2014 Seminole County
Travel Time & Delay Study

Prepared For:

Seminole County
Public Works Department
Engineering Division

RFP-600878-10/BJC
Metric Project No. 4.2001.04

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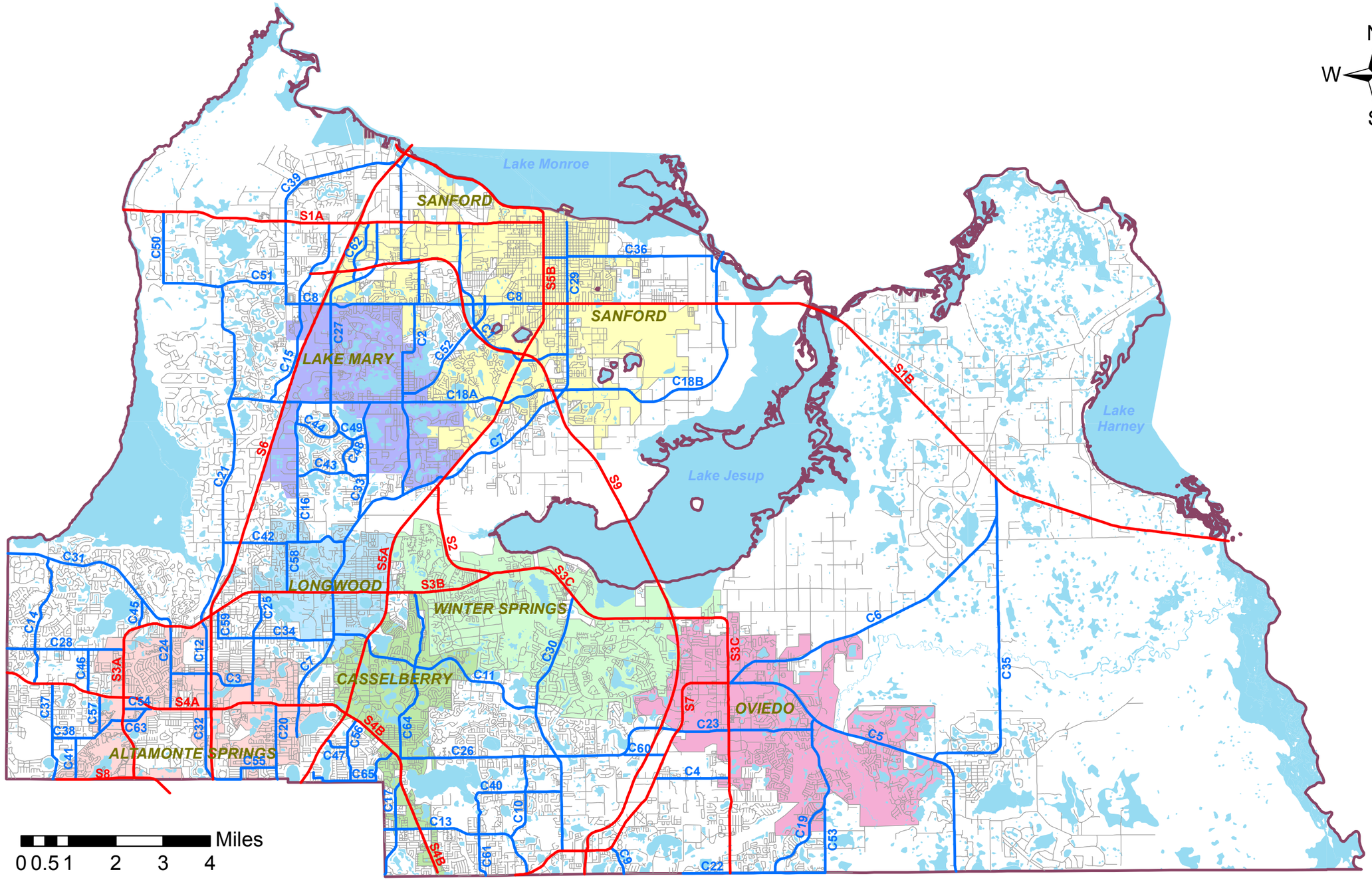
1. INTRODUCTION

Seminole County Public Works Department requested Metric Engineering, Inc. (MEI) to perform a Travel Time and Delay Study for a group of State and County roadways in Seminole County. The roadways under study are shown on a county map in Figure 1 with the legend provided in Table 1.

The purpose of this study is to quantify a series of Measures of Effectiveness (MOE's) (level of service (LOS), travel speed, etc.) on the study roadways to identify problem locations with high traffic congestion and serve as a basis for evaluations of transportation improvements. The analysis methods used in conducting this study are consistent with those set forth in the Manual on Uniform Traffic Studies (MUTS).

Travel time and delay information was collected for a total of 319.9 miles of state and county roads; which includes nine (9) state roads totaling 120.9 miles, and sixty-five (65) county roads totaling 199.0 miles. A complete list of the study roadways along with the associated limits is shown in Table 2. The peak hours for the study roadways were determined based upon the most current (year 2013) traffic data from Seminole County.

For this study, MEI has employed state-of-the-art technology based on a combination of Global Positioning System (GPS) and Geographical Information Systems (GIS) technologies for data collection and analysis. The GPS approach has proven to be cost-effective, safer, and more accurate than other methods. QStarz Travel Recorder X were used for collecting field data; and GeoStats TravTime software package for data reduction were chosen based on previous experience in conducting similar travel time and delay studies.



Prepared for:

SEMINOLE COUNTY
FLORIDA'S NATURAL CHOICE

Prepared by:

METRIC ENGINEERING

YEAR 2014 TRAVEL TIME AND DELAY STUDY

Study Map

Legend

State Road

County Road

Figure 1

Table 1: Map Legend

State Roads

S1	SR 46
S2	SR 419
S3	SR 434
S4	SR 436
S5	US 17/92
S6	SR 400 (I-4)
S7	SR 426
S8	SR 414 (Maitland Blvd)
S9	SR 417

County Roads

C1	Airport Blvd./MLK Jr. Blvd.
C2	CR 15
C3	Central Pkwy
C4	Chapman Rd.
C5	CR 419
C6	CR 426
C7	CR 427
C8	CR 46A
C9	Dean Rd.
C10	Dodd Rd.
C11	Dog Track Rd./Seminola Blvd./Lake Dr.
C12	Douglas Ave.
C13	Howell Branch Rd.
C14	Hunt Club Blvd.
C15	International Pkwy.
C16	Lake Emma Rd.
C17	Lake Howell Rd.
C18	Lake Mary Blvd./SR 415
C19	Lockwood Blvd.
C20	Maitland Ave.
C21	Markham Woods Rd.
C22	McCulloch Rd.
C23	Mitchell Hammock Rd.
C24	Montgomery Rd.
C25	Palm Springs Dr.
C26	Red Bug Lake Rd.
C27	Rinehart Rd.
C28	Sand Lake Rd.
C29	Sanford Ave.
C30	Tuskawilla Rd.
C31	Wekiva Springs Rd.
C32	Wymore Rd.
C33	Longwood Lake Mary Rd.
C34	North St.
C35	Snow Hill Rd.
C36	13th St./Celery Ave.
C37	Bear Lake Rd.
C38	Bunnell Rd.
C39	CR 431
C40	Dike Rd.
C41	Eden Park Rd.
C42	EE Williamson Rd./Longwood Hills Rd.
C43	Greenway Blvd.
C44	Greenwood Blvd.
C45	E. Lake Brantley Dr.
C46	W. Lake Brantley Rd.
C47	Lake of the Woods Blvd.
C48	Lake Park Dr.
C49	Lake Way Rd.
C50	Longwood Markham Rd.
C51	Markham Rd.
C52	Old Lake Mary Rd.
C53	Old Lockwood Rd.
C54	Orange Ave.
C55	Oranole Rd.
C56	Oxford Rd.
C57	Pearl Lake Cswy
C58	Rangeline Rd.
C59	Raymond Ave.
C60	Slavia Rd.
C61	Tangerine Ave.
C62	Towne Center Blvd.
C63	W. Town Pkwy.
C64	Winter Park Dr.
C65	Derbyshire Dr.

Table 2: Roadway Limits

Road Number	State Road	From	To	Length Miles
S1	SR 46	Lake Co. Line	Volusia Co. Line	25.1
S2	SR 419	US 17-92	SR 434	2.6
S3	SR 434	Orange Co. Line (West)	Orange Co. Line (East)	22.0
S4	SR 436	Orange Co. Line (West)	Orange Co. Line (South)	11.6
S5	US 17-92	Orange Co. Line	Volusia Co. Line	17.2
S6	SR 400 (I-4)	Orange Co. Line	Volusia Co. Line	14.4
S7	SR 426	Orange Co. Line	SR 434	7.0
S8	SR 414 (Maitland Blvd)	Bear Lake Rd.	Maitland Summit Blvd.	2.6
S9	SR 417	Orange Co. Line	International Pkwy.	18.4

Road Number	County Road	From	To	Length Miles
C1	Airport Blvd./MLK Jr. Blvd	SR 46	Sanford Ave.	4.6
C2	CR 15	CR 427	US 17-92	8.0
C3	Central Pkwy.	Palm Springs Dr.	Montgomery Rd.	1.9
C4	Chapman Rd.	SR 434	SR 426	1.6
C5	CR 419	SR 434	Orange Co. Line	7.4
C6	CR 426	CR 419	SR 46	7.8
C7	CR 427	Ballard St.	Lake Mary Blvd.	10.4
C8	CR 46A	Orange Blvd. (CR 431)	US 17-92	5.5
C9	Dean Rd.	Orange Co. Line	SR 426	0.6
C10	Dodd Rd.	Howell Branch Rd.	Red Bug Lake Rd.	1.9
C11	Dog Track Rd./Seminola Blvd./Lake Dr.	CR 427	Tuskawilla Rd.	5.2
C12	Douglas Ave.	SR 436	SR 434	1.9
C13	Howell Branch Rd.	SR 426	Lakemont Ave.	3.6
C14	Hunt Club Blvd.	SR 436	Wekiva Springs Rd.	2.8
C15	International Pkwy.	Lake Mary Blvd.	SR 46	4.3
C16	Lake Emma Rd.	Longwood Hills Rd.	Lake Mary Blvd.	3.0
C17	Lake Howell Rd.	Orange Co. Line	SR 436	2.1
C18	Lake Mary Blvd./SR 415	Markham Woods Rd.	Volusia Co. Line	13.4
C19	Lockwood Blvd.	McCulloch Rd.	CR 419	3.9
C20	Maitland Ave.	Orange Co. Line	SR 436	1.6
C21	Markham Woods Rd.	SR 434	Markham Rd.	7.4
C22	McCulloch Rd.	Rouse Rd.	Old Lockwood Rd.	3.0
C23	Mitchell Hammock Rd.	SR 426	Lockwood Blvd.	2.9
C24	Montgomery Rd.	SR 436	SR 434	1.8
C25	Palm Springs Dr.	SR 436	SR 434	2.4
C26	Red Bug Lake Rd.	SR 436	SR 426	6.3

Table 2 (cont.)

Road Number	County Road	From	To	Length Miles
C27	Rinehart Rd.	Lake Mary Blvd.	SR 46	4.4
C28	Sand Lake Rd.	Line Dr.	SR 434	2.5
C29	Sanford Ave.	Lake Mary Blvd.	W. 1st St.	3.5
C30	Tuskawilla Rd.	SR 426	SR 434	5.7
C31	Wekiva Springs Rd.	Orange Co. Line	SR 434	4.1
C32	Wymore Rd.	Oranole Rd.	SR 436	1.6
C33	Longwood Lake Mary Rd.	US 17/92	Lake Mary Blvd.	2.5
C34	North St.	Raymond Ave.	CR 427	2.4
C35	Snow Hill Rd.	CR 419	CR 426	6.5
C36	13th St./Celery Ave.	US 17/92	SR 415	3.9
C37	Bear Lake Rd.	SR 414	SR 436	2.1
C38	Bunnell Rd.	Bear Lake Rd.	SR 434	1.4
C39	CR 431	CR 46A	CR 15	4.9
C40	Dike Rd.	Howell Branch Rd.	Tuskawilla Rd.	2.7
C41	Eden Park Rd.	SR 414	Bunnell Rd.	0.9
C42	EE Williamson Rd./Longwood Hills Rd.	Markham Woods Rd.	CR 427	2.7
C43	Greenway Blvd.	Lake Emma Rd.	Longwood Lake Mary Rd.	1.6
C44	Greenwood Blvd.	Lake Emma Rd.	Lake Mary Blvd.	1.7
C45	E. Lake Brantley Dr.	SR 434	Wekiva Springs Rd.	0.6
C46	W. Lake Brantley Rd.	SR 436	Sand Lake Rd.	0.9
C47	Lake of the Woods Blvd.	US 17/92	Oxford Rd.	0.5
C48	Lake Park Dr.	Greenway Blvd.	Lake Way Rd.	0.8
C49	Lake Way Rd.	Greenwood Blvd.	Longwood Lake Mary Rd.	0.7
C50	Longwood Markham Rd.	Markham Rd.	SR 46	1.5
C51	Markham Rd.	Longwood Markham Rd.	CR 431	2.6
C52	Old Lake Mary Blvd.	CR 15	Country Club Rd.	2.9
C53	Old Lockwood Rd.	McCulloch Rd.	Lockwood Rd.	1.4
C54	Orange Ave.	SR 434	SR 436	0.6
C55	Oranole Rd.	Wymore Rd.	Maitland Ave.	1.5
C56	Oxford Rd.	Derbyshire Rd.	Sunset Dr.	1.8
C57	Pearl Lake Cswy.	Bunnell Rd.	SR 436	0.8
C58	Rangeline Rd.	SR 434	EE Williamson Rd.	1.1
C59	Raymond Ave.	North St.	SR 434	0.6
C60	Slavia Rd.	Red Bug Lake Rd.	SR 426	0.9
C61	Tangerine Ave.	Citrus Ave.	Howell Branch Rd.	1.0
C62	Towne Center Blvd.	Rinehart Rd.	SR 46	1.4
C63	W. Town Pkwy.	Bunnell Rd.	Orange Ave.	0.8
C64	Winter Park Dr.	Red Bug Lake Rd.	SR 434	3.8
C65	Derbyshire Dr.	Spartan Dr.	SR 436	2.4

2. TRAVEL TIME AND DELAY STUDY

The Manual on Uniform Traffic Studies (MUTS), Chapter 14, defines the Travel Time and Delay Study as a method "to evaluate the quality of traffic movement along a route and determine the locations, types, and extents of traffic delays by using a moving test vehicle". The quality of traffic movement is determined by computing a series of MOE's utilizing the field data collected manually or by the instruments installed in a test vehicle.

Based on the MUTS, the floating car technique is the driving strategy to be used to assure some uniformity of the collected data. In this technique, the driver is instructed to pass as many vehicles as pass the test car. In this way, the test car tends to simulate the average driver and measurements are likely to reflect average conditions within the traffic stream. Based on the predetermined conditions of the study, vehicles were not allowed to exceed the speed limits. It should be noted that this condition has a varying degree of effect on the data collected based on how much the average speed exceeds the speed limit. This situation was most notably observed on the I-4 segments.

The field data may be recorded manually using an observer with a stop watch that accompanies the driver. This observer enters the information into a field sheet of the type indicated in the FDOT Form No. 720-020-14, then summarizes the data in the FDOT Form No. 750-020-19 to perform the required calculations and analysis. In another recording method, a test vehicle is equipped with electronic devices like Distance Measuring Instruments (DMI's) or Geographical Positioning Systems (GPS's) to record speed vs. position throughout the route. These devices usually are capable to download the field data to a computerized system, analyze the data, and calculate the MOE's required for this kind of study.

The typical MOE's used on Travel Time and Delay Studies are:

- Average Travel Time: The average time needed to travel a highway segment under consideration, including all stopped delay times.
- Average Travel Speed: Calculated by dividing the distance of a highway segment under consideration by the Average Travel Time.

- Average Number of Stops: The average number of stops encountered along the highway segment under consideration.
- Average Delay: The additional travel time experienced by a driver. It is calculated as the total travel time on a highway segment under consideration minus the travel time for the vehicle with no other vehicles or traffic control devices.
- Actual Delay: The difference between the travel time recorded on the highway segment under consideration and the travel time within the posted speed limit.
- Level of Service (LOS): A quality measure describing operational conditions within the traffic stream. The LOS is calculated using the guidelines specified in Highway Capacity Manual (HCM) 2000 (Exhibit 15-2).
- Fuel Consumption: The amount of fuel consumed during the travel a highway segment.

All of these MOE's are utilized to identify problem locations with high traffic congestion and serve as a basis for evaluations of transportation improvements. Possible usages for this information include:

- To identify problem locations on facilities where high travel times and delays are detected.
- To determinate arterial LOS for mid-blocks on road links, based on average travel speeds and travel times.
- To provide necessary input for traffic and planning models based on these MOE's.
- To serve as an evaluation tool for the effectiveness of roadway improvements such as the addition of turn lanes or retiming.
- To classify improvements projects, which focus on link travel times.
- To provide input for economic analyses of alternatives where the economic value of travel time is a major factor.
- To develop maps and other depictions of traffic congestion in an area or region.

3. METHODOLOGY

The study corridors were provided by Seminole County and are shown in Figure 1. Table 2 displays the list of the roadways covered in the study including roadway identification, the study limits and length of study corridor. Some of the roadways were divided by Seminole County in different sections based on roadway length and traffic volumes.

The MUTS provides a method to determine the number of study runs in each direction. However, for the purposes of this study, the Seminole County staff specified that a minimum of six (6) runs should be completed for each route, in each direction, per period of time.

3.1. Data Collection Schedule

A data collection schedule was developed; taking into account the following events and conditions, which would not represent the normal conditions:

- School Vacation: No data was taken during school vacation periods.
- Day of the week: All of study runs were completed on a Tuesday, Wednesday, or Thursday; representing typical traffic conditions.
- Time of the Day: All of the study runs were completed during the morning and evening peak periods. The runs on some of the study roadways were planned to be done in two days, since the level of congestion did not allow completion of full six runs within the same day.
- Resources: MEI dedicated a team of four drivers with test vehicles for this study.
- Roadways under construction: It should be noted that study runs were performed on SR 434 (S3), SR 436 (S4), International Parkway (C15), Lake Mary Blvd/SR 415 (C18), Palm Springs Drive (C25), Red Bug Lake Road (C26), Sanford Avenue (C29), Rangeline Road (C58), Raymond Ave (C59), and Winter Park Drive (C64) during construction since the it was determined that the type of construction would not have a significant effect on the results.

The aforementioned conditions were used to develop the schedule. All data was collected between January 8, 2014 and March 26, 2014

3.2. Time of Day

All field runs were completed during the morning and evening peak periods. The idea was to capture the quality of traffic movement during the congested times. The time of day for all state roads was selected between 7:00 a.m. and 9:00 a.m. for the morning peak hours, and between 4:00 p.m. and 6:00 p.m. for the evening peak hours.

Since some of the county roads do not have a high level of traffic, it was reasonable to assume that congestion may not extend through the entire period between 7:00 and 9:00 a.m. for the morning and between 4:00 and 6:00 p.m. for the afternoon. In the case of county roads, MEI calculated the peak traffic hours using the traffic data obtained from 2013 Seminole County traffic data and the time of day for all county roads was selected based on having a minimum traffic volume of 80% of the peak hour traffic volume. Table 3 lists the time of day for data collection of all study roadways using this methodology described above.

Table 3: Peak Hours

Road Number	State Road	From	To	AM Peak Hours	PM Peak Hours
S1	SR 46	Lake Co. Line	Volusia Co. Line	7:00-9:00	4:00-6:00
S2	SR 419	US 17-92	SR 434	7:00-9:00	4:00-6:00
S3	SR 434	Orange Co. Line (West)	Orange Co. Line (East)	7:00-9:00	4:00-6:00
S4	SR 436	Orange Co. Line (West)	Orange Co. Line (South)	7:00-9:00	4:00-6:00
S5	US 17-92	Orange Co. Line	Volusia Co. Line	7:00-9:00	4:00-6:00
S6	SR 400 (I-4)	Orange Co. Line	Volusia Co. Line	7:00-9:00	4:00-6:00
S7	SR 426	Orange Co. Line	SR 434	7:00-9:00	4:00-6:00
S8	SR 414	Bear Lake Rd.	Maitland Summit Blvd.	7:00-9:00	4:00-6:00
S7	SR 417	Orange Co. Line	International Pkwy.	7:00-9:00	4:00-6:00

Road Number	County Road	From	To	AM Peak Hours	PM Peak Hours
C1	Airport Blvd./MLK Jr. Blvd	SR 46	Sanford Ave.	7:00-9:00	4:00-6:00
C2	CR 15	CR 427	US 17-92	7:00-9:00	4:00-6:00
C3	Central Pkwy.	Palm Springs Dr.	Montgomery Rd.	7:15-9:00	4:00-6:00
C4	Chapman Rd.	SR 434	SR 426	7:00-9:00	4:30-6:00
C5	CR 419	SR 434	Orange Co. Line	7:00-9:00	4:00-6:00
C6	CR 426	CR 419	SR 46	7:00-9:00	4:00-6:00
C7	CR 427	Ballard St.	Lake Mary Blvd.	7:00-9:00	4:00-6:00
C8	CR 46A	Orange Blvd. (CR 431)	US 17-92	7:00-9:00	4:00-6:00
C9	Dean Rd.	Orange Co. Line	SR 426	7:00-9:00	4:15-6:00
C10	Dodd Rd.	Howell Branch Rd.	Red Bug Lake Rd.	7:00-8:45	4:00-6:00
C11	Dog Track Rd./Seminola Blvd./ Lake Dr.	CR 427	Tuskawilla Rd.	7:00-9:00	4:00-6:00
C12	Douglas Ave.	SR 436	SR 434	7:00-9:00	4:00-6:00
C13	Howell Branch Rd.	SR 426	Lakemont Ave.	7:00-9:00	4:00-6:00
C14	Hunt Club Blvd.	SR 436	Wekiva Springs Rd.	7:00-9:00	4:00-6:00
C15	International Pkwy.	Lake Mary Blvd.	SR 46	7:15-9:00	4:30-6:00
C16	Lake Emma Rd.	Longwood Hills Rd.	Lake Mary Blvd.	7:15-9:00	4:15-6:00
C17	Lake Howell Rd.	Orange Co. Line	SR 436	7:15-9:00	4:00-6:00
C18	Lake Mary Blvd./SR 415	Markham Woods Rd.	Volusia Co. Line	7:00-9:00	4:00-6:00
C19	Lockwood Blvd.	McCulloch Rd.	CR 419	7:00-9:00	4:00-6:00
C20	Maitland Ave.	Orange Co. Line	SR 436	7:00-9:00	4:00-6:00
C21	Markham Woods Rd.	SR 434	Lake Mary Blvd.	7:00-9:00	4:15-6:00
C22	McCulloch Rd.	Rouse Rd.	Old Lockwood Rd.	7:00-9:00	4:00-6:00
C23	Mitchell Hammock Rd.	SR 426	Lockwood Blvd.	7:00-9:00	4:00-6:00
C24	Montgomery Rd.	SR 436	SR 434	7:00-9:00	4:00-6:00
C25	Palm Springs Dr.	SR 436	SR 434	7:15-9:00	4:00-6:00
C26	Red Bug Lake Rd.	SR 436	SR 426	7:00-9:00	4:00-6:00
C27	Rinehart Rd.	Lake Mary Blvd.	SR 46	7:00-9:00	4:00-6:00

Table 3 (cont.)

Road Number	County Road	From	To	AM Peak Hours	PM Peak Hours
C28	Sand Lake Rd.	Line Dr.	SR 434	7:00-9:00	4:00-6:00
C29	Sanford Ave.	Lake Mary Blvd.	SR 46	7:00-9:00	4:00-6:00
C30	Tuskawilla Rd.	SR 426	SR 434	7:00-9:00	4:00-6:00
C31	Wekiva Springs Rd.	Orange Co. Line	SR 434	7:00-9:00	4:00-6:00
C32	Wymore Rd.	Oranole Rd.	SR 436	7:00-9:00	4:00-6:00
C33	Longwood Lake Mary Rd.	US 17/92	Lake Mary Blvd.	7:00-9:00	4:00-6:00
C34	North St.	Raymond Ave.	CR 427	7:00-9:00	4:00-6:00
C35	Snow Hill Rd.	CR 419	CR 426	7:30-9:00	4:00-6:00
C36	13th St./Celery Ave.	US 17/92	SR 415	7:00-9:00	4:00-6:00
C37	Bear Lake Rd.	SR 414	SR 436	7:15-9:00	4:00-6:00
C38	Bunnell Rd.	Bear Lake Rd.	SR 434	7:00-9:00	4:15-6:00
C39	CR 431	CR 46A	CR 15	7:00-9:00	4:00-6:00
C40	Dike Rd.	Howell Branch Rd.	Tuskawilla Rd.	7:00-8:30	4:00-6:00
C41	Eden Park Rd.	SR 414	Bunnell Rd.	7:00-9:00	4:30-6:00
C42	EE Williamson Rd./Longwood Hills Rd.	Markham Woods Rd.	CR 427	7:15-9:00	4:15-6:00
C43	Greenway Blvd.	Lake Emma Rd.	Longwood Lake Mary Rd.	7:30-9:00	4:00-6:00
C44	Greenwood Blvd.	Lake Emma Rd.	Lake Mary Blvd.	7:00-9:00	4:00-6:00
C45	E. Lake Brantley Dr.	SR 434	Wekiva Springs Rd.	7:30-9:00	4:15-6:00
C46	W. Lake Brantley Rd.	SR 436	Sand Lake Rd.	7:00-9:00	4:00-6:00
C47	Lake of the Woods Blvd.	US 17/92	Oxford Rd.	7:15-9:00	4:15-6:00
C48	Lake Park Dr.	Greenway Blvd.	Lake Way Rd.	7:45-9:00	4:00-6:00
C49	Lake Way Rd.	Greenwood Blvd.	Longwood Lake Mary Rd.	7:00-9:00	4:00-6:00
C50	Longwood Markham Rd.	Markham Rd.	SR 46	7:00-9:00	4:00-6:00
C51	Markham Rd.	Longwood Markham Rd.	CR 431	7:00-9:00	4:00-6:00
C52	Old Lake Mary Blvd.	CR 15	Country Club Rd.	7:00-9:00	4:00-6:00
C53	Old Lockwood Rd.	McCulloch Rd.	Lockwood Rd.	7:00-9:00	4:00-6:00
C54	Orange Ave.	SR 434	SR 436	7:00-8:45	4:00-6:00
C55	Oranole Rd.	Wymore Rd.	Maitland Ave.	7:15-9:00	4:30-6:00
C56	Oxford Rd.	Derbyshire Rd.	Sunset Dr.	7:15-9:00	4:00-6:00
C57	Pearl Lake Cswy.	Bunnell Rd.	SR 436	7:00-9:00	4:15-6:00
C58	Rangeline Rd.	SR 434	EE Williamson Rd.	7:00-9:00	4:00-6:00
C59	Raymond Ave.	North St.	SR 434	7:00-9:00	4:15-6:00
C60	Slavia Rd.	Red Bug Lake Rd.	SR 426	7:00-9:00	4:00-6:00
C61	Tangerine Ave.	Citrus Ave.	Howell Branch Rd.	7:30-9:00	4:00-6:00
C62	Towne Center Blvd.	Rinehart Rd.	SR 46	7:00-9:00	4:00-6:00
C63	W. Town Pkwy.	Bunnell Rd.	Laurel St.	7:00-9:00	4:00-6:00
C64	Winter Park Dr.	Red Bug Lake Rd.	SR 434	7:30-9:00	4:00-6:00
C65	Derbyshire Dr.	Spartan Dr.	SR 436	7:15-9:00	4:30-6:00

3.3. Data Collection

MEI performed the travel time and delay study following the data collection biweekly schedule mentioned in Section 3.1. Four vehicles equipped with the QStarz Travel Recorder X were used to collect the field data. This equipment records GPS data points by recording second-by-second position and speed data. A complete specification of the equipment can be found in Appendix F.

As indicated in Section 3.1, the field data was collected between January 8, 2014 and March 26, 2014 from Tuesday through Thursday, during the morning and afternoon peak periods (as identified in Table 3). For each peak period, a minimum of six (6) vehicle runs in each direction were completed for all study roadways. In addition, the posted speed limit in miles per hour (MPH) was collected in the field prior to the data collection process.

All roadway sections were divided by “control points” into several sub-sections in order to more precisely determine the sources of congestion in the network. All signalized intersections and some important unsignalized intersections were considered as control points for each study roadway.

Data collection runs were not performed when external factors such as inclement weather, traffic incidents, special events or significant roadway construction would affect the typical traffic flow. No disrupted events were reported during the collection data process.

An MEI specialist verified all field data collected for this study to assure quality. A few inconsistencies with the data collected were detected due to a lost satellite signal in the GPS units. When these situations occurred, the original data was discarded and new runs were performed.

3.4. Data Analysis

The field data collected was processed using the TravTime software package to determine the various MOE's for the study routes. The TravTime software system analyzes GPS data collected from test vehicles carrying a GPS logging device. In addition, the field data can be thematically mapped and reenacted using built-in maps and a GIS framework. A snapshot of the software package is shown in Figure 2.

Two different kinds of tables were prepared to summarize all field data collected in this study. The first table is used to show the year 2014 travel time and delay data summary (see Appendices A and B) and contains the following information per roadway section and direction:

- Roadway Segment,
- Speed Limit (MPH),
- Distance between control points (Feet),
- Traffic Control Device which represents the type of the control point at the beginning of the sub-segment,
- Travel Time (Seconds),
- Stop Delay (Seconds),
- Roadway Class,
- Average Speed (MPH) and LOS for the Roadway Segments,
- Average Speed(MPH) and LOS for the Roadway Sections, and
- Average Speed (MPH) and Fuel Consumption for the entire study roadway.

The second table shows a historical summary of the average speed and roadway LOS from the year 2005 to the present (See Appendices C and D). This table contains the following information:

- Roadway Segment,
- Distance between control points (Miles),
- Average Speed (MPH) and LOS for the Roadway Segments per year, and
- Average Speed (MPH) and LOS for the Roadway Sections per year.

In addition, the average speed and LOS for the entire section of the roadways are provided in an extra column in the historical summary sheets. This allows for the comparison and analysis of the traffic flow conditions amongst different years for the entire section of the roadway. The roadway class and LOS were determined based upon both the posted speed limit on the roadway segments and the arterial classification guidelines specified in HCM 2000 (Exhibit 15-2). The HCM exhibit showing the urban street LOS by roadway class is shown in Table 4 below. It should be noted that the HCM exhibit 32-2 describing the LOS criteria for basic freeway segments was used to determine the LOS for the I-4 and SR 417 segments studied as part of the study.

Table 4: HCM Exhibit 15-2

Urban Street LOS by Roadway Class

	Arterial Classification			
	I	**II**	**III**	**IV**
Range of Free-flow Speed Typical Free Flow Speed	45–55 MPH 50 MPH	35-45 MPH 40 MPH	30-35 MPH 33 MPH	25-35 MPH 30 MPH
Level of Service	Speed (MPH)			
A	>42	>35	>30	>25
B	>34	>28	>24	>19
C	>27	>22	>18	>13
D	>21	>17	>14	>9
E	>16	>13	>10	>7
F	<=16	<=13	<=10	<=7

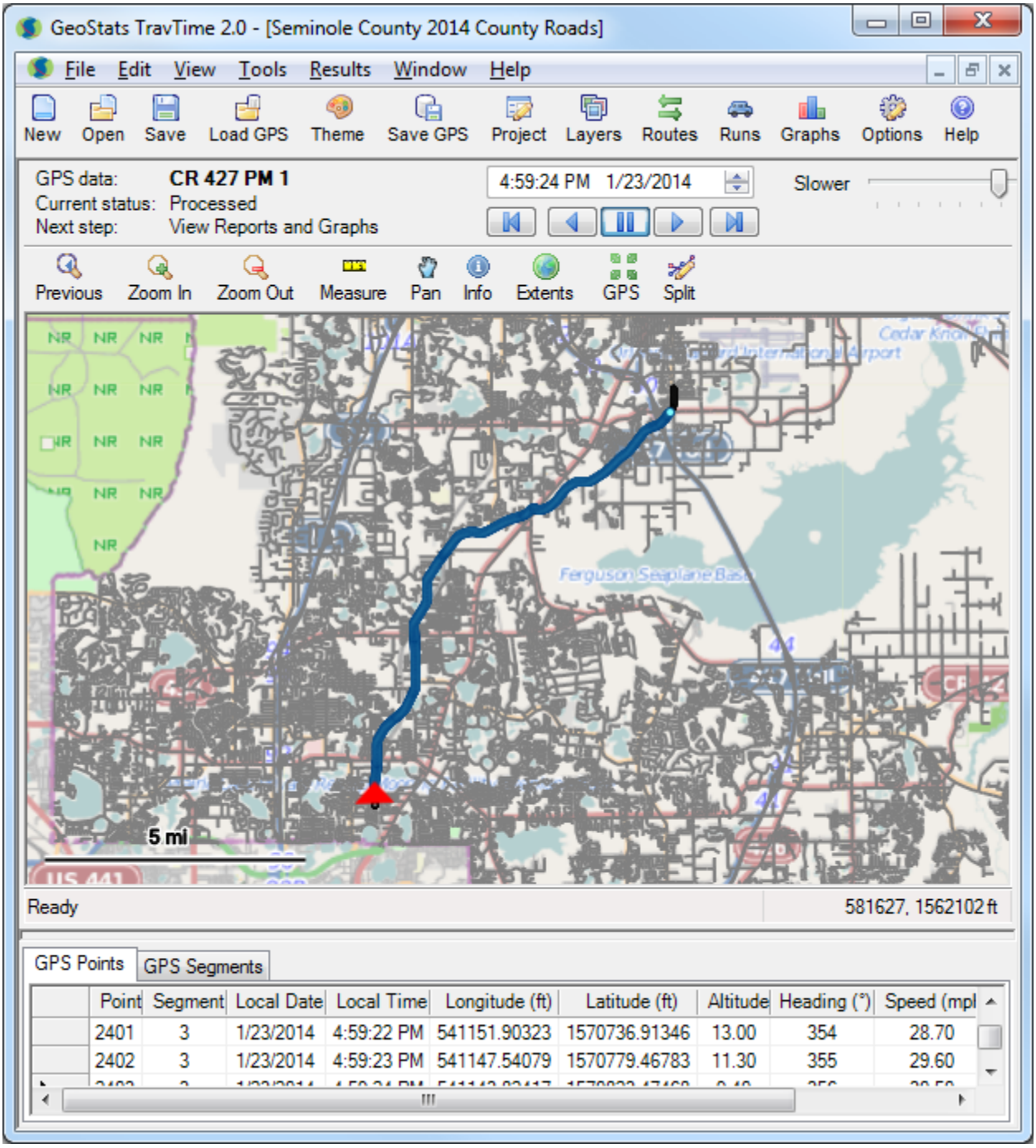


Figure 2: Snapshot of TravTime Software

Showing CR 427 Runs in the Backdrop of Seminole County Map.

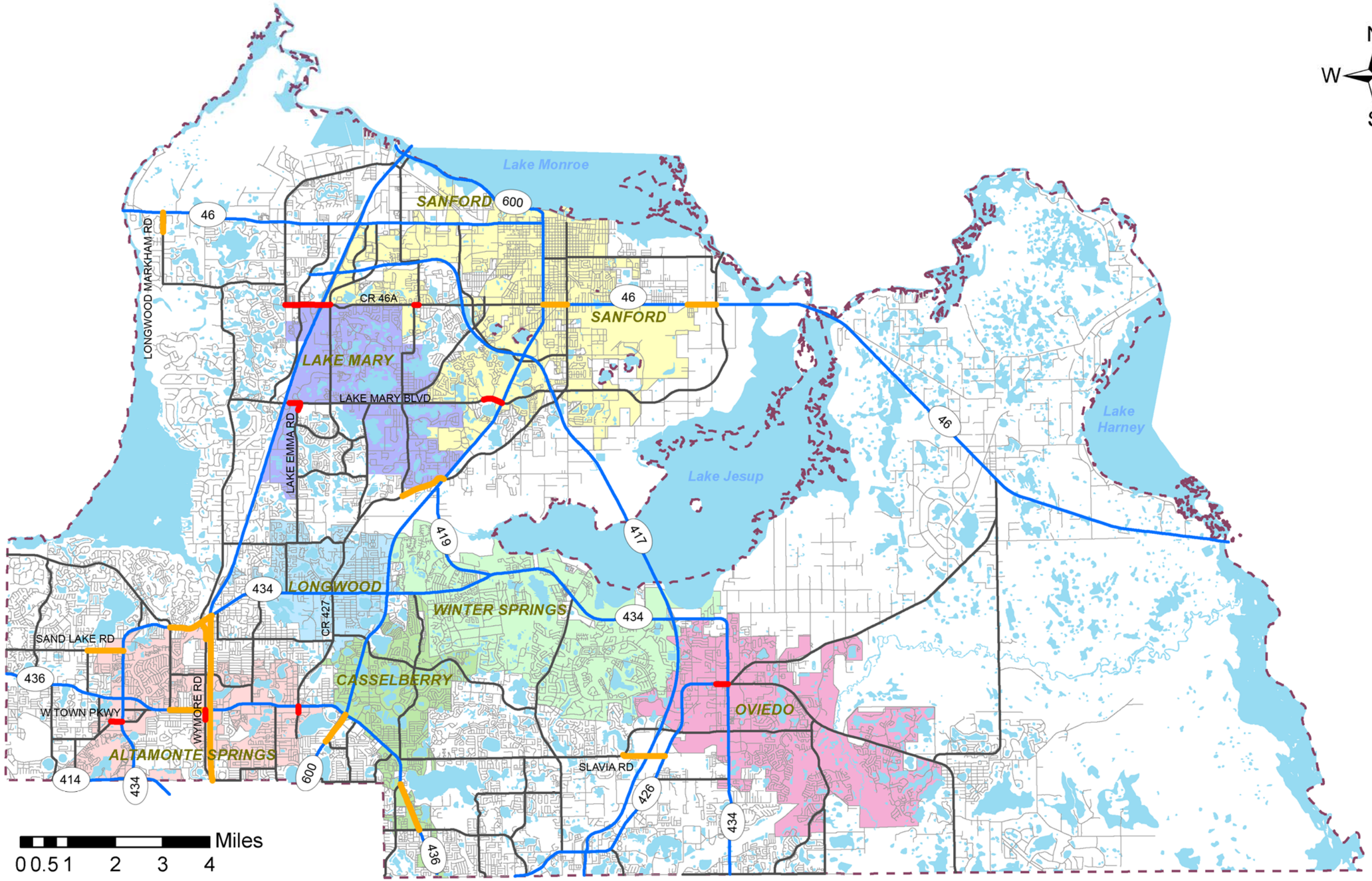
4. SUMMARY & CONCLUSIONS

The purpose of this travel time and delay study was to quantify a series of MOE's (LOS, travel speed, etc.) on the study roadways for the year 2014. This was accomplished by collecting data for sixty-five (65) county roads and nine (9) state roadway segments within Seminole County. A total length of approximately 199.0 miles of county roads and 120.9 miles of state roads were evaluated through this study.

Table 5 summarizes the length of study roadways with LOS E and F and their representative percentage of the total length of state roads and county roads evaluated through this study.

Table 5: Roadways Operating at LOS E and LOS F

	Roads Operating at Adopted LOS E		Roads Operating at Adopted LOS F	
State Roads – 120.9 Miles	Miles	%	Miles	%
EB/NB AM	8.1	6.7%	0.3	0.2%
EB/NB PM	12.6	10.4%	2.2	1.8%
WB/SB AM	8.3	6.9%	9.0	7.4%
WB/SB PM	10.3	8.5%	3.3	2.7%
County Roads – 199.0 Miles	Miles	%	Miles	%
EB/NB AM	3.4	1.7%	2.4	1.2%
EB/NB PM	6.0	3.0%	2.2	1.1%
WB/SB AM	3.9	2.0%	0.6	0.3%
WB/SB PM	3.7	1.8%	0.8	0.4%



Prepared for:

SEMINOLE COUNTY
FLORIDA'S NATURAL CHOICE

Prepared by:

METRIC ENGINEERING

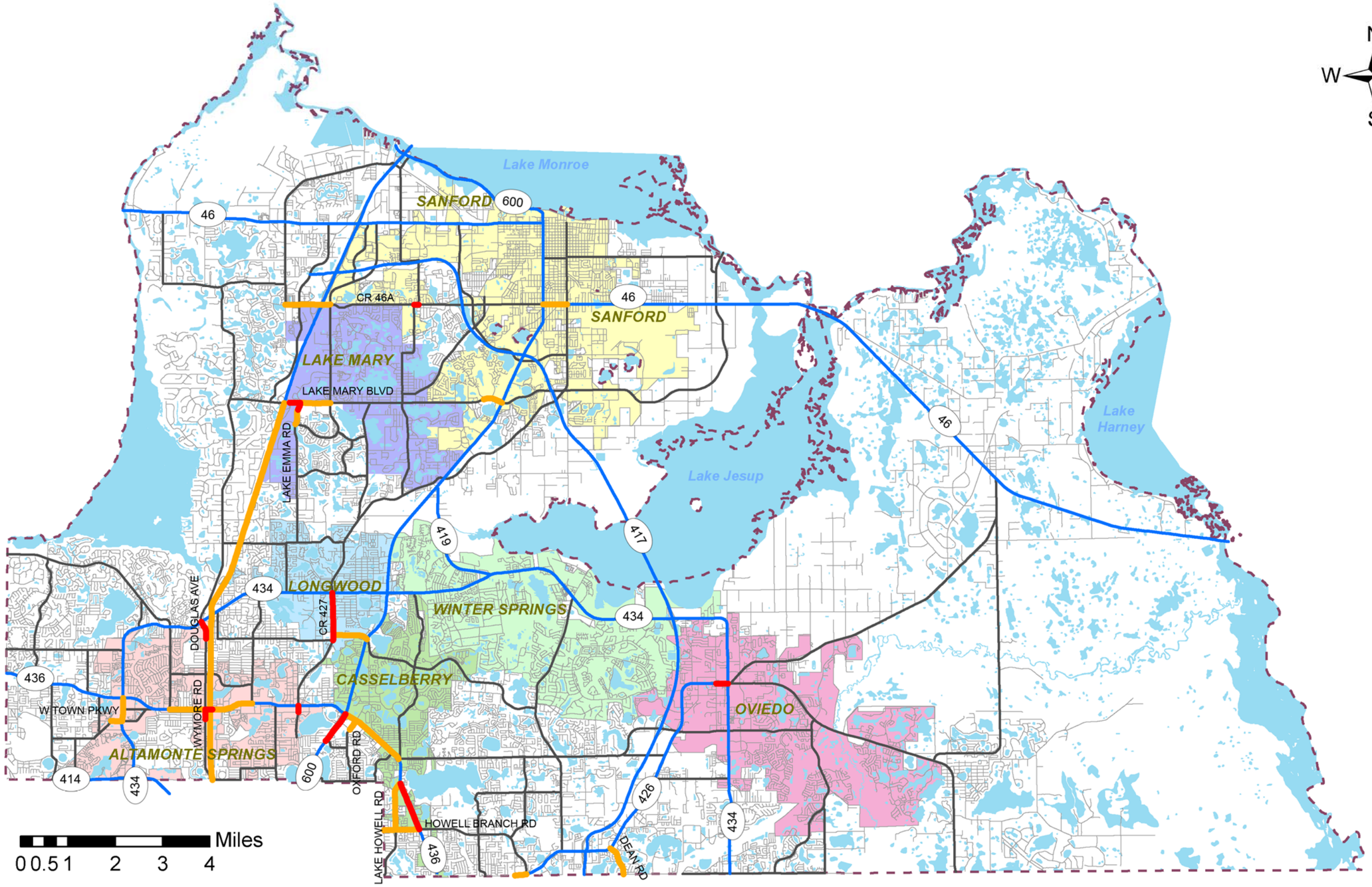
ROADWAY SECTIONS OPERATING AT LOS E/F

EB/NB AM PEAK

Legend

- LOS E
- LOS F
- State Roads
- County Roads
- Streets
- Lakes

Figure 3



Prepared for: Seminole County, Florida's Natural Choice

Prepared by: Metric Engineering

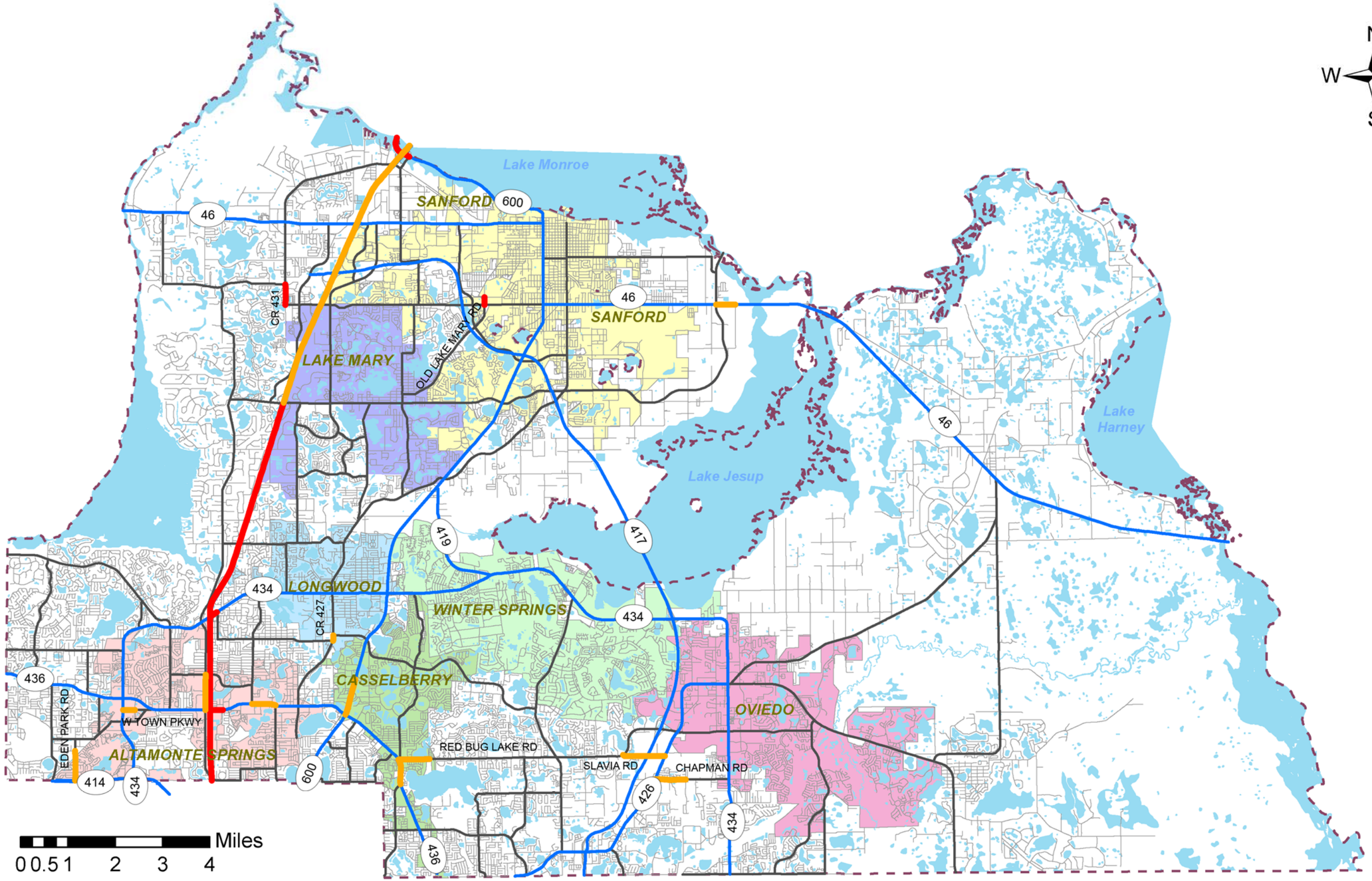
ROADWAY SECTIONS OPERATING AT LOS E/F

EB/NB PM PEAK

Legend

- LOS E
- LOS F
- State Roads
- County Roads
- Streets
- Lakes

Figure 4



Prepared for:

SEMINOLE COUNTY
FLORIDA'S NATURAL CHOICE

Prepared by:

METRIC ENGINEERING

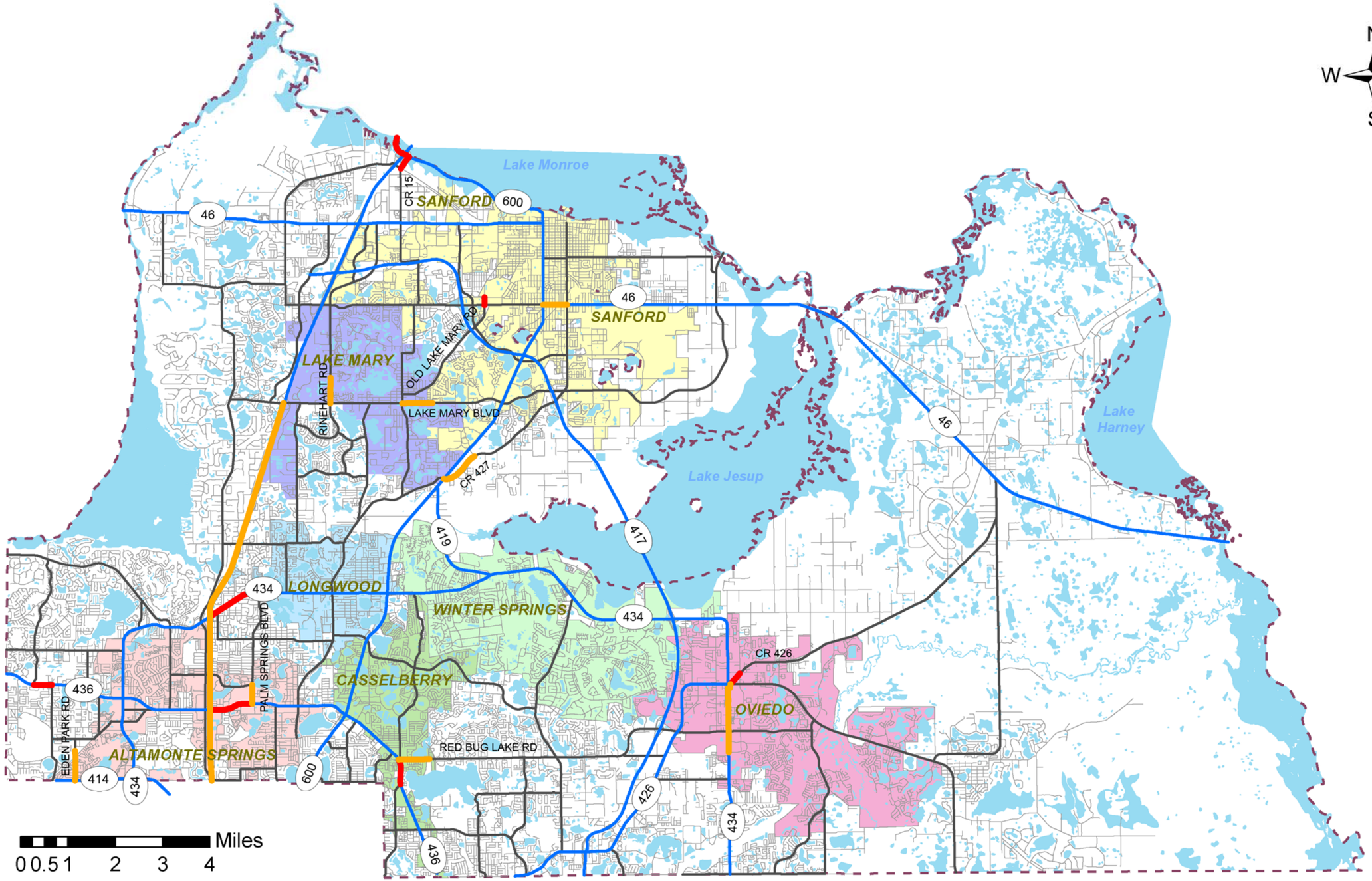
ROADWAY SECTIONS OPERATING AT LOS E/F

WB/SB AM PEAK

Legend

- LOS E
- LOS F
- State Roads
- County Roads
- Streets
- Lakes

Figure 5



Prepared for:

SEMINOLE COUNTY
FLORIDA'S NATURAL CHOICE

Prepared by:

METRIC ENGINEERING

ROADWAY SECTIONS OPERATING AT LOS E/F

WB/SB PM PEAK

Legend

- LOS E
- LOS F
- State Roads
- County Roads
- Streets
- Lakes

Figure 6

5. APPENDICES

Appendix A – Year 2014 Summary of State Roads

Appendix B – Year 2014 Summary of County Roads

Appendix C – Historical Summary of State Roads

Appendix D – Historical Summary of County Roads

Appendix E – Summary of Concurrency Database Showing Roadway Sections Operating at LOS E and LOS F

Appendix F – Data Collection Equipment Specifications

APPENDIX A

Year 2014 Summary of State Roads

APPENDIX A: STATE ROADS

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S3.1b: SR 434 (Part B) EB Summary…… A-8
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TABLE S1.1a
Year 2014 Seminole County Travel Time & Delay Study
SR 46 (Part A) - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR - Part A												
Lake Co. Line to Longwood Markham Rd.	55	4,488	Signal	68.4	3.0	I	44.7	A				
Longwood Markham Rd. to Lake Markham Rd.	55	5,702	Stop	79.2	0.0	I	49.1	A				
Lake Markham Rd. to Wayside Dr.	55	6,283	Stop	84.0	0.0	I	51.0	A				
Wayside Dr. to Orange Blvd.	55	1,742	Signal	57.6	24.0	I	20.6	E	42.9	A		
Orange Blvd. to Lake Forest Blvd.	55/50	3,538	Signal	49.8	0.0	I	48.4	A	48.4	A		
Lake Forest Blvd. to International Pkwy.	50	1,320	Signal	28.8	1.2	I	31.2	C				
International Pkwy. to Wayside Dr.	50/45	2,059	Signal	66.0	12.6	I	21.3	D				
Wayside Dr. to I-4 (W. Ramps)	45	845	Signal	16.8	0.0	I	34.3	B				
I-4 (W. Ramps) to I-4 (E. Ramps)	45	581	Signal	21.6	6.6	I	18.3	E	24.6	D		
I-4 (E. Ramps) to Town Center Blvd.	45	898	Signal	26.4	8.4	I	23.2	D				
Town Center Blvd. to Rinehart Rd.	45	1,003	Signal	19.8	0.0	I	34.5	B	28.1	C		
Rinehart Rd. to Upsala Rd./CR 15	45	2,693	Signal	65.4	18.6	I	28.1	C	28.1	C		
Upsala Rd./CR 15 to Central Park Dr.	45/55	1,690	Signal	27.6	0.0	I	41.7	B				
Central Park Dr. to Cedar Rd.	55	950	Stop	13.8	0.0	I	47.0	A				
Cedar Rd. to Kennel Rd.	55	1,320	Stop	18.0	0.0	I	50.0	A				
Kennel Rd. to Rand Yard Rd./MLK Jr. Blvd.	55	2,534	Signal	38.4	0.0	I	45.0	A				
Rand Yard Rd./MLK Jr. Blvd. to Airport Blvd.	55/45	1,426	Signal	22.2	0.0	I	43.8	A	45.0	A		
Airport Blvd. to Persimmon Ave.	45	2,957	Stop	44.4	0.0	II	45.4	A				
Persimmon Ave. to Mangoustine Ave.	45	2,006	Stop	31.2	0.0	II	43.8	A				
Mangoustine Ave. to Poplar Ave.	45/40	1,531	Stop	25.2	0.0	II	41.4	A				
Poplar Ave. to Holly Ave.	40	845	Stop	15.0	0.0	II	38.4	A				
Holly Ave. to US 17/92	40	686	Signal	67.8	33.6	II	6.9	F	29.8	B		
TOTAL		47,098		887.4	108.0						36.2	0.304 gal/veh
PM PEAK HOUR - Part A												
Lake Co. Line to Longwood Markham Rd.	55	4,488	Signal	62.4	4.2	I	49.0	A				
Longwood Markham Rd. to Lake Markham Rd.	55	5,702	Stop	72.6	0.0	I	53.6	A				
Lake Markham Rd. to Wayside Dr.	55	6,283	Stop	80.4	0.0	I	53.3	A				
Wayside Dr. to Orange Blvd.	55	1,742	Signal	49.8	13.8	I	23.9	D	46.8	A		
Orange Blvd. to Lake Forest Blvd.	55/50	3,538	Signal	48.6	0.0	I	49.6	A	49.6	A		
Lake Forest Blvd. to International Pkwy.	50	1,320	Signal	18.6	0.0	I	48.4	A				
International Pkwy. to Wayside Dr.	50/45	2,059	Signal	45.0	2.4	I	31.2	C				
Wayside Dr. to I-4 (W. Ramps)	45	845	Signal	14.4	0.0	I	40.0	B				
I-4 (W. Ramps) to I-4 (E. Ramps)	45	581	Signal	9.6	0.0	I	41.2	B	37.4	B		
I-4 (E. Ramps) to Town Center Blvd.	45	898	Signal	17.4	1.2	I	35.2	B				
Town Center Blvd. to Rinehart Rd.	45	1,003	Signal	25.8	8.4	I	26.5	D	30.0	C		
Rinehart Rd. to Upsala Rd./CR 15	45	2,693	Signal	72.0	16.8	I	25.5	D	25.5	D		
Upsala Rd./CR 15 to Central Park Dr.	45/55	1,690	Signal	34.8	4.2	I	33.1	C				
Central Park Dr. to Cedar Rd.	55	950	Stop	13.8	0.0	I	47.0	A				
Cedar Rd. to Kennel Rd.	55	1,320	Stop	17.4	0.0	I	51.7	A				
Kennel Rd. to Rand Yard Rd./MLK Jr. Blvd.	55	2,534	Signal	51.6	12.6	I	33.5	C				
Rand Yard Rd./MLK Jr. Blvd. to Airport Blvd.	55/45	1,426	Signal	21.0	0.0	I	46.3	A	39.0	B		
Airport Blvd. to Persimmon Ave.	45	2,957	Stop	44.4	0.0	II	45.4	A				
Persimmon Ave. to Mangoustine Ave.	45	2,006	Stop	31.2	0.0	II	43.8	A				
Mangoustine Ave. to Poplar Ave.	45/40	1,531	Stop	24.6	0.0	II	42.4	A				
Poplar Ave. to Holly Ave.	40	845	Stop	15.0	0.0	II	38.4	A				
Holly Ave. to US 17/92	40	686	Signal	49.2	13.2	II	9.5	F	33.3	B		
TOTAL		47,098		819.6	76.8						39.2	0.303 gal/veh

TABLE S1.1b
Year 2014 Seminole County Travel Time & Delay Study
SR 46 (Part B) - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR - Part B												
US 17/92 to Park Ave.	35	1,690	Signal	41.4	5.4	II	27.8	C				
Park Ave. to Sanford Ave.	35	950	Signal	68.4	23.4	II	9.5	F	16.4	E		
Sanford Ave. to Mellonville Ave.	35/40	2,746	Stop	49.2	0.0	II	38.0	A	38.0	A		
Mellonville Ave. to Brisson Ave.	40/50	5,386	Stop	79.2	0.0	I	46.4	A				
Brisson Ave. to Beardall Ave.	50	5,333	Stop	73.8	0.0	I	49.3	A	47.8	A		
Beardall Ave. to SR 415	50/55	3,168	Signal	107.4	48.0	I	20.1	E	20.1	E		
SR 415 to Richmond Ave.	55	2,112	Stop	31.2	0.0	I	46.2	A	46.2	A		
Richmond Ave. to Osceola Rd.	55	12,778	Stop	156.0	0.0	I	55.8	A	55.8	A		
Osceola Rd. to Mullet Lake Park Rd.	55	7,498	Stop	95.4	0.0	I	53.6	A				
Mullet Lake Park Rd. to Avenue C	55	12,461	Stop	160.2	0.0	I	53.0	A				
Avenue C to Hart Rd.	55	2,006	Stop	25.2	0.0	I	54.3	A				
Hart Rd. to Oak St.	55/45	739	Stop	10.2	0.0	I	49.4	A	53.2	A		
Oak St. to CR 426	45	1,426	Signal	40.2	6.0	II	24.2	C	24.2	C		
CR 426 to Lake Proctor Ct.	55	3,696	Stop	52.2	0.0	I	48.3	A				
Lake Proctor Ct. to Jungle Rd.	55	8,026	Stop	105.6	0.6	I	51.8	A	50.6	A		
Jungle Rd. to Volusia Co. Line	55	15,523	Stop	198.0	0.0	I	53.5	A	53.5	A		
TOTAL		85,536		1293.6	83.4						45.1	0.546 gal/veh
PM PEAK HOUR - Part B												
US 17/92 to Park Ave.	35	1,690	Signal	55.8	14.4	II	20.6	D				
Park Ave. to Sanford Ave.	35	950	Signal	60.0	31.2	II	10.8	F	15.5	E		
Sanford Ave. to Mellonville Ave.	35/40	2,746	Stop	50.4	0.0	II	37.1	A	37.1	A		
Mellonville Ave. to Brisson Ave.	40/50	5,386	Stop	81.0	0.0	I	45.3	A				
Brisson Ave. to Beardall Ave.	50	5,333	Stop	76.8	0.0	I	47.3	A	46.3	A		
Beardall Ave. to SR 415	50/55	3,168	Signal	63.0	6.0	I	34.3	B	34.3	B		
SR 415 to Richmond Ave.	55	2,112	Stop	28.8	0.0	I	50.0	A	50.0	A		
Richmond Ave. to Osceola Rd.	55	12,778	Stop	156.6	0.0	I	55.6	A	55.6	A		
Osceola Rd. to Mullet Lake Park Rd.	55	7,498	Stop	95.4	0.0	I	53.6	A				
Mullet Lake Park Rd. to Avenue C	55	12,461	Stop	159.6	0.0	I	53.2	A				
Avenue C to Hart Rd.	55	2,006	Stop	25.8	0.0	I	53.0	A				
Hart Rd. to Oak St.	55/45	739	Stop	10.2	0.0	I	49.4	A	53.2	A		
Oak St. to CR 426	45	1,426	Signal	42.6	8.4	II	22.8	C	22.8	C		
CR 426 to Lake Proctor Ct.	55	3,696	Stop	52.2	0.0	I	48.3	A				
Lake Proctor Ct. to Jungle Rd.	55	8,026	Stop	102.0	0.0	I	53.6	A	51.8	A		
Jungle Rd. to Volusia Co. Line	55	15,523	Stop	196.8	0.0	I	53.8	A	53.8	A		
TOTAL		85,536		1257.0	60.0						46.4	0.547 gal/veh

TABLE S1.2a
Year 2014 Seminole County Travel Time & Delay Study
SR 46 (Part A) - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR - Part A												
US 17/92 to Holly Ave.	40	686	Stop	13.8	0.0	II	33.9	B				
Holly Ave. to Poplar Ave.	40	845	Stop	14.4	0.0	II	40.0	A				
Poplar Ave. to Mangoustine Ave.	45/40	1,531	Stop	25.2	0.0	II	41.4	A				
Mangoustine Ave. to Persimmon Ave.	45	2,006	Stop	31.2	0.0	II	43.8	A				
Persimmon Ave. to Airport Blvd.	45	2,957	Signal	47.4	0.0	II	42.5	A	41.5	A		
Airport Blvd. to Rand Yard Rd.	45/55	1,426	Stop	30.0	1.2	I	32.4	C				
Rand Yard Rd. to Kennel Rd.	55	2,534	Stop	37.2	0.0	I	46.5	A				
Kennel Rd. to Cedar Rd.	55	1,320	Stop	18.6	0.0	I	48.4	A				
Cedar Rd. to Central Park Dr.	55	950	Signal	30.0	9.6	I	21.6	D				
Central Park Dr. to Upsala Rd./CR 15	55/45	1,690	Signal	45.0	9.0	I	25.6	D	33.6	C		
Upsala Rd./CR 15 to Rinehart Rd.	45	2,693	Signal	51.0	4.2	I	36.0	B	36.0	B		
Rinehart Rd. to Town Center Blvd.	45	1,003	Signal	16.2	0.0	I	42.2	A				
Town Center Blvd. to I-4 (E. Ramps)	45	898	Signal	21.0	6.0	I	29.1	C	34.8	B		
I-4 (E. Ramps) to I-4 (W. Ramps)	45	581	Signal	10.8	0.0	I	36.7	B				
I-4 (W. Ramps) to Wayside Dr.	45	845	Signal	15.6	0.0	I	36.9	B				
Wayside Dr. to International Pkwy.	45/50	2,059	Signal	36.0	3.6	I	39.0	B				
International Pkwy. to Lake Forest Blvd.	50	1,320	Signal	22.8	1.8	I	39.5	B	38.4	B		
Lake Forest Blvd. to Orange Blvd.	50/55	3,538	Signal	55.8	0.0	I	43.2	A	43.2	A		
Orange Blvd. to Wayside Dr.	55	1,742	Stop	29.4	0.0	I	40.4	B	40.4	B		
Wayside Dr. to Lake Markham Rd.	55	6,283	Stop	90.0	0.0	I	47.6	A				
Lake Markham Rd. to Longwood Markham Rd.	55	5,702	Signal	85.8	2.4	I	45.3	A				
Longwood Markham Rd. to Lake Co. Line	55	4,488	Stop	61.2	0.0	I	50.0	A	47.4	A		
TOTAL		47,098		788.4	37.8						40.7	0.302 gal/veh
PM PEAK HOUR - Part A												
US 17/92 to Holly Ave.	40	686	Stop	13.2	0.0	II	35.5	A				
Holly Ave. to Poplar Ave.	40	845	Stop	13.8	0.0	II	41.7	A				
Poplar Ave. to Mangoustine Ave.	45/40	1,531	Stop	25.2	0.0	II	41.4	A				
Mangoustine Ave. to Persimmon Ave.	45	2,006	Stop	31.2	0.0	II	43.8	A				
Persimmon Ave. to Airport Blvd.	45	2,957	Signal	44.4	0.0	II	45.4	A	42.8	A		
Airport Blvd. to Rand Yard Rd.	45/55	1,426	Stop	46.2	21.0	I	21.0	D				
Rand Yard Rd. to Kennel Rd.	55	2,534	Stop	36.6	0.0	I	47.2	A				
Kennel Rd. to Cedar Rd.	55	1,320	Stop	17.4	0.0	I	51.7	A				
Cedar Rd. to Central Park Dr.	55	950	Signal	27.0	7.8	I	24.0	D				
Central Park Dr. to Upsala Rd./CR 15	55/45	1,690	Signal	99.0	52.2	I	11.6	F	23.9	D		
Upsala Rd./CR 15 to Rinehart Rd.	45	2,693	Signal	46.8	0.0	I	39.2	B	39.2	B		
Rinehart Rd. to Town Center Blvd.	45	1,003	Signal	43.8	12.6	I	15.6	F				
Town Center Blvd. to I-4 (E. Ramps)	45	898	Signal	15.0	0.0	I	40.8	B	22.0	D		
I-4 (E. Ramps) to I-4 (W. Ramps)	45	581	Signal	9.6	0.0	I	41.2	B				
I-4 (W. Ramps) to Wayside Dr.	45	845	Signal	31.2	12.6	I	18.5	E				
Wayside Dr. to International Pkwy.	45/50	2,059	Signal	45.0	6.6	I	31.2	C				
International Pkwy. to Lake Forest Blvd.	50	1,320	Signal	21.6	0.0	I	41.7	B	30.5	C		
Lake Forest Blvd. to Orange Blvd.	50/55	3,538	Signal	63.6	3.6	I	37.9	B	37.9	B		
Orange Blvd. to Wayside Dr.	55	1,742	Stop	39.0	0.0	I	30.5	C	30.5	C		
Wayside Dr. to Lake Markham Rd.	55	6,283	Stop	94.2	0.0	I	45.5	A				
Lake Markham Rd. to Longwood Markham Rd.	55	5,702	Signal	86.4	3.6	I	45.0	A				
Longwood Markham Rd. to Lake Co. Line	55	4,488	Stop	60.6	0.0	I	50.5	A	46.6	A		
TOTAL		47,098		910.8	120.0						35.3	0.304 gal/veh

TABLE S1.2b
Year 2014 Seminole County Travel Time & Delay Study
SR 46 (Part B) - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR - Part B												
Volusia Co. Line to Jungle Rd.	55	15,523	Stop	198.0	0.0	I	53.5	A	53.5	A		
Jungle Rd. to Lake Proctor Ct.	55	8,026	Stop	102.0	0.0	I	53.6	A				
Lake Proctor Ct. to CR 426	55	3,696	Signal	66.0	6.6	I	38.2	B	47.6	A		
CR 426 to Oak St.	45	1,426	Stop	23.4	0.0	II	41.5	A	41.5	A		
Oak St. to Hart St.	45/55	739	Stop	9.6	0.0	I	52.5	A				
Hart St. to Avenue C	55	2,006	Stop	25.8	0.0	I	53.0	A				
Avenue C to Mullet Lake Park Rd.	55	12,461	Stop	160.2	0.0	I	53.0	A				
Mullet Lake Park Rd. to Osceola Rd.	55	7,498	Stop	96.0	0.0	I	53.2	A	53.1	A		
Osceola Rd. to Richmond Ave.	55	12,778	Stop	162.0	0.0	I	53.8	A	53.8	A		
Richmond Ave. to SR 415	55/50	2,112	Signal	84.6	31.8	I	17.0	E	17.0	E		
SR 415 to Beardall Ave.	50	3,168	Stop	51.0	0.0	I	42.4	A	42.4	A		
Beardall Ave. to Brisson Ave.	50	5,333	Stop	77.4	0.6	I	47.0	A				
Brisson Ave. to Mellonville Ave.	40/50	5,386	Stop	80.4	0.0	I	45.7	A	46.3	A		
Mellonville Ave. to Sanford Ave.	40	2,746	Signal	66.0	13.8	II	28.4	B	28.4	B		
Sanford Ave. to Park Ave.	35/40	950	Signal	23.4	3.6	II	27.7	C				
Park Ave. to US 17/92	30/35	1,690	Signal	51.6	6.6	II	22.3	C	24.0	C		
TOTAL		85,536		1277.4	63.0						45.7	0.547 gal/veh
PM PEAK HOUR - Part B												
Volusia Co. Line to Jungle Rd.	55	15,523	Stop	199.8	0.0	I	53.0	A	53.0	A		
Jungle Rd. to Lake Proctor Ct.	55	8,026	Stop	102.6	0.0	I	53.3	A				
Lake Proctor Ct. to CR 426	55	3,696	Signal	61.2	2.4	I	41.2	B	48.8	A		
CR 426 to Oak St.	45	1,426	Stop	22.8	0.0	II	42.6	A	42.6	A		
Oak St. to Hart St.	45/55	739	Stop	9.0	0.0	I	56.0	A				
Hart St. to Avenue C	55	2,006	Stop	25.2	0.0	I	54.3	A				
Avenue C to Mullet Lake Park Rd.	55	12,461	Stop	159.6	0.0	I	53.2	A				
Mullet Lake Park Rd. to Osceola Rd.	55	7,498	Stop	96.0	0.0	I	53.2	A	53.4	A		
Osceola Rd. to Richmond Ave.	55	12,778	Stop	161.4	0.0	I	54.0	A	54.0	A		
Richmond Ave. to SR 415	55/50	2,112	Signal	64.2	12.6	I	22.4	D	22.4	D		
SR 415 to Beardall Ave.	50	3,168	Stop	48.6	0.0	I	44.4	A	44.4	A		
Beardall Ave. to Brisson Ave.	50	5,333	Stop	76.8	0.0	I	47.3	A				
Brisson Ave. to Mellonville Ave.	40/50	5,386	Stop	84.6	0.0	I	43.4	A	45.3	A		
Mellonville Ave. to Sanford Ave.	40	2,746	Signal	73.8	19.2	II	25.4	C	25.4	C		
Sanford Ave. to Park Ave.	35/40	950	Signal	22.8	3.0	II	28.4	B				
Park Ave. to US 17/92	30/35	1,690	Signal	104.4	18.0	II	11.0	F	14.2	E		
TOTAL		85,536		1312.8	55.2						44.4	0.546 gal/veh

TABLE S2.1a

Year 2014 Seminole County Travel Time & Delay Study

SR 419 - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 434 to Layer Elementary	45	1,214	Signal	66.0	28.8	I	12.5	F				
Layer Elementary to Wade St.	45	581	Stop	10.8	0.0	I	36.7	B				
Wade St. to Moss Rd.	45/55	2,112	Stop	33.0	0.0	I	43.6	A				
Moss Rd. to Edgemon Ave.	55	739	Signal	16.8	3.0	I	30.0	C				
Edgemon Ave. to Valentine Way	55/45	6,283	Stop	96.6	0.0	I	44.3	A				
Valentine Way to US 17/92	45	2,534	Signal	91.8	37.2	I	18.8	E	29.1	C		
TOTAL		13,464		315.0	69.0						29.1	0.088 gal/veh
PM PEAK HOUR												
SR 434 to Layer Elementary	45	1,214	Signal	23.4	0.0	I	35.4	B				
Layer Elementary to Wade St.	45	581	Stop	10.2	0.0	I	38.8	B				
Wade St. to Moss Rd.	45/55	2,112	Stop	34.2	0.6	I	42.1	A				
Moss Rd. to Edgemon Ave.	55	739	Signal	15.6	1.2	I	32.3	C				
Edgemon Ave. to Valentine Way	55/45	6,283	Stop	96.6	0.0	I	44.3	A				
Valentine Way to US 17/92	45	2,534	Signal	74.4	24.6	I	23.2	D	36.1	B		
TOTAL		13,464		254.4	26.4						36.1	0.087 gal/veh

TABLE S2.1b

Year 2014 Seminole County Travel Time & Delay Study

SR 419 - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
US 17/92 to Valentine Way	45	2,534	Stop	40.8	0.0	I	42.4	A				
Valentine Way to Edgemon Ave.	45/55	6,283	Signal	93.0	3.0	I	46.1	A				
Edgemon Ave. to Moss Rd.	55	739	Stop	12.6	0.0	I	40.0	B				
Moss Rd. to Wade St.	55/45	2,112	Stop	31.2	0.0	I	46.2	A				
Wade St. to Layer Elementary	45	581	Signal	52.2	34.8	I	7.6	F				
Layer Elementary to SR 434	45	1,214	Signal	64.2	31.8	I	12.9	F	31.2	C		
TOTAL		13,464		294.0	69.6						31.2	0.088 gal/veh
PM PEAK HOUR												
US 17/92 to Valentine Way	45	2,534	Stop	43.8	0.0	I	39.5	B				
Valentine Way to Edgemon Ave.	45/55	6,283	Signal	99.6	4.8	I	43.0	A				
Edgemon Ave. to Moss Rd.	55	739	Stop	12.0	0.0	I	42.0	B				
Moss Rd. to Wade St.	55/45	2,112	Stop	32.4	1.2	I	44.4	A				
Wade St. to Layer Elementary	45	581	Signal	12.0	0.6	I	33.0	C				
Layer Elementary to SR 434	45	1,214	Signal	92.4	49.8	I	9.0	F	31.4	C		
TOTAL		13,464		292.2	56.4						31.4	0.087 gal/veh

TABLE S3.1a
Year 2014 Seminole County Travel Time & Delay Study
SR 434 (Part A) - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR - Part A												
Maitland Blvd. to Gateway Dr.	45	1,478	Signal	70.8	27.6	II	14.2	E				
Gateway Dr. to Trailwood Dr./Lotus Landing Blvd.	45	2,323	Signal	58.8	18.0	II	26.9	C				
Trailwood Dr./Lotus Landing Blvd. to W. Town Pkwy.	45	2,904	Signal	45.0	0.0	II	44.0	A	26.2	C		
W. Town Pkwy. to Orange Ave.	45	1,320	Signal	33.6	7.2	II	26.8	C				
Orange Ave. to SR 436	45	1,267	Signal	54.6	12.0	II	15.8	E	20.0	D		
SR 436 to San Sebastian Prado	45	2,429	Signal	45.0	2.4	II	36.8	A				
San Sebastian Prado to Sand Lake Rd.	45	2,904	Signal	69.0	16.2	II	28.7	B	31.9	B		
Sand Lake Rd. to Jamestown Blvd.	45	1,003	Signal	35.4	8.4	II	19.3	D				
Jamestown Blvd. to E. Lake Brantley Dr.	45	2,534	Signal	61.2	6.6	II	28.2	B				
E. Lake Brantley Dr. to Wekiva Springs Ln.	45	2,270	Signal	46.8	4.8	II	33.1	B				
Wekiva Springs Ln. to Wekiva Springs Rd./Montgomery Rd.	45	1,267	Signal	69.0	38.4	II	12.5	F	22.7	C		
Wekiva Springs Rd./Montgomery Rd. to Gum St./Springs Blvd.	45	581	Signal	12.6	0.0	II	31.4	B				
Gum St./Springs Blvd. to Sanlando Office Park	45	2,059	Signal	89.4	24.0	II	15.7	E				
Sanlando Office Park to Markham Woods Rd./Douglas Ave.	35	1,109	Signal	79.2	45.6	II	9.5	F	14.1	E		
TOTAL		25,450		770.4	211.2						22.5	0.172 gal/veh
PM PEAK HOUR - Part A												
Maitland Blvd. to Gateway Dr.	45	1,478	Signal	52.2	16.2	II	19.3	D				
Gateway Dr. to Trailwood Dr./Lotus Landing Blvd.	45	2,323	Signal	36.6	0.0	II	43.3	A				
Trailwood Dr./Lotus Landing Blvd. to W. Town Pkwy.	45	2,904	Signal	60.6	9.0	II	32.7	B	30.6	B		
W. Town Pkwy. to Orange Ave.	45	1,320	Signal	43.2	16.2	II	20.8	D				
Orange Ave. to SR 436	45	1,267	Signal	75.6	28.2	II	11.4	F	14.8	E		
SR 436 to San Sebastian Prado	45	2,429	Signal	39.6	0.0	II	41.8	A				
San Sebastian Prado to Sand Lake Rd.	45	2,904	Signal	60.0	9.6	II	33.0	B	36.5	A		
Sand Lake Rd. to Jamestown Blvd.	45	1,003	Signal	36.6	14.4	II	18.7	D				
Jamestown Blvd. to E. Lake Brantley Dr.	45	2,534	Signal	59.4	9.0	II	29.1	B				
E. Lake Brantley Dr. to Wekiva Springs Ln.	45	2,270	Signal	37.8	0.0	II	41.0	A				
Wekiva Springs Ln. to Wekiva Springs Rd./Montgomery Rd.	45	1,267	Signal	22.2	0.0	II	38.9	A	30.9	B		
Wekiva Springs Rd./Montgomery Rd. to Gum St./Springs Blvd.	45	581	Signal	10.2	0.0	II	38.8	A				
Gum St./Springs Blvd. to Sanlando Office Park	45	2,059	Signal	40.8	0.6	II	34.4	B				
Sanlando Office Park to Markham Woods Rd./Douglas Ave.	35	1,109	Signal	53.4	26.4	II	14.2	E	24.5	C		
TOTAL		25,450		628.2	129.6						27.6	0.169 gal/veh

TABLE S3.1b
Year 2014 Seminole County Travel Time & Delay Study
SR 434 (Part B) - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR - Part B												
Markham Woods Rd. to I-4 (W. Ramps)	35	1,003	Signal	49.2	25.2	II	13.9	E				
I-4 (W. Ramps) to I-4 (E. Ramps)	35	422	Signal	9.0	0.0	II	32.0	B	16.7	E		
I-4 (E. Ramps) to Raymond Ave.*	35	686	Signal	15.6	0.0	II	30.0	B	30.0	B		
Raymond Ave. to Tarrytown Tr./Roxboro Rd.*	35/45	2,587	Stop	43.8	0.0	II	40.3	A				
Tarrytown Tr./Roxboro Rd. to Tollgate Tr.*	45	1,848	Signal	28.8	0.0	II	43.7	A				
Tollgate Tr. to Palm Springs Dr.*	45	898	Signal	70.8	30.6	II	8.6	F	25.4	C		
Palm Springs Dr. to Rangeline Rd.*	45	3,062	Signal	105.6	30.6	II	19.8	D	19.8	D		
Rangeline Rd. to Florida Central Pkwy.	45	3,010	Signal	91.8	22.2	II	22.4	C				
Florida Central Pkwy. to CR 427/Ronald Reagan Blvd.	35	2,112	Signal	45.6	1.2	II	31.6	B	25.4	C		
CR 427/Ronald Reagan Blvd. to Grant St.	45	2,640	Signal	43.8	0.0	II	41.1	A				
Grant St. to S. Wayman St.	45	1,373	Signal	22.8	0.0	II	41.1	A				
S. Wayman St. to US 17/92	45	2,165	Signal	100.8	40.2	II	14.6	E	25.2	C		
US 17/92 to Sun Shadow Dr.	45	1,795	Signal	33.0	0.0	II	37.1	A				
Sun Shadow Dr. to N. Winter Park	45	1,426	Signal	37.8	4.8	II	25.7	C				
N. Winter Park to Sheoah Blvd.	45	1,214	Signal	37.2	11.4	II	22.3	C				
Sheoah Blvd. to Edgemon Ave.	45	1,214	Signal	20.4	0.0	II	40.6	A				
Edgemon Ave. to Moss Rd.	45	1,320	Signal	27.6	0.0	II	32.6	B	30.5	B		
Moss Rd. to Hayes Rd.	45	3,274	Signal	54.6	2.4	II	40.9	A				
Hayes Rd. to SR 419	45	1,584	Signal	32.4	0.0	II	33.3	B	38.1	A		
TOTAL		33,634		870.6	168.6						26.3	0.222 gal/veh
PM PEAK HOUR - Part B												
Markham Woods Rd. to I-4 (W. Ramps)	35	1,003	Signal	45.6	12.0	II	15.0	E				
I-4 (W. Ramps) to I-4 (E. Ramps)	35	422	Signal	9.6	0.0	II	30.0	B	17.6	D		
I-4 (E. Ramps) to Raymond Ave.*	35	686	Signal	25.2	8.4	II	18.6	D	18.6	D		
Raymond Ave. to Tarrytown Tr./Roxboro Rd.*	35/45	2,587	Stop	45.6	0.0	II	38.7	A				
Tarrytown Tr./Roxboro Rd. to Tollgate Tr.*	45	1,848	Signal	30.0	0.0	II	42.0	A				
Tollgate Tr. to Palm Springs Dr.*	45	898	Signal	96.6	55.8	II	6.3	F	21.1	D		
Palm Springs Dr. to Rangeline Rd.*	45	3,062	Signal	64.2	3.0	II	32.5	B	32.5	B		
Rangeline Rd. to Florida Central Pkwy.	45	3,010	Signal	100.8	19.2	II	20.4	D				
Florida Central Pkwy. to CR 427/Ronald Reagan Blvd.	35	2,112	Signal	76.2	17.4	II	18.9	D	19.7	D		
CR 427/Ronald Reagan Blvd. to Grant St.	45	2,640	Signal	46.2	0.0	II	39.0	A				
Grant St. to S. Wayman St.	45	1,373	Signal	22.2	0.0	II	42.2	A				
S. Wayman St. to US 17/92	45	2,165	Signal	126.0	51.6	II	11.7	F	21.7	D		
US 17/92 to Sun Shadow Dr.	45	1,795	Signal	41.4	6.6	II	29.6	B				
Sun Shadow Dr. to N. Winter Park	45	1,426	Signal	24.0	0.0	II	40.5	A				
N. Winter Park to Sheoah Blvd.	45	1,214	Signal	27.6	3.6	II	30.0	B				
Sheoah Blvd. to Edgemon Ave.	45	1,214	Signal	28.2	0.6	II	29.4	B				
Edgemon Ave. to Moss Rd.	45	1,320	Signal	25.8	1.2	II	34.9	B	32.3	B		
Moss Rd. to Hayes Rd.	45	3,274	Signal	54.0	0.0	II	41.3	A				
Hayes Rd. to SR 419	45	1,584	Signal	44.4	9.6	II	24.3	C	33.7	B		
TOTAL		33,634		933.6	189.0						24.6	0.225 gal/veh

* Construction in progress on SR 434 from I-4 to Rangeline Rd (Financial Project ID: 240233-3-52-01) which may have skewed the LOS for the segments.

TABLE S3.1c
Year 2014 Seminole County Travel Time & Delay Study
SR 434 (Part C) - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR - Part C												
SR 419 to Consolidated Services/Orange Ave.	50	950	Signal	31.8	2.4	I	20.4	E				
Consolidated/Orange Ave. to Winding Hollow Blvd.	50	2,376	Signal	39.0	3.6	I	41.5	B				
Winding Hollow Blvd. to Central Winds Park	50/45	3,802	Signal	62.4	2.4	I	41.5	B				
Central Winds Park to Doran Rd.	45	2,218	Signal	33.6	0.0	I	45.0	A				
Doran Rd. to Tuskawilla Rd.	45	1,426	Signal	54.6	20.4	I	17.8	E	33.2	C		
Tuskawilla Rd. to Spring Ave.	50	8,923	Stop	125.4	0.0	I	48.5	A				
Spring Ave. to Vistawilla Dr.	50	1,056	Signal	18.6	1.2	I	38.7	B				
Vistawilla Drive to SR 417 (S. Ramps)	45	1,690	Signal	40.2	6.6	I	28.7	C	43.2	A		
SR 417 (S. Ramps) to SR 417 (N. Ramps)	45	581	Signal	21.0	4.8	I	18.9	E				
SR 417 (N. Ramps) to Palm Dr.	45	1,162	Stop	21.0	0.0	I	37.7	B				
Palm Dr. to De Leon St.	45	4,330	Stop	70.8	0.0	I	41.7	B	36.7	B		
De Leon St. to Magnolia St.	45/40	4,805	Signal	89.4	1.2	II	36.6	A				
Magnolia St. to SR 426/CR 419	40/30	2,482	Signal	112.8	40.2	II	15.0	E	24.6	C		
SR 426/CR 419 to Clark St.	30/35	1,320	Stop	45.6	14.4	II	19.7	D				
Clark St. to Mitchell Hammock Rd.	35/45	3,960	Signal	196.8	81.6	II	13.7	E				
Mitchell Hammock Rd. to Alafaya Woods Blvd.	45	2,376	Signal	40.8	1.2	II	39.7	A	18.4	D		
Alafaya Woods Blvd. to Chapman Rd.	50	3,010	Signal	46.8	1.2	II	43.8	A				
Chapman Rd. to Stillwater Dr.	50	3,221	Stop	48.0	1.8	II	45.7	A				
Stillwater Dr. to Carrigan Ave.	50	2,112	Signal	37.2	3.0	II	38.7	A				
Carrigan Ave. to Econ River Pl.	50	845	Stop	12.6	0.0	II	45.7	A				
Econ River Pl. to E. Palm Valley Dr.	50	3,062	Signal	57.6	1.8	II	36.2	A				
E. Palm Valley Dr. to McCulloch Rd.	50	1,373	Signal	46.8	3.0	II	20.0	D	37.3	A		
TOTAL		57,077		1,252.8	190.8						31.1	0.372 gal/veh
PM PEAK HOUR - Part C												
SR 419 to Consolidated Services/Orange Ave.	50	950	Signal	31.2	1.2	I	20.8	E				
Consolidated/Orange Ave. to Winding Hollow Blvd.	50	2,376	Signal	45.0	3.6	I	36.0	B				
Winding Hollow Blvd. to Central Winds Park	50/45	3,802	Signal	56.4	0.0	I	46.0	A				
Central Winds Park to Doran Rd.	45	2,218	Signal	42.0	3.0	I	36.0	B				
Doran Rd. to Tuskawilla Rd.	45	1,426	Signal	33.6	3.6	I	28.9	C	35.3	B		
Tuskawilla Rd. to Spring Ave.	50	8,923	Stop	126.0	0.0	I	48.3	A				
Spring Ave. to Vistawilla Dr.	50	1,056	Signal	16.8	0.0	I	42.9	A				
Vistawilla Drive to SR 417 (S. Ramps)	45	1,690	Signal	61.2	12.0	I	18.8	E	39.0	B		
SR 417 (S. Ramps) to SR 417 (N. Ramps)	45	581	Signal	13.8	0.0	I	28.7	C				
SR 417 (N. Ramps) to Palm Dr.	45	1,162	Stop	22.8	0.0	I	34.7	B				
Palm Dr. to De Leon St.	45	4,330	Stop	76.8	0.0	I	38.4	B	36.5	B		
De Leon St. to Magnolia St.	45/40	4,805	Signal	105.6	7.8	II	31.0	B				
Magnolia St. to SR 426/CR 419	40/30	2,482	Signal	111.0	34.2	II	15.2	E	22.9	C		
SR 426/CR 419 to Clark St.	30/35	1,320	Stop	56.4	8.4	II	16.0	E				
Clark St. to Mitchell Hammock Rd.	35/45	3,960	Signal	184.8	99.6	II	14.6	E				
Mitchell Hammock Rd. to Alafaya Woods Blvd.	45	2,376	Signal	60.0	13.8	II	27.0	C	17.3	D		
Alafaya Woods Blvd. to Chapman Rd.	50	3,010	Signal	75.0	10.2	II	27.4	C				
Chapman Rd. to Stillwater Dr.	50	3,221	Stop	74.4	13.8	II	29.5	B				
Stillwater Dr. to Carrigan Ave.	50	2,112	Signal	30.6	0.0	II	47.1	A				
Carrigan Ave. to Econ River Pl.	50	845	Stop	11.4	0.0	II	50.5	A				
Econ River Pl. to E. Palm Valley Dr.	50	3,062	Signal	56.4	6.6	II	37.0	A				
E. Palm Valley Dr. to McCulloch Rd.	50	1,373	Signal	81.0	30.0	II	11.6	F	28.2	B		
TOTAL		57,077		1,372.2	247.8						28.4	0.376 gal/veh

* Construction in progress on SR 434 from Jetta Point Dr to Clonts St (Financial Project IDs: 422015-2 & 427259-1) which may have skewed the LOS for the segments.

TABLE S3.2a
Year 2014 Seminole County Travel Time & Delay Study
SR 434 (Part A) - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR - Part A												
Markham Woods Rd./Douglas Ave. to Sanlando Office Park	35	1,109	Signal	17.4	0.0	II	43.4	A				
Sanlando Office Park to Gum St./Springs Blvd	45	2,059	Signal	46.8	4.8	II	30.0	B				
Gum St./Springs Blvd to Montgomery Rd./Wekiva Springs Rd.	45	581	Signal	12.0	0.0	II	33.0	B	33.5	B		
Montgomery Rd./Wekiva Springs Rd. to Wekiva Springs Ln.	45	1,267	Signal	55.8	32.4	II	15.5	E				
Wekiva Springs Ln. to E. Lake Brantley Dr.	45	2,270	Signal	49.2	36.6	II	31.5	B				
E. Lake Brantley Dr. to Jamestown Blvd.	45	2,534	Signal	65.4	11.4	II	26.4	C				
Jamestown Blvd. to Sand Lake Rd.	45	1,003	Signal	46.2	12.6	II	14.8	E	22.3	C		
Sand Lake Rd. to San Sebastian Prado	45	2,904	Signal	48.6	0.0	II	40.7	A				
San Sebastian Prado to SR 436	45	2,429	Signal	151.2	79.2	II	11.0	F	18.2	D		
SR 436 to Orange Ave.	45	1,267	Signal	33.6	0.0	II	25.7	C				
Orange Ave. to W. Town Pkwy.	45	1,320	Signal	30.0	2.4	II	30.0	B	27.7	C		
W. Town Pkwy. to Trailwood Dr./Lotus Landing Blvd.	45	2,904	Signal	45.6	0.6	II	43.4	A				
Trailwood Dr./Lotus Landing Blvd. to Gateway Dr.	45	2,323	Signal	38.4	0.0	II	41.2	A				
Gateway Dr. to Maitland Blvd.	45	1,478	Signal	23.4	0.0	II	43.1	A	42.6	A		
TOTAL		25,450		663.6	180.0						26.1	0.168 gal/veh
PM PEAK HOUR - Part A												
Markham Woods Rd./Douglas Ave. to Sanlando Office Park	35	1,109	Signal	18.0	0.0	II	42.0	A				
Sanlando Office Park to Gum St./Springs Blvd	45	2,059	Signal	43.8	4.8	II	32.1	B				
Gum St./Springs Blvd to Montgomery Rd./Wekiva Springs Rd.	45	581	Signal	26.4	12.6	II	15.0	E	29.0	B		
Montgomery Rd./Wekiva Springs Rd. to Wekiva Springs Ln.	45	1,267	Signal	19.8	0.0	II	43.6	A				
Wekiva Springs Ln. to E. Lake Brantley Dr.	45	2,270	Signal	36.0	0.0	II	43.0	A				
E. Lake Brantley Dr. to Jamestown Blvd.	45	2,534	Signal	48.0	0.6	II	36.0	A				
Jamestown Blvd. to Sand Lake Rd.	45	1,003	Signal	34.8	9.6	II	19.7	D	34.8	B		
Sand Lake Rd. to San Sebastian Prado	45	2,904	Signal	50.4	0.6	II	39.3	A				
San Sebastian Prado to SR 436	45	2,429	Signal	151.8	34.8	II	10.9	F	18.0	D		
SR 436 to Orange Ave.	45	1,267	Signal	22.2	0.0	II	38.9	A				
Orange Ave. to W. Town Pkwy.	45	1,320	Signal	53.4	21.6	II	16.9	E	23.3	C		
W. Town Pkwy. to Trailwood Dr./Lotus Landing Blvd.	45	2,904	Signal	45.6	0.0	II	43.4	A				
Trailwood Dr./Lotus Landing Blvd. to Gateway Dr.	45	2,323	Signal	42.0	1.8	II	37.7	A				
Gateway Dr. to Maitland Blvd.	45	1,478	Signal	24.6	0.0	II	41.0	A	40.7	A		
TOTAL		25,450		616.8	86.4						28.1	0.168 gal/veh

TABLE S3.2b
Year 2014 Seminole County Travel Time & Delay Study
SR 434 (Part B) - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR - Part B												
SR 419 to Hayes Rd.	45	1,584	Signal	30.6	3.6	II	35.3	A				
Hayes Rd. to Moss Rd.	45	3,274	Signal	59.4	5.4	II	37.6	A	36.8	A		
Moss Rd. to Edgemon Ave.	45	1,320	Signal	22.2	0.0	II	40.5	A				
Edgemon Ave. to Sheoah Blvd.	45	1,214	Signal	28.2	2.4	II	29.4	B				
Sheoah Blvd. to N. Winter Park	45	1,214	Signal	27.0	2.4	II	30.7	B				
N. Winter Park to Sun Shadow Dr.	45	1,426	Signal	43.2	6.6	II	22.5	C				
Sun Shadow Dr. to US 17/92	45	1,795	Signal	81.0	39.6	II	15.1	E	23.6	C		
US 17/92 to S. Wayman St.	45	2,165	Signal	39.6	0.0	II	37.3	A				
S. Wayman St. to Grant St.	45	1,373	Signal	21.6	0.0	II	43.3	A				
Grant St. to CR 427/Ronald Reagan Blvd.	45/35	2,640	Signal	75.6	20.4	II	23.8	C	30.8	B		
CR 427/Ronald Reagan Blvd. to Florida Central Pkwy.	35/45	2,112	Signal	39.0	0.0	II	36.9	A				
Florida Central Pkwy. to Rangeline Rd.	45	3,010	Signal	61.8	1.8	II	33.2	B				
Rangeline Rd. to Palm Springs Dr.*	45	3,062	Signal	70.8	7.2	II	29.5	B	32.5	B		
Palm Springs Dr. to Tollgate Tr.*	45	898	Signal	24.6	5.4	II	24.9	C				
Tollgate Tr. to Tarrytown Tr./Roxboro Rd.*	45	1,848	Stop	30.6	0.0	II	41.2	A				
Tarrytown Tr./Roxboro Rd. to Raymond Ave.*	45/35	2,587	Signal	91.8	24.0	II	19.2	D	24.7	C		
Raymond Ave. to I-4 (E. Ramps)*	35	686	Signal	59.4	40.8	II	7.9	F	7.9	F		
I-4 (E. Ramps) to I-4 (W. Ramps)	35	422	Signal	8.4	0.0	II	34.3	B				
I-4 West Ramp to Markham Woods Rd.	35	1,003	Signal	30.0	12.0	II	22.8	C	25.3	C		
TOTAL		33,634		844.8	171.6						27.1	0.223 gal/veh
PM PEAK HOUR - Part B												
SR 419 to Hayes Rd.	45	1,584	Signal	32.4	3.0	II	33.3	B				
Hayes Rd. to Moss Rd.	45	3,274	Signal	60.6	3.0	II	36.8	A	35.6	A		
Moss Rd. to Edgemon Ave.	45	1,320	Signal	33.0	5.4	II	27.3	C				
Edgemon Ave. to Sheoah Blvd.	45	1,214	Signal	21.6	0.0	II	38.3	A				
Sheoah Blvd. to N. Winter Park	45	1,214	Signal	27.0	4.2	II	30.7	B				
N. Winter Park to Sun Shadow Dr.	45	1,426	Signal	34.8	6.6	II	27.9	C				
Sun Shadow Dr. to US 17/92	45	1,795	Signal	77.4	23.4	II	15.8	E	24.5	C		
US 17/92 to S. Wayman St.	45	2,165	Signal	54.0	9.6	II	27.3	C				
S. Wayman St. to Grant St.	45	1,373	Signal	24.6	0.0	II	38.0	A				
Grant St. to CR 427/Ronald Reagan Blvd.	45/35	2,640	Signal	132.0	54.0	II	13.6	E	20.0	D		
CR 427/Ronald Reagan Blvd. to Florida Central Pkwy.	35/45	2,112	Signal	48.6	1.8	II	29.6	B				
Florida Central Pkwy. to Rangeline Rd.	45	3,010	Signal	107.4	38.4	II	19.1	D				
Rangeline Rd. to Palm Springs Dr.*	45	3,062	Signal	67.2	3.6	II	31.1	B	25.0	C		
Palm Springs Dr. to Tollgate Tr.*	45	898	Signal	27.6	5.4	II	22.2	C				
Tollgate Tr. to Tarrytown Tr./Roxboro Rd.*	45	1,848	Stop	64.2	15.0	II	19.6	D				
Tarrytown Tr./Roxboro Rd. to Raymond Ave.*	45/35	2,587	Signal	241.2	141.0	II	7.3	F	10.9	F		
Raymond Ave. to I-4 (E. Ramps)*	35	686	Signal	82.2	48.0	II	5.7	F	5.7	F		
I-4 (E. Ramps) to I-4 (W. Ramps)	35	422	Signal	10.2	0.0	II	28.2	B				
I-4 West Ramp to Markham Woods Rd.	35	1,003	Signal	28.2	6.0	II	24.3	C	25.3	C		
TOTAL		33,634		1,174.2	368.4						19.5	0.231 gal/veh

* Construction in progress on SR 434 from I-4 to Rangeline Rd (Financial Project ID: 240233-3-52-01) which may have skewed the LOS for the segments.

TABLE S3.2c
Year 2014 Seminole County Travel Time & Delay Study
SR 434 (Part C) - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR - Part C												
McCulloch Rd to E. Palm Valley Dr.	50	1,373	Signal	22.8	0.0	II	41.1	A				
E. Palm Valley Dr. to Econ River Pl.	50	3,062	Stop	42.0	0.0	II	49.7	A				
Econ River Pl. to Carrigan Ave.	50	845	Signal	12.0	0.0	II	48.0	A				
Carrigan Ave. to Stillwater Dr.	50	2,112	Stop	28.8	0.0	II	50.0	A				
Stillwater Dr. to Chapman Rd.	50	3,221	Signal	82.2	13.2	II	26.7	C				
Chapman Rd. to Alafaya Woods Blvd.	50	3,010	Signal	58.8	5.4	II	34.9	B	37.7	A		
Alafaya Woods Blvd. to Mitchell Hammock Rd.	45	2,376	Signal	77.4	16.8	II	20.9	D				
Mitchell Hammock Rd. to Clark St.	45/35	3,960	Stop	79.8	0.0	II	33.8	B				
Clark St. to SR 426/CR 419	35/30	1,531	Signal	123.0	58.2	II	8.5	F	19.1	D		
SR 426/CR 419 to Magnolia St.	30/40	2,534	Signal	67.2	4.8	II	25.7	C				
Magnolia St. to De Leon St.	40	4,805	Stop	88.8	3.0	II	36.9	A	32.1	B		
De Leon St. to Palm Dr.	45/40	4,330	Stop	76.2	0.6	I	38.7	B				
Palm Dr. to SR 417 (N. Ramps)	45	1,162	Signal	34.2	9.0	I	23.2	D				
SR 417 (N. Ramps) to SR 417 (S. Ramps)	45	581	Signal	11.4	0.0	I	34.7	B	34.0	C		
SR 417 (S. Ramps) to Vistawilla Dr.	45/50	1,690	Signal	25.8	0.0	I	44.6	A				
Vistawilla Dr. to Spring Ave.	50	1,056	Stop	16.8	0.0	I	42.9	A				
Spring Ave. to Tuskawilla Rd.	45/50	8,923	Signal	137.4	4.8	I	44.3	A	44.2	A		
Tuskawilla Rd. to Doran Rd.	45	1,426	Signal	24.6	0.0	I	39.5	B				
Doran Rd. to Central Winds Park	45	2,218	Signal	45.6	3.0	I	33.2	C				
Central Winds Park to Winding Hollow Blvd.	50	3,802	Signal	75.6	10.8	I	34.3	B				
Winding Hollow Blvd. to Consolidated/Orange Ave.	50	2,376	Signal	44.4	4.2	I	36.5	B				
Consolidated/Orange Ave. to SR 419	50	950	Signal	64.2	34.2	I	10.1	F	28.9	C		
TOTAL		57,341		1,239.0	168.0						31.6	0.378 gal/veh
PM PEAK HOUR - Part C												
McCulloch Rd to E. Palm Valley Dr.	50	1,373	Signal	25.8	0.0	II	36.3	A				
E. Palm Valley Dr. to Econ River Pl.	50	3,062	Stop	43.2	0.0	II	48.3	A				
Econ River Pl. to Carrigan Ave.	50	845	Signal	19.2	0.6	II	30.0	B				
Carrigan Ave. to Stillwater Dr.	50	2,112	Stop	30.0	0.0	II	48.0	A				
Stillwater Dr. to Chapman Rd.	50	3,221	Signal	79.8	16.2	II	27.5	C				
Chapman Rd. to Alafaya Woods Blvd.	50	3,010	Signal	51.6	0.0	II	39.8	A	37.2	A		
Alafaya Woods Blvd. to Mitchell Hammock Rd.	45	2,376	Signal	157.2	83.4	II	10.3	F				
Mitchell Hammock Rd. to Clark St.	45/35	3,960	Stop	93.0	0.0	II	29.0	B				
Clark St. to SR 426/CR 419	35/30	1,531	Signal	152.4	74.4	II	6.9	F	13.3	E		
SR 426/CR 419 to Magnolia St.	30/40	2,534	Signal	66.6	4.2	II	25.9	C				
Magnolia St. to De Leon St.	40	4,805	Stop	81.0	0.0	II	40.4	A	33.9	B		
De Leon St. to Palm Dr.	45/40	4,330	Stop	76.2	2.4	I	38.7	B				
Palm Dr. to SR 417 (N. Ramps)	45	1,162	Signal	38.4	13.8	I	20.6	E				
SR 417 (N. Ramps) to SR 417 (S. Ramps)	45	581	Signal	23.4	7.2	I	16.9	E	30.0	C		
SR 417 (S. Ramps) to Vistawilla Dr.	45/50	1,690	Signal	27.6	0.0	I	41.7	B				
Vistawilla Dr. to Spring Ave.	50	1,056	Stop	15.0	0.0	I	48.0	A				
Spring Ave. to Tuskawilla Rd.	45/50	8,923	Signal	169.8	30.6	I	35.8	B	37.5	B		
Tuskawilla Rd. to Doran Rd.	45	1,426	Signal	34.8	7.8	I	27.9	C				
Doran Rd. to Central Winds Park	45	2,218	Signal	54.6	13.2	I	27.7	C				
Central Winds Park to Winding Hollow Blvd.	50	3,802	Signal	63.0	0.6	I	41.1	B				
Winding Hollow Blvd. to Consolidated/Orange Ave.	50	2,376	Signal	36.6	0.0	I	44.3	A				
Consolidated/Orange Ave. to SR 419	50	950	Signal	42.0	15.0	I	15.4	F	31.8	C		
TOTAL		57,341		1,381.2	269.4						28.3	0.379 gal/veh

* Construction in progress on SR 434 from Jetta Point Dr to Clonts St (Financial Project IDs: 422015-2 & 427259-1) which may have skewed the LOS for the segments.

TABLE S4.1a
Year 2014 Seminole County Travel Time & Delay Study
SR 436 (Part A) - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR - Part A												
Line Dr. to Balmy Beach Dr.	45	1,531	Signal	35.4	4.2	II	29.5	B				
Balmy Beach Dr. to Hunt Club Blvd.	45	1,795	Signal	47.4	7.2	II	25.8	C	27.4	C		
Hunt Club Blvd. to Bear Lake Rd.	45	2,006	Signal	38.4	1.8	II	35.6	A	35.6	A		
Bear Lake Rd. to Harley Lester Rd.	45	739	Flashing Signal	12.0	0.0	II	42.0	A				
Harley Lester Ln. to Post Lake Pl.	45	1,690	Signal	25.8	0.0	II	44.6	A				
Post Lake Pl. to W. Lake Brantley Rd.	45	1,795	Signal	28.8	0.0	II	42.5	A				
W. Lake Brantley Rd. to Pearl Lake Causeway	45	1,320	Signal	23.4	0.0	II	38.5	A				
Pearl Lake Causeway to Maple St/Center Entrance	45	1,162	Signal	19.8	0.0	II	40.0	A				
Maple St/Center Entrance to SR 434	45	1,478	Signal	55.8	21.0	II	18.1	D	33.7	B		
SR 434 to San Sebastian Prado	45	1,478	Signal	25.8	0.0	II	39.1	A				
San Sebastian Prado to Weathersfield Ave.	45	2,851	Signal	76.2	11.4	II	25.5	C				
Weathersfield Ave. to Montgomery Rd.	45	1,214	Signal	34.2	6.6	II	24.2	C	27.8	C		
Montgomery Rd.to Lynchfield Ave.	45	1,214	Signal	24.0	1.2	II	34.5	B				
Lynchfield Ave. to Grace Blvd.	45	634	Signal	16.8	1.2	II	25.7	C				
Grace Blvd. to Westmonte Dr.	45	1,056	Signal	60.0	34.2	II	12.0	F				
Westmonte Dr. to Wymore Rd./Douglas Ave.	45	1,056	Signal	66.6	16.2	II	10.8	F	16.1	E		
Wymore Rd./Douglas Ave. to I-4 (W. Ramps)	40	317	Signal	10.2	1.8	II	21.2	D				
I-4 (W. Ramps) to I-4 (E. Ramps)	40	475	Signal	9.0	0.0	II	36.0	A	28.1	B		
I-4 (E. Ramps) to North Lake Blvd.	40/45	1,162	Signal	29.4	4.8	II	26.9	C	26.9	C		
TOTAL		24,974		639.0	111.6						26.6	0.167 gal/veh
PM PEAK HOUR - Part A												
Line Dr. to Balmy Beach Dr.	45	1,531	Signal	33.6	5.4	II	31.1	B				
Balmy Beach Dr. to Hunt Club Blvd.	45	1,795	Signal	46.8	13.2	II	26.2	C	28.2	B		
Hunt Club Blvd. to Bear Lake Rd.	45	2,006	Signal	34.2	0.0	II	40.0	A	40.0	A		
Bear Lake Rd. to Harley Lester Rd.	45	739	Flashing Signal	12.0	0.0	II	42.0	A				
Harley Lester Ln. to Post Lake Pl.	45	1,690	Signal	38.4	6.6	II	30.0	B				
Post Lake Pl. to W. Lake Brantley Rd.	45	1,795	Signal	34.2	3.6	II	35.8	A				
W. Lake Brantley Rd. to Pearl Lake Causeway	45	1,320	Signal	22.2	0.0	II	40.5	A				
Pearl Lake Causeway to Maple St/Center Entrance	45	1,162	Signal	25.8	0.6	II	30.7	B				
Maple St/Center Entrance to SR 434	45	1,478	Signal	56.4	22.8	II	17.9	D	29.5	B		
SR 434 to San Sebastian Prado	45	1,478	Signal	25.2	0.0	II	40.0	A				
San Sebastian Prado to Weathersfield Ave.	45	2,851	Signal	93.0	32.4	II	20.9	D				
Weathersfield Ave. to Montgomery Rd.	45	1,214	Signal	54.6	18.0	II	15.2	E	21.9	D		
Montgomery Rd.to Lynchfield Ave.	45	1,214	Signal	27.6	3.0	II	30.0	B				
Lynchfield Ave. to Grace Blvd.	45	634	Signal	14.4	1.2	II	30.0	B				
Grace Blvd. to Westmonte Dr.	45	1,056	Signal	75.0	38.4	II	9.6	F				
Westmonte Dr. to Wymore Rd./Douglas Ave.	45	1,056	Signal	67.8	37.8	II	10.6	F	14.6	E		
Wymore Rd./Douglas Ave. to I-4 (W. Ramps)	40	317	Signal	38.4	28.8	II	5.6	F				
I-4 (W. Ramps) to I-4 (E. Ramps)	40	475	Signal	9.6	0.0	II	33.7	B	11.2	F		
I-4 (E. Ramps) to North Lake Blvd.	40/45	1,162	Signal	57.0	32.4	II	13.9	E	13.9	E		
TOTAL		24,974		766.2	244.2						22.2	0.169 gal/veh

TABLE S4.1b
Year 2014 Seminole County Travel Time & Delay Study
SR 436 (Part B) - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR - Part B												
North Lake Blvd. to Hattaway Dr.	40	686	Signal	19.8	0.0	II	23.6	C				
Hattaway Dr. to Renaissance Dr.	40	686	Signal	12.0	0.0	II	39.0	A				
Renaissance Dr. to Essex St.	40	686	Signal	20.4	5.4	II	22.9	C				
Essex St. to Mall Entrance	40	634	Signal	12.0	0.0	II	36.0	A				
Mall Entrance to Palm Springs Dr.	40	634	Signal	55.2	28.2	II	7.8	F	19.0	D		
Palm Springs Dr. to Boston Ave.	40	950	Signal	31.2	5.4	II	20.8	D				
Boston Ave. to CR 427/Maitland Ave.	40	1,690	Signal	39.0	6.6	II	29.5	B	25.6	C		
CR 427/Maitland Ave. to CR 427/Ronald Reagan Blvd.	40	2,587	Signal	66.6	12.6	II	26.5	C	26.5	C		
CR 427/Ronald Reagan Blvd. to Prarie Lake Dr.	40	1,531	Signal	28.8	0.0	II	36.2	A				
Prarie Lake Dr. to Anchor Rd.	40	2,429	Signal	42.0	0.0	II	39.4	A				
Anchor Rd. to US 17/92	40	1,584	Signal	143.4	78.6	II	7.5	F	17.6	D		
US 17/92 to Plaza Entrance	40	898	Signal	18.0	0.0	II	34.0	B				
Plaza Entrance to Oxford Rd.	40	528	Signal	9.6	0.0	II	37.5	A				
Oxford Rd. to Fern Park Blvd.*	40/45	1,214	Signal	27.6	1.8	II	30.0	B				
Fern Park Blvd. to Wilshire Blvd.*	45	2,851	Signal	57.0	9.0	II	34.1	B				
Wilshire Blvd. to Kewanee Tr.*	45	1,373	Signal	42.6	15.6	II	22.0	D				
Kewanee Tr. to Red Bug Lake Rd.*	45	1,003	Signal	52.2	26.4	II	13.1	E	25.9	C		
Red Bug Lake Rd. to Sausalito Blvd.*	45	950	Signal	19.2	0.0	II	33.7	B				
Sausalito Blvd. to Lake Howell Rd.*	45/50	1,848	Signal	42.6	0.0	I	29.6	C	30.9	C		
Lake Howell Rd. to Lake Howell Square	50	1,320	Signal	54.0	23.4	I	16.7	E				
Lake Howell Square to Lake Howell Ln.	50	1,373	Signal	36.6	10.8	I	25.6	D				
Lake Howell Ln. to Howell Branch Rd.	50	2,851	Signal	107.4	25.8	I	18.1	E	19.1	E		
Howell Branch Rd. to Winter Woods Blvd.	50	2,482	Signal	38.4	0.0	I	44.1	A				
Winter Woods Blvd. to Castelton Blvd.	50	2,798	Signal	53.4	7.8	I	35.7	B	39.2	B		
TOTAL		35,587		1029.0	257.4						23.6	0.236 gal/veh
PM PEAK HOUR - Part B												
North Lake Blvd. to Hattaway Dr.	40	686	Signal	26.4	10.8	II	17.7	D				
Hattaway Dr. to Renaissance Dr.	40	686	Signal	19.2	4.2	II	24.4	C				
Renaissance Dr. to Essex St.	40	686	Signal	26.4	12.0	II	17.7	D				
Essex St. to Mall Entrance	40	634	Signal	16.2	0.6	II	26.7	C				
Mall Entrance to Palm Springs Dr.	40	634	Signal	54.6	21.0	II	7.9	F	15.9	E		
Palm Springs Dr. to Boston Ave.	40	950	Signal	22.8	1.2	II	28.4	B				
Boston Ave. to CR 427/Maitland Ave.	40	1,690	Signal	29.4	0.0	II	39.2	A	34.5	B		
CR 427/Maitland Ave. to CR 427/Ronald Reagan Blvd.	40	2,587	Signal	53.4	3.0	II	33.0	B	33.0	B		
CR 427/Ronald Reagan Blvd. to Prarie Lake Dr.	40	1,531	Signal	33.0	3.6	II	31.6	B				
Prarie Lake Dr. to Anchor Rd.	40	2,429	Signal	45.6	0.0	II	36.3	A				
Anchor Rd. to US 17/92	40	1,584	Signal	133.2	78.0	II	8.1	F	17.8	D		
US 17/92 to Plaza Entrance	40	898	Signal	36.6	10.2	II	16.7	E				
Plaza Entrance to Oxford Rd.	40	528	Signal	14.4	2.4	II	25.0	C				
Oxford Rd. to Fern Park Blvd.*	40/45	1,214	Signal	22.8	0.0	II	36.3	A				
Fern Park Blvd. to Wilshire Blvd.*	45	2,851	Signal	117.6	37.8	II	16.5	E				
Wilshire Blvd. to Kewanee Tr.*	45	1,373	Signal	97.2	43.8	II	9.6	F				
Kewanee Tr. to Red Bug Lake Rd.*	45	1,003	Signal	39.6	12.0	II	17.3	D	16.3	E		
Red Bug Lake Rd. to Sausalito Blvd.*	45	950	Signal	25.2	3.6	II	25.7	C				
Sausalito Blvd. to Lake Howell Rd.*	45/50	1,848	Signal	51.0	18.0	I	24.7	D	25.0	D		
Lake Howell Rd. to Lake Howell Square	50	1,320	Signal	66.0	28.8	I	13.6	F				
Lake Howell Square to Lake Howell Ln.	50	1,373	Signal	46.2	11.4	I	20.3	E				
Lake Howell Ln. to Howell Branch Rd.	50	2,851	Signal	141.0	42.0	I	13.8	F	14.9	F		
Howell Branch Rd. to Winter Woods Blvd.	50	2,482	Signal	42.6	1.8	I	39.7	B				
Winter Woods Blvd. to Castelton Blvd.	50	2,798	Signal	43.2	0.0	I	44.2	A	42.0	B		
TOTAL		35,587		1203.6	346.2						20.2	0.243 gal/veh

* Construction in progress on SR 436 from W of Oxford Rd to Lake Howell Rd (Financial Project IDs: 422707-1-52-01 & 419369-1-52-01) which may have skewed the LOS for the segments.

TABLE S4.2a
Year 2014 Seminole County Travel Time & Delay Study
SR 436 (Part A) - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR - Part A												
North Lake Blvd. to I-4 (E. Ramps)	40	1,162	Signal	63.6	33.0	II	12.5	F	12.5	F		
I-4 (E. Ramps) to I-4 (W. Ramps)	40	475	Signal	11.4	0.0	II	28.4	B				
I-4 (W. Ramps) to Wymore Rd./Douglas Ave.	40	317	Signal	6.0	0.0	II	36.0	A	31.0	B		
Wymore Rd./Douglas Ave. to Westmonte Dr.	40/45	1,056	Signal	16.8	0.0	II	42.9	A				
Westmonte Dr. to Grace Blvd.	45	1,056	Signal	16.8	0.0	II	42.9	A				
Grace Blvd. to Lynchfield Dr.	45	634	Signal	15.6	3.0	II	27.7	C				
Lynchfield Dr. to Montgomery Rd.	45	1,214	Signal	24.6	3.6	II	33.7	B	36.6	A		
Montgomery Rd. to Weathersfield Dr.	45	1,214	Signal	21.0	0.0	II	39.4	A				
Weathersfield Dr. San Sebastian Prado	45	2,851	Signal	57.6	9.6	II	33.7	B				
San Sebastian Prado to SR 434	45	1,478	Signal	83.4	48.6	II	12.1	F	23.3	C		
SR 434 to Maple St/Center Entrance	45	1,478	Signal	25.8	0.0	II	39.1	A				
Maple St/Center Entrance to Pearl Lake Causeway	45	1,162	Signal	19.2	0.0	II	41.2	A				
Pearl Lake Causeway to W. Lake Brantley Rd.	45	1,320	Signal	21.6	0.0	II	41.7	A				
W. Lake Brantley Rd. to Post Lake Pl.	45	1,795	Signal	28.2	0.0	II	43.4	A				
Post Lake Pl. to Harley Lester Ln.	45	1,690	Flashing Signal	26.4	0.0	II	43.6	A				
Harley Lester Ln. to Bear Lake Rd.	45	739	Signal	13.8	0.0	II	36.5	A	32.8	B		
Bear Lake Rd. to Hunt Club Blvd.	45	2,006	Signal	48.6	12.0	II	28.1	B	28.1	B		
Hunt Club Blvd. to Balmy Beach Dr.	45	1,795	Signal	28.8	0.0	II	42.5	A				
Balmy Beach Dr. to Line Dr.	45	1,531	Signal	22.8	0.0	II	45.8	A	44.0	A		
TOTAL		24,974		552.0	109.8						30.8	0.163 gal/veh
PM PEAK HOUR - Part A												
North Lake Blvd. to I-4 (E. Ramps)	40	1,162	Signal	80.4	42.0	II	9.9	F	9.9	F		
I-4 (E. Ramps) to I-4 (W. Ramps)	40	475	Signal	19.8	6.0	II	16.4	E				
I-4 (W. Ramps) to Wymore Rd./Douglas Ave.	40	317	Signal	7.2	0.0	II	30.0	B	20.0	D		
Wymore Rd./Douglas Ave. to Westmonte Dr.	40/45	1,056	Signal	23.4	0.0	II	30.8	B				
Westmonte Dr. to Grace Blvd.	45	1,056	Signal	19.8	0.0	II	36.4	A				
Grace Blvd. to Lynchfield Dr.	45	634	Signal	11.4	0.0	II	37.9	A				
Lynchfield Dr. to Montgomery Rd.	45	1,214	Signal	27.0	1.8	II	30.7	B	33.1	B		
Montgomery Rd. to Weathersfield Dr.	45	1,214	Signal	29.4	6.0	II	28.2	B				
Weathersfield Dr. San Sebastian Prado	45	2,851	Signal	79.2	25.8	II	24.5	C				
San Sebastian Prado to SR 434	45	1,478	Signal	59.4	23.4	II	17.0	E	22.5	C		
SR 434 to Maple St/Center Entrance	45	1,478	Signal	33.0	6.6	II	30.5	B				
Maple St/Center Entrance to Pearl Lake Causeway	45	1,162	Signal	30.6	0.0	II	25.9	C				
Pearl Lake Causeway to W. Lake Brantley Rd.	45	1,320	Signal	24.6	0.0	II	36.6	A				
W. Lake Brantley Rd. to Post Lake Pl.	45	1,795	Signal	29.4	0.0	II	41.6	A				
Post Lake Pl. to Harley Lester Ln.	45	1,690	Flashing Signal	27.0	0.0	II	42.7	A				
Harley Lester Ln. to Bear Lake Rd.	45	739	Signal	13.8	0.0	II	36.5	A	28.0	C		
Bear Lake Rd. to Hunt Club Blvd.	45	2,006	Signal	114.6	33.6	II	11.9	F	11.9	F		
Hunt Club Blvd. to Balmy Beach Dr.	45	1,795	Signal	36.0	1.8	II	34.0	B				
Balmy Beach Dr. to Line Dr.	45	1,531	Signal	38.4	6.0	II	27.2	C	30.5	B		
TOTAL		24,974		704.4	153.0						24.2	0.169 gal/veh

TABLE S4.2b
Year 2014 Seminole County Travel Time & Delay Study
SR 436 (Part B) - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR - Part B												
Castelton Blvd. to Winter Woods Blvd.	50	2,798	Signal	48.6	3.6	I	39.3	B				
Winter Woods Blvd. to Howell Branch Rd.	50	2,482	Signal	104.4	40.8	I	16.2	E	23.5	D		
Howell Branch Rd. to Lake Howell Ln.	50	2,851	Signal	43.2	0.0	I	45.0	A				
Lake Howell Ln. to Lake Howell Square	50	1,373	Signal	19.2	0.0	I	48.7	A				
Lake Howell Square to Lake Howell Rd.	50	1,320	Signal	22.8	0.0	I	39.5	B	44.4	A		
Lake Howell Rd. to Sausalito Blvd.*	50/45	1,848	Signal	48.6	12.0	I	25.9	D				
Sausalito Blvd. to Red Bug Lake Rd.*	45	950	Signal	90.6	60.0	II	7.2	F	13.7	E		
Red Bug Lake Rd. to Kewanee Tr.*	45	1,003	Signal	52.2	14.4	II	13.1	E				
Kewanee Tr. to Wilshire Blvd.*	45	1,373	Signal	47.4	5.4	II	19.7	D				
Wilshire Blvd. to Fern Park Blvd.*	45	2,851	Signal	55.2	1.8	II	35.2	A				
Fern Park Blvd. to Oxford Rd.*	45/40	1,214	Signal	37.2	10.2	II	22.3	C				
Oxford Rd. to Plaza Entrance	40	528	Signal	11.4	0.0	II	31.6	B				
Plaza Entrance to US 17/92	40	898	Signal	42.6	17.4	II	14.4	E	21.8	D		
US 17/92 to Anchor Rd.	40	1,584	Signal	28.8	0.0	II	37.5	A				
Anchor Rd. to Prarie Lake Dr.	40	2,429	Signal	41.4	0.0	II	40.0	A				
Prarie Lake Dr. to CR 427/Ronald Reagan Blvd.	40	1,531	Signal	58.8	16.2	II	17.8	D	29.3	B		
CR 427/Ronald Reagan Blvd. to CR 427/Maitland Ave.	40	2,587	Signal	57.0	4.8	II	30.9	B	30.9	B		
CR 427/Maitland Ave. to Boston Ave.	40	1,690	Signal	41.4	0.0	II	27.8	C				
Boston Ave. to Palm Springs Dr.	40	950	Signal	73.8	25.8	II	8.8	F	15.6	E		
Palm Springs Dr. to Mall Entrance	40	634	Signal	12.0	0.0	II	36.0	A				
Mall Entrance to Essex St.	40	634	Signal	10.8	0.0	II	40.0	A				
Essex St. to Renaissance Dr.	40	686	Signal	11.4	0.0	II	41.1	A				
Renaissance Dr. to Hattaway Dr.	40	686	Signal	21.0	8.4	II	22.3	C				
Hattaway Dr. to North Lake Blvd.	40	686	Signal	58.8	43.8	II	8.0	F	19.9	D		
TOTAL		35,587		1,038.6	264.6						23.4	0.237 gal/veh
PM PEAK HOUR - Part B												
Castelton Blvd. to Winter Woods Blvd.	50	2,798	Signal	51.0	2.4	I	37.4	B				
Winter Woods Blvd. to Howell Branch Rd.	50	2,482	Signal	119.4	64.2	I	14.2	F	21.1	D		
Howell Branch Rd. to Lake Howell Ln.	50	2,851	Signal	46.2	0.0	I	42.1	A				
Lake Howell Ln. to Lake Howell Square	50	1,373	Signal	45.6	19.8	I	20.5	E				
Lake Howell Square to Lake Howell Rd.	50	1,320	Signal	50.4	17.4	I	17.9	E	26.6	D		
Lake Howell Rd. to Sausalito Blvd.*	50/45	1,848	Signal	63.0	15.0	I	20.0	E				
Sausalito Blvd. to Red Bug Lake Rd.*	45	950	Signal	120.6	55.8	II	5.4	F	10.4	F		
Red Bug Lake Rd. to Kewanee Tr.*	45	1,003	Signal	27.0	2.4	II	25.3	C				
Kewanee Tr. to Wilshire Blvd.*	45	1,373	Signal	24.0	0.0	II	39.0	A				
Wilshire Blvd. to Fern Park Blvd.*	45	2,851	Signal	54.0	6.0	II	36.0	A				
Fern Park Blvd. to Oxford Rd.*	45/40	1,214	Signal	63.0	22.2	II	13.1	E				
Oxford Rd. to Plaza Entrance	40	528	Signal	10.8	0.0	II	33.3	B				
Plaza Entrance to US 17/92	40	898	Signal	43.2	18.6	II	14.2	E	24.2	C		
US 17/92 to Anchor Rd.	40	1,584	Signal	29.4	0.0	II	36.7	A				
Anchor Rd. to Prarie Lake Dr.	40	2,429	Signal	52.2	4.2	II	31.7	B				
Prarie Lake Dr. to CR 427/Ronald Reagan Blvd.	40	1,531	Signal	43.8	9.0	II	23.8	C	30.1	B		
CR 427/Ronald Reagan Blvd. to CR 427/Maitland Ave.	40	2,587	Signal	75.6	19.2	II	23.3	C	23.3	C		
CR 427/Maitland Ave. to Boston Ave.	40	1,690	Signal	33.6	0.0	II	34.3	B				
Boston Ave. to Palm Springs Dr.	40	950	Signal	27.0	4.2	II	24.0	C	29.7	B		
Palm Springs Dr. to Mall Entrance	40	634	Signal	14.4	0.6	II	30.0	B				
Mall Entrance to Essex St.	40	634	Signal	54.0	25.8	II	8.0	F				
Essex St. to Renaissance Dr.	40	686	Signal	87.6	50.4	II	5.3	F				
Renaissance Dr. to Hattaway Dr.	40	686	Signal	63.0	12.0	II	7.4	F				
Hattaway Dr. to North Lake Blvd.	40	686	Signal	82.8	47.4	II	5.7	F	7.5	F		
TOTAL		35,587		1,281.6	396.6						18.9	0.243 gal/veh

* Construction in progress on SR 436 from W of Oxford Rd to Lake Howell Rd (Financial Project IDs: 422707-1-52-01 & 419369-1-52-01) which may have skewed the LOS for the segments.

TABLE S5.1a
Year 2014 Seminole County Travel Time & Delay Study
US 17-92 (Part A) - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR - Part A												
Orange County Line to Spartan Dr.	45	1,426	Signal	21.6	0.0	I	45.0	A				
Spartan Dr. to O'Brien Rd.	45	2,482	Signal	45.0	0.0	I	37.6	B				
O'Brien Rd. to Lake of the Woods Blvd.	45	1,637	Signal	39.6	11.4	I	28.2	C	35.6	B		
Lake of the Woods Blvd. to Prairie Lake Dr.	45	1,373	Signal	35.4	7.2	I	26.4	D				
Prairie Lake Dr. to Fernwood Blvd.	45	1,373	Signal	24.0	0.0	I	39.0	B				
Fernwood Blvd. to SR 436	45	1,003	Signal	72.6	46.2	I	9.4	F	19.4	E		
SR 436 to Live Oaks Blvd.	45	1,214	Signal	21.6	0.0	I	38.3	B				
Live Oaks Blvd. to Triplet Lake Dr.	45	2,851	Signal	45.0	0.0	I	43.2	A	41.6	B		
Triplet Lake Dr. to Plumosa Ave.	45	1,742	Signal	27.0	0.0	I	44.0	A				
Plumosa Ave. to Button Rd.	45	1,373	Signal	73.8	31.8	I	12.7	F				
Button Rd. to Seminola Blvd./Dog Track Rd.	45	1,478	Signal	27.0	0.0	I	37.3	B	24.5	D		
Seminola Blvd./Dog Track Rd. to Laura St.	45	2,587	Signal	39.6	0.0	I	44.5	A				
Laura St. to SR 434	45	3,274	Signal	64.8	6.6	I	34.4	B	38.3	B		
SR 434 to Orange Ave.	45	2,323	Stop	37.2	0.0	I	42.6	A				
Orange Ave. to Shepard Rd./Raven Ave.	45	3,960	Signal	60.0	0.0	I	45.0	A	44.1	A		
Shepard Rd./Raven Ave. to Gen. Hutchinson Pkwy.	45/50	3,062	Signal	48.0	1.8	I	43.5	A				
Gen. Hutchinson Pkwy. to SR 419/CR 427	50	4,277	Signal	94.8	7.8	I	30.8	C	35.0	B		
SR 419/CR 427 to CR 427	50	1,214	Signal	39.0	12.0	I	21.2	D	21.2	D		
CR 427 to Weldon Blvd.	50	1,003	Signal	18.6	0.0	I	36.8	B				
Weldon Blvd. to County Home Rd.	50	3,326	Signal	49.8	0.6	I	45.5	A	43.2	A		
TOTAL		42,979		884.4	125.4						33.1	0.278 gal/veh
PM PEAK HOUR - Part A												
Orange County Line to Spartan Dr.	45	1,426	Signal	31.8	0.0	I	30.6	C				
Spartan Dr. to O'Brien Rd.	45	2,482	Signal	49.8	6.0	I	34.0	C				
O'Brien Rd. to Lake of the Woods Blvd.	45	1,637	Signal	47.4	9.6	I	23.5	D	29.3	C		
Lake of the Woods Blvd. to Prairie Lake Dr.	45	1,373	Signal	24.6	0.0	I	38.0	B				
Prairie Lake Dr. to Fernwood Blvd.	45	1,373	Signal	53.4	13.8	I	17.5	E				
Fernwood Blvd. to SR 436	45	1,003	Signal	99.0	10.8	I	6.9	F	14.4	F		
SR 436 to Live Oaks Blvd.	45	1,214	Signal	22.2	0.0	I	37.3	B				
Live Oaks Blvd. to Triplet Lake Dr.	45	2,851	Signal	51.0	1.2	I	38.1	B	37.9	B		
Triplet Lake Dr. to Plumosa Ave.	45	1,742	Signal	27.6	0.0	I	43.0	A				
Plumosa Ave. to Button Rd.	45	1,373	Signal	24.0	0.0	I	39.0	B				
Button Rd. to Seminola Blvd./Dog Track Rd.	45	1,478	Signal	45.0	17.4	I	22.4	D	32.4	C		
Seminola Blvd./Dog Track Rd. to Laura St.	45	2,587	Signal	40.2	0.0	I	43.9	A				
Laura St. to SR 434	45	3,274	Signal	138.0	40.8	I	16.2	E	22.4	D		
SR 434 to Orange Ave.	45	2,323	Stop	40.2	0.0	I	39.4	B				
Orange Ave. to Shepard Rd./Raven Ave.	45	3,960	Signal	60.6	0.0	I	44.6	A	42.5	A		
Shepard Rd./Raven Ave. to Gen. Hutchinson Pkwy.	45/50	3,062	Signal	44.4	0.0	I	47.0	A				
Gen. Hutchinson Pkwy. to SR 419/CR 427	50	4,277	Signal	76.8	9.6	I	38.0	B	41.3	B		
SR 419/CR 427 to CR 427	50	1,214	Signal	26.4	3.0	I	31.4	C	31.4	C		
CR 427 to Weldon Blvd.	50	1,003	Signal	17.4	0.0	I	39.3	B				
Weldon Blvd. to County Home Rd.	50	3,326	Signal	46.8	0.0	I	48.5	A	46.0	A		
TOTAL		42,979		966.6	112.2						30.3	0.279 gal/veh

TABLE S5.1b
Year 2014 Seminole County Travel Time & Delay Study
US 17-92 (Part B) - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR - Part B												
County Home Rd. to Bargain Blvd.	50	1,584	Signal	24.0	0.0	I	45.0	A				
Bargain Blvd. to Bush Blvd.	50	634	Signal	8.4	0.0	I	51.4	A				
Bush Blvd. to Collins Dr./Lake Minnie Dr.	50	1,901	Signal	26.4	0.0	I	49.1	A				
Collins Dr./Lake Minnie Dr. to Lake Mary Blvd.	50/45	2,323	Signal	78.6	8.4	I	20.2	E	32.0	C		
Lake Mary Blvd. to Plaza/Walmart Entrance	45	1,426	Signal	25.2	0.0	I	38.6	B				
Plaza/Walmart Entrance to Americana Blvd.	45	950	Signal	13.8	0.0	I	47.0	A				
Americana Blvd. to Airport Blvd.	45	2,693	Signal	96.6	37.2	I	19.0	E	25.5	D		
Airport Blvd. to SR 417	45	2,957	Signal	48.6	0.0	I	41.5	B				
SR 417 to 27th St.	45	845	Signal	24.0	6.6	I	24.0	D				
27th St. to Park Dr.	45	1,478	Signal	27.0	1.8	I	37.3	B				
Park Dr. to 25th St.	45	1,690	Signal	45.0	13.8	I	25.6	D	32.9	C		
25th St. to 20th St.	45	2,640	Signal	42.6	0.0	I	42.3	A				
20th St. to 15th St.	45/35	1,690	Signal	33.0	0.0	I	34.9	B				
15th St. to 13th St.	35	792	Signal	21.6	6.0	I	25.0	D				
13th St. to 3rd St.	35/40	3,326	Signal	58.8	0.0	I	38.6	B				
3rd St. to SR 46/1st St.	40	686	Signal	18.6	3.6	I	25.2	D	35.7	B		
SR 46/1st St. to Seminole Blvd.	40	2,112	Stop	38.4	0.0	I	37.5	B	37.5	B		
Seminole Blvd. to Oak Dr.	40/55	6,125	Stop	84.6	0.0	I	49.4	A	49.4	A		
Oak Dr. to CR 15	55/50	9,662	Signal	127.2	0.0	I	51.8	A	51.8	A		
CR 15 to I-4 WB Ramps	50	1,426	Signal	20.4	0.0	I	47.6	A				
I-4 WB Ramps to Volusia Co. Line	50	634	Stop	9.0	0.0	I	48.0	A	47.8	A		
TOTAL		47,573		871.8	77.4						37.2	0.306 gal/veh
PM PEAK HOUR - Part B												
County Home Rd. to Bargain Blvd.	50	1,584	Signal	23.4	0.6	I	46.2	A				
Bargain Blvd. to Bush Blvd.	50	634	Signal	9.0	0.0	I	48.0	A				
Bush Blvd. to Collins Dr./Lake Minnie Dr.	50	1,901	Signal	28.8	0.6	I	45.0	A				
Collins Dr./Lake Minnie Dr. to Lake Mary Blvd.	50/45	2,323	Signal	69.6	1.2	I	22.8	D	33.6	C		
Lake Mary Blvd. to Plaza/Walmart Entrance	45	1,426	Signal	29.4	1.8	I	33.1	C				
Plaza/Walmart Entrance to Americana Blvd.	45	950	Signal	16.2	0.0	I	40.0	B				
Americana Blvd. to Airport Blvd.	45	2,693	Signal	90.0	15.0	I	20.4	E	25.5	D		
Airport Blvd. to SR 417	45	2,957	Signal	55.2	5.4	I	36.5	B				
SR 417 to 27th St.	45	845	Signal	18.0	1.8	I	32.0	C				
27th St. to Park Dr.	45	1,478	Signal	27.6	3.0	I	36.5	B				
Park Dr. to 25th St.	45	1,690	Signal	40.2	6.0	I	28.7	C	33.7	C		
25th St. to 20th St.	45	2,640	Signal	46.8	0.0	I	38.5	B				
20th St. to 15th St.	45/35	1,690	Signal	31.8	0.0	I	36.2	B				
15th St. to 13th St.	35	792	Signal	15.0	0.0	I	36.0	B				
13th St. to 3rd St.	35/40	3,326	Signal	58.8	0.0	I	38.6	B				
3rd St. to SR 46/1st St.	40	686	Signal	14.4	0.0	I	32.5	C	37.3	B		
SR 46/1st St. to Seminole Blvd.	40	2,112	Stop	40.2	0.0	I	35.8	B	35.8	B		
Seminole Blvd. to Oak Dr.	40/55	6,125	Stop	91.2	0.0	I	45.8	A	45.8	A		
Oak Dr. to CR 15	55/50	9,662	Signal	159.0	20.4	I	41.4	B	41.4	B		
CR 15 to I-4 WB Ramps	50	1,426	Signal	22.8	0.0	I	42.6	A				
I-4 WB Ramps to Volusia Co. Line	50	634	Stop	9.0	0.0	I	48.0	A	44.1	A		
TOTAL		47,573		896.4	55.8						36.2	0.307 gal/veh

TABLE S5.2a
Year 2014 Seminole County Travel Time & Delay Study
US 17-92 (Part A) - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR - Part A												
County Home Rd. to Weldon Blvd.	50	3,326	Signal	74.4	15.6	I	30.5	C				
Weldon Blvd. to CR 427	50	1,003	Signal	34.8	9.6	I	19.7	E	27.0	C		
CR 427 to SR 419/CR 427	50	1,214	Signal	22.2	0.0	I	37.3	B	37.3	B		
SR 419/CR 427 to Gen. Hutchinson Pkwy.	50	4,277	Signal	59.4	0.0	I	49.1	A				
Gen. Hutchinson Pkwy. to Shepard Rd./Raven Ave.	50/45	3,062	Signal	46.2	0.0	I	45.2	A	47.4	A		
Shepard Rd./Raven Ave. to Orange Ave.	45	3,960	Stop	60.6	0.0	I	44.6	A				
Orange Ave. to SR 434	45	2,323	Signal	55.8	8.4	I	28.4	C	36.8	B		
SR 434 to Laura St.	45	3,274	Signal	51.0	0.0	I	43.8	A				
Laura St. to Seminola Blvd./Dog Track Rd.	45	2,587	Signal	88.2	21.0	I	20.0	E	28.7	C		
Seminole Blvd./Dog Track Rd. to Button Rd.	45	1,478	Signal	33.0	4.2	I	30.5	C				
Button Rd. to Plumosa Ave.	45	1,373	Signal	23.4	0.0	I	40.0	B				
Plumosa Ave. to Triplet Lake Dr.	45	1,742	Signal	28.2	0.0	I	42.1	A	37.0	B		
Triplet Lake Dr. to Live Oaks Blvd.	45	2,851	Signal	55.2	3.0	I	35.2	B				
Live Oaks Blvd. to SR 436	45	1,214	Signal	102.6	40.8	I	8.1	F	17.6	E		
SR 436 to Fernwood Blvd.	45	1,003	Signal	18.0	0.0	I	38.0	B				
Fernwood Blvd. to Prairie Lake Dr.	45	1,373	Signal	29.4	5.4	I	31.8	C				
Prairie Lake Dr. to Lake of the Woods Blvd.	45	1,373	Signal	31.8	1.2	I	29.4	C	32.3	C		
Lake of the Woods Blvd. to O'Brien Rd.	45	1,637	Signal	26.4	0.0	I	42.3	A				
O'Brien Rd. to Spartan Dr.	45	2,482	Signal	37.2	0.0	I	45.5	A				
Spartan Dr. to Orange County Line	45	1,426	Signal	19.8	0.0	I	49.1	A	45.3	A		
TOTAL		42,979		897.6	109.2						32.6	0.279 gal/veh
PM PEAK HOUR - Part A												
County Home Rd. to Weldon Blvd.	50	3,326	Signal	84.6	12.6	I	26.8	D				
Weldon Blvd. to CR 427	50	1,003	Signal	36.0	10.2	I	19.0	E	24.5	D		
CR 427 to SR 419/CR 427	50	1,214	Signal	29.4	6.0	I	28.2	C	28.2	C		
SR 419/CR 427 to Gen. Hutchinson Pkwy.	50	4,277	Signal	62.4	0.0	I	46.7	A				
Gen. Hutchinson Pkwy. to Shepard Rd./Raven Ave.	50/45	3,062	Signal	69.6	11.4	I	30.0	C	37.9	B		
Shepard Rd./Raven Ave. to Orange Ave.	45	3,960	Stop	63.6	0.0	I	42.5	A				
Orange Ave. to SR 434	45	2,323	Signal	90.6	12.0	I	17.5	E	27.8	C		
SR 434 to Laura St.	45	3,274	Signal	60.0	4.8	I	37.2	B				
Laura St. to Seminola Blvd./Dog Track Rd.	45	2,587	Signal	50.4	1.8	I	35.0	B	36.2	B		
Seminole Blvd./Dog Track Rd. to Button Rd.	45	1,478	Signal	38.4	0.0	I	26.2	D				
Button Rd. to Plumosa Ave.	45	1,373	Signal	24.0	0.0	I	39.0	B				
Plumosa Ave. to Triplet Lake Dr.	45	1,742	Signal	62.4	10.2	I	19.0	E	25.1	D		
Triplet Lake Dr. to Live Oaks Blvd.	45	2,851	Signal	63.0	6.6	I	30.9	C				
Live Oaks Blvd. to SR 436	45	1,214	Signal	59.4	19.8	I	13.9	F	22.6	D		
SR 436 to Fernwood Blvd.	45	1,003	Signal	22.8	3.6	I	30.0	C				
Fernwood Blvd. to Prairie Lake Dr.	45	1,373	Signal	22.2	0.0	I	42.2	A				
Prairie Lake Dr. to Lake of the Woods Blvd.	45	1,373	Signal	24.0	0.6	I	39.0	B	37.0	B		
Lake of the Woods Blvd. to O'Brien Rd.	45	1,637	Signal	26.4	0.0	I	42.3	A				
O'Brien Rd. to Spartan Dr.	45	2,482	Signal	37.8	0.0	I	44.8	A				
Spartan Dr. to Orange County Line	45	1,426	Signal	19.8	0.0	I	49.1	A	45.0	A		
TOTAL		42,979		946.8	99.6						30.9	0.280 gal/veh

TABLE S5.2b
Year 2014 Seminole County Travel Time & Delay Study
US 17-92 (Part B) - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR - Part B												
Volusia Co. Line to I-4 WB Ramps	50	634	Stop	10.2	0.0	I	42.4	A				
I-4 WB Ramps to CR 15	50	1,426	Signal	83.4	49.2	I	11.7	F	15.0	F		
CR 15 to Oak Dr.	50/55	9,662	Stop	129.0	0.0	I	51.1	A	51.1	A		
Oak Dr. to Seminole Blvd.	55/40	6,125	Stop	88.8	0.0	I	47.0	A	47.0	A		
Seminole Blvd. to SR 46/1st St.	40	2,112	Signal	58.8	13.8	I	24.5	D	24.5	D		
SR 46/1st St. to 3rd St.	40	686	Signal	13.2	0.0	I	35.5	B				
3rd St. to 13th St.	40/35	3,326	Signal	59.4	0.0	I	38.2	B				
13th St. to 15th St.	35	792	Signal	14.4	0.0	I	37.5	B				
15th St. to 20th St.	35/45	1,690	Signal	34.2	3.6	I	33.7	C				
20th St. to 25th St.	45	2,640	Signal	55.2	1.2	I	32.6	C	35.3	B		
25th St. to Park Dr.	45	1,690	Signal	27.0	0.0	I	42.7	A				
Park Dr. to 27th St.	45	1,478	Signal	24.0	0.0	I	42.0	B				
27th St. to SR 417	45	845	Signal	23.4	3.6	I	24.6	D				
SR 417 to Airport Blvd.	45	2,957	Signal	76.8	25.2	I	26.2	D	31.4	C		
Airport Blvd. to Americana Blvd.	45	2,693	Signal	39.6	0.0	I	46.4	A				
Americana Blvd. to Plaza/Walmart Entrance	45	950	Signal	16.2	0.6	I	40.0	B				
Plaza/Walmart Entrance to Lake Mary Blvd.	45	1,426	Stop	28.2	1.2	I	34.5	B	41.1	B		
Lake Mary Blvd. to Collins Dr./Lake Minnie Dr.	45/50	2,323	Stop	37.2	0.0	I	42.6	A				
Collins Dr./Lake Minnie Dr. to Bush Blvd.	50	1,901	Signal	28.2	0.0	I	46.0	A				
Bush Blvd. to Bargain Blvd.	50	634	Signal	9.0	0.0	I	48.0	A				
Bargain Blvd. to County Home Rd.	50	1,584	Stop	21.6	0.0	I	50.0	A	45.7	A		
TOTAL		47,573		877.8	98.4						37.0	0.307 gal/veh
PM PEAK HOUR - Part B												
Volusia Co. Line to I-4 WB Ramps	50	634	Stop	8.4	0.0	I	51.4	A				
I-4 WB Ramps to CR 15	50	1,426	Signal	100.2	52.8	I	9.7	F	12.9	F		
CR 15 to Oak Dr.	50/55	9,662	Stop	133.2	0.0	I	49.5	A	49.5	A		
Oak Dr. to Seminole Blvd.	55/40	6,125	Stop	87.0	0.0	I	48.0	A	48.0	A		
Seminole Blvd. to SR 46/1st St.	40	2,112	Signal	67.2	22.8	I	21.4	D	21.4	D		
SR 46/1st St. to 3rd St.	40	686	Signal	13.2	0.0	I	35.5	B				
3rd St. to 13th St.	40/35	3,326	Signal	62.4	0.6	I	36.3	B				
13th St. to 15th St.	35	792	Signal	15.0	0.0	I	36.0	B				
15th St. to 20th St.	35/45	1,690	Signal	38.4	4.2	I	30.0	C				
20th St. to 25th St.	45	2,640	Signal	59.4	3.0	I	30.3	C	33.1	C		
25th St. to Park Dr.	45	1,690	Signal	26.4	0.0	I	43.6	A				
Park Dr. to 27th St.	45	1,478	Signal	30.6	3.6	I	32.9	C				
27th St. to SR 417	45	845	Signal	19.8	1.2	I	29.1	C				
SR 417 to Airport Blvd.	45	2,957	Signal	120.0	33.6	I	16.8	E	24.1	D		
Airport Blvd. to Americana Blvd.	45	2,693	Signal	61.8	10.2	I	29.7	C				
Americana Blvd. to Plaza/Walmart Entrance	45	950	Signal	17.4	0.0	I	37.2	B				
Plaza/Walmart Entrance to Lake Mary Blvd.	45	1,426	Stop	46.2	8.4	I	21.0	D	27.6	C		
Lake Mary Blvd. to Collins Dr./Lake Minnie Dr.	45/50	2,323	Stop	34.2	0.0	I	46.3	A				
Collins Dr./Lake Minnie Dr. to Bush Blvd.	50	1,901	Signal	34.8	1.2	I	37.2	B				
Bush Blvd. to Bargain Blvd.	50	634	Signal	10.2	0.0	I	42.4	A				
Bargain Blvd. to County Home Rd.	50	1,584	Stop	22.8	0.0	I	47.4	A	43.1	A		
TOTAL		47,573		1,008.6	141.6						32.2	0.309 gal/veh

TABLE S6.1a

Year 2014 Seminole County Travel Time & Delay Study

SR 400 (I-4) - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Orange County Line to Wymore Rd.	60	211	Stop	3.0	0.0	**Freeway**	48.0	F				
Wymore Rd. to SR 436	60	7,656	Stop	91.8	0.0	**Freeway**	56.9	E	56.6	E		
SR 436 to Central Pkwy.	60	3,907	Stop	46.8	0.0	**Freeway**	56.9	E				
Central Pkwy. to SR 434	60	6,547	Stop	78.6	0.0	**Freeway**	56.8	E	56.8	E		
SR 434 to EE Williamson Rd.	60/65	8,818	Stop	101.4	0.0	**Freeway**	59.3	E				
EE Williamson Rd. to Lake Mary Blvd.	65	16,474	Stop	185.4	0.0	**Freeway**	60.6	D	60.1	D		
Lake Mary Blvd. to CR 46A	65	11,774	Stop	128.4	0.0	**Freeway**	62.5	D				
CR 46A to SR 46*	65	9,926	Stop	108.6	0.0	**Freeway**	62.3	D				
SR 46 to CR 431/Orange Blvd.*	65	7,867	Stop	87.0	0.0	**Freeway**	61.7	D				
CR 431/Orange Blvd. to US 17/92	65	1,531	Stop	18.6	0.0	**Freeway**	56.1	E				
US 17/92 to Volusia County Line	65	1,214	Stop	12.6	0.0	**Freeway**	65.7	A	62.0	D		
TOTAL		75,926		862.2	0.0						60.0	0.516 gal/veh
PM PEAK HOUR												
Orange County Line to Wymore Rd.	60	211	Stop	3.0	0.0	**Freeway**	48.0	F				
Wymore Rd. to SR 436	60	7,656	Stop	99.6	0.0	**Freeway**	52.4	E	52.3	E		
SR 436 to Central Pkwy.	60	3,907	Stop	49.8	0.0	**Freeway**	53.5	E				
Central Pkwy. to SR 434	60	6,547	Stop	79.8	0.0	**Freeway**	55.9	E	55.0	E		
SR 434 to EE Williamson Rd.	60/65	8,818	Stop	103.2	0.0	**Freeway**	58.3	E				
EE Williamson Rd. to Lake Mary Blvd.	65	16,474	Stop	193.2	0.0	**Freeway**	58.1	E	58.2	E		
Lake Mary Blvd. to CR 46A	65	11,774	Stop	130.8	0.0	**Freeway**	61.4	D				
CR 46A to SR 46*	65	9,926	Stop	108.6	0.0	**Freeway**	62.3	D				
SR 46 to CR 431/Orange Blvd.*	65	7,867	Stop	88.2	0.0	**Freeway**	60.8	D				
CR 431/Orange Blvd. to US 17/92	65	1,531	Stop	22.2	0.0	**Freeway**	47.0	F				
US 17/92 to Volusia County Line	65	1,214	Stop	18.6	0.0	**Freeway**	44.5	F	59.8	D		
TOTAL		75,926		897.0	0.0						57.7	0.511 gal/veh

TABLE S6.1b

Year 2014 Seminole County Travel Time & Delay Study

SR 400 (I-4) - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Volusia County Line to US 17/92	65	1,214	Stop	13.8	0.0	**Freeway**	60.0	D				
US 17/92 to CR 431/Orange Blvd.	65	1,531	Stop	17.4	0.0	**Freeway**	60.0	D				
CR 431/Orange Blvd. to SR 46*	65	7,867	Stop	91.2	0.0	**Freeway**	58.8	E				
SR 46 to CR 46A*	65	9,926	Stop	110.4	0.0	**Freeway**	61.3	D				
CR 46A to Lake Mary Blvd.	65	11,774	Stop	150.0	0.0	**Freeway**	53.5	E	57.6	E		
Lake Mary Blvd. to EE Williamson Rd.	65	16,474	Stop	324.6	10.8	**Freeway**	34.6	F				
EE Williamson Rd. to SR 434	65/60	8,818	Stop	203.4	1.2	**Freeway**	29.6	F	32.7	F		
SR 434 to Central Pkwy.	60	6,547	Stop	276.6	28.2	**Freeway**	16.1	F				
Central Pkwy. To SR 436	60	3,907	Stop	93.0	4.8	**Freeway**	28.6	F	19.3	F		
SR 436 to Wymore Rd.	60	7,656	Stop	235.2	18.6	**Freeway**	22.2	F				
Wymore Rd. to Orange County Line	60	211	Stop	3.6	0.0	**Freeway**	40.0	F	22.5	F		
TOTAL		75,926		1519.2	63.6						34.1	0.530 gal/veh
PM PEAK HOUR												
Volusia County Line to US 17/92	65	1,214	Stop	13.2	0.0	**Freeway**	62.7	D				
US 17/92 to CR 431/Orange Blvd.	65	1,531	Stop	16.8	0.0	**Freeway**	62.1	D				
CR 431/Orange Blvd. to SR 46*	65	7,867	Stop	90.0	0.0	**Freeway**	59.6	E				
SR 46 to CR 46A*	65	9,926	Stop	107.4	0.0	**Freeway**	63.0	D				
CR 46A to Lake Mary Blvd.	65	11,774	Stop	129.0	0.0	**Freeway**	62.2	D	61.8	D		
Lake Mary Blvd. to EE Williamson Rd.	65	16,474	Stop	188.4	0.0	**Freeway**	59.6	E				
EE Williamson Rd. to SR 434	65/60	8,818	Stop	104.4	0.0	**Freeway**	57.6	E	58.9	E		
SR 434 to Central Pkwy.	60	6,547	Stop	76.2	0.0	**Freeway**	58.6	E				
Central Pkwy. To SR 436	60	3,907	Stop	46.2	0.0	**Freeway**	57.7	E	58.2	E		
SR 436 to Wymore Rd.	60	7,656	Stop	91.8	0.0	**Freeway**	56.9	E				
Wymore Rd. to Orange County Line	60	211	Stop	2.4	0.0	**Freeway**	60.0	D	56.9	E		
TOTAL		75,926		865.8	0.0						59.8	0.513 gal/veh

TABLE S7.1a
Year 2014 Seminole County Travel Time & Delay Study
SR 426 - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Old Howell Branch Rd. to Hall Rd./Howell Branch Rd.	45	1,267	Signal	43.8	15.0	II	19.7	D	19.7	D		
Hall Rd./Howell Branch Rd. to Trinity Prep. Sch.	45	2,112	Signal	45.6	3.6	II	31.6	B				
Trinity Prep. Sch. to Tuskawilla Rd.	45	2,746	Signal	57.0	9.0	II	32.8	B	32.3	B		
Tuskawilla Rd. to Deep Lake Rd.	45	1,373	Signal	27.6	4.2	II	33.9	B				
Deep Lake Rd. to SR 417 (W. Ramps)	45	845	Signal	16.8	1.8	II	34.3	B	34.1	B		
SR 417 (W. Ramps) to SR 417 (E. Ramps)	45	370	Signal	6.0	0.0	II	42.0	A	42.0	A		
SR 417 (E. Ramps) to Dean Rd.	45	2,851	Signal	50.4	2.4	II	38.6	A	38.6	A		
Dean Rd. to Loma Vista Cr.	45	1,795	Signal	29.4	0.0	II	41.6	A				
Loma Vista Cr. to Aloma Woods Blvd.	45	1,003	Signal	16.8	0.0	II	40.7	A				
Aloma Woods Blvd. to Security Ave.	45	2,006	Stop	30.0	0.0	II	45.6	A				
Security Ave. to Mikler Rd.	45	1,320	Stop	20.4	0.0	II	44.1	A				
Mikler Rd. to Chapman Rd.	45	3,168	Signal	48.6	0.0	II	44.4	A	43.6	A		
Chapman Rd. to Slavia Rd.	45	2,851	Signal	44.4	0.0	II	43.8	A				
Slavia Rd. to Red Bug Lake Rd./Mitchell Hammock Rd.	45	3,062	Signal	78.6	23.4	II	26.6	C	32.8	B		
Red Bug Lake Rd./Mitchell Hammock Rd. to Oviedo Mktpl. Blvd	45	2,270	Signal	40.8	1.2	II	37.9	A				
Oviedo Mktpl. Blvd. to Winter Springs Blvd.	45	2,376	Signal	70.2	12.6	II	23.1	C	28.5	B		
Winter Springs Blvd. to Pine Ave.	45	1,478	Signal	29.4	2.4	II	34.3	B				
Pine Ave. to Aulin Ave.	30	581	Stop	10.2	0.0	II	38.8	A				
Aulin Ave. to Lake Jessup Ave.	30	2,112	Signal	66.6	19.8	II	21.6	D	26.8	C		
Lake Jessup Ave. to SR 434	30	1,320	Signal	73.8	31.2	II	12.2	F	12.2	F		
TOTAL		36,907		806.4	126.6						31.2	0.242 gal/veh
PM PEAK HOUR												
Old Howell Branch Rd. to Hall Rd./Howell Branch Rd.	45	1,267	Signal	54.6	14.4	II	15.8	E	15.8	E		
Hall Rd./Howell Branch Rd. to Trinity Prep. Sch.	45	2,112	Signal	34.2	0.0	II	42.1	A				
Trinity Prep. Sch. to Tuskawilla Rd.	45	2,746	Signal	63.0	6.0	II	29.7	B	34.1	B		
Tuskawilla Rd. to Deep Lake Rd.	45	1,373	Signal	33.6	3.6	II	27.9	C				
Deep Lake Rd. to SR 417 (W. Ramps)	45	845	Signal	26.4	9.6	II	21.8	D	25.2	C		
SR 417 (W. Ramps) to SR 417 (E. Ramps)	45	370	Signal	7.8	0.0	II	32.3	B	32.3	B		
SR 417 (E. Ramps) to Dean Rd.	45	2,851	Signal	67.2	13.2	II	28.9	B	28.9	B		
Dean Rd. to Loma Vista Cr.	45	1,795	Signal	43.8	7.2	II	27.9	C				
Loma Vista Cr. to Aloma Woods Blvd.	45	1,003	Signal	23.4	3.0	II	29.2	B				
Aloma Woods Blvd. to Security Ave.	45	2,006	Stop	29.4	0.0	II	46.5	A				
Security Ave. to Mikler Rd.	45	1,320	Stop	19.8	0.0	II	45.5	A				
Mikler Rd. to Chapman Rd.	45	3,168	Signal	91.8	19.8	II	23.5	C	30.4	B		
Chapman Rd. to Slavia Rd.	45	2,851	Signal	46.2	0.0	II	42.1	A				
Slavia Rd. to Red Bug Lake Rd./Mitchell Hammock Rd.	45	3,062	Signal	95.4	31.2	II	21.9	D	28.5	B		
Red Bug Lake Rd./Mitchell Hammock Rd. to Oviedo Mktpl. Blvd	45	2,270	Signal	40.2	0.0	II	38.5	A				
Oviedo Mktpl. Blvd. to Winter Springs Blvd.	45	2,376	Signal	40.2	0.0	II	40.3	A	39.4	A		
Winter Springs Blvd. to Pine Ave.	45	1,478	Signal	24.6	0.0	II	41.0	A				
Pine Ave. to Aulin Ave.	30	581	Stop	18.0	4.2	II	22.0	D				
Aulin Ave. to Lake Jessup Ave.	30	2,112	Signal	94.2	31.8	II	15.3	E	20.8	D		
Lake Jessup Ave. to SR 434	30	1,320	Signal	127.2	74.4	II	7.1	F	7.1	F		
TOTAL		36,907		981.0	218.4						25.7	0.249 gal/veh

TABLE S7.1b
Year 2014 Seminole County Travel Time & Delay Study
SR 426 - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 434 to Lake Jessup Ave.	30	1,320	Signal	45.6	7.2	II	19.7	D	19.7	D		
Lake Jessup Ave. to Aulin Ave.	30	2,112	Stop	56.4	0.0	II	25.5	C				
Aulin Ave. to Pine Ave.	30	581	Signal	14.4	2.4	II	27.5	C				
Pine Ave. to Winter Springs Blvd.	45	1,478	Signal	52.8	7.8	II	19.1	D	23.0	C		
Winter Springs Blvd. to Oviedo Mrktpl. Blvd.	45	2,376	Signal	51.0	6.6	II	31.8	B				
Oviedo Mrktpl. Blvd. to Red Bug Lake Rd./Mitchell Hammock Rd.	45	2,270	Signal	126.0	34.8	II	12.3	F	17.9	D		
Red Bug Lake Rd./Mitchell Hammock Rd. to Slavia Rd.	45	3,062	Signal	82.8	12.6	II	25.2	C				
Slavia Rd. to Chapman Rd.	45	2,851	Signal	65.4	9.0	II	29.7	B	27.2	C		
Chapman Rd. to Mikler Rd.	45	3,168	Stop	48.0	0.0	II	45.0	A				
Mikler Rd. to Security Ave.	45	1,320	Stop	20.4	0.0	II	44.1	A				
Security Ave. to Aloma Woods Blvd.	45	2,006	Signal	35.4	0.6	II	38.6	A				
Aloma Woods Blvd. to Loma Vista Cr.	45	1,003	Signal	18.0	0.0	II	38.0	A				
Loma Vista Cr. to Dean Rd.	45	1,795	Signal	27.6	0.0	II	44.3	A	42.4	A		
Dean Rd. to SR 417 (E. Ramps)	45	2,851	Signal	63.0	11.4	II	30.9	B	30.9	B		
SR 417 (E. Ramps) to SR 417 (W. Ramps)	45	370	Signal	7.2	0.0	II	35.0	B	35.0	B		
SR 417 (W. Ramps) to Deep Lake Rd.	45	845	Signal	43.8	9.0	II	13.2	E				
Deep Lake Rd. to Tuskawilla Rd.	45	1,373	Signal	37.2	3.0	II	25.2	C	18.7	D		
Tuskawilla Rd. to Trinity Prep. Sch.	45	2,746	Signal	74.4	24.6	II	25.2	C				
Trinity Prep. Sch. to Hall Rd./Howell Branch Rd.	45	2,112	Signal	66.6	25.8	II	21.6	D	23.5	C		
Hall Rd./Howell Branch Rd. to Old Howell Branch Rd.	45	1,267	Signal	21.0	0.0	II	41.1	A	41.1	A		
TOTAL		36,907		957.0	154.8						26.3	0.244 gal/veh
PM PEAK HOUR												
SR 434 to Lake Jessup Ave.	30	1,320	Signal	38.4	4.8	II	23.4	C	23.4	C		
Lake Jessup Ave. to Aulin Ave.	30	2,112	Stop	42.0	0.0	II	34.3	B				
Aulin Ave. to Pine Ave.	30	581	Signal	11.4	0.0	II	34.7	B				
Pine Ave. to Winter Springs Blvd.	45	1,478	Signal	43.2	7.2	II	23.3	C	29.4	B		
Winter Springs Blvd. to Oviedo Mrktpl. Blvd.	45	2,376	Signal	45.0	4.8	II	36.0	A				
Oviedo Mrktpl. Blvd. to Red Bug Lake Rd./Mitchell Hammock Rd.	45	2,270	Signal	117.0	57.0	II	13.2	E	19.6	D		
Red Bug Lake Rd./Mitchell Hammock Rd. to Slavia Rd.	45	3,062	Signal	49.8	0.0	II	41.9	A				
Slavia Rd. to Chapman Rd.	45	2,851	Signal	43.2	0.0	II	45.0	A	43.4	A		
Chapman Rd. to Mikler Rd.	45	3,168	Stop	47.4	0.0	II	45.6	A				
Mikler Rd. to Security Ave.	45	1,320	Stop	20.4	0.0	II	44.1	A				
Security Ave. to Aloma Woods Blvd.	45	2,006	Signal	32.4	0.0	II	42.2	A				
Aloma Woods Blvd. to Loma Vista Cr.	45	1,003	Signal	16.2	0.0	II	42.2	A				
Loma Vista Cr. to Dean Rd.	45	1,795	Signal	43.8	1.8	II	27.9	C	39.5	A		
Dean Rd. to SR 417 (E. Ramps)	45	2,851	Signal	105.6	19.8	II	18.4	D	18.4	D		
SR 417 (E. Ramps) to SR 417 (W. Ramps)	45	370	Signal	7.2	0.0	II	35.0	B	35.0	B		
SR 417 (W. Ramps) to Deep Lake Rd.	45	845	Signal	14.4	0.0	II	40.0	A				
Deep Lake Rd. to Tuskawilla Rd.	45	1,373	Signal	40.2	15.0	II	23.3	C	27.7	C		
Tuskawilla Rd. to Trinity Prep. Sch.	45	2,746	Signal	42.6	0.0	II	43.9	A				
Trinity Prep. Sch. to Hall Rd./Howell Branch Rd.	45	2,112	Signal	34.2	0.0	II	42.1	A	43.1	A		
Hall Rd./Howell Branch Rd. to Old Howell Branch Rd.	45	1,267	Signal	18.6	0.0	II	46.5	A	46.5	A		
TOTAL		36,907		813.0	110.4						31.0	0.240 gal/veh

TABLE S8.1a

Year 2014 Seminole County Travel Time & Delay Study

SR 414 (Maitland Blvd) - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Bear Lake Rd. to Eden Park Rd.	50	2,587	Signal	81.0	24.6	I	21.8	D				
Eden Park Rd. to Magnolia Holmes Rd.	50	2,640	Signal	39.0	0.0	I	46.2	A	29.7	C		
Magnolia Holmes Rd. to SR 434	50/55	3,854	Stop	51.0	0.0	I	51.5	A				
SR 434 to Maitland Summit Blvd	55	4,646	Signal	152.4	52.8	I	20.8	E	28.5	C		
TOTAL		13,728		323.4	77.4						28.9	0.091 gal/veh
PM PEAK HOUR												
Bear Lake Rd. to Eden Park Rd.	50	2,587	Signal	52.8	6.6	I	33.4	C				
Eden Park Rd. to Magnolia Holmes Rd.	50	2,640	Signal	41.4	0.6	I	43.5	A	37.8	B		
Magnolia Holmes Rd. to SR 434	50/55	3,854	Stop	50.4	0.0	I	52.1	A				
SR 434 to Maitland Summit Blvd	55	4,646	Signal	109.2	36.6	I	29.0	C	36.3	B		
TOTAL		13,728		253.8	43.8						36.9	0.088 gal/veh

TABLE S8.1b

Year 2014 Seminole County Travel Time & Delay Study

SR 414 (Maitland Blvd) - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Maitland Summit Blvd. to SR 434	55	4,646	Stop	61.8	0.0	I	51.3	A				
SR 434 to Magnolia Holmes Rd.	55/50	3,854	Signal	71.4	10.2	I	36.8	B	43.5	A		
Magnolia Holmes Rd. to Eden Park Rd.	50	2,640	Signal	41.4	0.0	I	43.5	A				
Eden Park Rd. to Bear Lake Rd.	50	2,587	Signal	37.2	0.0	I	47.4	A	45.3	A		
TOTAL		13,728		211.8	10.2						44.2	0.087 gal/veh
PM PEAK HOUR												
Maitland Summit Blvd. to SR 434	55	4,646	Stop	59.4	0.0	I	53.3	A				
SR 434 to Magnolia Holmes Rd.	55/50	3,854	Signal	58.8	2.4	I	44.7	A	49.0	A		
Magnolia Holmes Rd. to Eden Park Rd.	50	2,640	Signal	85.8	19.8	I	21.0	E				
Eden Park Rd. to Bear Lake Rd.	50	2,587	Signal	73.8	9.0	I	23.9	D	22.3	D		
TOTAL		13,728		277.8	31.2						33.7	0.091 gal/veh

TABLE S9.1a

Year 2014 Seminole County Travel Time & Delay Study

SR 417 - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Orange Co. Line to SR 426	65	2,587	Stop	27.0	0.0	**Freeway**	65.3	A				
SR 426 to Red Bug Lake Rd.	65	16,896	Stop	177.6	0.0	**Freeway**	64.9	C				
Red Bug Lake Rd. to SR 434	65	12,672	Stop	133.8	0.0	**Freeway**	64.6	D				
SR 434 to CR 427	65	27,826	Stop	294.0	0.0	**Freeway**	64.5	D				
CR 427 to Lake Mary Blvd.	65	1,162	Stop	12.0	0.0	**Freeway**	66.0	A				
Lake Mary Blvd. to Airport Blvd.	65	3,854	Stop	40.8	0.0	**Freeway**	64.4	D				
Airport Blvd. to US 17-92	65	1,531	Stop	16.8	0.0	**Freeway**	62.1	D				
US 17-92 to SR 46	65	9,874	Stop	102.0	0.0	**Freeway**	66.0	A				
SR 46 to Rinehart Rd.	65	13,306	Stop	142.2	0.0	**Freeway**	63.8	D				
Rinehart Rd. to I-4	55	4,382	Stop	54.6	0.0	**Freeway**	54.7	E				
I-4 to International Pkwy.	55	2,851	Stop	82.2	24.0	**Freeway**	23.6	F	61.0	D		
TOTAL		96,941		1083.0	24.0						61.0	0.675 gal/veh
PM PEAK HOUR												
Orange Co. Line to SR 426	65	2,587	Stop	27.0	0.0	**Freeway**	65.3	A				
SR 426 to Red Bug Lake Rd.	65	16,896	Stop	175.8	0.0	**Freeway**	65.5	A				
Red Bug Lake Rd. to SR 434	65	12,672	Stop	132.6	0.0	**Freeway**	65.2	A				
SR 434 to CR 427	65	27,826	Stop	289.8	0.0	**Freeway**	65.5	A				
CR 427 to Lake Mary Blvd.	65	1,162	Stop	12.0	0.0	**Freeway**	66.0	A				
Lake Mary Blvd. to Airport Blvd.	65	3,854	Stop	40.8	0.0	**Freeway**	64.4	D				
Airport Blvd. to US 17-92	65	1,531	Stop	16.8	0.0	**Freeway**	62.1	D				
US 17-92 to SR 46	65	9,874	Stop	103.2	0.0	**Freeway**	65.2	A				
SR 46 to Rinehart Rd.	65	13,306	Stop	142.2	0.0	**Freeway**	63.8	D				
Rinehart Rd. to I-4	55	4,382	Stop	51.6	0.0	**Freeway**	57.9	E				
I-4 to International Pkwy.	55	2,851	Stop	68.4	14.4	**Freeway**	28.4	F	62.3	D		
TOTAL		96,941		1060.2	14.4						62.3	0.676 gal/veh

TABLE S9.1b

Year 2014 Seminole County Travel Time & Delay Study

SR 417 - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
International Pkwy. to I-4	55	2,851	Stop	46.8	0.0	**Freeway**	41.5	F				
I-4 to Rinehart Rd.	55	4,382	Stop	53.4	0.0	**Freeway**	56.0	E				
Rinehart Rd. to SR 46	65	13,306	Stop	138.6	0.0	**Freeway**	65.5	A				
SR 46 to US 17-92	65	9,874	Stop	103.2	0.0	**Freeway**	65.2	A				
US 17-92 to Airport Blvd.	65	1,531	Stop	16.8	0.0	**Freeway**	62.1	D				
Airport Blvd. to Lake Mary Blvd.	65	3,854	Stop	39.6	0.0	**Freeway**	66.4	A				
Lake Mary Blvd. to CR 427	65	1,162	Stop	12.0	0.0	**Freeway**	66.0	A				
CR 427 to SR 434	65	27,826	Stop	292.2	0.0	**Freeway**	64.9	C				
SR 434 to Red Bug Lake Rd.	65	12,672	Stop	133.8	0.0	**Freeway**	64.6	D				
Red Bug Lake Rd. to SR 426	65	16,896	Stop	186.6	0.0	**Freeway**	61.7	D				
SR 426 to Orange Co. Line	65	2,587	Stop	52.8	4.8	**Freeway**	33.4	F	61.4	D		
TOTAL		96,941		1075.8	4.8						61.4	0.678 gal/veh
PM PEAK HOUR												
International Pkwy. to I-4	55	2,851	Stop	45.6	0.0	**Freeway**	42.6	F				
I-4 to Rinehart Rd.	55	4,382	Stop	52.2	0.0	**Freeway**	57.2	E				
Rinehart Rd. to SR 46	65	13,306	Stop	138.6	0.0	**Freeway**	65.5	A				
SR 46 to US 17-92	65	9,874	Stop	111.0	0.0	**Freeway**	60.6	D				
US 17-92 to Airport Blvd.	65	1,531	Stop	16.8	0.0	**Freeway**	62.1	D				
Airport Blvd. to Lake Mary Blvd.	65	3,854	Stop	39.6	0.0	**Freeway**	66.4	A				
Lake Mary Blvd. to CR 427	65	1,162	Stop	12.0	0.0	**Freeway**	66.0	A				
CR 427 to SR 434	65	27,826	Stop	291.0	0.0	**Freeway**	65.2	A				
SR 434 to Red Bug Lake Rd.	65	12,672	Stop	132.0	0.0	**Freeway**	65.5	A				
Red Bug Lake Rd. to SR 426	65	16,896	Stop	177.0	0.0	**Freeway**	65.1	A				
SR 426 to Orange Co. Line	65	2,587	Stop	27.0	0.0	**Freeway**	65.3	A	63.4	D		
TOTAL		96,941		1042.8	0.0						63.4	0.678 gal/veh

APPENDIX B

Year 2014 Summary of County Roads

APPENDIX B: COUNTY ROADS

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TABLE C1.1a

Year 2014 Seminole County Travel Time & Delay Study

Airport Boulevard/MLK Jr. Boulevard - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 46 to St. Johns Pkwy.	45	2,429	Stop	41.4	0.0	II	40.0	A				
St. Johns Pkwy. to Airport Blvd.	45	6,178	Signal	97.2	0.6	II	43.3	A				
Airport Blvd. to CR 46A/25th St.	45	1,109	Signal	78.6	27.6	II	9.6	F	30.5	B		
CR 46A 25th St. to Old Lake Mary Rd.	45	2,482	Signal	63.0	15.0	II	26.9	C				
Old Lake Mary Rd. to Placid Lake Dr.	45	950	Signal	19.2	0.0	II	33.7	B				
Placid Lake Dr. to Live Oak Blvd.	45	1,214	Signal	27.0	4.8	II	30.7	B				
Live Oak Blvd. to US 17/92	45/35	4,594	Signal	133.8	50.4	II	23.4	C	25.9	C		
US 17/92 to Windleshore Way	35	1,267	Stop	25.2	0.0	III	34.3	A				
Windleshore Way to Park Ave.	35	2,904	Stop	56.4	0.6	III	35.1	A				
Park Ave. to Airport Blvd./CR 425	35	1,162	Signal	37.2	9.6	III	21.3	C	30.6	A		
TOTAL		24,288		579.0	108.6						28.6	0.159 gal/veh
PM PEAK HOUR												
SR 46 to St. Johns Pkwy.	45	2,429	Stop	39.6	0.0	II	41.8	A				
St. Johns Pkwy. to Airport Blvd.	45	6,178	Signal	102.0	5.4	II	41.3	A				
Airport Blvd. to CR 46A/25th St.	45	1,109	Signal	85.2	28.2	II	8.9	F	29.2	B		
CR 46A 25th St. to Old Lake Mary Rd.	45	2,482	Signal	52.2	9.6	II	32.4	B				
Old Lake Mary Rd. to Placid Lake Dr.	45	950	Signal	24.0	0.6	II	27.0	C				
Placid Lake Dr. to Live Oak Blvd.	45	1,214	Signal	30.0	1.2	II	27.6	C				
Live Oak Blvd. to US 17/92	45/35	4,594	Signal	145.8	39.0	II	21.5	D	25.0	C		
US 17/92 to Windleshore Way	35	1,267	Stop	25.8	0.0	III	33.5	A				
Windleshore Way to Park Ave.	35	2,904	Stop	55.8	0.0	III	35.5	A				
Park Ave. to Airport Blvd./CR 425	35	1,162	Signal	52.2	11.4	III	15.2	D	27.2	B		
TOTAL		24,288		612.6	95.4						27.0	0.158 gal/veh

TABLE C1.1b

Year 2014 Seminole County Travel Time & Delay Study

Airport Boulevard/MLK Jr. Boulevard - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Airport Blvd./CR 425 to Park Ave.	35	1,162	Signal	24.0	0.0	III	33.0	A				
Park Ave. to Windleshore Way	35	2,904	Stop	53.4	0.0	III	37.1	A				
Windleshore Way to US 17/92	35	1,267	Signal	73.8	27.6	III	11.7	E	24.0	B		
US 17/92 to Live Oak Blvd.	35/45	4,594	Signal	88.2	6.0	II	35.5	A				
Live Oak Blvd. to Placid Lake Dr.	45	1,214	Signal	33.6	7.8	II	24.6	C				
Placid Lake Dr. to Old Lake Mary Rd.	45	950	Signal	24.6	0.0	II	26.3	C				
Old Lake Mary Rd. to CR 46A/25th St.	45	2,482	Signal	89.4	28.2	II	18.9	D	26.7	C		
CR 46A/25th St. to Airport Blvd.	45	1,109	Signal	26.4	3.6	II	28.6	B				
Airport Blvd. to St. Johns Pkwy.	45	6,178	Stop	94.2	0.0	II	44.7	A				
St. Johns Pkwy. to SR 46	45	2,429	Signal	83.4	35.4	II	19.9	D	32.5	B		
TOTAL		24,288		591.0	108.6						28.0	0.160 gal/veh
PM PEAK HOUR												
Airport Blvd./CR 425 to Park Ave.	35	1,162	Signal	23.4	0.0	III	33.8	A				
Park Ave. to Windleshore Way	35	2,904	Stop	52.2	0.0	III	37.9	A				
Windleshore Way to US 17/92	35	1,267	Signal	107.4	30.0	III	8.0	F	19.9	C		
US 17/92 to Live Oak Blvd.	35/45	4,594	Signal	87.0	4.8	II	36.0	A				
Live Oak Blvd. to Placid Lake Dr.	45	1,214	Signal	21.6	0.0	II	38.3	A				
Placid Lake Dr. to Old Lake Mary Rd.	45	950	Signal	16.8	0.0	II	38.6	A				
Old Lake Mary Rd. to CR 46A/25th St.	45	2,482	Signal	111.6	54.6	II	15.2	E	26.6	C		
CR 46A/25th St. to Airport Blvd.	45	1,109	Signal	29.4	6.6	II	25.7	C				
Airport Blvd. to St. Johns Pkwy.	45	6,178	Stop	93.0	0.0	II	45.3	A				
St. Johns Pkwy. to SR 46	45	2,429	Signal	83.4	31.8	II	19.9	D	32.2	B		
TOTAL		24,288		625.8	127.8						26.5	0.159 gal/veh

TABLE C2.1a

Year 2014 Seminole County Travel Time & Delay Study

CR 15 - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
CR 427 to Continental Blvd.	40	898	Stop	19.2	0.0	III	31.9	A				
Continental Blvd. to North Rd.	40	1,584	Stop	27.6	0.0	III	39.1	A				
North Rd. to Main Rd.	40	2,693	Stop	49.8	0.0	III	36.9	A				
Main Rd. to Broadmoor Rd.	35	1,373	Stop	28.8	0.0	III	32.5	A	35.6	A		
Broadmoor Rd. to Evansdale Rd.	35	2,006	Stop	48.0	0.0	III	28.5	B				
Evansdale Rd. to Lake Mary Blvd.	35	2,112	Signal	115.8	54.6	III	12.4	E	17.1	D		
Lake Mary Blvd. to Crystal Lake Ave.	35	1,003	Stop	24.6	0.0	III	27.8	B				
Crystal Lake Ave. to Rantoul Ln.	35	4,594	Stop	94.8	0.0	III	33.0	A	32.0	A		
Rantoul Ln. to CR 46A W.	35	6,547	Signal	141.0	5.4	III	31.7	A	31.7	A		
CR 46A W to CR 46A E.	40	528	Signal	41.4	24.0	III	8.7	F	8.7	F		
CR 46A to Briarwood Dr.	40	845	Stop	21.0	0.0	III	27.4	B				
Briarwood Dr. to Central Park Dr.	40	4,118	Stop	79.2	2.4	III	35.5	A	33.8	A		
Central Park Dr. to St. Johns Pkwy.	45	3,485	Signal	97.8	18.6	III	24.3	B	24.3	B		
St. Johns Pkwy to SR 46	45\30	2,746	Signal	105.6	29.4	III	17.7	D	17.7	D		
SR 46 to Orange Blvd.	40	6,072	Signal	108.6	2.4	III	38.1	A	38.1	A		
Orange Blvd. to US 17/92	35	1,637	Signal	58.2	15.0	III	19.2	C	19.2	C		
TOTAL		42,240		1,061.4	151.8						27.1	0.283 gal/veh
PM PEAK HOUR												
CR 427 to Continental Blvd.	40	898	Stop	17.4	0.0	III	35.2	A				
Continental Blvd. to North Rd.	40	1,584	Stop	28.8	0.0	III	37.5	A				
North Rd. to Main Rd.	40	2,693	Stop	49.8	0.0	III	36.9	A				
Main Rd. to Broadmoor Rd.	35	1,373	Stop	25.8	0.0	III	36.3	A	36.6	A		
Broadmoor Rd. to Evansdale Rd.	35	2,006	Stop	38.4	0.0	III	35.6	A				
Evansdale Rd. to Lake Mary Blvd.	35	2,112	Signal	111.6	16.2	III	12.9	E	18.7	C		
Lake Mary Blvd. to Crystal Lake Ave.	35	1,003	Stop	24.6	0.0	III	27.8	B				
Crystal Lake Ave. to Rantoul Ln.	35	4,594	Stop	94.2	0.0	III	33.2	A	32.1	A		
Rantoul Ln. to CR 46A W.	35	6,547	Signal	148.2	15.0	III	30.1	A	30.1	A		
CR 46A W to CR 46A E.	40	528	Signal	42.6	22.2	III	8.5	F	8.5	F		
CR 46A to Briarwood Dr.	40	845	Stop	21.0	0.6	III	27.4	B				
Briarwood Dr. to Central Park Dr.	40	4,118	Stop	78.0	0.0	III	36.0	A	34.2	A		
Central Park Dr. to St. Johns Pkwy.	45	3,485	Signal	87.0	5.4	III	27.3	B	27.3	B		
St. Johns Pkwy to SR 46	45\30	2,746	Signal	109.2	35.4	III	17.1	D	17.1	D		
SR 46 to Orange Blvd.	40	6,072	Signal	252.6	130.2	III	16.4	D	16.4	D		
Orange Blvd. to US 17/92	35	1,637	Signal	48.0	8.4	III	23.2	C	23.2	C		
TOTAL		42,240		1,177.2	233.4						24.5	0.283 gal/veh

TABLE C2.1b

Year 2014 Seminole County Travel Time & Delay Study

CR 15 - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
US 17/92 to Orange Blvd.	40	1,637	Signal	51.6	8.4	III	21.6	C	21.6	C		
Orange Blvd. to SR 46	40	6,072	Signal	154.8	24.6	III	26.7	B	26.7	B		
SR 46 to St. Johns Pkwy.	45\30	2,746	Signal	79.2	12.0	III	23.6	C	23.6	C		
St. Johns Pkwy. to Central Park Dr.	45	3,485	Stop	70.2	2.4	III	33.8	A	33.8	A		
Central Park Dr. to Briarwood Dr.	40	4,118	Stop	76.8	0.0	III	36.6	A				
Briarwood Dr. to CR 46A E.	40	845	Signal	29.4	5.4	III	19.6	C	31.9	A		
CR 46A E to CR 46A W.	40	528	Signal	25.2	8.4	III	14.3	D	14.3	D		
CR 46A W to Rantoul Ln.	35	6,547	Stop	145.2	7.2	III	30.7	A	30.7	A		
Rantoul Ln. to Crystal Lake Dr.	35	4,594	Stop	95.4	3.0	III	32.8	A				
Crystal Lake Dr. to Lake Mary Blvd.	35	1,003	Signal	114.0	48.0	III	6.0	F	18.2	C		
Lake Mary Blvd. to Evansdale Rd.	35	2,112	Stop	58.2	2.4	III	24.7	B				
Evansdale Rd. to Broadmoor Rd.	35	2,006	Stop	48.6	0.0	III	28.1	B	26.3	B		
Broadmoor Rd. to Main Rd.	35	1,373	Stop	28.8	0.0	III	32.5	A				
Main Rd. to North Rd.	35/40	2,693	Stop	48.0	0.0	III	38.2	A				
North Rd. to Continental Blvd.	40	1,584	Stop	28.2	0.0	III	38.3	A				
Continental Blvd. to CR 427	40	898	Signal	33.0	7.8	III	18.5	C	32.3	A		
TOTAL		42,240		1,086.6	129.6						26.5	0.285 gal/veh
PM PEAK HOUR												
US 17/92 to Orange Blvd.	40	1,637	Signal	121.8	75.6	III	9.2	F	9.2	F		
Orange Blvd. to SR 46	40	6,072	Signal	151.2	31.2	III	27.4	B	27.4	B		
SR 46 to St. Johns Pkwy.	45\30	2,746	Signal	93.6	28.2	III	20.0	C	20.0	C		
St. Johns Pkwy. to Central Park Dr.	45	3,485	Stop	69.6	0.0	III	34.1	A	34.1	A		
Central Park Dr. to Briarwood Dr.	40	4,118	Stop	83.4	0.6	III	33.7	A				
Briarwood Dr. to CR 46A E.	40	845	Signal	43.2	16.2	III	13.3	E	26.7	B		
CR 46A E to CR 46A W.	40	528	Signal	22.2	5.4	III	16.2	D	16.2	D		
CR 46A W to Rantoul Ln.	35	6,547	Stop	137.4	4.8	III	32.5	A	32.5	A		
Rantoul Ln. to Crystal Lake Dr.	35	4,594	Stop	96.6	3.0	III	32.4	A				
Crystal Lake Dr. to Lake Mary Blvd.	35	1,003	Signal	111.6	72.0	III	6.1	F	18.3	C		
Lake Mary Blvd. to Evansdale Rd.	35	2,112	Stop	49.8	1.2	III	28.9	B				
Evansdale Rd. to Broadmoor Rd.	35	2,006	Stop	40.2	0.0	III	34.0	A	31.2	A		
Broadmoor Rd. to Main Rd.	35	1,373	Stop	25.8	0.0	III	36.3	A				
Main Rd. to North Rd.	35/40	2,693	Stop	49.2	0.0	III	37.3	A				
North Rd. to Continental Blvd.	40	1,584	Stop	28.8	0.0	III	37.5	A				
Continental Blvd. to CR 427	40	898	Signal	77.4	49.2	III	7.9	F	24.6	B		
TOTAL		42,240		1,201.8	287.4						24.0	0.284 gal/veh

TABLE C3.1a

Year 2014 Seminole County Travel Time & Delay Study

Central Parkway - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Montgomery Rd. to Marion Ave.	35	1,320	Stop	37.8	7.2	III	23.8	C				
Marion Ave. to Franklin Ave.	35	1,320	Stop	26.4	0.0	III	34.1	A				
Franklin Ave. to Douglas Ave.	35	1,320	Signal	109.2	57.6	III	8.2	F	15.6	D		
Douglas Ave. to Raymond Ave.	35	1,214	Signal	28.2	0.0	III	29.4	B				
Raymond Ave. to Center Pointe Dr.	35	1,531	Signal	31.8	0.0	III	32.8	A				
Center Pointe Dr. to Cranes Roost Blvd.	35	1,109	Signal	25.8	0.0	III	29.3	B				
Cranes Roost Blvd. to One Center Blvd.	30	1,214	Stop	25.2	0.0	III	32.9	A				
One Center Blvd. to Palm Springs Dr.	30	845	Signal	39.6	20.4	III	14.5	D	26.8	B		
TOTAL		9,874		324.0	85.2						20.8	0.067 gal/veh
PM PEAK HOUR												
Montgomery Rd. to Marion Ave.	35	1,320	Stop	28.2	0.0	III	31.9	A				
Marion Ave. to Franklin Ave.	35	1,320	Stop	25.8	0.0	III	34.9	A				
Franklin Ave. to Douglas Ave.	35	1,320	Signal	108.0	37.2	III	8.3	F	16.7	D		
Douglas Ave. to Raymond Ave.	35	1,214	Signal	30.6	1.8	III	27.1	B				
Raymond Ave. to Center Pointe Dr.	35	1,531	Signal	37.8	3.0	III	27.6	B				
Center Pointe Dr. to Cranes Roost Blvd.	35	1,109	Signal	29.4	1.8	III	25.7	B				
Cranes Roost Blvd. to One Center Blvd.	30	1,214	Stop	25.8	0.0	III	32.1	A				
One Center Blvd. to Palm Springs Dr.	30	845	Signal	30.0	9.6	III	19.2	C	26.2	B		
TOTAL		9,874		315.6	53.4						21.3	0.067 gal/veh

TABLE C3.1b

Year 2014 Seminole County Travel Time & Delay Study

Central Parkway - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Palm Springs Dr to One Center Blvd.	30	845	Stop	21.0	0.0	III	27.4	B				
One Center Blvd to Cranes Roost Blvd.	35	1,214	Signal	34.8	5.4	III	23.8	C				
Cranes Roost Blvd to Center Pointe Dr.	35	1,109	Signal	30.6	3.6	III	24.7	B				
Center Pointe Dr to Raymond Ave.	35	1,531	Signal	36.6	3.0	III	28.5	B				
Raymond Ave to Douglas Ave.	35	1,214	Signal	103.2	44.4	III	8.0	F	17.8	D		
Douglas Dr to Franklin Ave.	35	1,320	Stop	25.8	0.0	III	34.9	A				
Franklin Ave to Marion Ave.	35	1,320	Stop	25.8	0.0	III	34.9	A				
Marion Ave to Montgomery Rd.	35	1,320	Signal	55.8	24.0	III	16.1	D	25.1	B		
TOTAL		9,874		333.6	80.4						20.2	0.067 gal/veh
PM PEAK HOUR												
Palm Springs Dr to One Center Blvd.	30	845	Stop	21.6	0.0	III	26.7	B				
One Center Blvd to Cranes Roost Blvd.	35	1,214	Signal	33.0	3.0	III	25.1	B				
Cranes Roost Blvd to Center Pointe Dr.	35	1,109	Signal	26.4	0.0	III	28.6	B				
Center Pointe Dr to Raymond Ave.	35	1,531	Signal	41.4	6.0	III	25.2	B				
Raymond Ave to Douglas Ave.	35	1,214	Signal	90.6	30.6	III	9.1	F	18.9	C		
Douglas Dr to Franklin Ave.	35	1,320	Stop	25.8	0.0	III	34.9	A				
Franklin Ave to Marion Ave.	35	1,320	Stop	27.0	0.0	III	33.3	A				
Marion Ave to Montgomery Rd.	35	1,320	Signal	74.4	27.6	III	12.1	E	21.2	C		
TOTAL		9,874		340.2	67.2						19.8	0.068 gal/veh

TABLE C4.1a
Year 2014 Seminole County Travel Time & Delay Study
Chapman Road - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 426 to Woodpecker Ln.	40	1,637	Signal	31.8	0.0	II	35.1	A				
Woodpecker Ln. to Wembley Pl.	40	1,795	Stop	30.0	0.0	II	40.8	A	37.9	A		
Wembley Pl. to SR 434	40	4,805	Signal	174.6	84.0	II	18.8	D	18.8	D		
Total		8,237		236.4	84.0						23.8	0.055 gal/veh
PM PEAK HOUR												
SR 426 to Woodpecker Ln.	40	1,637	Signal	35.4	2.4	II	31.5	B				
Woodpecker Ln. to Wembley Pl.	40	1,795	Stop	31.2	0.0	II	39.2	A	35.1	A		
Wembley Pl. to SR 434	40	4,805	Signal	150.6	34.8	II	21.8	D	21.8	D		
Total		8,237		217.2	37.2						25.9	0.055 gal/veh

TABLE C4.1b
Year 2014 Seminole County Travel Time & Delay Study
Chapman Road - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 434 to Wembley Pl.	40	4,805	Stop	99.0	3.6	II	33.1	B	33.1	B		
Wembley Pl. to Woodpecker Ln.	40	1,795	Signal	31.2	0.0	II	39.2	A				
Woodpecker Ln. to SR 426	40	1,637	Signal	112.8	31.8	II	9.9	F	16.2	E		
TOTAL		8,237		243.0	35.4						23.1	0.054 gal/veh
PM PEAK HOUR												
SR 434 to Wembley Pl.	40	4,805	Stop	89.4	1.8	II	36.6	A	36.6	A		
Wembley Pl. to Woodpecker Ln.	40	1,795	Signal	36.0	1.8	II	34.0	B				
Woodpecker Ln. to SR 426	40	1,637	Signal	82.2	35.4	II	13.6	E	19.8	D		
TOTAL		8,237		207.6	39.0						27.1	0.055 gal/veh

TABLE C5.1a

Year 2014 Seminole County Travel Time & Delay Study

CR 419 - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump
AM PEAK HOUR												
SR 434 to CR 426	30	264	Signal	6.6	0.0	**IV**	27.3	A	27.3	A		
CR 426 to Division St.	30/35	1,056	Signal	54.6	17.4	**IV**	13.2	C				
Division St. to Academy St.	35	2,904	Signal	78.6	11.4	**IV**	25.2	A				
Academy St. to Reed Rd.	35	1,531	Stop	27.6	0.0	**IV**	37.8	A	23.3	B		
Reed Rd. to Lockwood Rd.	45	5,650	Signal	115.2	24.6	**II**	33.4	B	33.4	B		
Lockwood Rd. to Twin Rivers Blvd.	45	7,498	Signal	128.4	7.2	**II**	39.8	A				
Twin Rivers Blvd. to Live Oak Reserve Blvd.	45	1,848	Signal	42.6	5.4	**II**	29.6	B				
Live Oak Reserve Blvd. to Snow Hill Rd.	45	4,805	Signal	93.6	13.2	**II**	35.0	B				
Snow Hill Rd. to 2nd St.	45	1,901	Stop	30.0	0.0	**II**	43.2	A	37.1	A		
2nd St. to 7th St.	45	1,848	Stop	26.4	0.0	**II**	47.7	A				
7th St. to 11th St.	45	1,584	Stop	22.8	0.0	**II**	47.4	A	47.6	A		
11th St. to Lake Mills Rd.	55	2,006	Stop	26.4	0.0	**I**	51.8	A				
Lake Mills Rd. to Orange Co. Line	55	6,336	Stop	83.4	0.0	**I**	51.8	A	51.8	A		
TOTAL		39,230		736.2	79.2						36.3	0.253 gal/veh
PM PEAK HOUR												
SR 434 to CR 426	30	264	Signal	18.6	7.8	**IV**	9.7	D	9.7	D		
CR 426 to Division St.	30/35	1,056	Signal	52.8	21.6	**IV**	13.6	C				
Division St. to Academy St.	35	2,904	Signal	78.0	16.2	**IV**	25.4	A				
Academy St. to Reed Rd.	35	1,531	Stop	27.6	0.0	**IV**	37.8	A	23.6	B		
Reed Rd. to Lockwood Rd.	45	5,650	Signal	170.4	11.4	**II**	22.6	C	22.6	C		
Lockwood Rd. to Twin Rivers Blvd.	45	7,498	Signal	125.4	5.4	**II**	40.8	A				
Twin Rivers Blvd. to Live Oak Reserve Blvd.	45	1,848	Signal	35.4	1.8	**II**	35.6	A				
Live Oak Reserve Blvd. to Snow Hill Rd.	45	4,805	Signal	92.4	10.2	**II**	35.5	A				
Snow Hill Rd. to 2nd St.	45	1,901	Stop	30.6	0.0	**II**	42.4	A	38.6	A		
2nd St. to 7th St.	45	1,848	Stop	26.4	0.0	**II**	47.7	A				
2nd St. to 11th St.	45	1,584	Stop	21.6	0.0	**II**	50.0	A	48.7	A		
11th St. to Lake Mills Rd.	55	2,006	Stop	25.8	0.0	**I**	53.0	A				
Lake Mills Rd. to Orange Co. Line	55	6,336	Stop	78.0	0.0	**I**	55.4	A	54.8	A		
TOTAL		39,230		783.0	74.4						34.2	0.254 gal/veh

TABLE C5.1b

Year 2014 Seminole County Travel Time & Delay Study

CR 419 - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump
AM PEAK HOUR												
Orange Co. Line to Lake Mills Rd.	55	6,336	Stop	79.2	0.0	**II**	54.5	A				
Lake Mills Rd. to 11th St.	55	2,006	Stop	25.8	0.0	**II**	53.0	A	54.2	A		
11th St. to 7th St.	45	1,584	Stop	22.8	0.0	**II**	47.4	A				
7th St. to 2nd St.	45	1,848	Stop	27.6	0.0	**II**	45.7	A	46.4	A		
2nd St. to Snow Hill Rd.	45	1,901	Signal	60.6	7.2	**II**	21.4	D				
Snow Hill Rd. to Live Oak Reserve Blvd.	45	4,805	Signal	90.6	13.2	**II**	36.2	A				
Live Oak Reserve Blvd. to Twin Rivers Blvd.	45	1,848	Signal	40.2	1.2	**II**	31.3	B				
Twin Rivers Blvd. to Lockwood Blvd.	45	7,498	Signal	150.0	21.0	**II**	34.1	B	32.1	B		
Lockwood Blvd. to Reed Rd.	45	5,650	Signal	92.4	0.0	**II**	41.7	A	41.7	A		
Reed Rd. to Academy St.	35	1,531	Signal	45.6	12.6	**IV**	22.9	B				
Academy St. to Division St.	35	2,904	Signal	71.4	9.0	**IV**	27.7	A				
Division St. to CR 426	35	1,056	Signal	107.4	66.0	**IV**	6.7	F	16.7	C		
CR 426 to SR 434	30	264	Signal	7.2	0.6	**IV**	25.0	B	25.0	B		
TOTAL		39,230		820.8	130.8						32.6	0.256 gal/veh
PM PEAK HOUR												.
Orange Co. Line to Lake Mills Rd.	55	6,336	Stop	78.6	0.0	**II**	55.0	A				
Lake Mills Rd. to 11th St.	55	2,006	Stop	25.2	0.0	**II**	54.3	A	54.8	A		
11th St. to 7th St.	45	1,584	Stop	21.6	0.0	**II**	50.0	A				
7th St. to 2nd St.	45	1,848	Stop	27.0	0.0	**II**	46.7	A	48.1	A		
2nd St. to Snow Hill Rd.	45	1,901	Signal	63.6	12.6	**II**	20.4	D				
Snow Hill Rd. to Live Oak Reserve Blvd.	45	4,805	Signal	72.6	0.0	**II**	45.1	A				
Live Oak Reserve Blvd. to Twin Rivers Blvd.	45	1,848	Signal	41.4	10.8	**II**	30.4	B				
Twin Rivers Blvd. to Lockwood Blvd.	45	7,498	Signal	164.4	22.2	**II**	31.1	B	32.0	B		
Lockwood Blvd. to Reed Rd.	45	5,650	Signal	91.8	0.0	**II**	42.0	A	42.0	A		
Reed Rd. to Academy St.	35	1,531	Signal	64.8	30.6	**IV**	16.1	C				
Academy St. to Division St.	35	2,904	Signal	85.8	14.4	**IV**	23.1	B				
Division St. to CR 426	35	1,056	Signal	110.4	74.4	**IV**	6.5	F	14.3	C		
CR 426 to SR 434	30	264	Signal	7.8	0.0	**IV**	23.1	B	23.1	B		
TOTAL		39,230		855.0	165.0						31.3	0.255 gal/veh

TABLE C6.1a

Year 2014 Seminole County Travel Time & Delay Study

CR 426 - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump
AM PEAK HOUR												
CR 419 to Division St.	30	1,531	Roundabout	43.2	3.6	**IV**	24.2	B	24.2	B		
Division St. to Lake Charm Dr.	30/40	2,270	Stop	45.0	0.0	**III**	34.4	A	34.4	A		
Lake Charm Dr. to Reed Rd.	40	2,587	Stop	43.8	0.0	**II**	40.3	A	40.3	A		
Reed Rd. to Oklahoma St.	40	3,802	Stop	60.6	0.0	**II**	42.8	A				
Oklahoma St. to Lockwood Rd./Stone St.	45	2,851	Stop	44.4	0.0	**II**	43.8	A	43.2	A		
Lockwood Rd./Stone St. to Van Arsdale St.	45	1,426	Stop	21.0	0.0	**II**	46.3	A	46.3	A		
Van Arsdale St. to Seminole Woods Blvd.	55	15,259	Stop	201.6	0.0	**I**	51.6	A	51.6	A		
Seminole Woods Blvd. to Old Mims Rd.	45	4,013	Stop	59.4	0.0	**II**	46.1	A				
Old Mims Rd. to Snow Hill Rd.	45	2,798	Stop	42.0	0.0	**II**	45.4	A				
Snow Hill Rd. to SR 46	45	4,435	Signal	82.8	8.4	**II**	36.5	A	41.6	A		
TOTAL		40,973		643.8	12.0						43.4	0.262 gal/veh
PM PEAK HOUR												
CR 419 to Division St.	30	1,531	Roundabout	47.4	7.2	**IV**	22.0	B	22.0	B		
Division St. to Lake Charm Dr.	40	2,270	Stop	43.2	0.0	**II**	35.8	A	35.8	A		
Lake Charm Dr. to Reed Rd.	40	2,587	Stop	43.8	0.0	**II**	40.3	A	40.3	A		
Reed Rd. to Oklahoma St.	40	3,802	Stop	58.8	0.0	**II**	44.1	A				
Oklahoma St. to Lockwood Rd./Stone St.	45	2,851	Stop	42.0	0.0	**II**	46.3	A	45.0	A		
Lockwood Rd./Stone St. to Van Arsdale St.	45	1,426	Stop	21.0	0.0	**II**	46.3	A	46.3	A		
Van Arsdale St. to Seminole Woods Blvd.	55	15,259	Stop	199.8	0.0	**II**	52.1	A	52.1	A		
Seminole Woods Blvd. to Old Mims Rd.	45	4,013	Stop	58.2	0.0	**II**	47.0	A				
Old Mims Rd. to Snow Hill Rd.	45	2,798	Stop	39.0	0.0	**II**	48.9	A				
Snow Hill Rd. to SR 46	45	4,435	Signal	85.8	13.8	**II**	35.2	A	41.9	A		
TOTAL		40,973		639.0	21.0						43.7	0.262 gal/veh

TABLE C6.1b
Year 2014 Seminole County Travel Time & Delay Study
CR 426 - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump
AM PEAK HOUR												
SR 46 to Snow Hill Rd.	45	4,435	Stop	69.0	0.0	**II**	43.8	A				
Snow Hill Rd. to Old Mims Rd.	45	2,798	Stop	41.4	0.0	**II**	46.1	A				
Old Mims Rd. to Seminole Woods Blvd.	45	4,013	Stop	59.4	0.0	**II**	46.1	A	45.2	A		
Seminole Woods Blvd. to Van Arsdale St.	55	15,259	Stop	195.6	0.0	**I**	53.2	A	53.2	A		
Van Arsdale St. to Lockwood Rd./Stone St.	45	1,426	Stop	21.0	0.0	**II**	46.3	A	46.3	A		
Lockwood Rd./Stone St. to Oklahoma St.	45	2,851	Stop	43.2	0.0	**II**	45.0	A				
Oklahoma St. to Reed Rd.	40	3,802	Stop	61.8	0.0	**II**	41.9	A	43.2	A		
Reed Rd. to Lake Charm Dr.	40	2,587	Stop	43.2	0.0	**II**	40.8	A	40.8	A		
Lake Charm Dr. to Division St.	40/30	2,270	Roundabout	55.8	1.8	**III**	27.7	B	27.7	B		
Division St. to CR 419	30	1,531	Signal	117.6	37.2	**IV**	8.9	B	8.9	B		
TOTAL		40,973		708.0	39.0						39.5	0.263 gal/veh
PM PEAK HOUR												
SR 46 to Snow Hill Rd.	45	4,435	Stop	68.4	0.0	**II**	44.2	A				
Snow Hill Rd. to Old Mims Rd.	45	2,798	Stop	40.8	0.0	**II**	46.8	A				
Old Mims Rd. to Seminole Woods Blvd.	45	4,013	Stop	58.8	0.0	**II**	46.5	A	45.6	A		
Seminole Woods Blvd. to Van Arsdale St.	55	15,259	Stop	201.0	0.0	**I**	51.8	A	51.8	A		
Van Arsdale St. to Lockwood Rd./Stone St.	45	1,426	Stop	20.4	0.0	**II**	47.6	A	47.6	A		
Lockwood Rd./Stone St. to Oklahoma St.	45	2,851	Stop	43.2	0.0	**II**	45.0	A				
Oklahoma St. to Reed Rd.	40	3,802	Stop	60.6	0.0	**II**	42.8	A	43.7	A		
Reed Rd. to Lake Charm Dr.	40	2,587	Stop	43.2	0.0	**II**	40.8	A	40.8	A		
Lake Charm Dr. to Division St.	40/30	2,270	Roundabout	54.6	0.6	**III**	28.4	B	28.4	B		
Division St. to CR 419	30	1,531	Signal	172.8	114.6	**IV**	6.0	F	6.0	F		
TOTAL		40,973		763.8	115.2						36.6	0.264 gal/veh

TABLE C7.1a
Year 2014 Seminole County Travel Time & Delay Study
CR 427 (Ronald Regan Boulevard) - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Ballard St. to Orienta Ave.	35	2,851	Stop	61.8	0.0	III	31.5	A	31.5	A		
Orienta Ave. to SR 436	35	739	Stop	76.8	41.4	III	6.6	F	6.6	F		
SR 436 to First St.	40	1,901	Stop	35.4	0.0	II	36.6	A				
First St. to Magnolia/Plumosa Ave.	40	3,485	Signal	68.4	6.0	II	34.7	B				
Magnolia/Plumosa Ave. to North St.	40	3,221	Signal	71.4	2.4	II	30.8	B	33.5	B		
North St. to Dog Track Rd.	40	581	Signal	15.6	0.0	II	25.4	C	25.4	C		
Dog Track Rd. to Wildmere Ave.	40	2,693	Stop	54.6	0.0	II	33.6	B				
Wildmere Ave. to SR 434	40/30	2,006	Signal	109.8	28.2	II	12.5	F	19.5	D		
SR 434 to Church Ave.	35	1,109	Signal	22.8	0.0	II	33.2	B				
Church Ave. to Longwood Hills Rd.	35/45	4,963	Signal	81.0	0.0	II	41.8	A	39.9	A		
Longwood Hills Rd. to Longwood Lake Mary Rd.	45	3,115	Signal	48.0	0.0	II	44.2	A	44.2	A		
Longwood Lake Mary Rd. to General Hutchison Rd.	45	528	Signal	9.6	0.0	II	37.5	A				
General Hutchison Rd. to Country Club Rd.	45	5,386	Signal	87.6	3.0	II	41.9	A	41.5	A		
Country Club Rd. to Silkwood Ct.	45	3,643	Signal	58.8	0.0	II	42.2	A				
Silkwood Ct. to US 17/92	45	1,531	Signal	177.6	90.0	II	5.9	F	14.9	E		
US 17/92 to County Home Rd.	45	4,435	Stop	72.6	0.0	II	41.7	A	41.7	A		
County Home Rd. to Bedford Rd.	45	7,867	Stop	123.6	0.0	II	43.4	A				
Bedford Rd. to SR 417 (SB Ramps)	45	3,274	Signal	76.8	18.6	II	29.1	B				
SR 417 (SB Ramps) to SR 417 (NB Ramps)	45	475	Signal	10.8	0.0	II	30.0	B				
SR 417 (NB Ramps) to Lake Mary Blvd.	45	1,267	Signal	91.2	53.4	II	9.5	F	29.0	B		
TOTAL		55,070		1,354.2	243.0						27.7	0.359 gal/veh
PM PEAK HOUR												
Ballard St. to Orienta Ave.	35	2,851	Stop	62.4	0.0	III	31.2	A	31.2	A		
Orienta Ave. to SR 436	35	739	Stop	108.6	58.8	III	4.6	F	4.6	F		
SR 436 to First St.	40	1,901	Stop	36.0	0.0	II	36.0	A				
First St. to Magnolia/Plumosa Ave.	40	3,485	Signal	70.8	7.2	II	33.6	B				
Magnolia/Plumosa Ave. to North St.	40	3,221	Signal	98.4	19.2	II	22.3	C	28.6	B		
North St. to Dog Track Rd.	40	581	Signal	46.8	16.8	II	8.5	F	8.5	F		
Dog Track Rd. to Wildmere Ave.	40	2,693	Stop	49.2	0.0	II	37.3	A				
Wildmere Ave. to SR 434	40/30	2,006	Signal	204.6	81.6	II	6.7	F	12.6	F		
SR 434 to Church Ave.	35	1,109	Signal	28.8	4.8	II	26.2	C				
Church Ave. to Longwood Hills Rd.	35/45	4,963	Signal	92.4	6.0	II	36.6	A	34.2	B		
Longwood Hills Rd. to Longwood Lake Mary Rd.	45	3,115	Signal	58.2	5.4	II	36.5	A	36.5	A		
Longwood Lake Mary Rd. to General Hutchison Rd.	45	528	Signal	15.0	0.0	II	24.0	C				
General Hutchison Rd. to Country Club Rd.	45	5,386	Signal	87.6	0.0	II	41.9	A	39.3	A		
Country Club Rd. to Silkwood Ct.	45	3,643	Signal	73.8	6.6	II	33.7	B				
Silkwood Ct. to US 17/92	45	1,531	Signal	76.8	39.0	II	13.6	E	23.4	C		
US 17/92 to County Home Rd.	45	4,435	Stop	75.0	0.0	II	40.3	A	40.3	A		
County Home Rd. to Bedford Rd.	45	7,867	Stop	126.6	0.0	II	42.4	A				
Bedford Rd. to SR 417 (SB Ramps)	45	3,274	Signal	73.2	8.4	II	30.5	B				
SR 417 (SB Ramps) to SR 417 (NB Ramps)	45	475	Signal	15.6	1.8	II	20.8	D				
SR 417 (NB Ramps) to Lake Mary Blvd.	45	1,267	Signal	42.6	13.2	II	20.3	D	34.0	B		
TOTAL		55,070		1,442.4	268.8						26.0	0.364 gal/veh

TABLE C7.1b
Year 2014 Seminole County Travel Time & Delay Study
CR 427 (Ronald Regan Boulevard) - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Lake Mary Blvd. to SR 417 (NB Ramps)	45	1,267	Signal	21.6	0.0	II	40.0	A				
SR 417 (NB Ramps) to SR 417 (SB Ramps)	45	475	Signal	7.2	0.0	II	45.0	A				
SR 417 (SB Ramps) to Bedford Rd.	45	3,274	Stop	51.0	0.0	II	43.8	A				
Bedford Rd. to County Home Rd.	45	7,867	Stop	122.4	0.0	II	43.8	A	43.4	A		
County Home Rd. to US 17/92	45	4,435	Signal	174.0	51.0	II	17.4	D	17.4	D		
US 17-92 to Silkwood Ct.	45	1,531	Signal	52.8	16.8	II	19.8	D				
Silkwood Ct. to Country Club Rd.	45	3,643	Signal	63.0	0.6	II	39.4	A	30.5	B		
Country Club Rd. to General Hutchison	45	5,386	Signal	87.6	0.0	II	41.9	A				
General Hutchison to Longwood Lake Mary Rd.	45	528	Signal	20.4	9.6	II	17.6	D	37.3	A		
Longwood Lake Mary Rd. to Longwood Hills Rd.	45	3,115	Signal	80.4	20.4	II	26.4	C	26.4	C		
Longwood Hills Rd. to Church Ave.	35/45	4,963	Signal	91.2	1.2	II	37.1	A				
Church Ave. to SR 434	35	1,109	Signal	145.2	97.2	II	5.2	F	17.5	D		
SR 434 to Wildmere Ave.	40	2,006	Stop	37.8	0.0	II	36.2	A				
Wildmere Ave. to Dog Track Rd.	40	2,693	Signal	55.2	0.0	II	33.3	B	34.5	B		
Dog Track Rd. to North St.	40	581	Signal	24.6	7.8	II	16.1	E	16.1	E		
North St. to Magnolia/Plumosa Ave.	40	3,221	Signal	67.8	5.4	II	32.4	B				
Magnolia/Plumosa Ave. to First St.	40	3,485	Stop	60.6	0.0	II	39.2	A				
First St. to SR 436	40	1,901	Signal	95.4	26.4	II	13.6	E	26.2	C		
SR 436 to Orienta Ave.	35	739	Stop	18.0	0.0	III	28.0	B	28.0	B		
Orienta Ave. to Ballard St.	35	2,851	Stop	83.4	15.0	III	23.3	C	23.3	C		
TOTAL		55,070		1,359.6	251.4						27.6	0.363 gal/veh
PM PEAK HOUR												
Lake Mary Blvd. to SR 417 (NB Ramps)	45	1,267	Signal	22.8	0.0	II	37.9	A				
SR 417 (NB Ramps) to SR 417 (SB Ramps)	45	475	Signal	8.4	0.0	II	38.6	A				
SR 417 (SB Ramps) to Bedford Rd.	45	3,274	Stop	53.4	0.0	II	41.8	A				
Bedford Rd. to County Home Rd.	45	7,867	Stop	121.2	0.0	II	44.3	A	42.7	A		
County Home Rd. to US 17/92	45	4,435	Signal	195.0	73.2	II	15.5	E	15.5	E		
US 17-92 to Silkwood Ct.	45	1,531	Signal	33.6	2.4	II	31.1	B				
Silkwood Ct. to Country Club Rd.	45	3,643	Signal	66.0	4.8	II	37.6	A	35.4	A		
Country Club Rd. to General Hutchison	45	5,386	Signal	91.2	0.0	II	40.3	A				
General Hutchison to Longwood Lake Mary Rd.	45	528	Signal	33.0	10.2	II	10.9	F	32.5	B		
Longwood Lake Mary Rd. to Longwood Hills Rd.	45	3,115	Signal	88.8	1.8	II	23.9	C	23.9	C		
Longwood Hills Rd. to Church Ave.	35/45	4,963	Signal	108.0	9.6	II	31.3	B				
Church Ave. to SR 434	35	1,109	Signal	128.4	46.8	II	5.9	F	17.5	D		
SR 434 to Wildmere Ave.	40	2,006	Stop	37.8	0.0	II	36.2	A				
Wildmere Ave. to Dog Track Rd.	40	2,693	Signal	51.6	1.8	II	35.6	A	35.8	A		
Dog Track Rd. to North St.	40	581	Signal	19.2	4.2	II	20.6	D	20.6	D		
North St. to Magnolia/Plumosa Ave.	40	3,221	Signal	72.6	7.2	II	30.2	B				
Magnolia/Plumosa Ave. to First St.	40	3,485	Stop	61.2	0.0	II	38.8	A				
First St. to SR 436	40	1,901	Signal	116.4	71.4	II	11.1	F	23.5	C		
SR 436 to Orienta Ave.	35	739	Stop	18.0	0.0	III	28.0	B	28.0	B		
Orienta Ave. to Ballard St.	35	2,851	Stop	76.8	11.4	III	25.3	B	25.3	B		
TOTAL		55,070		1,403.4	244.8						26.8	0.362 gal/veh

TABLE C8.1a

Year 2014 Seminole County Travel Time & Delay Study

CR 46A - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Orange Blvd. to International Pkwy.	35	1,584	Signal	147.0	44.4	II	7.3	F				
International Pkwy. to I-4 WB Ramps	40	1,214	Signal	67.8	4.8	II	12.2	F				
I-4 WB Ramps to I-4 EB Ramps	40	1,426	Signal	27.6	0.0	II	35.2	A				
I-4 EB Ramps to Rinehart Rd.	40	792	Signal	25.2	3.0	II	21.4	D	12.8	F		
Rinehart Rd. to Bright Meadow Dr.	40	3,010	Stop	54.6	0.0	II	37.6	A				
Bright Meadow Dr. to Oregon Ave.	40	3,010	Signal	54.0	0.0	II	38.0	A				
Oregon Ave. to Rantoul Ln.	40	2,165	Stop	37.2	0.0	II	39.7	A				
Rantoul Ln. to Country Club (West)	40	1,267	Signal	29.4	3.6	II	29.4	B				
Country Club (West) to Upsala Rd.	40	528	Signal	10.2	0.0	II	35.3	A				
Upsala Rd. to Vihlen Rd.	40	2,640	Signal	56.4	6.6	II	31.9	B				
Vihlen Rd. to Country Club (East)	40	211	Signal	8.4	0.0	II	17.1	D				
Country Club (East) to Casa Verde Blvd.	40	634	Signal	10.8	0.0	II	40.0	A				
Casa Verde Blvd. to SR 417 SB	40	898	Signal	18.6	0.6	II	32.9	B				
SR 417 SB to SR 417 NB	40	634	Signal	11.4	0.6	II	37.9	A				
SR 417 NB to Airport Blvd.	40	1,003	Signal	46.8	14.4	II	14.6	E	32.0	B		
Airport Blvd. to Old Lake Mary Rd.	40	1,320	Signal	27.6	0.6	II	32.6	B				
Old Lake Mary Rd. to RR Tracks	40	528	Stop	9.6	0.0	II	37.5	A				
RR Tracks to Hardy Ave.	40	1,426	Stop	24.6	0.0	II	39.5	A				
Hardy Ave. to Ridgewood Ave.	40	1,162	Signal	19.8	0.0	II	40.0	A				
Ridgewood Ave. to Georgia Ave.	40	845	Stop	15.0	0.0	II	38.4	A				
Georgia Ave. to Hartwell Ave.	40	317	Signal	5.4	0.0	II	40.0	A				
Hartwell Ave. to Grenada Ave.	45	1,320	Stop	21.6	0.0	II	41.7	A				
Grenada Ave. to US 17/92	30	1,003	Signal	70.8	33.0	II	9.7	F	27.8	C		
TOTAL		28,934		799.8	111.6						24.7	0.193 gal/veh
PM PEAK HOUR												
Orange Blvd. to International Pkwy.	35	1,584	Signal	115.8	72.0	II	9.3	F				
International Pkwy. to I-4 WB Ramps	40	1,214	Signal	56.4	25.2	II	14.7	E				
I-4 WB Ramps to I-4 EB Ramps	40	1,426	Signal	42.0	4.2	II	23.1	C				
I-4 EB Ramps to Rinehart Rd.	40	792	Signal	28.2	6.6	II	19.1	D	14.1	E		
Rinehart Rd. to Bright Meadow Dr.	40	3,010	Stop	57.0	0.0	II	36.0	A				
Bright Meadow Dr. to Oregon Ave.	40	3,010	Signal	83.4	18.6	II	24.6	C				
Oregon Ave. to Rantoul Ln.	40	2,165	Stop	39.0	0.0	II	37.8	A				
Rantoul Ln. to Country Club (West)	40	1,267	Signal	28.8	1.2	II	30.0	B				
Country Club (West) to Upsala Rd.	40	528	Signal	9.6	0.0	II	37.5	A				
Upsala Rd. to Vihlen Rd.	40	2,640	Signal	49.2	0.0	II	36.6	A				
Vihlen Rd. to Country Club (East)	40	211	Signal	6.0	0.0	II	24.0	C				
Country Club (East) to Casa Verde Blvd.	40	634	Signal	9.0	0.0	II	48.0	A				
Casa Verde Blvd. to SR 417 SB	40	898	Signal	18.6	0.0	II	32.9	B				
SR 417 SB to SR 417 NB	40	634	Signal	12.0	0.0	II	36.0	A				
SR 417 NB to Airport Blvd.	40	1,003	Signal	22.8	0.0	II	30.0	B	32.1	B		
Airport Blvd. to Old Lake Mary Rd.	40	1,320	Signal	25.8	0.0	II	34.9	B				
Old Lake Mary Rd. to RR Tracks	40	528	Stop	10.2	0.0	II	35.3	A				
RR Tracks to Hardy Ave.	40	1,426	Stop	25.8	0.0	II	37.7	A				
Hardy Ave. to Ridgewood Ave.	40	1,162	Signal	19.8	0.0	II	40.0	A				
Ridgewood Ave. to Georgia Ave.	40	845	Stop	27.0	11.4	II	21.3	D				
Georgia Ave. to Hartwell Ave.	40	317	Signal	5.4	0.0	II	40.0	A				
Hartwell Ave. to Grenada Ave.	45	1,320	Stop	22.8	0.0	II	39.5	A				
Grenada Ave. to US 17/92	30	1,003	Signal	96.6	58.8	II	7.1	F	23.1	C		
TOTAL		28,934		811.2	198.0						24.3	0.194 gal/veh

TABLE C8.1b

Year 2014 Seminole County Travel Time & Delay Study

CR 46A - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
US 17/92 to Grenada Ave.	30	1,003	Stop	18.6	0.0	II	36.8	A				
Grenada Ave. to Hartwell Ave.	45	1,320	Signal	32.4	9.0	II	27.8	C				
Hartwell Ave. to Georgia Ave.	45	317	Stop	5.4	0.0	II	40.0	A				
Georgia Ave. to Ridgewood Ave.	45	845	Signal	24.6	7.2	II	23.4	C				
Ridgewood Ave. to Hardy Ave.	45	1,162	Stop	19.2	0.0	II	41.2	A				
Hardy Ave. to RR Tracks	45	1,426	Stop	24.6	0.0	II	39.5	A				
RR Tracks to Old Lake Mary Rd.	45	528	Signal	14.4	3.0	II	25.0	C				
Old Lake Mary Rd. to Airport Blvd.	45	1,320	Signal	27.6	0.6	II	32.6	B	32.4	B		
Airport Blvd. to SR 417 NB	45	1,003	Signal	18.6	0.0	II	36.8	A				
SR 417 NB to SR 417 SB	45	634	Signal	10.2	0.0	II	42.4	A				
SR 417 SB to Casa Verde Blvd.	40	898	Signal	16.2	0.0	II	37.8	A				
Casa Verde Blvd. to Country Club (East)	40	634	Signal	9.0	0.0	II	48.0	A				
Country Club (East) to Vihlen Rd.	40	211	Signal	6.0	0.0	II	24.0	C				
Vihlen Rd. to Upsala Rd.	40	2,640	Signal	48.0	0.0	II	37.5	A				
Upsala Rd. to Country Club (West)	40	528	Signal	9.0	0.0	II	40.0	A				
Country Club (West) to Rantoul Ln.	40	1,267	Stop	24.0	0.0	II	36.0	A				
Rantoul Ln. to Oregon Ave.	40	2,165	Signal	39.0	0.6	II	37.8	A				
Oregon Ave. to Bright Meadow Dr.	40	3,010	Stop	54.6	0.0	II	37.6	A				
Bright Meadow Dr. to Rinehart Rd.	40	2,957	Signal	102.6	21.0	II	19.6	D	32.0	B		
Rinehart Rd. to I-4 EB Ramps	40	792	Signal	16.2	0.0	II	33.3	B				
I-4 EB Ramps to I-4 WB Ramps	40	1,426	Signal	28.2	0.0	II	34.5	B				
I-4 WB Ramps to International Pkwy.	40	1,214	Signal	75.0	42.0	II	11.0	F				
International Pkwy. to Orange Blvd.	35	1,584	Stop/ Flashing Signal	53.4	12.0	II	20.2	D	19.8	D		
TOTAL		28,882		676.8	95.4						29.1	0.192 gal/veh
PM PEAK HOUR												
US 17/92 to Grenada Ave.	30	1,003	Stop	19.2	0.0	II	35.6	A				
Grenada Ave. to Hartwell Ave.	45	1,320	Signal	27.6	4.8	II	32.6	B				
Hartwell Ave. to Georgia Ave.	45	317	Stop	5.4	0.0	II	40.0	A				
Georgia Ave. to Ridgewood Ave.	45	845	Signal	22.8	3.6	II	25.3	C				
Ridgewood Ave. to Hardy Ave.	45	1,162	Stop	20.4	0.0	II	38.8	A				
Hardy Ave. to RR Tracks	45	1,426	Stop	25.8	0.0	II	37.7	A				
RR Tracks to Old Lake Mary Rd.	45	528	Signal	24.6	12.0	II	14.6	E				
Old Lake Mary Rd. to Airport Blvd.	45	1,320	Signal	38.4	8.4	II	23.4	C	29.3	B		
Airport Blvd. to SR 417 NB	45	1,003	Signal	19.8	0.0	II	34.5	B				
SR 417 NB to SR 417 SB	45	634	Signal	11.4	0.0	II	37.9	A				
SR 417 SB to Casa Verde Blvd.	40	898	Signal	17.4	0.0	II	35.2	A				
Casa Verde Blvd. to Country Club (East)	40	634	Signal	9.0	0.0	II	48.0	A				
Country Club (East) to Vihlen Rd.	40	211	Signal	6.0	0.0	II	24.0	C				
Vihlen Rd. to Upsala Rd.	40	2,640	Signal	102.6	30.6	II	17.5	D				
Upsala Rd. to Country Club (West)	40	528	Signal	10.2	0.0	II	35.3	A				
Country Club (West) to Rantoul Ln.	40	1,267	Stop	24.6	0.0	II	35.1	A				
Rantoul Ln. to Oregon Ave.	40	2,165	Signal	51.6	8.4	II	28.6	B				
Oregon Ave. to Bright Meadow Dr.	40	3,010	Stop	58.2	1.2	II	35.3	A				
Bright Meadow Dr. to Rinehart Rd.	40	2,957	Signal	95.4	28.8	II	21.1	D	26.4	C		
Rinehart Rd. to I-4 EB Ramps	40	792	Signal	16.8	0.0	II	32.1	B				
I-4 EB Ramps to I-4 WB Ramps	40	1,426	Signal	30.6	0.0	II	31.8	B				
I-4 WB Ramps to International Pkwy.	40	1,214	Signal	81.6	37.2	II	10.1	F				
International Pkwy. to Orange Blvd.	35	1,584	Stop/ Flashing Signal	63.0	22.8	II	17.1	D	17.8	D		
TOTAL		28,882		782.4	157.8						25.2	0.193 gal/veh

TABLE C9.1a
Year 2014 Seminole County Travel Time & Delay Study
Dean Road - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Orange County Line to SR 426	40	3,379	Signal	95.4	15.6	II	24.2	C	24.2	C		
Total		3,379		95.4	15.6						24.2	0.022 gal/veh
PM PEAK HOUR												
Orange County Line to SR 426	40	3,379	Signal	136.2	36.0	II	16.9	E	16.9	E		
Total		3,379		136.2	36.0						16.9	0.022 gal/veh

TABLE C9.1b
Year 2014 Seminole County Travel Time & Delay Study
Dean Road - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 426 to Orange County Line	40	3,379	Signal	70.2	4.2	II	32.8	B	32.8	B		
TOTAL		3,379		70.2	4.2						32.8	0.022 gal/veh
PM PEAK HOUR												
SR 426 to Orange County Line	40	3,379	Signal	69.6	6	II	33.1	B	33.1	B		
TOTAL		3,379		69.6	6.0						33.1	0.022 gal/veh

TABLE C10.1a
Year 2014 Seminole County Travel Time & Delay Study
Dodd Road - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Howell Branch Rd. to Dike Rd.	40	5,808	Signal	132.0	24.6	**II**	30.0	B				
Dike Rd. to Red Bug Lake Rd.	40	4,013	Signal	117.0	42.6	**II**	23.4	C	26.9	C		
Total		9,821		249.0	67.2						26.9	0.065 gal/veh
PM PEAK HOUR												
Howell Branch Rd. to Dike Rd.	40	5,808	Signal	126.6	19.8	**II**	31.3	B				
Dike Rd. to Red Bug Lake Rd.	40	4,013	Signal	111.6	34.8	**II**	24.5	C	28.1	B		
Total		9,821		238.2	54.6						28.1	0.065 gal/veh

TABLE C10.1b
Year 2014 Seminole County Travel Time & Delay Study
Dodd Road - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Red Bug Lake Rd. to Dike Rd.	40	4,013	Signal	102.6	26.4	II	26.7	C				
Dike Rd. to Howell Branch Rd.	40	5,808	Signal	119.4	2.4	II	33.2	B	30.2	B		
TOTAL		9,821		222.0	28.8						30.2	0.065 gal/veh
PM PEAK HOUR												
Red Bug Lake Rd. to Dike Rd.	40	4,013	Signal	84.6	10.8	II	32.3	B				
Dike Rd. to Howell Branch Rd.	40	5,808	Signal	103.8	3.0	II	38.1	A	35.5	A		
TOTAL		9,821		188.4	13.8						35.5	0.064 gal/veh

TABLE C11.1a

Year 2014 Seminole County Travel Time & Delay Study

Dog Track Road/Seminola Boulevard/Lake Drive - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
CR 427 to Molly Loop	40	1,320	Stop	25.2	0.0	II	35.7	A				
Molly Loop to Northland Church	40	1,531	Signal	27.0	0.0	II	38.7	A				
Northland Church to US 17/92	40	1,056	Signal	84.0	28.2	II	8.6	F	19.6	D		
US 17/92 to Button Rd.	40	1,426	Signal	55.8	22.8	II	17.4	D				
Button Rd. to Lake Kathryn Cir.	40	2,218	Stop	41.4	0.0	II	36.5	A				
Lake Kathryn Cir. to Triplet Dr.	40	1,267	Signal	28.2	3.6	II	30.6	B				
Triplet Dr. to Winter Park Dr.	40	2,006	Signal	56.4	10.8	II	24.3	C	25.9	C		
Winter Park Dr. to Lake Dr./Seminola Dr.	40	2,218	Signal	51.0	0.6	II	29.6	B	29.6	B		
Lake Dr./Seminola Dr. to East Lake Dr.	35	5,333	Stop	85.8	0.0	II	42.4	A				
East Lake Dr. to Bird Rd.	45	3,802	Stop	60.6	0.0	II	42.8	A				
Bird Rd. to Tuskawilla Rd.	45	5,544	Signal	96.0	3.6	II	39.4	A	41.3	A		
TOTAL		27,720		611.4	69.6						30.9	0.181 gal/veh
PM PEAK HOUR												
CR 427 to Molly Loop	40	1,320	Stop	25.2	0.0	II	35.7	A				
Molly Loop to Northland Church	40	1,531	Signal	26.4	0.0	II	39.5	A				
Northland Church to US 17/92	40	1,056	Signal	125.4	36.0	II	5.7	F	15.1	E		
US 17/92 to Button Rd.	40	1,426	Signal	45.0	3.6	II	21.6	D				
Button Rd. to Lake Kathryn Cir.	40	2,218	Stop	41.4	0.0	II	36.5	A				
Lake Kathryn Cir. to Triplet Dr.	40	1,267	Signal	25.8	2.4	II	33.5	B				
Triplet Dr. to Winter Park Dr.	40	2,006	Signal	68.4	26.4	II	20.0	D	26.1	C		
Winter Park Dr. to Lake Dr./Seminola Dr.	40	2,218	Signal	58.2	10.8	II	26.0	C	26.0	C		
Lake Dr./Seminola Dr. to East Lake Dr.	35	5,333	Stop	88.2	0.0	II	41.2	A				
East Lake Dr. to Bird Rd.	45	3,802	Stop	60.0	0.0	II	43.2	A				
Bird Rd. to Tuskawilla Rd.	45	5,544	Signal	105.0	10.2	II	36.0	A	39.5	A		
TOTAL		27,720		669.0	89.4						28.3	0.181 gal/veh

TABLE C11.1b

Year 2014 Seminole County Travel Time & Delay Study

Dog Track Road/Seminola Boulevard/Lake Drive - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Tuskawilla Rd. to Bird Rd.	45	5,544	Stop	92.4	0.0	II	40.9	A				
Bird Rd. to East Lake Dr.	45	3,802	Stop	60.6	0.0	II	42.8	A				
East Lake Dr. to Lake Dr./Seminola Dr.	35	5,333	Signal	106.2	11.4	II	34.2	B	38.6	A		
Lake Dr./Seminola Dr. to Winter Park Dr.	40	2,218	Signal	64.8	14.4	II	23.3	C	23.3	C		
Winter Park Dr. to Triplet Dr.	40	2,006	Signal	36.6	0.0	II	37.4	A				
Triplet Dr. to Lake Kathryn Cir.	40	1,267	Stop	22.8	0.0	II	37.9	A				
Lake Kathryn Cir. to Button Rd.	40	2,218	Signal	39.6	0.0	II	38.2	A				
Button Rd. to US 17-92	40	1,426	Signal	141.0	48.0	II	6.9	F	19.6	D		
US 17/92 to Northland Church	40	1,056	Signal	21.6	0.0	II	33.3	B				
Northland Church to Molly Loop	40	1,531	Stop	27.6	0.0	II	37.8	A				
Molly Loop to CR 427	40	1,320	Signal	30.0	1.8	II	30.0	B	33.6	B		
TOTAL		27,720		643.2	75.6						29.4	0.181 gal/veh
PM PEAK HOUR												
Tuskawilla Rd. to Bird Rd.	45	5,544	Stop	90.6	0.0	II	41.7	A				
Bird Rd. to East Lake Dr.	45	3,802	Stop	60.0	0.0	II	43.2	A				
East Lake Dr. to Lake Dr./Seminola Dr.	35	5,333	Signal	95.4	6.0	II	38.1	A	40.7	A		
Lake Dr./Seminola Dr. to Winter Park Dr.	40	2,218	Signal	61.8	17.4	II	24.5	C	24.5	C		
Winter Park Dr. to Triplet Dr.	40	2,006	Signal	37.2	0.0	II	36.8	A				
Triplet Dr. to Lake Kathryn Cir.	40	1,267	Stop	22.8	0.0	II	37.9	A				
Lake Kathryn Cir. to Button Rd.	40	2,218	Signal	42.6	3.6	II	35.5	A				
Button Rd. to US 17-92	40	1,426	Signal	98.4	20.4	II	9.9	F	23.5	C		
US 17/92 to Northland Church	40	1,056	Signal	21.6	0.0	II	33.3	B				
Northland Church to Molly Loop	40	1,531	Stop	27.0	0.0	II	38.7	A				
Molly Loop to CR 427	40	1,320	Signal	25.8	0.0	II	34.9	B	35.8	A		
TOTAL		27,720		583.2	47.4						32.4	0.180 gal/veh

TABLE C12.1a

Year 2014 Seminole County Travel Time & Delay Study

Douglas Avenue - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 436 to Westmonte Ave.	35	1,690	Signal	42.6	3.0	III	27.0	B				
Westmonte Ave. to Central Pkwy.	35	2,270	Signal	115.8	45.0	III	13.4	E	17.0	D		
Central Pkwy. to Citrus St.	35	686	Stop	21.0	1.8	III	22.3	C				
Citrus St. to North St.	35	3,274	Stop	76.8	5.4	III	29.1	B	27.6	B		
North St. to Commerce Park	35	1,214	Signal	30.6	4.2	III	27.1	B				
Commerce Park to SR 434	35	792	Signal	99.6	30.6	III	5.4	F	10.5	E		
TOTAL		9,926		386.4	90.0						17.5	0.068 gal/veh
PM PEAK HOUR												
SR 436 to Westmonte Ave.	35	1,690	Signal	48.6	6.6	III	23.7	C				
Westmonte Ave. to Central Pkwy.	35	2,270	Signal	123.6	64.2	III	12.5	E	15.7	D		
Central Pkwy. to Citrus St.	35	686	Stop	16.2	0.0	III	28.9	B				
Citrus St. to North St.	35	3,274	Stop	69.0	0.0	III	32.3	A	31.7	A		
North St. to Commerce Park	35	1,214	Signal	43.8	12.0	III	18.9	C				
Commerce Park to SR 434	35	792	Signal	106.8	79.8	III	5.1	F	9.1	F		
TOTAL		9,926		408.0	162.6						16.6	0.069 gal/veh

TABLE C12.1b

Year 2014 Seminole County Travel Time & Delay Study

Douglas Avenue - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 434 to Commerce Park	35	792	Signal	22.8	0.0	III	23.7	C				
Commerce Park to North St.	35	1,214	Stop	27.6	0.0	III	30.0	B	27.1	B		
North St. to Citrus St.	35	3,274	Stop	79.8	6.0	III	28.0	B				
Citrus St. to Central Pkwy.	35	686	Signal	81.0	56.4	III	5.8	F	16.8	D		
Central Pkwy. to Westmonte Dr.	35	2,270	Signal	80.4	15.0	III	19.3	C				
Westmonte Dr. to SR 436	35	1,690	Signal	132.0	52.8	III	8.7	F	12.7	E		
TOTAL		9,926		423.6	130.2						16.0	0.071 gal/veh
PM PEAK HOUR												
SR 434 to Commerce Park	35	792	Signal	28.8	6.6	III	18.7	C				
Commerce Park to North St.	35	1,214	Stop	27.6	0.0	III	30.0	B	24.3	B		
North St. to Citrus St.	35	3,274	Stop	95.4	19.8	III	23.4	C				
Citrus St. to Central Pkwy.	35	686	Signal	96.0	58.8	III	4.9	F	14.1	D		
Central Pkwy. to Westmonte Dr.	35	2,270	Signal	71.4	13.2	III	21.7	C				
Westmonte Dr. to SR 436	35	1,690	Signal	94.8	50.4	III	12.2	E	16.2	D		
TOTAL		9,926		414.0	148.8						16.3	0.070 gal/veh

TABLE C13.1a

Year 2014 Seminole County Travel Time & Delay Study

Howell Branch Road - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Lakemont Ave. to Lake Howell Rd.	40	1,267	Signal	42.6	15.0	II	20.3	D				
Lake Howell Rd. to Plaza Entrance	40	1,637	Signal	30.6	0.0	II	36.5	A				
Plaza Entrance to SR 436	40	1,003	Signal	63.6	36.6	II	10.8	F	19.5	D		
SR 436 to Eastbrook Blvd.	40	4,277	Signal	83.4	3.6	II	35.0	B	35.0	B		
Eastbrook Blvd. to Dike Rd.	40	2,482	Signal	60.0	14.4	II	28.2	B				
Dike Rd. to Emergency Signal	40	2,376	Signal	41.4	0.0	II	39.1	A				
Emergency signal to Dodd Rd.	40	1,267	Signal	30.0	4.2	II	28.8	B	31.8	B		
Dodd Rd. to Old Howell Branch Rd.	40	1,795	Signal	32.4	0.0	II	37.8	A				
Old Howell Branch Rd. to SR 426	40	2,851	Signal	135.0	31.2	II	14.4	E	18.9	D		
TOTAL		18,955		519.0	105.0						24.9	0.127 gal/veh
PM PEAK HOUR												
Lakemont Ave. to Lake Howell Rd.	40	1,267	Signal	74.4	23.4	II	11.6	F				
Lake Howell Rd. to Plaza Entrance	40	1,637	Signal	32.4	0.0	II	34.4	B				
Plaza Entrance to SR 436	40	1,003	Signal	72.6	40.2	II	9.4	F	14.8	E		
SR 436 to Eastbrook Blvd.	40	4,277	Signal	83.4	0.0	II	35.0	B	35.0	B		
Eastbrook Blvd. to Dike Rd.	40	2,482	Signal	56.4	5.4	II	30.0	B				
Dike Rd. to Emergency Signal	40	2,376	Signal	42.6	0.0	II	38.0	A				
Emergency signal to Dodd Rd.	40	1,267	Signal	28.8	1.2	II	30.0	B	32.7	B		
Dodd Rd. to Old Howell Branch Rd.	40	1,795	Signal	42.0	6.0	II	29.1	B				
Old Howell Branch Rd. to SR 426	40	2,851	Signal	142.2	76.8	II	13.7	E	17.2	D		
TOTAL		18,955		574.8	153.0						22.5	0.128 gal/veh

TABLE C13.1b

Year 2014 Seminole County Travel Time & Delay Study

Howell Branch Road - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 426 to Old Howell Branch Rd.	40	2,851	Signal	57.6	1.2	II	33.7	B				
Old Howell Branch Rd. to Dodd Rd.	40	1,795	Signal	38.4	3.6	II	31.9	B	33.0	B		
Dodd Rd. to Emergency Signal	40	1,267	Signal	22.8	0.0	II	37.9	A				
Emergency Signal to Dike Rd.	40	2,376	Signal	67.2	21.0	II	24.1	C				
Dike Rd. to Eastbrook Blvd.	40	2,482	Signal	47.4	1.8	II	35.7	A	30.4	B		
Eastbrook Blvd. to SR 436	40	4,277	Signal	134.4	49.2	II	21.7	D	21.7	D		
SR 436 to Plaza Entrance	40	1,003	Signal	22.8	0.0	II	30.0	B				
Plaza Entrance to Lake Howell Rd.	40	1,637	Signal	75.6	16.8	II	14.8	E				
Lake Howell Rd. to Lakemont Ave.	40	1,267	Stop	24.6	0.0	II	35.1	A	21.7	D		
TOTAL		18,955		490.8	93.6						26.3	0.127 gal/veh
PM PEAK HOUR												
SR 426 to Old Howell Branch Rd.	40	2,851	Signal	67.2	3.0	II	28.9	B				
Old Howell Branch Rd. to Dodd Rd.	40	1,795	Signal	43.2	5.4	II	28.3	B	28.7	B		
Dodd Rd. to Emergency Signal	40	1,267	Signal	24.0	0.0	II	36.0	A				
Emergency Signal to Dike Rd.	40	2,376	Signal	54.6	0.6	II	29.7	B				
Dike Rd. to Eastbrook Blvd.	40	2,482	Signal	48.0	1.8	II	35.2	A	33.0	B		
Eastbrook Blvd. to SR 436	40	4,277	Signal	121.8	15.0	II	23.9	C	23.9	C		
SR 436 to Plaza Entrance	40	1,003	Signal	24.6	1.2	II	27.8	C				
Plaza Entrance to Lake Howell Rd.	40	1,637	Signal	50.4	7.8	II	22.1	C				
Lake Howell Rd. to Lakemont Ave.	40	1,267	Stop	21.6	0.0	II	40.0	A	27.6	C		
TOTAL		18,955		455.4	34.8						28.4	0.126 gal/veh

TABLE C14.1a

Year 2014 Seminole County Travel Time & Delay Study

Hunt Club Boulevard - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 436 to Ross (Plaza)	35	1,214	Signal	27.0	1.2	**III**	30.7	A				
Ross (Plaza) to Sand Lake Rd.	35	2,798	Signal	72.6	13.8	**III**	26.3	B	27.5	B		
Sand Lake Rd. to S. Wekiva Tr.	35	2,640	Signal	86.4	26.4	**III**	20.8	C	20.8	C		
S. Wekiva Tr. to Needles Tr./Villas Green Cir.	35	2,746	Signal	55.2	0.6	**III**	33.9	A				
Needles Tr./Villas Green Cir. to N. Wekiva Tr.	35	1,214	Signal	33.6	5.4	**III**	24.6	B				
N. Wekiva Tr. to Wekiva Springs Rd.	35	4,330	Signal	126.0	36.6	**III**	23.4	C	26.3	B		
TOTAL		14,942		400.8	84.0						25.4	0.101 gal/veh
PM PEAK HOUR												
SR 436 to Ross (Plaza)	35	1,214	Signal	33.6	6.0	**III**	24.6	B				
Ross (Plaza) to Sand Lake Rd.	35	2,798	Signal	96.0	32.4	**III**	19.9	C	21.1	C		
Sand Lake Rd. to S. Wekiva Tr.	35	2,640	Signal	61.2	4.2	**III**	29.4	B	29.4	B		
S. Wekiva Tr. to Needles Tr./Villas Green Cir.	35	2,746	Signal	58.2	3.6	**III**	32.2	A				
Needles Tr./Villas Green Cir. to N. Wekiva Tr.	35	1,214	Signal	33.0	4.8	**III**	25.1	B				
N. Wekiva Tr. to Wekiva Springs Rd.	35	4,330	Signal	151.8	24.6	**III**	19.4	C	23.3	C		
TOTAL		14,942		433.8	75.6						23.5	0.101 gal/veh

TABLE C14.1b

Year 2014 Seminole County Travel Time & Delay Study

Hunt Club Boulevard - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Wekiva Springs Rd. to N. Wekiva Tr.	35	4,330	Signal	97.8	4.2	III	30.2	A				
N. Wekiva Tr. To Needles Tr./Villas Green Cir.	35	1,214	Signal	31.2	3.0	III	26.5	B				
Needles Tr./Villas Green Cir. To S. Wekiva Tr.	35	2,746	Signal	81.0	21.0	III	23.1	C	26.9	B		
S. Wekiva Tr. To Sand Lake Rd.	35	2,640	Signal	122.4	64.8	III	14.7	D	14.7	D		
Sand Lake Rd. to Ross (Plaza)	35	2,798	Signal	52.8	0.0	III	36.1	A				
Ross (Plaza) to SR 436	35	1,214	Signal	69.0	41.4	III	12.0	E	22.5	C		
TOTAL		14,942		454.2	134.4						22.4	0.101 gal/veh
PM PEAK HOUR												
Wekiva Springs Rd. to N. Wekiva Tr.	35	4,330	Signal	101.4	6.0	III	29.1	B				
N. Wekiva Tr. To Needles Tr./Villas Green Cir.	35	1,214	Signal	29.4	1.2	III	28.2	B				
Needles Tr./Villas Green Cir. To S. Wekiva Tr.	35	2,746	Signal	64.2	6.0	III	29.2	B	29.0	B		
S. Wekiva Tr. To Sand Lake Rd.	35	2,640	Signal	106.8	33.6	III	16.9	D	16.9	D		
Sand Lake Rd. to Ross (Plaza)	35	2,798	Signal	61.2	4.8	III	31.2	A				
Ross (Plaza) to SR 436	35	1,214	Signal	72.0	31.2	III	11.5	E	20.5	C		
TOTAL		14,942		435.0	82.8						23.4	0.101 gal/veh

TABLE C15.1a
Year 2014 Seminole County Travel Time & Delay Study
International Parkway - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Lake Mary Blvd. to AAA Dr.	35	6,178	Signal	139.8	0.6	**III**	30.1	A	30.1	A		
AAA Dr. to CR 46A	35	5,966	Signal	190.8	46.2	**III**	21.3	C	21.3	C		
CR 46A to SR 417	45	3,696	Signal	90.6	9.6	**II**	27.8	C	27.8	C		
SR 417 to Wilson Rd.*	45	3,010	Stop	48.0	0.0	**II**	42.7	A	42.7	A		
Wilson Rd. to Wayside Dr.*	45	2,640	Signal	52.2	7.2	**II**	34.5	B				
Wayside Dr. to SR 46	45	1,109	Signal	54.6	31.2	**II**	13.8	E	23.9	C		
Total		22,598		576.0	94.8						26.7	0.150 gal/veh
PM PEAK HOUR												
Lake Mary Blvd. to AAA Dr.	35	6,178	Signal	150.0	4.8	**III**	28.1	B	28.1	B		
AAA Dr. to CR 46A	35	5,966	Signal	285.0	144.6	**III**	14.3	D	14.3	D		
CR 46A to SR 417	45	3,696	Signal	87.0	3.6	**II**	29.0	B	29.0	B		
SR 417 to Wilson Rd.*	45	3,010	Stop	48.0	0.0	**II**	42.7	A	42.7	A		
Wilson Rd. to Wayside Dr.*	45	2,640	Signal	45.6	2.4	**II**	39.5	A				
Wayside Dr. to SR 46	45	1,109	Signal	66.6	42.0	**II**	11.4	F	22.8	C		
Total		22,598		682.2	197.4						22.6	0.152 gal/veh

* Construction in progress on International Parkway from SR 417 to SR 417 (Project ID: 00227067) which may have skewed the LOS for the segments.

TABLE C15.1b
Year 2014 Seminole County Travel Time & Delay Study
International Parkway - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 46 to Wayside Dr.	45	1,109	Signal	25.8	2.4	**II**	29.3	B				
Wayside Dr. to Wilson Rd.*	45	2,640	Stop	40.8	0.0	**II**	44.1	A	38.4	A		
Wilson Rd. to SR 417*	45	3,010	Signal	61.8	13.2	**II**	33.2	B	33.2	B		
SR 417 to CR 46A	45	3,696	Signal	139.2	38.4	**II**	18.1	D	18.1	D		
CR 46A to AAA Dr.	35	5,966	Signal	121.8	3.0	**III**	33.4	A	33.4	A		
AAA Dr. to Lake Mary Blvd	35	6,178	Signal	210.6	18.0	**III**	20.0	C	20.0	C		
Total		22,598		600.0	75.0						25.7	0.149 gal/veh
PM PEAK HOUR												
SR 46 to Wayside Dr.	45	1,109	Signal	24.6	2.4	**II**	30.7	B				
Wayside Dr. to Wilson Rd.*	45	2,640	Stop	42.6	0.0	**II**	42.3	A	38.0	A		
Wilson Rd. to SR 417*	45	3,010	Signal	57.6	6.6	**II**	35.6	A	35.6	A		
SR 417 to CR 46A	45	3,696	Signal	124.2	52.8	**II**	20.3	D	20.3	D		
CR 46A to AAA Dr.	35	5,966	Signal	139.8	18.0	**III**	29.1	B	29.1	B		
AAA Dr. to Lake Mary Blvd	35	6,178	Signal	176.4	33.6	**III**	23.9	C	23.9	C		
Total		22,598		565.2	113.4						27.3	0.150 gal/veh

* Construction in progress on International Parkway from Wayside Dr to SR 417 (Project ID: 00227067) which may have skewed the LOS for the segments.

TABLE C16.1a

Year 2014 Seminole County Travel Time & Delay Study

Lake Emma Road - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Longwood Hills Rd. to Danbury Rd.	40	1,478	Stop	28.2	0.0	II	35.7	A				
Danbury Rd. to Equestrian Club Ln.	40	3,432	Stop	57.6	0.0	II	40.6	A				
Equestrian Club Ln. to Greenway Blvd.	40	2,429	Signal	50.4	5.4	II	32.9	B	36.7	A		
Greenway Blvd. to Technology Dr.	45	1,584	Signal	39.6	2.4	II	27.3	C	27.3	C		
Technology Dr. to Sand Pond Rd.	45	1,478	Signal	30.6	1.8	II	32.9	B				
Sand Pond Rd. to Greenwood Blvd.	45	2,798	Signal	79.2	19.8	II	24.1	C	26.6	C		
Greenwood Blvd. to Lake Mary Center	45/35	1,690	Signal	52.8	16.8	II	21.8	D	21.8	D		
Lake Mary Center to Lake Mary Blvd.	35	845	Signal	106.8	59.4	III	5.4	F	5.4	F		
TOTAL		15,734		445.2	105.6						24.1	0.105 gal/veh
PM PEAK HOUR												
Longwood Hills Rd. to Danbury Rd.	40	1,478	Stop	28.2	0.0	II	35.7	A				
Danbury Rd. to Equestrian Club Ln.	40	3,432	Stop	57.0	1.2	II	41.1	A				
Equestrian Club Ln. to Greenway Blvd.	40	2,429	Signal	51.6	7.2	II	32.1	B	36.6	A		
Greenway Blvd. to Technology Dr.	45	1,584	Signal	43.2	7.8	II	25.0	C	25.0	C		
Technology Dr. to Sand Pond Rd.	45	1,478	Signal	33.0	4.2	II	30.5	B				
Sand Pond Rd. to Greenwood Blvd.	45	2,798	Signal	82.2	30.6	II	23.2	C	25.3	C		
Greenwood Blvd. to Lake Mary Center	45/35	1,690	Signal	86.4	43.8	II	13.3	E	13.3	E		
Lake Mary Center to Lake Mary Blvd.	35	845	Signal	123.0	86.4	III	4.7	F	4.7	F		
TOTAL		15,734		504.6	181.2						21.3	0.106 gal/veh

TABLE C16.1b

Year 2014 Seminole County Travel Time & Delay Study

Lake Emma Road - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Lake Mary Blvd. to Lake Mary Center	35	845	Signal	24.0	6.0	III	24.0	C	24.0	C		
Lake Mary Center to Greenwood Blvd.	45	1,690	Signal	40.8	9.0	II	28.2	B	28.2	B		
Greenwood Blvd. to Sand Pond Rd.	45	2,798	Signal	46.8	0.0	II	40.8	A	40.8	A		
Sand Pond Rd. to Technology Dr.	45	1,478	Signal	34.2	3.6	II	29.5	B	29.5	B		
Technology Dr. to Greenway Blvd.	45	1,584	Signal	35.4	4.8	II	30.5	B				
Greenway Blvd. to Equestrian Club Ln.	40	2,429	Stop	43.8	0.0	II	37.8	A				
Equestrian Club Ln. to Danbury Rd.	40	3,432	Stop	62.4	0.6	II	37.5	A				
Danbury Rd. to Longwood Hills Rd.	40	1,478	Signal	38.4	7.8	II	26.2	C	33.8	B		
TOTAL		15,734		325.8	31.8						32.9	0.104 gal/veh
PM PEAK HOUR												
Lake Mary Blvd. to Lake Mary Center	35	845	Signal	18.6	0.6	III	31.0	A	31.0	A		
Lake Mary Center to Greenwood Blvd.	45	1,690	Signal	54.0	20.4	II	21.3	D	21.3	D		
Greenwood Blvd. to Sand Pond Rd.	45	2,798	Signal	55.2	6.0	II	34.6	B	34.6	B		
Sand Pond Rd. to Technology Dr.	45	1,478	Signal	39.6	9.6	II	25.5	C	25.5	C		
Technology Dr. to Greenway Blvd.	45	1,584	Signal	30.6	0.6	II	35.3	A	35.3	A		
Greenway Blvd. to Equestrian Club Ln.	40	2,429	Stop	40.8	0.0	II	40.6	A				
Equestrian Club Ln. to Danbury Rd.	40	3,432	Stop	56.4	0.0	II	41.5	A				
Danbury Rd. to Longwood Hills Rd.	40	1,478	Signal	42.6	9.0	II	23.7	C	35.7	A		
TOTAL		15,734		337.8	46.2						31.8	0.104 gal/veh

TABLE C17.1a

Year 2014 Seminole County Travel Time & Delay Study

Lake Howell Road - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Orange County Line to Linden Rd.	25	3,960	Stop	92.4	0.0	III	29.2	B				
Linden Rd. to Howell Branch Rd.	25	1,478	Signal	45.6	4.2	III	22.1	C	26.9	B		
Howell Branch Rd. to Lake Howell Ln.	35	2,640	Signal	129.6	27.6	III	13.9	E				
Lake Howell Ln. to Tuscarora Tr.	35	370	Signal	8.4	0.0	III	30.0	B	14.9	D		
Tuscarora Tr. to SR 436	35	2,534	Signal	86.4	5.4	III	20.0	C	20.0	C		
TOTAL		10,982		362.4	37.2						20.7	0.085 gal/veh
PM PEAK HOUR												
Orange County Line to Linden Rd.	25	3,960	Stop	116.4	10.8	III	23.2	C				
Linden Rd. to Howell Branch Rd.	25	1,478	Signal	105.6	41.4	III	9.5	F	16.7	D		
Howell Branch Rd. to Lake Howell Ln.	35	2,640	Signal	145.8	75.0	III	12.3	E				
Lake Howell Ln. to Tuscarora Tr.	35	370	Signal	7.2	0.0	III	35.0	A	13.4	E		
Tuscarora Tr. to SR 436	35	2,534	Signal	149.4	58.8	III	11.6	E	11.6	E		
TOTAL		10,982		524.4	186.0						14.3	0.094 gal/veh

TABLE C17.1b

Year 2014 Seminole County Travel Time & Delay Study

Lake Howell Road - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 436 to Tuscarora Tr.	35	2,534	Signal	59.4	0.0	III	29.1	B	29.1	B		
Tuscarora Tr. to Lake Howell Ln.	35	370	Signal	7.2	0.0	III	35.0	A				
Lake Howell Ln. to Howell Branch Rd.	35	2,640	Signal	119.4	39.6	III	15.1	D	16.2	D		
Howell Branch Rd. to Linden Rd.	25	1,478	Stop	51.6	10.2	III	19.5	C				
Linden Rd. to Orange County Line	25	3,960	Stop	117.6	0.0	III	23.0	C	21.9	C		
TOTAL		10,982		355.2	49.8						21.1	0.084 gal/veh
PM PEAK HOUR												
SR 436 to Tuscarora Tr.	35	2,534	Signal	62.4	3.0	III	27.7	B	27.7	B		
Tuscarora Tr. to Lake Howell Ln.	35	370	Signal	15.0	6.0	III	16.8	D				
Lake Howell Ln. to Howell Branch Rd.	35	2,640	Signal	120.6	43.2	III	14.9	D	15.1	D		
Howell Branch Rd. to Linden Rd.	25	1,478	Stop	51.6	7.8	III	19.5	C				
Linden Rd. to Orange County Line	25	3,960	Stop	115.2	0.0	III	23.4	C	22.2	C		
TOTAL		10,982		364.8	60.0						20.5	0.086 gal/veh

TABLE C18.1a
Year 2014 Seminole County Travel Time & Delay Study
Lake Mary Boulevard/SR 415 (Part A) - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR - Part A												
Markham Woods Rd. to Heathrow Blvd.	45	3,485	Signal	54.0	0.0	II	44.0	A				
Heathrow Blvd. to International Pkwy.	45	1,003	Signal	42.0	10.2	II	16.3	E				
International Pkwy. to I-4 WB Ramps	45	845	Signal	15.6	1.8	II	36.9	A				
I-4 WB Ramps to I-4 EB Ramps	45	1,373	Signal	31.2	5.4	II	30.0	B	32.0	B		
I-4 EB Ramps to Lake Emma Rd.	45	1,162	Signal	70.2	25.8	II	11.3	F	11.3	F		
Lake Emma Rd. to Lake Mary Center	45	845	Signal	14.4	0.0	II	40.0	A				
Lake Mary Center to Sun Dr.	45	845	Signal	25.8	6.6	II	22.3	C				
Sun Dr. to Rinehart Rd.	45	1,690	Signal	71.4	24.0	II	16.1	E	20.6	D		
Rinehart Rd. to Forest Blvd.	45	1,584	Signal	30.0	0.6	II	36.0	A				
Forest Blvd. to Longwood-Lk. Mary Rd.	45	2,851	Signal	63.6	5.4	II	30.6	B	32.3	B		
Longwood-Lk. Mary Rd. to 4th St.	45	2,957	Signal	47.4	0.0	II	42.5	A				
Elem. School/4th St. to Country Club Rd.	45	634	Signal	10.2	0.0	II	42.4	A	42.5	A		
Country Club Rd. to Sir Lawrence Dr.	45	3,326	Signal	60.6	4.8	II	37.4	A	37.4	A		
Sir Lawrence Dr. to College/Art Ln.	45	4,013	Signal	69.0	1.8	II	39.7	A				
College/Art Ln. to Hidden Lake Dr.	45	1,795	Signal	31.2	0.0	II	39.2	A	39.5	A		
Hidden Lake Dr. to Live Oak Blvd	45	898	Signal	13.8	0.0	II	44.3	A				
Live Oak Blvd to US-17/92	45	1,267	Signal	121.2	73.8	II	7.1	F	10.9	F		
US 17/92 to SR 417 SB Ramps	45	5,702	Signal	99.0	4.2	II	39.3	A				
SR 417 SB Ramps to SR 417 NB Ramps	45	475	Signal	13.2	1.2	II	24.5	C				
SR 417 NB Ramps to CR 427	45	1,109	Signal	40.2	12.6	II	18.8	D				
CR 427 to S. Sanford Ave.	45	370	Stop	12.0	4.2	II	21.0	D	31.8	B		
TOTAL		38,227		936.0	182.4						27.8	0.252 gal/veh
PM PEAK HOUR - Part A												
Markham Woods Rd. to Heathrow Blvd.	45	3,485	Signal	59.4	3.6	II	40.0	A				
Heathrow Blvd. to International Pkwy.	45	1,003	Signal	51.6	26.4	II	13.3	E				
International Pkwy. to I-4 WB Ramps	45	845	Signal	12.6	0.0	II	45.7	A				
I-4 WB Ramps to I-4 EB Ramps	45	1,373	Signal	25.2	4.8	II	37.1	A	30.7	B		
I-4 EB Ramps to Lake Emma Rd.	45	1,162	Signal	70.2	43.8	II	11.3	F	11.3	F		
Lake Emma Rd. to Lake Mary Center	45	845	Signal	36.6	9.6	II	15.7	E				
Lake Mary Center to Sun Dr.	45	845	Signal	34.8	10.2	II	16.6	E				
Sun Dr. to Rinehart Rd.	45	1,690	Signal	68.4	12.0	II	16.8	E	16.5	E		
Rinehart Rd. to Forest Blvd.	45	1,584	Signal	37.2	1.8	II	29.0	B				
Forest Blvd. to Longwood-Lk. Mary Rd.	45	2,851	Signal	57.6	5.4	II	33.7	B	31.9	B		
Longwood-Lk. Mary Rd. to 4th St.	45	2,957	Signal	57.6	4.8	II	35.0	B				
Elem. School/4th St. to Country Club Rd.	45	634	Signal	34.2	17.4	II	12.6	F	26.7	C		
Country Club Rd. to Sir Lawrence Dr.	45	3,326	Signal	57.6	3.0	II	39.4	A	39.4	A		
Sir Lawrence Dr. to College/Art Ln.	45	4,013	Signal	79.8	6.0	II	34.3	B				
College/Art Ln. to Hidden Lake Dr.	45	1,795	Signal	30.6	0.0	II	40.0	A	35.9	A		
Hidden Lake Dr. to Live Oak Blvd	45	898	Signal	13.8	0.0	II	44.3	A				
Live Oak Blvd to US-17/92	45	1,267	Signal	94.8	62.4	II	9.1	F	13.6	E		
US 17/92 to SR 417 SB Ramps	45	5,702	Signal	100.8	7.8	II	38.6	A				
SR 417 SB Ramps to SR 417 NB Ramps	45	475	Signal	17.4	6.6	II	18.6	D				
SR 417 NB Ramps to CR 427	45	1,109	Signal	50.4	19.2	II	15.0	E				
CR 427 to S. Sanford Ave.	45	370	Stop	6.0	0.0	II	42.0	A	29.9	B		
TOTAL		38,227		996.6	244.8						26.1	0.253 gal/veh

TABLE C18.1b

Year 2014 Seminole County Travel Time & Delay Study

Lake Mary Boulevard/SR 415 (Part B) - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR - Part B												
S. Sanford Ave. to Red Cleveland Blvd.	45/50	7,603	Signal	117.6	1.2	II	44.1	A				
Red Cleveland Blvd. to Skyway Dr	50	6,758	Stop	94.2	0.0	II	48.9	A				
Skyway Dr to Moores Station Rd.	50	7,234	Stop	100.8	0.0	II	48.9	A				
Moores Station Rd. to SR 46	50	5,122	Signal	103.2	10.2	II	33.8	B	43.8	A		
SR 46 to Celery Ave.	55	4,277	Signal	58.8	0.0	II	49.6	A				
Celery Ave. to Volusia County Line	55	1,637	Stop	33.6	0.0	II	33.2	B	43.6	A		
TOTAL		32,630		508.2	11.4						43.8	0.207 gal/veh
PM PEAK HOUR - Part B												
S. Sanford Ave. to Red Cleveland Blvd.	45/50	7,603	Signal	120.0	0.6	II	43.2	A				
Red Cleveland Blvd. to Skyway Dr	50	6,758	Stop	93.0	0.0	II	49.5	A				
Skyway Dr to Moores Station Rd.	50	7,234	Stop	99.0	0.0	II	49.8	A				
Moores Station Rd. to SR 46	50	5,122	Signal	176.4	76.8	II	19.8	D	37.3	A		
SR 46 to Celery Ave.	55	4,277	Signal	101.4	7.8	II	28.8	B				
Celery Ave. to Volusia County Line	55	1,637	Stop	36.6	0.0	II	30.5	B	29.2	B		
TOTAL		32,630		626.4	85.2						35.5	0.212 gal/veh

* Construction in progress on SR 415 from SR 46 to Volusia County Line (Financial Project ID: 407355-1) which may have skewed the LOS for the segments.

TABLE C18.2a
Year 2014 Seminole County Travel Time & Delay Study
Lake Mary Boulevard/SR 415 (Part A) - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR - Part A												
S. Sanford Ave to CR 427	45	370	Signal	39.6	11.4	II	6.4	F				
CR 427 to SR 417 NB Ramps	45	1,109	Signal	17.4	0.0	II	43.4	A				
SR 417 NB Ramps to SR 417 SB Ramps	45	475	Signal	10.8	3.0	II	30.0	B				
SR 417 SB Ramps to US 17/92	45	5,702	Signal	132.0	37.8	II	29.5	B	26.1	C		
US-17/92 to Live Oak Blvd	45	1,267	Signal	21.6	0.0	II	40.0	A				
Live Oak Blvd to Hidden Lake Dr.	45	898	Signal	15.0	0.0	II	40.8	A	40.3	A		
Hidden Lake Dr. to Art/College Ln.	45	1,795	Signal	34.2	3.0	II	35.8	A				
Art/College Ln. to Sir Lawrence Dr.	45	4,013	Signal	69.0	4.2	II	39.7	A	38.4	A		
Sir Lawrence Dr. to Country Club Rd.	45	3,326	Signal	130.2	51.6	II	17.4	D	17.4	D		
Country Club Rd. to 4th St.	45	634	Signal	11.4	0.0	II	37.9	A				
4th St. to Longwood-Lk. Mary Rd.	45	2,957	Signal	63.6	6.0	II	31.7	B	32.6	B		
Longwood-Lk.Mary Rd. to Forest Blvd.	45	2,851	Signal	46.8	0.0	II	41.5	A				
Forest Blvd. to Rinehart Rd.	45	1,584	Signal	75.6	28.2	II	14.3	E	24.7	C		
Rinehart Rd. to Sun Dr.	45	1,690	Signal	51.0	6.0	II	22.6	C				
Sun Dr. to Lake Mary Center	45	845	Signal	29.4	7.8	II	19.6	D				
Lake Mary Center to Lake Emma Rd	45	845	Signal	27.0	1.8	II	21.3	D	21.5	D		
Lake Emma Rd. to I-4 EB Ramps	45	1,162	Signal	31.8	6.6	II	24.9	C	24.9	C		
I-4 EB Ramps to I-4 WB Ramps	45	1,373	Signal	28.2	0.0	II	33.2	B				
I-4 WB Ramps to International Pkwy.	45	845	Signal	17.4	0.0	II	33.1	B				
International Pkwy. to Heathrow Blvd.	45	1,003	Signal	25.8	4.8	II	26.5	C				
Heathrow Blvd. to Markham Woods Rd.	45	3,485	Signal	114.0	30.0	II	20.8	D	24.7	C		
TOTAL		38,227		991.8	202.2						26.3	0.253 gal/veh
PM PEAK HOUR - Part A												
S. Sanford Ave to CR 427	45	370	Signal	37.2	10.2	II	6.8	F				
CR 427 to SR 417 NB Ramps	45	1,109	Signal	33.6	12.0	II	22.5	C				
SR 417 NB Ramps to SR 417 SB Ramps	45	475	Signal	12.0	0.6	II	27.0	C				
SR 417 SB Ramps to US 17/92	45	5,702	Signal	114.6	10.8	II	33.9	B	26.4	C		
US-17/92 to Live Oak Blvd	45	1,267	Signal	37.2	8.4	II	23.2	C				
Live Oak Blvd to Hidden Lake Dr.	45	898	Signal	16.2	0.0	II	37.8	A	27.6	C		
Hidden Lake Dr. to Art/College Ln.	45	1,795	Signal	41.4	0.6	II	29.6	B				
Art/College Ln. to Sir Lawrence Dr.	45	4,013	Signal	61.8	0.0	II	44.3	A	38.4	A		
Sir Lawrence Dr. to Country Club Rd.	45	3,326	Signal	136.8	52.8	II	16.6	E	16.6	E		
Country Club Rd. to 4th St.	45	634	Signal	12.0	0.0	II	36.0	A				
4th St. to Longwood-Lk. Mary Rd.	45	2,957	Signal	82.2	20.4	II	24.5	C	26.0	C		
Longwood-Lk.Mary Rd. to Forest Blvd.	45	2,851	Signal	51.6	3.6	II	37.7	A				
Forest Blvd. to Rinehart Rd.	45	1,584	Signal	37.2	6.6	II	29.0	B	34.1	B		
Rinehart Rd. to Sun Dr.	45	1,690	Signal	40.8	13.2	II	28.2	B				
Sun Dr. to Lake Mary Center	45	845	Signal	28.2	12.6	II	20.4	D				
Lake Mary Center to Lake Emma Rd	45	845	Signal	55.8	28.2	II	10.3	F	18.5	D		
Lake Emma Rd. to I-4 EB Ramps	45	1,162	Signal	18.0	0.0	II	44.0	A	44.0	A		
I-4 EB Ramps to I-4 WB Ramps	45	1,373	Signal	26.4	3.6	II	35.5	A				
I-4 WB Ramps to International Pkwy.	45	845	Signal	48.6	5.4	II	11.9	F				
International Pkwy. to Heathrow Blvd.	45	1,003	Signal	30.0	6.6	II	22.8	C				
Heathrow Blvd. to Markham Woods Rd.	45	3,485	Signal	67.2	7.2	II	35.4	A	26.5	C		
TOTAL		38,227		988.8	202.8						26.4	0.252 gal/veh

TABLE C18.2b

Year 2014 Seminole County Travel Time & Delay Study

Lake Mary Boulevard/SR 415 (Part B) - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR - Part B												
Volusia County Line to Celery Ave.	55	1,637	Signal	52.8	1.8	II	21.1	D				
Celery Ave. to SR 46	55	4,277	Signal	124.2	40.2	II	23.5	C	22.8	A		
SR 46 to Moores Station Rd.	50	5,122	Stop	73.2	0.0	II	47.7	A				
Moores Station Rd. to Skyway Dr.	50	7,234	Stop	99.0	0.0	II	49.8	A				
Skyway Dr. to Red Cleveland Blvd.	50	6,758	Signal	97.2	2.4	II	47.4	A				
Red Cleveland Blvd. to S. Sanford Ave.	50/45	7,603	Signal	123.0	3.0	II	42.1	A	46.4	A		
TOTAL		32,630		569.4	47.4						39.1	0.210 gal/veh
PM PEAK HOUR - Part B												
Volusia County Line to Celery Ave.	55	1,637	Signal	39.6	0.0	II	28.2	B				
Celery Ave. to SR 46	55	4,277	Signal	100.2	27.6	II	29.1	B	28.8	A		
SR 46 to Moores Station Rd.	50	5,122	Stop	71.4	0.0	II	48.9	A				
Moores Station Rd. to Skyway Dr.	50	7,234	Stop	97.8	0.0	II	50.4	A				
Skyway Dr. to Red Cleveland Blvd.	50	6,758	Signal	96.6	2.4	II	47.7	A				
Red Cleveland Blvd. to S. Sanford Ave.	50/45	7,603	Signal	121.8	1.8	II	42.6	A	47.0	A		
TOTAL		32,630		527.4	31.8						42.2	0.209 gal/veh

* Construction in progress on SR 415 from SR 46 to Volusia County Line (Financial Project ID: 407355-1) which may have skewed the LOS for the segments.

TABLE C19.1a

Year 2014 Seminole County Travel Time & Delay Study

Lockwood Boulevard - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
McCulloch Rd. to School Entrances	35	6,811	Flash Signal	138.6	0.0	III	33.5	A				
School Entrances to Old Lockwood Rd.	35	3,168	Stop	64.8	0.0	III	33.3	A	33.5	A		
Old Lockwood Rd. to Riviera Blvd.	35	3,010	Stop	59.4	0.0	III	34.5	A				
Riviera Blvd. to Mitchell Hammock Rd.	35	6,283	Signal	143.4	7.8	III	29.9	B				
Mitchell Hammock Rd. to CR 419	35	1,267	Signal	139.2	60.0	III	6.2	F	21.1	C		
TOTAL		20,539		545.4	67.8						25.7	0.136 gal/veh
PM PEAK HOUR												
McCulloch Rd. to School Entrances	35	6,811	Flash Signal	133.2	0.0	III	34.9	A				
School Entrances to Old Lockwood Rd.	35	3,168	Stop	61.2	0.0	III	35.3	A	35.0	A		
Old Lockwood Rd. to Riviera Blvd.	35	3,010	Stop	58.2	0.0	III	35.3	A				
Riviera Blvd. to Mitchell Hammock Rd.	35	6,283	Signal	174.6	25.2	III	24.5	B				
Mitchell Hammock Rd. to CR 419	35	1,267	Signal	91.8	57.6	III	9.4	F	22.2	C		
TOTAL		20,539		519.0	82.8						27.0	0.136 gal/veh

TABLE C19.1b

Year 2014 Seminole County Travel Time & Delay Study

Lockwood Boulevard - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
CR 419 to Mitchell Hammock Rd.	35	1,267	Signal	54.6	8.4	III	15.8	D				
Mitchell Hammock Rd. to Riviera Blvd.	35	6,283	Stop	124.2	1.8	III	34.5	A				
Riviera Blvd. to Old Lockwood Rd.	35	3,010	Stop	58.2	0.0	III	35.3	A	30.4	A		
Old Lockwood Rd. to School Entrances	35	3,168	Flashing Signal	73.2	3.6	III	29.5	B				
School Entrances to McCulloch Rd.	35	6,811	Signal	171.6	17.4	III	27.1	B	27.8	B		
TOTAL		20,539		481.8	31.2						29.1	0.137 gal/veh
PM PEAK HOUR												
CR 419 to Mitchell Hammock Rd.	35	1,267	Signal	126.0	93.6	III	6.9	F				
Mitchell Hammock Rd. to Riviera Blvd.	35	6,283	Stop	121.8	0.0	III	35.2	A				
Riviera Blvd. to Old Lockwood Rd.	35	3,010	Stop	58.2	0.0	III	35.3	A	23.5	C		
Old Lockwood Rd. to School Entrances	35	3,168	Flashing Signal	61.8	0.0	III	35.0	A				
School Entrances to McCulloch Rd.	35	6,811	Signal	187.2	33.0	III	24.8	B	27.3	B		
TOTAL		20,539		555.0	126.6						25.2	0.135 gal/veh

TABLE C20.1a

Year 2014 Seminole County Travel Time & Delay Study

Maitland Avenue - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Orange County Line to Oranole Rd.	35	1,320	Signal	30.6	2.4	II	29.4	B				
Oranole Rd. to Spring Lake Rd.	35	1,267	Signal	33.6	5.4	II	25.7	C				
Spring Lake Rd. to Ballard St.	40	2,112	Signal	52.2	4.2	II	27.6	C				
Ballard St. to Highland Dr.	40	1,162	Stop	22.8	0.0	II	34.7	B				
Highland Dr. to Orienta Dr.	40	1,690	Signal	30.6	0.0	II	37.6	A				
Orienta Dr. to SR 436	40	845	Signal	56.4	15.6	II	10.2	F	25.3	C		
TOTAL		8,395		226.2	27.6						25.3	0.057 gal/veh
PM PEAK HOUR												
Orange County Line to Oranole Rd.	35	1,320	Signal	34.8	6.6	II	25.9	C				
Oranole Rd. to Spring Lake Rd.	35	1,267	Signal	33.0	4.2	II	26.2	C				
Spring Lake Rd. to Ballard St.	40	2,112	Signal	42.0	0.0	II	34.3	B				
Ballard St. to Highland Dr.	40	1,162	Stop	21.6	0.0	II	36.7	A				
Highland Dr. to Orienta Dr.	40	1,690	Signal	30.6	0.0	II	37.6	A				
Orienta Dr. to SR 436	40	845	Signal	109.2	49.8	II	5.3	F	21.1	D		
TOTAL		8,395		271.2	60.6						21.1	0.056 gal/veh

TABLE C20.1b

Year 2014 Seminole County Travel Time & Delay Study

Maitland Avenue - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 436 to Orienta Ave.	40	845	Signal	22.8	0.0	II	25.3	C				
Orienta Ave. to Highland Dr.	40	1,690	Stop	31.2	0.0	II	36.9	A				
Highland Dr. to Ballard St.	40	1,162	Signal	30.6	6.6	II	25.9	C				
Ballard St. to Spring Lake Rd.	40	2,112	Signal	45.0	3.0	II	32.0	B				
Spring Lake Rd. to Oranole Rd.	40	1,267	Signal	37.2	6.0	II	23.2	C				
Oranole Rd. to Orange County Line	35	1,320	Stop	26.4	0.0	II	34.1	B	29.6	B		
TOTAL		8,395		193.2	15.6						29.6	0.056 gal/veh
PM PEAK HOUR												
SR 436 to Orienta Ave.	40	845	Signal	21.6	1.2	II	26.7	C				
Orienta Ave. to Highland Dr.	40	1,690	Stop	29.4	0.0	II	39.2	A				
Highland Dr. to Ballard St.	40	1,162	Signal	21.0	0.6	II	37.7	A				
Ballard St. to Spring Lake Rd.	40	2,112	Signal	39.0	0.0	II	36.9	A				
Spring Lake Rd. to Oranole Rd.	40	1,267	Signal	34.2	7.2	II	25.3	C				
Oranole Rd. to Orange County Line	35	1,320	Stop	25.8	0.0	II	34.9	B	33.5	B		
TOTAL		8,395		171.0	9.0						33.5	0.055 gal/veh

TABLE C21.1a

Year 2014 Seminole County Travel Time & Delay Study

Markham Woods Road - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 434 to Spring Landing Blvd.	45	5,174	Stop	87.6	0.0	II	40.3	A	40.3	A		
Spring Landing Blvd. to EE Williamson Rd.	45/35	4,118	Signal	133.8	54.6	II	21.0	D	21.0	D		
EE Williamson Rd. to Wingfield Dr./Glen Ethel Ln.	35/45	3,643	Stop	67.8	0.0	II	36.6	A				
Wingfield Dr./Glen Ethel Ln. to Wingfield Dr./Markham Glen Cir.	45	2,957	Stop	48.0	0.0	II	42.0	A				
Wingfield Dr./Markham Glen Cir. To Vista Oak Dr.	45	3,802	Stop	61.8	0.0	II	41.9	A				
Vista Oak Dr. to Alaqua Dr.	45	1,478	Stop	24.0	0.0	II	42.0	A				
Alaqua Dr. to Lake Mary Blvd.	45	4,594	Signal	109.8	25.8	II	28.5	B	36.1	A		
Lake Mary Blvd. to Bridgewater Dr.	45	2,323	Stop	43.8	0.0	II	36.2	A				
Bridgewater Dr. to Greentree Ln.	45	2,218	Stop	38.4	0.0	II	39.4	A				
Greentree Ln. to Carter Rd.	45	4,224	Stop	74.4	0.0	II	38.7	A				
Carter Rd. to Markham Rd.	45	4,699	Stop	102.6	4.8	II	31.2	B	35.4	A		
TOTAL		39,230		792.0	85.2						33.8	0.256 gal/veh
PM PEAK HOUR												
SR 434 to Spring Landing Blvd.	45	5,174	Stop	88.2	0.0	II	40.0	A	40.0	A		
Spring Landing Blvd. to EE Williamson Rd.	45/35	4,118	Signal	96.6	16.2	II	29.1	B	29.1	B		
EE Williamson Rd. to Wingfield Dr./Glen Ethel Ln.	35/45	3,643	Stop	64.8	0.0	II	38.3	A				
Wingfield Dr./Glen Ethel Ln. to Wingfield Dr./Markham Glen Cir.	45	2,957	Stop	48.0	0.0	II	42.0	A				
Wingfield Dr./Markham Glen Cir. To Vista Oak Dr.	45	3,802	Stop	60.6	0.0	II	42.8	A				
Vista Oak Dr. to Alaqua Dr.	45	1,478	Stop	24.0	0.0	II	42.0	A				
Alaqua Dr. to Lake Mary Blvd.	45	4,594	Signal	117.0	35.4	II	26.8	C	35.7	A		
Lake Mary Blvd. to Bridgewater Dr.	45	2,323	Stop	42.0	0.0	II	37.7	A				
Bridgewater Dr. to Greentree Ln.	45	2,218	Stop	37.2	0.0	II	40.6	A				
Greentree Ln. to Carter Rd.	45	4,224	Stop	73.2	0.0	II	39.3	A				
Carter Rd. to Markham Rd.	45	4,699	Stop	87.0	3.0	II	36.8	A	38.3	A		
TOTAL		39,230		738.6	54.6						36.2	0.255 gal/veh

TABLE C21.2a

Year 2014 Seminole County Travel Time & Delay Study

Markham Woods Road - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Markham Rd. to Carter Rd.	45	4,699	Stop	93.6	0.0	II	34.2	B				
Carter Rd. to Greentree Ln.	45	4,224	Stop	75.6	0.0	II	38.1	A				
Greentree Ln. to Bridgewater Dr.	45	2,218	Stop	37.8	0.0	II	40.0	A				
Bridgewater Dr. to Lake Mary Blvd.	45	2,323	Signal	66.0	13.2	II	24.0	C	33.6	B		
Lake Mary Blvd. to Alaqua Dr.	45	4,594	Stop	78.6	0.0	II	39.8	A				
Alaqua Dr. to Vista Oak Dr.	45	1,478	Stop	24.0	0.0	II	42.0	A				
Vista Oak Dr. to Wingfield Dr./Markham Glen Cir.	45	3,802	Stop	61.8	0.0	II	41.9	A				
Wingfield Dr./Markham Glen Cir. to Wingfield Dr./Glen Ethel Ln.	45	2,957	Stop	49.2	0.0	II	41.0	A				
Wingfield Dr./Glen Ethel Ln. to EE Williamson Rd.	45/35	3,643	Signal	124.8	40.2	II	19.9	D	33.2	B		
EE Williamson Rd. to Spring Landing Blvd.	35/45	4,118	Stop	111.6	13.8	II	25.2	C	25.2	C		
Spring Landing Blvd. to SR 434	45	5,174	Signal	206.4	62.4	II	17.1	D	17.1	D		
TOTAL		39,230		929.4	129.6						28.8	0.261 gal/veh
PM PEAK HOUR												
Markham Rd. to Carter Rd.	45	4,699	Stop	84.6	0.0	II	37.9	A				
Carter Rd. to Greentree Ln.	45	4,224	Stop	74.4	0.0	II	38.7	A				
Greentree Ln. to Bridgewater Dr.	45	2,218	Stop	37.2	0.0	II	40.6	A				
Bridgewater Dr. to Lake Mary Blvd.	45	2,323	Signal	54.6	12.0	II	29.0	B	36.6	A		
Lake Mary Blvd. to Alaqua Dr.	45	4,594	Stop	75.6	0.0	II	41.4	A				
Alaqua Dr. to Vista Oak Dr.	45	1,478	Stop	22.8	0.0	II	44.2	A				
Vista Oak Dr. to Wingfield Dr./Markham Glen Cir.	45	3,802	Stop	61.8	0.0	II	41.9	A				
Wingfield Dr./Markham Glen Cir. to Wingfield Dr./Glen Ethel Ln.	45	2,957	Stop	52.2	1.2	II	38.6	A				
Wingfield Dr./Glen Ethel Ln. to EE Williamson Rd.	45/35	3,643	Signal	91.8	22.8	II	27.1	C	36.9	A		
EE Williamson Rd. to Spring Landing Blvd.	35/45	4,118	Stop	69.0	0.0	II	40.7	A	40.7	A		
Spring Landing Blvd. to SR 434	45	5,174	Signal	150.6	28.8	II	23.4	C	23.4	C		
TOTAL		39,230		774.6	64.8						34.5	0.254 gal/veh

TABLE C22.1a
Year 2014 Seminole County Travel Time & Delay Study
McCulloch Road - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Rouse Rd. to SR 434	30	5,280	Signal	184.2	27.6	**IV**	19.5	B	19.5	B		
SR 434 to Lockwood Blvd.	45	5,016	Signal	125.4	31.2	**II**	27.3	C	27.3	C		
Lockwood Blvd. to Old Lockwood Rd.	45	5,597	Signal	144.0	28.2	**II**	26.5	C	26.5	C		
Total		15,893		453.6	87.0						23.9	0.105 gal/veh
PM PEAK HOUR												
Rouse Rd. to SR 434	30	5,280	Signal	302.4	175.8	**IV**	11.9	D	11.9	D		
SR 434 to Lockwood Blvd.	45	5,016	Signal	121.8	24.6	**II**	28.1	B	28.1	B		
Lockwood Blvd. to Old Lockwood Rd.	45	5,597	Signal	155.4	25.2	**II**	24.6	C	24.6	C		
Total		15,893		579.6	225.6						18.7	0.107 gal/veh

TABLE C22.1b
Year 2014 Seminole County Travel Time & Delay Study
McCulloch Road - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Old Lockwood Rd. to Lockwood Blvd.	45	5,597	Signal	132.6	24.0	**II**	28.8	B	28.8	B		
Lockwood Blvd. to SR 434	45	5,016	Signal	148.2	44.4	**II**	23.1	C	23.1	C		
SR 434 to Rouse Rd.	30	5,280	3 Way Stop	124.8	7.2	**IV**	28.8	A	28.8	A		
TOTAL		15,893		405.6	75.6						26.7	0.107 gal/veh
PM PEAK HOUR												
Old Lockwood Rd. to Lockwood Blvd.	45	5,597	Signal	108.6	12.6	**II**	35.1	A	35.1	A		
Lockwood Blvd. to SR 434	45	5,016	Signal	155.4	28.8	**II**	22.0	C	22.0	C		
SR 434 to Rouse Rd.	30	5,280	3 Way Stop	112.8	6.0	**IV**	31.9	A	31.9	A		
TOTAL		15,893		376.8	47.4						28.8	0.105 gal/veh

TABLE C23.1a
Year 2014 Seminole County Travel Time & Delay Study
Mitchell Hammock Road - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 426 to SR 434	45	5,702	Signal	171.6	66.0	II	22.7	C				
SR 434 to Oviedo Blvd. /Division St.	45	2,482	Signal	45.0	0.0	II	37.6	A	25.8	C		
Oviedo Blvd./Division St. to Alafaya Woods Blvd.	45	3,802	Signal	59.4	0.0	II	43.6	A				
Alafaya Woods Blvd. to Lockwood Blvd.	45	3,062	Signal	153.0	97.2	II	13.6	E	22.0	C		
Total		15,048		429.0	163.2						23.9	0.098 gal/veh
PM PEAK HOUR												
SR 426 to SR 434	45	5,702	Signal	200.4	49.2	II	19.4	D				
SR 434 to Oviedo Blvd. /Division St.	45	2,482	Signal	52.8	6.6	II	32.0	B	22.0	C		
Oviedo Blvd./Division St. to Alafaya Woods Blvd.	45	3,802	Signal	79.8	13.2	II	32.5	B				
Alafaya Woods Blvd. to Lockwood Blvd.	45	3,062	Signal	108.6	28.2	II	19.2	D	24.8	C		
Total		15,048		441.6	97.2						23.2	0.101 gal/veh

TABLE C23.1b
Year 2014 Seminole County Travel Time & Delay Study
Mitchell Hammock Road - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Lockwood Blvd. to Alafaya Woods Blvd.	45	3,062	Signal	64.2	3.6	II	32.5	B				
Alafaya Woods Blvd. to Oviedo Blvd./Division St.	45	3,802	Signal	82.2	4.8	II	31.5	B	32.0	B		
Oviedo Blvd./Division St. to SR 434	45	2,482	Signal	110.4	51.6	II	15.3	E				
SR 434 to SR 426	45	5,702	Signal	133.2	18.6	II	29.2	B	22.9	C		
TOTAL		15,048		390.0	78.6						26.3	0.102 gal/veh
PM PEAK HOUR												
Lockwood Blvd. to Alafaya Woods Blvd.	45	3,062	Signal	61.8	4.2	II	33.8	B				
Alafaya Woods Blvd. to Oviedo Blvd./Division St.	45	3,802	Signal	97.2	13.2	II	26.7	C	29.4	B		
Oviedo Blvd./Division St. to SR 434	45	2,482	Signal	75.6	10.2	II	22.4	C				
SR 434 to SR 426	45	5,702	Signal	111.0	6.6	II	35.0	A	29.9	B		
TOTAL		15,048		345.6	34.2						29.7	0.100 gal/veh

TABLE C24.1a

Year 2014 Seminole County Travel Time & Delay Study

Montgomery Road - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 436 to Tamarack St.	40	2,746	Stop	48.6	0.0	II	38.5	A				
Tamarack St. to Central Pkwy.	40	1,214	Signal	49.8	17.4	II	16.6	E	27.4	C		
Central Pkwy. to Greenbriar Blvd.	40	686	Signal	19.8	4.2	II	23.6	C				
Greenbriar Blvd. to Little Wekiva Rd.	40	1,320	Stop	22.8	0.0	II	39.5	A				
Little Wekiva Rd. to Jamestown Blvd.	40	1,109	Signal	27.0	5.4	II	28.0	C				
Jamestown Blvd. to North St.	40	898	Signal	25.2	6.0	II	24.3	C				
North St. to Plaza Entrance	40	581	Signal	13.2	0.6	II	30.0	B				
Plaza Entrance to SR 434	40	739	Signal	87.6	52.2	II	5.8	F	18.6	D		
TOTAL		9,293		294.0	85.8						21.6	0.060 gal/veh
PM PEAK HOUR												
SR 436 to Tamarack St.	40	2,746	Stop	46.8	0.0	II	40.0	A				
Tamarack St. to Central Pkwy.	40	1,214	Signal	48.6	20.4	II	17.0	D	28.3	B		
Central Pkwy. to Greenbriar Blvd.	40	686	Signal	19.8	3.6	II	23.6	C				
Greenbriar Blvd. to Little Wekiva Rd.	40	1,320	Stop	23.4	0.0	II	38.5	A				
Little Wekiva Rd. to Jamestown Blvd.	40	1,109	Signal	29.4	6.0	II	25.7	C				
Jamestown Blvd. to North St.	40	898	Signal	17.4	0.0	II	35.2	A				
North St. to Plaza Entrance	40	581	Signal	10.8	0.0	II	36.7	A				
Plaza Entrance to SR 434	40	739	Signal	79.8	54.6	II	6.3	F	20.1	D		
TOTAL		9,293		276.0	84.6						23.0	0.061 gal/veh

TABLE C24.1b

Year 2014 Seminole County Travel Time & Delay Study

Montgomery Road - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 434 to Plaza Entrance	40	739	Signal	14.4	0.0	II	35.0	B				
Plaza Entrance to North St.	40	581	Signal	10.2	0.0	II	38.8	A				
North St. to Jamestown Blvd.	40	898	Signal	17.4	0.0	II	35.2	A				
Jamestown Blvd. to Little Wekiva Rd.	40	1,109	Stop	18.6	0.0	II	40.6	A				
Little Wekiva Rd. to Greenbriar Blvd.	40	1,320	Signal	22.2	0.0	II	40.5	A				
Greenbriar Blvd. to Central Pkwy.	40	686	Signal	12.0	0.0	II	39.0	A	38.4	A		
Central Pkwy. to Tamarack St.	40	1,214	Stop	21.0	0.0	II	39.4	A				
Tamarack St. to SR 436	40	2,746	Signal	97.2	28.2	II	19.3	D	22.8	C		
TOTAL		9,293		213.0	28.2						29.7	0.061 gal/veh
PM PEAK HOUR												
SR 434 to Plaza Entrance	40	739	Signal	13.8	0.0	II	36.5	A				
Plaza Entrance to North St.	40	581	Signal	15.6	3.0	II	25.4	C				
North St. to Jamestown Blvd.	40	898	Signal	55.8	27.0	II	11.0	F				
Jamestown Blvd. to Little Wekiva Rd.	40	1,109	Stop	21.0	0.0	II	36.0	A				
Little Wekiva Rd. to Greenbriar Blvd.	40	1,320	Signal	24.0	0.0	II	37.5	A				
Greenbriar Blvd. to Central Pkwy.	40	686	Signal	15.0	0.6	II	31.2	B	25.0	C		
Central Pkwy. to Tamarack St.	40	1,214	Stop	21.0	0.0	II	39.4	A				
Tamarack St. to SR 436	40	2,746	Signal	107.4	22.8	II	17.4	D	21.0	D		
TOTAL		9,293		273.6	53.4						23.2	0.062 gal/veh

TABLE C25.1a
Year 2014 Seminole County Travel Time & Delay Study
Palm Springs Drive - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 436 to Pedestrian Crossing	30	1,056	Signal	33.6	5.4	III	21.4	C				
Pedestrian Crossing to Central Pkwy.	30	1,056	Signal	26.4	2.4	III	27.3	B	24.0	C		
Central Pkwy. to Center St.	30	1,109	Stop	34.2	2.4	III	22.1	C				
Center St. to Hillcrest St.	30	1,320	Stop	35.4	0.0	III	25.4	B				
Hillcrest St. to Oakhurst St.	30	1,003	Signal	37.2	11.4	III	18.4	C				
Oakhurst St. to North St.	30	1,690	Signal	48.6	4.2	III	23.7	C	22.5	C		
North St. to Stanley St.	30	1,795	Stop	43.2	0.0	III	28.3	B				
Stanley St. to Carlton St.	30	1,109	Stop	27.0	0.0	III	28.0	B				
Carlton St. to Roxboro Rd.	30	1,003	Stop	24.6	0.0	III	27.8	B				
Roxboro Rd. to SR 434*	30	1,531	Signal	111.6	70.8	III	9.4	F	18.0	D		
TOTAL		12,672		421.8	96.6						20.5	0.089 gal/veh
PM PEAK HOUR												
SR 436 to Pedestrian Crossing	30	1,056	Signal	32.4	5.4	III	22.2	C				
Pedestrian Crossing to Central Pkwy.	30	1,056	Signal	40.8	8.4	III	17.6	D	19.7	C		
Central Pkwy. to Center St.	30	1,109	Stop	37.2	0.0	III	20.3	C				
Center St. to Hillcrest St.	30	1,320	Stop	32.4	0.0	III	27.8	B				
Hillcrest St. to Oakhurst St.	30	1,003	Signal	22.2	0.0	III	30.8	A				
Oakhurst St. to North St.	30	1,690	Signal	81.6	5.4	III	14.1	D	20.1	C		
North St. to Stanley St.	30	1,795	Stop	43.8	0.0	III	27.9	B				
Stanley St. to Carlton St.	30	1,109	Stop	26.4	0.0	III	28.6	B				
Carlton St. to Roxboro Rd.	30	1,003	Stop	23.4	0.0	III	29.2	B				
Roxboro Rd. to SR 434*	30	1,531	Signal	130.8	81.6	III	8.0	F	16.5	D		
TOTAL		12,672		471.0	100.8						18.3	0.089 gal/veh

* Construction in progress on SR 434 at the intersection of SR 434 and Palm Springs Dr (Financial Project ID: 240233-3-52-01) which may have skewed the LOS for the segments.

TABLE C25.1b
Year 2014 Seminole County Travel Time & Delay Study
Palm Springs Drive - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 434 to Roxboro Rd.*	30	1,531	Stop	36.6	0.0	III	28.5	B				
Roxboro Rd. to Carlton St.	30	1,003	Stop	23.4	0.0	III	29.2	B				
Carlton St. to Stanely St.	30	1,109	Stop	27.6	0.0	III	27.4	B				
Stanley St. to North St.	30	1,795	Signal	59.4	14.4	III	20.6	C	25.2	B		
North St. to Oakhurst St.	30	1,690	Signal	60.6	13.2	III	19.0	C				
Oakhurst St. to Hillcrest St.	30	1,003	Stop	24.0	0.0	III	28.5	B				
Hillcrest St. to Center St.	30	1,320	Stop	38.4	0.0	III	23.4	C				
Center St. to Central Pkwy.	30	1,109	Signal	42.6	9.6	III	17.7	D	21.1	C		
Central Pkwy. to Pedestrian Crossing	30	1,056	Signal	25.2	0.0	III	28.6	B				
Pedestrian Crossing to SR 436	30	1,056	Signal	114.6	40.8	III	6.3	F	10.3	D		
TOTAL		12,672		452.4	78.0						19.1	0.089 gal/veh
PM PEAK HOUR												
SR 434 to Roxboro Rd.*	30	1,531	Stop	35.4	0.0	III	29.5	B				
Roxboro Rd. to Carlton St.	30	1,003	Stop	22.8	0.0	III	30.0	B				
Carlton St. to Stanely St.	30	1,109	Stop	26.4	0.0	III	28.6	B				
Stanley St. to North St.	30	1,795	Signal	58.2	13.8	III	21.0	C	26.0	B		
North St. to Oakhurst St.	30	1,690	Signal	38.4	0.0	III	30.0	B				
Oakhurst St. to Hillcrest St.	30	1,003	Stop	22.8	0.0	III	30.0	B				
Hillcrest St. to Center St.	30	1,320	Stop	30.6	0.0	III	29.4	B				
Center St. to Central Pkwy.	30	1,109	Signal	57.0	25.2	III	13.3	E	23.5	C		
Central Pkwy. to Pedestrian Crossing	30	1,056	Signal	24.6	0.0	III	29.3	B				
Pedestrian Crossing to SR 436	30	1,056	Signal	106.8	75.6	III	6.7	F	11.0	E		
TOTAL		12,672		423.0	114.6						20.4	0.087 gal/veh

* Construction in progress on SR 434 at the intersection of SR 434 and Palm Springs Dr (Financial Project ID: 240233-3-52-01) which may have skewed the LOS for the segments.

TABLE C26.1a

Year 2014 Seminole County Travel Time & Delay Study

Red Bug Lake Road - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 436 to Winter Park Dr.*	45	211	Signal	5.4	0.0	II	26.7	C				
Winter Park Dr. to Fire Station*	45	634	Signal	11.4	0.0	II	37.9	A				
Fire Station to Mark David Blvd.*	45	1,267	Stop	19.8	0.0	II	43.6	A				
Mark David Blvd. to Eagle Cr.*	45	1,320	Signal	20.4	0.0	II	44.1	A	41.1	A		
Eagle Cr. to Jericho Dr.	45	5,544	Stop	86.4	0.0	II	43.7	A				
Jericho Dr. to Merivale Dr.	45	1,373	Signal	21.6	0.0	II	43.3	A				
Merivale Dr. to Nodding Pines Way	45	2,218	Signal	43.8	6.0	II	34.5	B				
Nodding Pines way to Dodd Rd.	45	1,478	Signal	46.8	12.0	II	21.5	D	36.4	A		
Dodd Rd. to Willa Springs Center	45	2,059	Stop	34.8	0.0	II	40.3	A				
Willa Springs Center to Plaza Entrance	45	1,003	Signal	37.2	9.6	II	18.4	D				
Plaza Entrance to Tuskawilla Rd.	45	528	Signal	34.8	14.4	II	10.3	F	22.9	C		
Tuskawilla Rd. to Red Willow Plaza	45	475	Signal	9.0	0.0	II	36.0	A				
Red Willow Plaza to Rising Sun Blvd.	45	2,693	Signal	79.8	24.0	II	23.0	C				
Rising Sun Blvd. to S. Citrus Rd.	45	1,373	Signal	24.0	0.0	II	39.0	A				
S. Citrus Rd. to Mikler Rd.	45	1,267	Signal	19.8	0.0	II	43.6	A				
Mikler Rd. to Slavia Rd.	45	1,690	Signal	25.8	0.0	II	44.6	A	32.3	B		
Slavia Rd. to Dovera Dr.	45	3,168	Signal	49.2	0.0	II	43.9	A				
Dovera Dr. to Oviedo Market Pl.	45	1,109	Signal	18.6	0.0	II	40.6	A				
Oviedo Market Pl. to SR 417 (W. Ramps)	45	1,267	Signal	19.8	0.0	II	43.6	A				
SR 417 (W. Ramps) to SR 417 (E. Ramps)	45	845	Signal	18.0	3.6	II	32.0	B	41.2	A		
SR 417 (E. Ramps) to SR 426	45	1,637	Signal	62.4	26.4	II	17.9	D	17.9	D		
TOTAL		33,158		688.8	96.0						32.8	0.216 gal/veh
PM PEAK HOUR												
SR 436 to Winter Park Dr.*	45	211	Signal	6.6	0.0	II	21.8	D				
Winter Park Dr. to Fire Station*	45	634	Signal	11.4	0.0	II	37.9	A				
Fire Station to Mark David Blvd.*	45	1,267	Stop	19.8	0.0	II	43.6	A				
Mark David Blvd. to Eagle Cr.*	45	1,320	Signal	21.0	0.0	II	42.9	A	39.8	A		
Eagle Cr. to Jericho Dr.	45	5,544	Stop	87.6	0.0	II	43.1	A				
Jericho Dr. to Merivale Dr.	45	1,373	Signal	25.8	1.8	II	36.3	A				
Merivale Dr. to Nodding Pines Way	45	2,218	Signal	35.4	0.0	II	42.7	A				
Nodding Pines way to Dodd Rd.	45	1,478	Signal	47.4	15.0	II	21.3	D	36.9	A		
Dodd Rd. to Willa Springs Center	45	2,059	Stop	34.8	0.0	II	40.3	A				
Willa Springs Center to Plaza Entrance	45	1,003	Signal	32.4	12.6	II	21.1	D				
Plaza Entrance to Tuskawilla Rd.	45	528	Signal	15.6	4.2	II	23.1	C	29.6	B		
Tuskawilla Rd. to Red Willow Plaza	45	475	Signal	8.4	0.0	II	38.6	A				
Red Willow Plaza to Rising Sun Blvd.	45	2,693	Signal	70.2	12.0	II	26.2	C				
Rising Sun Blvd. to S. Citrus Rd.	45	1,373	Signal	23.4	0.0	II	40.0	A				
S. Citrus Rd. to Mikler Rd.	45	1,267	Signal	20.4	0.0	II	42.4	A				
Mikler Rd. to Slavia Rd.	45	1,690	Signal	28.2	0.0	II	40.8	A	33.9	B		
Slavia Rd. to Dovera Dr.	45	3,168	Signal	54.0	1.2	II	40.0	A				
Dovera Dr. to Oviedo Market Pl.	45	1,109	Signal	18.0	0.0	II	42.0	A				
Oviedo Market Pl. to SR 417 (W. Ramps)	45	1,267	Signal	19.8	0.0	II	43.6	A				
SR 417 (W. Ramps) to SR 417 (E. Ramps)	45	845	Signal	13.2	0.0	II	43.6	A	41.5	A		
SR 417 (E. Ramps) to SR 426	45	1,637	Signal	61.8	8.4	II	18.1	D	18.1	D		
TOTAL		33,158		655.2	55.2						34.5	0.214 gal/veh

* Construction in progress on Red Bug Lake Rd from SR 436 to Eagle Cir (Project ID: 00226301) which may have skewed the LOS for the segments.

TABLE C26.1b

Year 2014 Seminole County Travel Time & Delay Study

Red Bug Lake Road - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 426 to SR 417 (E. Ramps)	45	1,637	Signal	25.8	0.0	II	43.3	A	43.3	A		
SR 417 (E. Ramps) to SR 417 (W. Ramps)	45	845	Signal	12.6	0.0	II	45.7	A				
SR 417 (W. Ramps) tp Oviedo Market Pl.	45	1,267	Signal	19.2	0.0	II	45.0	A				
Oviedo Market Pl. to Dovera Dr.	45	1,109	Signal	17.4	0.0	II	43.4	A				
Dovera Dr. to Slavia Rd.	45	3,168	Signal	56.4	2.4	II	38.3	A	41.2	A		
Slavia Rd. to Mikler Rd.	45	1,690	Signal	27.0	0.0	II	42.7	A				
Mikler Rd. to S. Citrus Rd.	45	1,267	Signal	20.4	0.0	II	42.4	A				
S. Citrus Rd. to Rising Sun Blvd.	45	1,373	Signal	22.2	0.0	II	42.2	A				
Rising Sun Blvd. to Red Willow Plaza	45	2,693	Signal	45.6	0.0	II	40.3	A				
Red willow Plaza to Tuskawilla Rd.	45	475	Signal	10.8	0.0	II	30.0	B	40.6	A		
Tuskawilla Rd. to Plaza Entrance	45	528	Signal	9.0	0.0	II	40.0	A				
Plaza Entrance to Willa Springs Center	45	1,003	Stop	15.6	0.0	II	43.8	A				
Willa Springs Center to Dodd Rd.	45	2,059	Signal	55.2	16.8	II	25.4	C	30.7	B		
Dodd Rd. to Nodding Pines Way	45	1,478	Signal	31.8	4.8	II	31.7	B				
Nodding Pines Way to Merivale Dr.	45	2,218	Signal	34.2	0.0	II	44.2	A				
Merivale Dr. to Jericho Dr.	45	1,373	Stop	21.6	0.0	II	43.3	A				
Jericho Dr. to Eagle Cr.	45	5,544	Signal	93.6	2.4	II	40.4	A	39.9	A		
Eagle Cr. to Mark David Blvd.*	45	1,320	Stop	23.4	0.0	II	38.5	A				
Mark David Blvd.to Fire Station*	45	1,267	Signal	24.0	0.6	II	36.0	A				
Fire Station to Winter Park Dr.*	45	634	Signal	89.4	72.0	II	4.8	F				
Winter Park Dr. to SR 436*	45	211	Signal	3.6	0.0	II	40.0	A	16.7	E		
TOTAL		33,158		658.8	99.0						34.3	0.213 gal/veh
PM PEAK HOUR												
SR 426 to SR 417 (E. Ramps)	45	1,637	Signal	38.4	5.4	II	29.1	B	29.1	B		
SR 417 (E. Ramps) to SR 417 (W. Ramps)	45	845	Signal	15.0	0.0	II	38.4	A				
SR 417 (W. Ramps) tp Oviedo Market Pl.	45	1,267	Signal	20.4	0.0	II	42.4	A				
Oviedo Market Pl. to Dovera Dr.	45	1,109	Signal	18.0	0.0	II	42.0	A				
Dovera Dr. to Slavia Rd.	45	3,168	Signal	66.6	9.6	II	32.4	B	36.3	A		
Slavia Rd. to Mikler Rd.	45	1,690	Signal	27.0	0.0	II	42.7	A				
Mikler Rd. to S. Citrus Rd.	45	1,267	Signal	25.8	3.6	II	33.5	B				
S. Citrus Rd. to Rising Sun Blvd.	45	1,373	Signal	49.8	18.0	II	18.8	D				
Rising Sun Blvd. to Red Willow Plaza	45	2,693	Signal	84.0	21.6	II	21.9	D				
Red willow Plaza to Tuskawilla Rd.	45	475	Signal	76.2	76.2	II	4.3	F	19.5	D		
Tuskawilla Rd. to Plaza Entrance	45	528	Signal	10.8	0.0	II	33.3	B				
Plaza Entrance to Willa Springs Center	45	1,003	Stop	17.4	0.0	II	39.3	A				
Willa Springs Center to Dodd Rd.	45	2,059	Signal	102.6	46.2	II	13.7	E	18.7	D		
Dodd Rd. to Nodding Pines Way	45	1,478	Signal	36.0	6.6	II	28.0	C				
Nodding Pines Way to Merivale Dr.	45	2,218	Signal	36.0	0.0	II	42.0	A				
Merivale Dr. to Jericho Dr.	45	1,373	Stop	21.6	0.0	II	43.3	A				
Jericho Dr. to Eagle Cr.	45	5,544	Signal	87.0	0.0	II	43.4	A	40.1	A		
Eagle Cr. to Mark David Blvd.*	45	1,320	Stop	21.0	0.0	II	42.9	A				
Mark David Blvd.to Fire Station*	45	1,267	Signal	21.6	0.0	II	40.0	A				
Fire Station to Winter Park Dr.*	45	634	Signal	96.0	63.6	II	4.5	F				
Winter Park Dr. to SR 436*	45	211	Signal	3.6	0.0	II	40.0	A	16.5	E		
TOTAL		33,158		874.8	250.8						25.8	0.216 gal/veh

* Construction in progress on Red Bug Lake Rd from Eagle Cir to SR 436 (Project ID: 00226301) which may have skewed the LOS for the segments.

TABLE C27.1a
Year 2014 Seminole County Travel Time & Delay Study
Rinehart Road - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Lake Mary Blvd. to Pine Circle Dr.	45	1,373	Stop	23.4	0.0	II	40.0	A				
Pine Circle Dr. to Crystal Lake Elem. Sch.	45	739	Signal	21.6	6.6	II	23.3	C				
Crystal Lake Elem. Sch. to Anderson Ln.	45	739	Stop	13.2	0.0	II	38.2	A	33.4	B		
Anderson Ln. to Primera Blvd.	45	422	Signal	10.2	1.8	II	28.2	B				
Primera Blvd. to Stromberg/Seimens Dr./Manderley Run	45	739	Signal	25.2	9.0	II	20.0	D				
Stromberg/Seimens Dr./Manderley Run to Wallace Ct.	45	2,534	Signal	43.8	0.6	II	39.5	A				
Wallace Ct. to Postal Dist. Ctr.	45	1,742	Signal	36.0	1.2	II	33.0	B				
Postal Dist. Ctr. to Timacuan Blvd.	45	1,109	Signal	27.6	3.6	II	27.4	C				
Timacuan Blvd. to CR 46A	45	1,584	Signal	86.4	18.0	II	12.5	F	24.2	C		
CR 46A to Town Center Blvd	45	4,224	Signal	79.2	5.4	II	36.4	A				
Town Center Blvd to SR 417 (S. Ramps)	45	2,534	Signal	58.8	6.0	II	29.4	B	33.4	B		
SR 417 (S. Ramps) to SR 417 (N. Ramps)	45	1,162	Signal	24.6	1.2	II	32.2	B				
SR 417 (N. Ramps) to St. Johns Pkwy.	45	1,954	Signal	49.2	7.2	II	27.1	C				
St. Johns Pkwy. to SR 46	45	2,270	Signal	91.8	34.2	II	16.9	E	22.2	C		
TOTAL		23,126		591.0	94.8						26.7	0.153 gal/veh
PM PEAK HOUR												
Lake Mary Blvd. to Pine Circle Dr.	45	1,373	Stop	22.8	0.0	II	41.1	A				
Pine Circle Dr. to Crystal Lake Elem. Sch.	45	739	Signal	13.2	0.6	II	38.2	A				
Crystal Lake Elem. Sch. to Anderson Ln.	45	739	Stop	12.6	0.0	II	40.0	A	40.0	A		
Anderson Ln. to Primera Blvd.	45	422	Signal	20.4	9.6	II	14.1	E				
Primera Blvd. to Stromberg/Seimens Dr./Manderley Run	45	739	Signal	16.8	2.4	II	30.0	B				
Stromberg/Seimens Dr./Manderley Run to Wallace Ct.	45	2,534	Signal	45.0	1.2	II	38.4	A				
Wallace Ct. to Postal Dist. Ctr.	45	1,742	Signal	37.8	4.2	II	31.4	B				
Postal Dist. Ctr. to Timacuan Blvd.	45	1,109	Signal	56.4	7.2	II	13.4	E				
Timacuan Blvd. to CR 46A	45	1,584	Signal	112.2	69.0	II	9.6	F	19.2	D		
CR 46A to Town Center Blvd	45	4,224	Signal	70.8	0.6	II	40.7	A				
Town Center Blvd to SR 417 (S. Ramps)	45	2,534	Signal	49.2	1.8	II	35.1	A	38.4	A		
SR 417 (S. Ramps) to SR 417 (N. Ramps)	45	1,162	Signal	34.8	12.6	II	22.8	C				
SR 417 (N. Ramps) to St. Johns Pkwy.	45	1,954	Signal	36.6	0.0	II	36.4	A				
St. Johns Pkwy. to SR 46	45	2,270	Signal	69.0	25.2	II	22.4	C	26.2	C		
TOTAL		23,126		597.6	134.4						26.4	0.152 gal/veh

TABLE C27.1b
Year 2014 Seminole County Travel Time & Delay Study
Rinehart Road - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 46 to St. Johns Pkwy.	45	2,270	Signal	72.0	22.2	II	21.5	D				
St. Johns Pkwy. to SR 417 (N. Ramps)	45	1,954	Signal	43.2	7.2	II	30.8	B				
SR 417 (N. Ramps) to SR 417 (S. Ramps)	45	1,162	Signal	19.8	0.0	II	40.0	A	27.2	C		
SR 417 (S. Ramps) to Town Center Blvd	45	2,534	Signal	42.0	0.0	II	41.1	A				
Town Center Blvd to CR 46A	45	4,224	Signal	127.8	21.6	II	22.5	C	27.1	C		
CR 46A to Timacuan Blvd.	45	1,584	Signal	33.0	3.6	II	32.7	B				
Timacuan Blvd. to Postal Dist. Ctr.	45	1,109	Signal	20.4	0.0	II	37.1	A				
Postal Dist. Ctr. to Wallace Ct.	45	1,742	Signal	31.8	2.4	II	37.4	A				
Wallace Ct. to Stromberg/Seimens Dr./Manderley Run	45	2,534	Signal	45.0	1.2	II	38.4	A				
Stromberg/Seimens Dr./Manderley to Primera Blvd.	45	739	Signal	37.2	10.8	II	13.5	E				
Primera Blvd. to Anderson Ln.	45	422	Stop	8.4	0.0	II	34.3	B	31.5	B		
Anderson Ln. to Crystal Lake Elem. Sch.	45	739	Signal	18.0	3.6	II	28.0	C				
Crystal Lake Elem. Sch. to Pine Circle Dr.	45	739	Stop	12.6	0.0	II	40.0	A				
Pine Circle Dr. to Lake Mary Blvd.	45	1,373	Signal	74.4	18.0	II	12.6	F	18.5	D		
TOTAL		23,126		585.6	90.6						26.9	0.153 gal/veh
PM PEAK HOUR												
SR 46 to St. Johns Pkwy.	45	2,270	Signal	76.8	19.2	II	20.2	D				
St. Johns Pkwy. to SR 417 (N. Ramps)	45	1,954	Signal	35.4	0.0	II	37.6	A				
SR 417 (N. Ramps) to SR 417 (S. Ramps)	45	1,162	Signal	18.6	0.0	II	42.6	A	28.1	B		
SR 417 (S. Ramps) to Town Center Blvd	45	2,534	Signal	42.0	0.0	II	41.1	A				
Town Center Blvd to CR 46A	45	4,224	Signal	150.6	56.4	II	19.1	D	23.9	C		
CR 46A to Timacuan Blvd.	45	1,584	Signal	37.2	8.4	II	29.0	B				
Timacuan Blvd. to Postal Dist. Ctr.	45	1,109	Signal	19.2	0.0	II	39.4	A				
Postal Dist. Ctr. to Wallace Ct.	45	1,742	Signal	34.2	1.8	II	34.7	B				
Wallace Ct. to Stromberg/Seimens Dr./Manderley Run	45	2,534	Signal	47.4	3.6	II	36.5	A				
Stromberg/Seimens Dr./Manderley to Primera Blvd.	45	739	Signal	30.6	8.4	II	16.5	E				
Primera Blvd. to Anderson Ln.	45	422	Stop	8.4	0.0	II	34.3	B	31.3	B		
Anderson Ln. to Crystal Lake Elem. Sch.	45	739	Signal	13.8	0.6	II	36.5	A				
Crystal Lake Elem. Sch. to Pine Circle Dr.	45	739	Stop	12.0	0.0	II	42.0	A				
Pine Circle Dr. to Lake Mary Blvd.	45	1,373	Signal	116.4	38.4	II	8.0	F	13.7	E		
TOTAL		23,126		642.6	136.8						24.5	0.153 gal/veh

TABLE C28.1a

Year 2014 Seminole County Travel Time & Delay Study

Sand Lake Road - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Line Dr. to Burlington Dr.	35	634	Stop	16.8	0.0	III	25.7	B				
Burlington Dr. to Wekiva Cove Rd.	35	1,373	Stop	28.2	0.0	III	33.2	A				
Wekiva Cove Rd. to Hunt Club Blvd.	35	1,109	Signal	82.8	33.6	III	9.1	F	16.6	D		
Hunt Club Blvd. to W. Lake Brantley Rd.	35	4,541	Signal	108.0	6.0	III	28.7	B				
W. Lake Brantley Rd. (W) to W. Lake Brantley Rd. (E)	35	1,373	Signal	67.8	32.4	III	13.8	E	22.9	C		
W. Lake Brantley Rd. (E) to Classic Dr.	35	1,637	Stop	60.0	12.6	III	18.6	C				
Classic Dr. to Elem. Sch.	35	370	Signal	34.8	10.8	III	7.2	F				
Elem. Sch. to High Sch. Ent./Exit	35	1,267	Signal	28.2	0.6	III	30.6	A				
High Sch. Ent./Exit to SR 434	35	686	Signal	95.4	49.8	III	4.9	F	12.4	E		
TOTAL		12,989		522.0	145.8						17.0	0.089 gal/veh
PM PEAK HOUR												
Line Dr. to Burlington Dr.	35	634	Stop	15.6	0.0	III	27.7	B				
Burlington Dr. to Wekiva Cove Rd.	35	1,373	Stop	28.2	0.0	III	33.2	A				
Wekiva Cove Rd. to Hunt Club Blvd.	35	1,109	Signal	60.0	12.6	III	12.6	E	20.5	C		
Hunt Club Blvd. to W. Lake Brantley Rd.	35	4,541	Signal	97.8	4.8	III	31.7	A				
W. Lake Brantley Rd. (W) to W. Lake Brantley Rd. (E)	35	1,373	Signal	55.8	21.0	III	16.8	D	26.2	B		
W. Lake Brantley Rd. (E) to Classic Dr.	35	1,637	Stop	35.4	0.0	III	31.5	A				
Classic Dr. to Elem. Sch.	35	370	Signal	10.2	1.8	III	24.7	B				
Elem. Sch. to High Sch. Ent./Exit	35	1,267	Signal	29.4	1.2	III	29.4	B				
High Sch. Ent./Exit to SR 434	35	686	Signal	80.4	49.8	III	5.8	F	17.4	D		
TOTAL		12,989		412.8	91.2						21.5	0.088 gal/veh

TABLE C28.1b
Year 2014 Seminole County Travel Time & Delay Study
Sand Lake Road - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 434 to High Sch. Ent./Exit	35	686	Signal	21.6	1.8	III	21.7	C				
High Sch. Ent./Exit to Elem. Sch.	35	1,267	Signal	32.4	3.0	III	26.7	B				
Elem. Sch. to Classic Dr.	35	370	Stop	9.6	1.2	III	26.2	B				
Classic Dr. to W. Lake Brantley Rd. (E)	35	1,637	Signal	33.0	0.0	III	33.8	A	27.9	B		
W. Lake Brantley Rd. (E) to W. Lake Brantley Rd. (W)	35	1,373	Signal	38.4	7.8	III	24.4	B				
W. Lake Brantley Rd. (W) to Hunt Club Blvd.	35	4,541	Signal	160.2	25.2	III	19.3	C	20.3	C		
Hunt Club Blvd. to Wekiva Cove Rd.	35	1,109	Stop	22.2	0.0	III	34.1	A				
Wekiva Cove Rd. to Burlington Dr.	35	1,373	Stop	26.4	0.0	III	35.5	A				
Burlington Dr. to Line Dr.	35	634	4 Way Stop	18.6	4.8	III	23.2	C	31.6	A		
TOTAL		12,989		362.4	43.8						24.4	0.088 gal/veh
PM PEAK HOUR												
SR 434 to High Sch. Ent./Exit	35	686	Signal	34.8	12.0	III	13.4	E				
High Sch. Ent./Exit to Elem. Sch.	35	1,267	Signal	37.2	4.8	III	23.2	C				
Elem. Sch. to Classic Dr.	35	370	Stop	7.8	0.0	III	32.3	A				
Classic Dr. to W. Lake Brantley Rd. (E)	35	1,637	Signal	41.4	6.6	III	27.0	B	22.3	C		
W. Lake Brantley Rd. (E) to W. Lake Brantley Rd. (W)	35	1,373	Signal	46.8	14.4	III	20.0	C				
W. Lake Brantley Rd. (W) to Hunt Club Blvd.	35	4,541	Signal	150.6	28.8	III	20.6	C	20.4	C		
Hunt Club Blvd. to Wekiva Cove Rd.	35	1,109	Stop	23.4	0.0	III	32.3	A				
Wekiva Cove Rd. to Burlington Dr.	35	1,373	Stop	27.0	0.0	III	34.7	A				
Burlington Dr. to Line Dr.	35	634	4 Way Stop	19.2	4.2	III	22.5	C	30.5	A		
TOTAL		12,989		388.2	70.8						22.8	0.089 gal/veh

TABLE C29.1a
Year 2014 Seminole County Travel Time & Delay Study
Sanford Avenue - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Lake Mary Blvd. to Sanora Blvd.	45	2,534	Stop	43.2	0.0	II	40.0	A				
Sanora Blvd. to Airport Blvd.	45	1,531	Signal	35.4	1.2	II	29.5	B	35.3	A		
Airport Blvd. to 27th St.	40	2,693	Stop	50.4	0.0	II	36.4	A				
27th St. to 25th Pl.	40	2,112	Stop	39.6	0.0	II	36.4	A				
25th Pl. to SR 46	40	792	Signal	58.8	25.2	II	9.2	F	25.6	C		
SR 46 to 20th St.	35	2,640	4-Way Stop	78.0	13.2	III	23.1	C				
20th St. to RR Tracks	35	845	Stop	22.2	0.0	III	25.9	B				
RR Tracks to 13th St.	35	1,637	Signal	90.6	12.0	III	12.3	E				
13th St. to Celery Ave.	35	158	Signal	4.8	0.0	III	22.5	C				
Celery Ave. to 6th St.	35	2,165	Stop	48.6	0.0	III	30.4	A	20.8	C		
6th St. to 1st St.*	25	1,637	Signal	93.0	8.4	IV	12.0	D	12.0	D		
TOTAL		18,744		564.6	60.0						22.6	0.130 gal/veh
PM PEAK HOUR												
Lake Mary Blvd. to Sanora Blvd.	45	2,534	Stop	43.8	0.0	II	39.5	A				
Sanora Blvd. to Airport Blvd.	45	1,531	Signal	30.6	3.0	II	34.1	B	37.3	A		
Airport Blvd. to 27th St.	40	2,693	Stop	49.2	0.0	II	37.3	A				
27th St. to 25th Pl.	40	2,112	Stop	39.0	0.0	II	36.9	A				
25th Pl. to SR 46	40	792	Signal	54.0	22.8	II	10.0	F	26.8	C		
SR 46 to 20th St.	35	2,640	4-Way Stop	84.0	13.8	III	21.4	C				
20th St. to RR Tracks	35	845	Stop	21.0	0.0	III	27.4	B				
RR Tracks to 13th St.	35	1,637	Signal	79.2	37.8	III	14.1	D				
13th St. to Celery Ave.	35	158	Signal	5.4	0.0	III	20.0	C				
Celery Ave. to 6th St.	35	2,165	Stop	55.2	0.0	III	26.7	B	20.7	C		
6th St. to 1st St.*	25	1,637	Signal	83.4	6.0	IV	13.4	C	13.4	C		
TOTAL		18,744		544.8	83.4						23.5	0.131 gal/veh

* Construction in progress on Sanford Avenue from 1st Street to 6th Street which may have skewed the LOS for the segments.

TABLE C29.1b
Year 2014 Seminole County Travel Time & Delay Study
Sanford Avenue - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
1st St. to 6th St.*	25	1,637	Stop	73.2	0.0	IV	15.2	C	15.2	C		
6th St. to Celery Ave.	35	2,165	Signal	61.8	7.2	III	23.9	C				
Celery Ave. to 13th St.	35	158	Signal	4.8	0.0	III	22.5	C				
13th St. to RR Tracks	35	1,637	Stop	37.2	0.0	III	30.0	B				
RR Tracks to 20th St.	35	845	4-Way Stop	31.2	4.8	III	18.5	C				
20th St. to SR 46	35	2,640	Signal	116.4	36.6	III	15.5	D	20.2	C		
SR 46 to 25th Pl.	40	792	Stop	16.8	0.0	II	32.1	B				
25th Pl. to 27th St.	40	2,112	Stop	40.2	0.0	II	35.8	A				
27th St. to Airport Blvd.	40	2,693	Signal	75.6	9.6	II	24.3	C	28.8	B		
Airport Blvd. to Sanora Blvd.	45	1,531	Stop	27.0	0.0	II	38.7	A				
Sanora Blvd. to Lake Mary Blvd.	45	2,534	Signal	89.4	31.8	II	19.3	D	23.8	C		
TOTAL		18,744		573.6	90.0						22.3	0.130 gal/veh
PM PEAK HOUR												
1st St. to 6th St.*	25	1,637	Stop	65.4	0.0	IV	17.1	C	17.1	C		
6th St. to Celery Ave.	35	2,165	Signal	71.4	15.6	III	20.7	C				
Celery Ave. to 13th St.	35	158	Signal	5.4	0.0	III	20.0	C				
13th St. to RR Tracks	35	1,637	Stop	39.6	0.6	III	28.2	B				
RR Tracks to 20th St.	35	845	4-Way Stop	46.8	18.0	III	12.3	E				
20th St. to SR 46	35	2,640	Signal	126.6	36.6	III	14.2	D	17.5	D		
SR 46 to 25th Pl.	40	792	Stop	16.2	0.0	II	33.3	B				
25th Pl. to 27th St.	40	2,112	Stop	37.8	0.0	II	38.1	A				
27th St. to Airport Blvd.	40	2,693	Signal	60.0	4.2	II	30.6	B	33.5	B		
Airport Blvd. to Sanora Blvd.	45	1,531	Stop	25.2	0.0	II	41.4	A				
Sanora Blvd. to Lake Mary Blvd.	45	2,534	Signal	78.6	25.8	II	22.0	D	26.7	C		
TOTAL		18,744		573.0	100.8						22.3	0.131 gal/veh

* Construction in progress on Sanford Avenue from 1st Street to 6th Street which may have skewed the LOS for the segments.

TABLE C30.1a

Year 2014 Seminole County Travel Time & Delay Study

Tuskawilla Road - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 426/Aloma Ave. to Trail Crossing	45	634	Signal	12.6	0.0	II	34.3	B				
Trail Crossing to Gabriella Ln.	45	3,326	Signal	57.6	2.4	II	39.4	A				
Gabriella Ln. to Dike Rd.	45	2,640	Signal	64.2	3.0	II	28.0	B	33.5	B		
Dike Rd. to Red Bug Lake Rd.	45	4,118	Signal	144.0	9.0	II	19.5	D	19.5	D		
Red Bug Lake Rd. to Eagle Blvd.	45	4,382	Signal	82.2	9.0	II	36.3	A				
Eagle Blvd. to E. Lake Dr.	45	1,637	Signal	30.6	1.2	II	36.5	A	36.4	A		
E. Lake Dr. to Dyson Dr.	45	528	Signal	12.6	1.2	II	28.6	B				
Dyson Dr. to Winter Springs Blvd.	45	4,699	Signal	102.6	25.2	II	31.2	B	30.9	B		
Winter Springs Blvd. to Trotwood Blvd.	45	3,538	Signal	94.2	28.8	II	25.6	C				
Trotwood Blvd. to SR 434	45	4,541	Signal	136.2	25.8	II	22.7	C	23.9	C		
TOTAL		30,043		736.8	105.6						27.8	0.198 gal/veh
PM PEAK HOUR												
SR 426/Aloma Ave. to Trail Crossing	45	634	Signal	15.0	0.6	II	28.8	B				
Trail Crossing to Gabriella Ln.	45	3,326	Signal	61.8	1.8	II	36.7	A				
Gabriella Ln. to Dike Rd.	45	2,640	Signal	52.8	1.8	II	34.1	B	34.7	B		
Dike Rd. to Red Bug Lake Rd.	45	4,118	Signal	126.0	36.0	II	22.3	C	22.3	C		
Red Bug Lake Rd. to Eagle Blvd.	45	4,382	Signal	84.6	3.6	II	35.3	A				
Eagle Blvd. to E. Lake Dr.	45	1,637	Signal	38.4	6.6	II	29.1	B	33.4	B		
E. Lake Dr. to Dyson Dr.	45	528	Signal	12.6	1.2	II	28.6	B				
Dyson Dr. to Winter Springs Blvd.	45	4,699	Signal	103.8	19.8	II	30.9	B	30.6	B		
Winter Springs Blvd. to Trotwood Blvd.	45	3,538	Signal	66.0	5.4	II	36.5	A				
Trotwood Blvd. to SR 434	45	4,541	Signal	171.6	82.8	II	18.0	D	23.2	C		
TOTAL		30,043		732.6	159.6						28.0	0.197 gal/veh

TABLE C30.1b

Year 2014 Seminole County Travel Time & Delay Study

Tuskawilla Road - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 434 to Trotwood Blvd.	45	4,541	Signal	123.0	17.4	II	25.2	C				
Trotwood Blvd. to Winter Springs Blvd.	45	3,538	Signal	69.6	5.4	II	34.7	B	28.6	B		
Winter Springs Blvd. to Dyson Dr.	45	4,699	Signal	79.2	1.8	II	40.5	A				
Dyson Dr. to E. Lake Dr.	45	528	Signal	28.8	11.4	II	12.5	F	33.0	B		
E. Lake Dr. to Eagle Blvd.	45	1,637	Signal	41.4	8.4	II	27.0	C				
Eagle Blvd. to Red Bug Lake Rd.	45	4,382	Signal	147.0	26.4	II	20.3	D	21.8	D		
Red Bug Lake Rd. to Dike Rd.	45	4,118	Signal	100.8	22.8	II	27.9	C	27.9	C		
Dike Rd. to Gabriella Ln.	45	2,640	Signal	59.4	1.2	II	30.3	B				
Gabriella Ln. to Trail Crossing	45	3,326	Signal	55.8	0.0	II	40.6	A				
Trail Crossing. to SR 426/Aloma Ave.	45	634	Signal	67.2	46.8	II	6.4	F	24.7	C		
TOTAL		30,043		772.2	141.6						26.5	0.199 gal/veh
PM PEAK HOUR												
SR 434 to Trotwood Blvd.	45	4,541	Signal	87.0	3.6	II	35.6	A				
Trotwood Blvd. to Winter Springs Blvd.	45	3,538	Signal	76.2	13.2	II	31.7	B	33.7	B		
Winter Springs Blvd. to Dyson Dr.	45	4,699	Signal	85.8	3.0	II	37.3	A				
Dyson Dr. to E. Lake Dr.	45	528	Signal	27.6	13.2	II	13.0	E	31.4	B		
E. Lake Dr. to Eagle Blvd.	45	1,637	Signal	31.8	0.0	II	35.1	A				
Eagle Blvd. to Red Bug Lake Rd.	45	4,382	Signal	127.8	43.8	II	23.4	C	25.7	C		
Red Bug Lake Rd. to Dike Rd.	45	4,118	Signal	81.0	13.2	II	34.7	B	34.7	B		
Dike Rd. to Gabriella Ln.	45	2,640	Signal	45.0	1.8	II	40.0	A				
Gabriella Ln. to Trail Crossing	45	3,326	Signal	55.2	0.0	II	41.1	A				
Trail Crossing. to SR 426/Aloma Ave.	45	634	Signal	64.2	28.2	II	6.7	F	27.4	C		
TOTAL		30,043		681.6	120.0						30.1	0.197 gal/veh

TABLE C31.1a

Year 2014 Seminole County Travel Time & Delay Study

Wekiva Springs Road - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Orange Co. Line to Hunt Club Blvd.	40	4,594	Signal	99.0	12.0	II	31.6	B	31.6	B		
Hunt Club Blvd. to Sweetwater Cove Blvd.	35	2,376	Signal	57.6	6.0	III	28.1	B				
Sweetwater Cove Blvd. to Riverbend Blvd.	35	1,848	Signal	50.4	9.0	III	25.0	B				
Riverbend Blvd. to Sweetwater Blvd.	35	211	Signal	4.8	0.0	III	30.0	B				
Sweetwater Blvd. to Fox Valley Rd.	35	3,960	Signal	124.8	19.8	III	21.6	C	24.1	B		
Fox Valley Rd. to Sabal Palm Dr.	35	898	Signal	17.4	0.0	III	35.2	A				
Sabal Palm Dr. to Sabal Club Way	35	1,795	Stop	33.6	0.0	III	36.4	A				
Sabal Club Way to E. Lake Brantley Rd.	40	1,478	Signal	27.6	0.0	III	36.5	A	36.2	A		
E. Lake Brantley to Wekiva Springs Ln.	40	2,693	Signal	51.0	0.0	III	36.0	A				
Wekiva Springs Ln. to SR 434	40	1,954	Signal	119.4	48.0	III	11.2	E	18.6	C		
TOTAL		21,806		585.6	94.8						25.4	0.148 gal/veh
PM PEAK HOUR												
Orange Co. Line to Hunt Club Blvd.	40	4,594	Signal	118.8	29.4	II	26.4	C	26.4	C		
Hunt Club Blvd. to Sweetwater Cove Blvd.	35	2,376	Signal	45.0	0.0	III	36.0	A				
Sweetwater Cove Blvd. to Riverbend Blvd.	35	1,848	Signal	36.0	0.0	III	35.0	A				
Riverbend Blvd. to Sweetwater Blvd.	35	211	Signal	4.2	0.0	III	34.3	A				
Sweetwater Blvd. to Fox Valley Rd.	35	3,960	Signal	84.0	5.4	III	32.1	A	33.8	A		
Fox Valley Rd. to Sabal Palm Dr.	35	898	Signal	17.4	0.0	III	35.2	A				
Sabal Palm Dr. to Sabal Club Way	35	1,795	Stop	32.4	0.0	III	37.8	A				
Sabal Club Way to E. Lake Brantley Rd.	40	1,478	Signal	32.4	3.6	III	31.1	A	34.6	A		
E. Lake Brantley to Wekiva Springs Ln.	40	2,693	Signal	52.8	3.0	III	34.8	A				
Wekiva Springs Ln. to SR 434	40	1,954	Signal	58.8	16.8	III	22.7	C	28.4	B		
TOTAL		21,806		481.8	58.2						30.9	0.144 gal/veh

TABLE C31.1b

Year 2014 Seminole County Travel Time & Delay Study

Wekiva Springs Road - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 434 to Wekiva Springs Ln.	40	1,954	Signal	36.6	0.0	III	36.4	A				
Wekiva Springs Ln. to E. Lake Brantley Rd.	40	2,693	Signal	100.2	17.4	III	18.3	C	23.2	C		
E. Lake Brantley Rd. to Sabal Club Way	40	1,478	Stop	28.2	0.0	III	35.7	A				
Sabal Club Way to Sabal Palm Dr.	35	1,795	Signal	46.8	0.0	III	26.2	B				
Sabel Palm Dr. to Fox Valley Dr.	35	898	Signal	19.8	1.2	III	30.9	A	30.0	B		
Fox Valley Dr. to Sweetwater Blvd.	35	3,960	Signal	82.2	3.6	III	32.8	A				
Sweetwater Blvd. to Riverbend Blvd.	35	211	Signal	7.2	1.2	III	20.0	C				
Riverbend Blvd. to Sweetwater Cove Blvd.	35	1,848	Stop	34.8	0.0	III	36.2	A				
Sweetwater Cove Blvd. to Hunt Club Blvd.	35	2,376	Signal	54.0	1.8	III	30.0	B	32.1	A		
Hunt Club Blvd. to Orange Co. Line	40	4,594	Stop	82.2	0.0	II	38.1	A	38.1	A		
TOTAL		21,806		492.0	25.2						30.2	0.143 gal/veh
PM PEAK HOUR												
SR 434 to Wekiva Springs Ln.	40	1,954	Signal	50.4	9.6	III	26.4	B				
Wekiva Springs Ln. to E. Lake Brantley Rd.	40	2,693	Signal	55.8	3.0	III	32.9	A	29.8	B		
E. Lake Brantley Rd. to Sabal Club Way	40	1,478	Stop	27.0	0.0	III	37.3	A				
Sabal Club Way to Sabal Palm Dr.	35	1,795	Signal	46.8	1.8	III	26.2	B				
Sabel Palm Dr. to Fox Valley Dr.	35	898	Signal	21.6	0.0	III	28.3	B	29.8	B		
Fox Valley Dr. to Sweetwater Blvd.	35	3,960	Signal	90.6	8.4	III	29.8	B				
Sweetwater Blvd. to Riverbend Blvd.	35	211	Signal	4.8	0.0	III	30.0	B				
Riverbend Blvd. to Sweetwater Cove Blvd.	35	1,848	Stop	35.4	0.0	III	35.6	A				
Sweetwater Cove Blvd. to Hunt Club Blvd.	35	2,376	Signal	66.0	14.4	III	24.5	B	29.1	B		
Hunt Club Blvd. to Orange Co. Line	40	4,594	Stop	82.2	0.0	II	38.1	A	38.1	A		
TOTAL		21,806		480.6	37.2						30.9	0.145 gal/veh

TABLE C32.1a

Year 2014 Seminole County Travel Time & Delay Study

Wymore Road - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Oranole Rd. to Lake Destiny Dr.	30	1,478	Signal	37.8	3.0	III	26.7	B				
Lake Destiny Dr. to Spring Lake Hills Rd.	35	739	Stop	17.4	0.0	III	29.0	B				
Spring Lake Hills Rd. to Spring Valley Dr.	35	4,066	Signal	83.4	0.0	III	33.2	A				
Spring Valley Dr. to Westmonte Dr.	35	1,003	Stop	23.4	0.0	III	29.2	B	30.7	A		
Westmonte Dr. to SR 436	35	1,109	Signal	106.8	46.8	III	7.1	F	7.1	F		
TOTAL		8,395		268.8	49.8						21.3	0.057 gal/veh
PM PEAK HOUR												
Oranole Rd. to Lake Destiny Dr.	30	1,478	Signal	57.6	18.0	III	17.5	D				
Lake Destiny Dr. to Spring Lake Hills Rd.	35	739	Stop	22.8	1.2	III	22.1	C				
Spring Lake Hills Rd. to Spring Valley Dr.	35	4,066	Signal	144.0	30.0	III	19.2	C				
Spring Valley Dr. to Westmonte Dr.	35	1,003	Stop	33.0	5.4	III	20.7	C	19.3	C		
Westmonte Dr. to SR 436	35	1,109	Signal	76.8	45.0	III	9.8	F	9.8	F		
TOTAL		8,395		334.2	99.6						17.1	0.062 gal/veh

TABLE C32.1b

Year 2014 Seminole County Travel Time & Delay Study

Wymore Road - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 436 to Westmonte Dr.	35	1,109	Stop	22.8	0.0	III	33.2	A	33.2	A		
Westmonte Dr. to Spring Valley Dr.	35	1,003	Signal	31.8	4.8	III	21.5	C				
Spring Valley Dr. to Spring Lake Hills Rd.	35	4,066	Stop	93.6	3.0	III	29.6	B				
Spring Lake Hills Rd. to Lake Destiny Dr.	35	739	Signal	32.4	10.2	III	15.6	D				
Lake Destiny Dr. to Oranole Rd.	30	1,478	Signal	58.8	19.2	III	17.1	D	22.9	C		
TOTAL		8,395		239.4	37.2						23.9	0.058 gal/veh
PM PEAK HOUR												
SR 436 to Westmonte Dr.	35	1,109	Stop	22.8	0.0	III	33.2	A	33.2	A		
Westmonte Dr. to Spring Valley Dr.	35	1,003	Signal	23.4	0.6	III	29.2	B				
Spring Valley Dr. to Spring Lake Hills Rd.	35	4,066	Stop	87.6	1.2	III	31.6	A				
Spring Lake Hills Rd. to Lake Destiny Dr.	35	739	Signal	43.2	22.8	III	11.7	E				
Lake Destiny Dr. to Oranole Rd.	30	1,478	Signal	54.0	9.0	III	18.7	C	23.9	C		
TOTAL		8,395		231.0	33.6						24.8	0.057 gal/veh

TABLE C33.1a

Year 2014 Seminole County Travel Time & Delay Study

Longwood Lake Mary Road - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
CR 427 to Greenway Blvd.	40	5,016	Signal	120.6	9.0	III	28.4	B	28.4	B		
Greenway Blvd. to Lake Mary H.S.	40	1,162	Signal	25.2	0.0	III	31.4	A				
Lake Mary H.S. to Lake Way Rd.	40	3,274	Signal	67.2	2.4	III	33.2	A				
Lake Way Rd. to Lake Mary Blvd.	40	3,907	Signal	114.0	15.0	III	23.4	C	27.6	B		
TOTAL		13,358		327.0	26.4						27.9	0.090 gal/veh
PM PEAK HOUR												
CR 427 to Green Way Blvd.	40	5,016	Signal	99.6	3.0	III	34.3	A	34.3	A		
Green Way Blvd. to Lake Mary H.S.	40	1,162	Signal	28.2	3.0	III	28.1	B				
Lake Mary H. S. to Lake Way Rd.	40	3,274	Signal	69.6	4.8	III	32.1	A				
Lake Way Rd. to Lake Mary Blvd.	40	3,907	Signal	209.4	107.4	III	12.7	E	18.5	C		
TOTAL		13,358		406.8	118.2						22.4	0.089 gal/veh

TABLE C33.1b

Year 2014 Seminole County Travel Time & Delay Study

Longwood Lake Mary Road - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Lake Mary Blvd. to Lake Way Rd.	40	3,907	Signal	105.0	15.0	**III**	25.4	B				
Lake Way Rd. to Lake Mary H.S.	40	3,274	Signal	78.0	3.6	**III**	28.6	B				
Lake Mary H.S. to Greenway Blvd.	40	1,162	Signal	32.4	8.4	**III**	24.4	B	26.4	B		
Green Way Blvd. to CR 427	40	5,016	Signal	106.2	3.6	**III**	32.2	A	32.2	A		
TOTAL		13,358		321.6	30.6						28.3	0.090 gal/veh
PM PEAK HOUR												
Lake Mary Blvd. to Lake Way Rd.	40	3,907	Signal	73.8	1.2	**III**	36.1	A				
Lake Way Rd. to Lake Mary H.S.	40	3,274	Signal	59.4	0.0	**III**	37.6	A				
Lake Mary H.S. to Greenway Blvd.	40	1,162	Signal	29.4	6.6	**III**	26.9	B	35.0	A		
Green Way Blvd. to CR 427	40	5,016	Signal	108.0	4.8	**III**	31.7	A	31.7	A		
TOTAL		13,358		270.6	12.6						33.7	0.089 gal/veh

TABLE C34.1a

Year 2014 Seminole County Travel Time & Delay Study

North Street - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Raymond Ave. to Country Club Dr.	35	3,062	Stop	66.6	0.0	III	31.4	A				
Country Club Dr. to Palm Springs Dr.	35	898	Signal	56.4	13.8	III	10.9	E				
Palm Springs Dr. to Seminole Ave.	35	3,749	4 Way Stop	90.0	4.8	III	28.4	B	24.7	B		
Seminole Ave. to Bennett Dr.	35	3,221	Signal	74.4	3.0	III	29.5	B				
Bennett Dr. to CR 427	35	1,954	Signal	90.6	16.2	III	14.7	D	21.4	C		
TOTAL		12,883		378.0	37.8						23.2	0.087 gal/veh
PM PEAK HOUR												
Raymond Ave. to Country Club Dr.	35	3,062	Stop	66.6	0.0	III	31.4	A				
Country Club Dr. to Palm Springs Dr.	35	898	Signal	58.8	33.6	III	10.4	E				
Palm Springs Dr. to Seminole Ave.	35	3,749	4 Way Stop	110.4	18.6	III	23.2	C	22.3	C		
Seminole Ave. to Bennett Dr.	35	3,221	Signal	86.4	11.4	III	25.4	B				
Bennett Dr. to CR 427	35	1,954	Signal	111.0	27.6	III	12.0	E	17.9	D		
TOTAL		12,883		433.2	91.2						20.3	0.089 gal/veh

TABLE C34.1b

Year 2014 Seminole County Travel Time & Delay Study

North Street - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
CR 427 to Bennett Dr.	35	1,954	Signal	60.0	10.8	**III**	22.2	C				
Bennett Dr. to Seminole Ave.	35	3,221	4 Way Stop	82.8	9.6	**III**	26.5	B	24.7	B		
Seminole Ave. to Palm Springs Dr.	35	3,749	Signal	97.8	13.2	**III**	26.1	B				
Palm Springs Dr. to Country Club Dr.	35	898	Stop	19.8	0.0	**III**	30.9	A				
Country Club Dr. to Raymond Ave.	35	3,062	Stop	76.2	4.8	**III**	27.4	B	27.1	B		
TOTAL		12,883		336.6	38.4						26.1	0.088 gal/veh
PM PEAK HOUR												
CR 427 to Bennett Dr.	35	1,954	Signal	70.8	18.0	**III**	18.8	C				
Bennett Dr. to Seminole Ave.	35	3,221	4 Way Stop	132.0	29.4	**III**	16.6	D	17.4	D		
Seminole Ave. to Palm Springs Dr.	35	3,749	Signal	95.4	10.2	**III**	26.8	B				
Palm Springs Dr. to Country Club Dr.	35	898	Stop	19.2	0.0	**III**	31.9	A				
Country Club Dr. to Raymond Ave.	35	3,062	Stop	72.0	3.6	**III**	29.0	B	28.2	B		
TOTAL		12,883		389.4	61.2						22.6	0.092 gal/veh

TABLE C35.1a

Year 2014 Seminole County Travel Time & Delay Study

Snow Hill Road - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
CR 419 to Medallion Pl.	45	5,016	Stop	94.2	0.0	II	36.3	A				
Medallion Pl. to Avenue H	45	1,584	Stop	23.4	0.0	II	46.2	A	38.3	A		
Avenue H to Kyle Ct.	45	2,904	Stop	46.8	3.0	II	42.3	A	42.3	A		
Kyle Ct. to Butterfly Forest Rd.	55	16,474	Stop	210.0	0.0	I	53.5	A	53.5	A		
Butterfly Forest Rd. to Old Mims Rd.	35	5,280	Stop	113.4	4.8	III	31.7	A				
Old Mims Rd. to CR 426	35	2,534	3 Way Stop	57.0	4.2	III	30.3	A	31.3	A		
TOTAL		33,792		544.8	12.0						42.3	0.218 gal/veh
PM PEAK HOUR												
CR 419 to Medallion Pl.	45	5,016	Stop	75.6	0.0	II	45.2	A				
Medallion Pl. to Avenue H	45	1,584	Stop	23.4	0.0	II	46.2	A	45.5	A		
Avenue H to Kyle Ct.	45	2,904	Stop	43.2	0.0	II	45.8	A	45.8	A		
Kyle Ct. to Butterfly Forest Rd.	55	16,474	Stop	205.8	0.0	I	54.6	A	54.6	A		
Butterfly Forest Rd. to Old Mims Rd.	35	5,280	Stop	103.2	1.8	III	34.9	A				
Old Mims Rd. to CR 426	35	2,534	3 Way Stop	52.2	1.2	III	33.1	A	34.3	A		
TOTAL		33,792		503.4	3.0						45.8	0.215 gal/veh

TABLE C35.1b

Year 2014 Seminole County Travel Time & Delay Study

Snow Hill Road - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
CR 426 to Old Mims Rd.	35	2,534	Stop	54.6	2.4	**III**	31.6	A				
Old Mims Rd. to Butterfly Forest Rd.	35	5,280	Stop	99.6	0.0	**III**	36.1	A	34.6	A		
Butterfly Forest Rd. to Kyle Ct.	55	16,474	Stop	204.6	0.0	**I**	54.9	A	54.9	A		
Kyle Ct. to Avenue H	45	2,904	Stop	43.8	0.0	**II**	45.2	A	45.2	A		
Avenue H to Medallion Pl.	45	1,584	Stop	24.6	0.0	**II**	43.9	A				
Medallion Pl. to CR 419	45	5,016	Signal	150.0	39.0	**II**	22.8	C	25.8	C		
TOTAL		33,792		577.2	41.4						39.9	0.217 gal/veh
PM PEAK HOUR												
CR 426 to Old Mims Rd.	35	2,534	Stop	54.0	0.0	**III**	32.0	A				
Old Mims Rd. to Butterfly Forest Rd.	35	5,280	Stop	96.0	0.0	**III**	37.5	A	35.5	A		
Butterfly Forest Rd. to Kyle Ct.	55	16,474	Stop	204.6	0.0	**I**	54.9	A	54.9	A		
Kyle Ct. to Avenue H	45	2,904	Stop	43.2	0.0	**II**	45.8	A	45.8	A		
Avenue H to Medallion Pl.	45	1,584	Stop	24.0	0.0	**II**	45.0	A				
Medallion Pl. to CR 419	45	5,016	Signal	118.2	11.4	**II**	28.9	B	31.6	B		
TOTAL		33,792		540.0	11.4						42.7	0.215 gal/veh

TABLE C36.1a

Year 2014 Seminole County Travel Time & Delay Study

13th Street/Celery Avenue - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
US 17/92 to Park St.	30	1,637	Signal	46.2	3.0	**IV**	24.2	B	24.2	B		
Park St. to Sanford Ave. S.	30	950	Signal	51.6	13.8	**IV**	12.6	D	12.6	D		
Sanford Ave. S. to Sanford Ave. N.	30	158	Signal	7.2	0.0	**IV**	15.0	C	15.0	C		
Sanford Ave. N. to Mellonville Ave.	35	2,957	Signal	84.6	12.0	**III**	23.8	C	23.8	C		
Mellonville Ave. to Beardall Ave.	35/45	10,507	Stop	197.4	0.0	**II**	36.3	A	36.3	A		
Beardall Ave. to SR 415	45/30	4,805	Signal	118.2	22.8	**II**	27.7	C	27.7	C		
TOTAL		21,014		505.2	51.6						28.4	0.142 gal/veh
PM PEAK HOUR												
US 17/92 to Park St.	30	1,637	Signal	45.0	3.6	**IV**	24.8	B	24.8	B		
Park St. to Sanford Ave. S.	30	950	Signal	57.0	28.2	**IV**	11.4	D	11.4	D		
Sanford Ave. S. to Sanford Ave. N.	30	158	Signal	7.2	0.0	**IV**	15.0	C	15.0	C		
Sanford Ave. N. to Mellonville Ave.	35	2,957	Signal	88.2	13.2	**III**	22.9	C	22.9	C		
Mellonville Ave. to Beardall Ave.	35/45	10,507	Stop	189.6	5.4	**II**	37.8	A	37.8	A		
Beardall Ave. to SR 415	45/30	4,805	Signal	118.8	30.6	**II**	27.6	C	27.6	C		
TOTAL		21,014		505.8	81.0						28.3	0.141 gal/veh

TABLE C36.1b

Year 2014 Seminole County Travel Time & Delay Study

13th Street/Celery Avenue - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 415 to Beardall Ave.	30/45	4,805	Stop	103.2	0.6	**II**	31.7	B	31.7	B		
Beardall Ave. to Mellonville Ave.	45/35	10,507	Signal	241.8	21.0	**II**	29.6	B	29.6	B		
Mellonville Ave. to Sanford Ave. N.	35	2,957	Signal	102.6	15.6	**III**	19.6	C	19.6	C		
Sanford Ave. N. to Sanford Ave. S.	30	158	Signal	6.6	0.0	**IV**	16.4	C	16.4	C		
Sanford Ave. S. to Park St.	30	950	Signal	27.0	0.0	**IV**	24.0	B	24.0	B		
Park St. to US 17/92	30	1,637	Signal	122.4	22.8	**IV**	9.1	D	9.1	D		
TOTAL		21,014		603.6	60.0						23.7	0.144 gal/veh
PM PEAK HOUR												
SR 415 to Beardall Ave.	30/45	4,805	Stop	97.8	0.0	**II**	33.5	B	33.5	B		
Beardall Ave. to Mellonville Ave.	45/35	10,507	Signal	213.6	19.8	**II**	33.5	B	33.5	B		
Mellonville Ave. to Sanford Ave. N.	35	2,957	Signal	98.4	12.6	**III**	20.5	C	20.5	C		
Sanford Ave. N. to Sanford Ave. S.	30	158	Signal	6.6	0.0	**IV**	16.4	C	16.4	C		
Sanford Ave. S. to Park St.	30	950	Signal	34.8	7.2	**IV**	18.6	C	18.6	C		
Park St. to US 17/92	30	1,637	Signal	105.0	60.6	**IV**	10.6	D	10.6	D		
TOTAL		21,014		556.2	100.2						25.8	0.141 gal/veh

TABLE C37.1a

Year 2014 Seminole County Travel Time & Delay Study

Bear Lake Road - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump
AM PEAK HOUR												
SR 414 to Don Mar St.	25	1,848	Stop	40.2	0.0	III	31.3	A				
Don Mar St. to Bear Lake Cir.	25	1,109	Stop	27.6	0.0	III	27.4	B				
Bear Lake Cir. To Cub Lake Dr.	25	634	Stop	16.2	0.0	III	26.7	B				
Cub Lake Dr. to Bunnell Rd.	25	1,320	Signal	40.2	10.8	III	22.4	C	27.0	B		
Bunnell Rd. to Holliday Ave.	25/35	845	Stop	18.0	0.0	III	32.0	A				
Holliday Ave. to McNeil Ave.	35	475	Stop	12.6	0.0	III	25.7	B	29.4	B		
McNeil Ave. to Curtis Dr.	35	1,954	Stop	43.2	0.0	III	30.8	A				
Curtis Dr. to Gleaves Ct.	35	1,690	Stop	36.6	0.0	III	31.5	A				
Gleaves Ct. to SR 436	35	1,109	Signal	100.2	47.4	III	7.5	F	18.0	D		
TOTAL		10,982		334.8	58.2						22.4	0.075 gal/veh
PM PEAK HOUR												
SR 414 to Don Mar St.	25	1,848	Stop	42.6	0.0	III	29.6	B				
Don Mar St. to Bear Lake Cir.	25	1,109	Stop	30.6	0.0	III	24.7	B				
Bear Lake Cir. To Cub Lake Dr.	25	634	Stop	17.4	0.0	III	24.8	B				
Cub Lake Dr. to Bunnell Rd.	25	1,320	Signal	32.4	2.4	III	27.8	B	27.2	B		
Bunnell Rd. to Holliday Ave.	25/35	845	Stop	17.4	0.0	III	33.1	A				
Holliday Ave. to McNeil Ave.	35	475	Stop	9.6	0.0	III	33.7	A	33.3	A		
McNeil Ave. to Curtis Dr.	35	1,954	Stop	40.2	0.0	III	33.1	A				
Curtis Dr. to Gleaves Ct.	35	1,690	Stop	33.6	0.0	III	34.3	A				
Gleaves Ct. to SR 436	35	1,109	Signal	79.2	36.6	III	9.5	F	21.2	C		
TOTAL		10,982		303.0	39.0						24.7	0.074 gal/veh

TABLE C37.1b

Year 2014 Seminole County Travel Time & Delay Study

Bear Lake Road - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump
AM PEAK HOUR												
SR 436 to Gleaves Ct.	35	1,109	Stop	28.8	0.0	III	26.2	B				
Gleaves Ct. to Curtis Dr.	35	1,690	Stop	36.0	0.0	III	32.0	A				
Curtis Dr. to McNeil Ave.	35	1,954	Stop	44.4	0.0	III	30.0	B	29.7	B		
McNeil Ave. to Holliday Ave.	35	475	Stop	12.6	0.0	III	25.7	B				
Holliday Ave. to Bunnell Rd.	35	845	Signal	25.8	3.6	III	22.3	C	23.4	C		
Bunnell Rd. to Cub Lake Dr.	35/25	1,320	Stop	30.6	0.0	III	29.4	B				
Cub Lake Dr. to Bear Lake Cir.	25	634	Stop	16.2	0.0	III	26.7	B				
Bear Lake Cir. to Don Mar St.	25	1,109	Stop	27.0	0.0	III	28.0	B				
Don Mar St. to SR 414	25	1,848	Signal	99.0	53.4	III	12.7	E	19.4	C		
TOTAL		10,982		320.4	57.0						23.4	0.075 gal/veh
PM PEAK HOUR												
SR 436 to Gleaves Ct.	35	1,109	Stop	22.8	0.0	III	33.2	A				
Gleaves Ct. to Curtis Dr.	35	1,690	Stop	33.6	0.0	III	34.3	A				
Curtis Dr. to McNeil Ave.	35	1,954	Stop	40.2	0.0	III	33.1	A	33.5	A		
McNeil Ave. to Holliday Ave.	35	475	Stop	10.2	0.0	III	31.8	A				
Holliday Ave. to Bunnell Rd.	35	845	Signal	16.8	0.0	III	34.3	A	33.3	A		
Bunnell Rd. to Cub Lake Dr.	35/25	1,320	Stop	28.8	0.0	III	31.2	A				
Cub Lake Dr. to Bear Lake Cir.	25	634	Stop	18.0	0.0	III	24.0	C				
Bear Lake Cir. to Don Mar St.	25	1,109	Stop	30.0	0.0	III	25.2	B				
Don Mar St. to SR 414	25	1,848	Signal	99.6	54.6	III	12.7	E	19.0	C		
TOTAL		10,982		300.0	54.6						25.0	0.074 gal/veh

TABLE C38.1a

Year 2014 Seminole County Travel Time & Delay Study

Bunnell Road - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Bear Lake Rd. to Eden Park Rd.	35	2,640	Signal	67.8	9.6	**III**	26.5	B	26.5	B		
Eden Park Rd. to Country Club Pkwy.	35	2,006	Signal	40.2	0.0	**III**	34.0	A				
Country Club Pkwy. to Pearl Lake Cswy.	35	1,003	Signal	48.6	12.6	**III**	14.1	D				
Pearl Lake Cswy. to Sunshine Ln.	35	792	Signal	20.4	1.2	**III**	26.5	B				
Sunshine Ln. to W. Town Pkwy.	35	1,056	Signal	29.4	4.2	**III**	24.5	B	23.9	C		
TOTAL		7,498		206.4	27.6						24.8	0.051 gal/veh
PM PEAK HOUR												
Bear Lake Rd. to Eden Park Rd.	35	2,640	Signal	75.6	13.2	**III**	23.8	C	23.8	C		
Eden Park Rd. to Country Club Pkwy.	35	2,006	Signal	40.8	0.0	**III**	33.5	A				
Country Club Pkwy. to Pearl Lake Cswy.	35	1,003	Signal	38.4	10.8	**III**	17.8	D				
Pearl Lake Cswy. to Sunshine Ln.	35	792	Signal	27.6	6.6	**III**	19.6	C				
Sunshine Ln. to W. Town Pkwy.	35	1,056	Signal	40.8	16.2	**III**	17.6	D	22.4	C		
TOTAL		7,498		223.2	46.8						22.9	0.051 gal/veh

TABLE C38.1b

Year 2014 Seminole County Travel Time & Delay Study

Bunnell Road - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
W. Town Pkwy. to Sunshine Ln.	35	1,056	Signal	25.2	0.6	III	28.6	B				
Sunshine Ln. to Pearl Lake Cswy.	35	792	Signal	31.2	11.4	III	17.3	D				
Pearl Lake Cswy. to Country Club Pkwy.	35	1,003	Signal	24.0	1.2	III	28.5	B				
Country Club Pkwy. to Eden Park Rd.	35	2,006	Signal	54.0	11.4	III	25.3	B	24.6	B		
Eden Park Rd. to Bear Lake Rd.	35	2,640	Signal	60.0	4.2	III	30.0	B	30.0	B		
TOTAL		7,498		194.4	28.8						26.3	0.050 gal/veh
PM PEAK HOUR												
W. Town Pkwy. to Sunshine Ln.	35	1,056	Signal	29.4	3.0	III	24.5	B				
Sunshine Ln. to Pearl Lake Cswy.	35	792	Signal	31.8	10.8	III	17.0	D				
Pearl Lake Cswy. to Country Club Pkwy.	35	1,003	Signal	23.4	0.6	III	29.2	B				
Country Club Pkwy. to Eden Park Rd.	35	2,006	Signal	42.0	1.2	III	32.6	A	26.2	B		
Eden Park Rd. to Bear Lake Rd.	35	2,640	Signal	73.8	9.6	III	24.4	B	24.4	B		
TOTAL		7,498		200.4	25.2						25.5	0.050 gal/veh

TABLE C39.1a

Year 2014 Seminole County Travel Time & Delay Study

CR 431 - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
CR 46A to Markham Rd.	40	2,270	Signal	42.0	0.0	II	36.9	A	36.9	A		
Markham Rd. to Wilson Rd.	40	2,957	Stop	54.6	0.0	II	36.9	A				
Wilson Rd. to Wayside Dr.	40	2,693	Flashing Signal	59.4	1.8	II	30.9	B				
Wayside Dr. to SR 46	40	1,320	Signal	94.8	31.2	II	9.5	F	22.8	C		
SR 46 to Oregon St.	35	11,088	Stop	235.2	0.0	III	32.1	A	32.1	A		
Oregon St. to I-4	35	4,699	Stop	103.2	0.0	III	31.0	A	31.0	A		
I-4 to CR 15	35	845	Signal	21.0	1.2	III	27.4	B	27.4	B		
TOTAL		25,872		610.2	34.2						28.9	0.173 gal/veh
PM PEAK HOUR												
CR 46A to Markham Rd.	40	2,270	Signal	41.4	0.0	II	37.4	A	37.4	A		
Markham Rd. to Wilson Rd.	40	2,957	Stop	52.8	0.0	II	38.2	A				
Wilson Rd. to Wayside Dr.	40	2,693	Flashing Signal	47.4	0.0	II	38.7	A				
Wayside Dr. to SR 46	40	1,320	Signal	109.2	37.8	II	8.2	F	22.7	C		
SR 46 to Oregon St.	35	11,088	Stop	232.2	0.0	III	32.6	A	32.6	A		
Oregon St. to I-4	35	4,699	Stop	96.6	0.0	III	33.2	A	33.2	A		
I-4 to CR 15	35	845	Signal	20.4	1.8	III	28.2	B	28.2	B		
TOTAL		25,872		600.0	39.6						29.4	0.171 gal/veh

TABLE C39.1b

Year 2014 Seminole County Travel Time & Delay Study

CR 431 - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
CR 15 to I-4	35	845	Stop	18.0	0.0	III	32.0	A	32.0	A		
I-4 to Oregon St.	35	4,699	Stop	96.0	0.0	III	33.4	A	33.4	A		
Oregon St. to SR 46	35	11,088	Signal	257.4	9.0	III	29.4	B	29.4	B		
SR 46 to Wayside Dr.	40	1,320	Flashing Signal	28.2	0.6	II	31.9	B				
Wayside Dr. to Wilson Rd.	40	2,693	Stop	56.4	0.0	II	32.6	B				
Wilson Rd. to Markham Rd.	40	2,957	Signal	54.6	0.0	II	36.9	A	34.1	B		
Markham Rd. to CR 46A	40	2,270	Signal	132.6	52.8	II	11.7	F	11.7	F		
TOTAL		25,872		643.2	62.4						27.4	0.177 gal/veh
PM PEAK HOUR												
CR 15 to I-4	35	845	Stop	18.0	0.0	III	32.0	A	32.0	A		
I-4 to Oregon St.	35	4,699	Stop	95.4	0.0	III	33.6	A	33.6	A		
Oregon St. to SR 46	35	11,088	Signal	287.4	34.2	III	26.3	B	26.3	B		
SR 46 to Wayside Dr.	40	1,320	Flashing Signal	25.2	0.0	II	35.7	A				
Wayside Dr. to Wilson Rd.	40	2,693	Stop	47.4	0.0	II	38.7	A				
Wilson Rd. to Markham Rd.	40	2,957	Signal	52.8	0.0	II	38.2	A	37.9	A		
Markham Rd. to CR 46A	40	2,270	Signal	51.0	6.6	II	30.4	B	30.4	B		
TOTAL		25,872		577.2	40.8						30.6	0.171 gal/veh

TABLE C40.1a
Year 2014 Seminole County Travel Time & Delay Study
Dike Road - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Howell Branch Rd. to Dodd Rd.	35	10,190	Signal	253.8	28.8	**III**	27.4	B				
Dodd Rd. to Tuskawilla Rd.	35	4,066	Signal	136.8	22.2	**III**	20.3	C	24.9	B		
TOTAL		14,256		390.6	51.0						24.9	0.095 gal/veh
PM PEAK HOUR												
Howell Branch Rd. to Dodd Rd.	35	10,190	Signal	261.6	53.4	**III**	26.6	B				
Dodd Rd. to Tuskawilla Rd.	35	4,066	Signal	133.2	45.6	**III**	20.8	C	24.6	B		
TOTAL		14,256		394.8	99.0						24.6	0.094 gal/veh

TABLE C40.1b
Year 2014 Seminole County Travel Time & Delay Study
Dike Road - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Tuskawilla Rd. to Dodd Rd.	35	4,066	Signal	96.6	9.0	III	28.7	B				
Dodd Rd. to Howell Branch Rd.	35	10,190	Signal	255.6	46.8	III	27.2	B	27.6	B		
TOTAL		14,256		352.2	55.8						27.6	0.095 gal/veh
PM PEAK HOUR												
Tuskawilla Rd. to Dodd Rd.	35	4,066	Signal	124.8	25.8	III	22.2	C				
Dodd Rd. to Howell Branch Rd.	35	10,190	Signal	242.4	31.8	III	28.7	B	26.5	B		
TOTAL		14,256		367.2	57.6						26.5	0.094 gal/veh

TABLE C41.1a
Year 2014 Seminole County Travel Time & Delay Study
Eden Park Road - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 414 to Cub Lake Dr.	40	3,274	Stop	60.0	0	**II**	37.2	A	37.2	A		
Cub Lake Dr. to Bunnell Rd.	40	1,320	Signal	29.4	4.2	**II**	30.6	B	30.6	B		
TOTAL		4,594		89.4	4.2						35.0	0.030 gal/veh
PM PEAK HOUR												
SR 414 to Cub Lake Dr.	40	3,274	Stop	59.4	0	**II**	37.6	A	37.6	A		
Cub Lake Dr. to Bunnell Rd.	40	1,320	Signal	37.8	12	**II**	23.8	C	23.8	C		
TOTAL		4,594		97.2	12.0						32.2	0.030 gal/veh

TABLE C41.1b
Year 2014 Seminole County Travel Time & Delay Study
Eden Park Road - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Bunnell Rd. to Cub Lake Dr.	40	1,320	Stop	25.8	0.0	**II**	34.9	B	34.9	B		
Cub Lake Dr. to SR 414	40	3,274	Signal	148.2	58.8	**II**	15.1	E	15.1	E		
TOTAL		4,594		174.0	58.8						18.0	0.030 gal/veh
PM PEAK HOUR												
Bunnell Rd. to Cub Lake Dr.	40	1,320	Stop	25.8	0.0	**II**	34.9	B	34.9	B		
Cub Lake Dr. to SR 414	40	3,274	Signal	169.8	15.0	**II**	13.1	E	13.1	E		
TOTAL		4,594		195.6	15.0						16.0	0.030 gal/veh

TABLE C42.1a
Year 2014 Seminole County Travel Time & Delay Study
EE Williamson Road/Longwood Hills Road - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Markham Woods Rd. to Sunshine Tree Blvd.	35	1,109	Stop	25.2	0.0	III	30.0	B				
Sunshine Tree Blvd. to I-4	35	739	Stop	15.6	0.0	III	32.3	A				
I-4 to Foxridge Run Rd.	35	950	Stop	18.6	0.0	III	34.8	A				
Foxridge Run Rd. to Tollgate Trail	35	792	Stop	16.2	0.0	III	33.3	A	32.4	A		
Tollgate Trail to Woodlands Elementary	35	475	Stop	9.0	0.0	III	36.0	A				
Woodlands Elementary to Marcy Blvd.	35	739	Stop	23.4	1.8	III	21.5	C				
Marcy Blvd. to Myrtle Lake Hills Rd.	35	475	Signal	13.2	0.0	III	24.5	B				
Myrtle Lake Hills Rd. to Rangeline Rd.	35	1,795	Signal	78.6	31.2	III	15.6	D	19.1	C		
Range Line Rd. to Lake Emma Road	35	1,267	Signal	42.6	10.2	III	20.3	C	20.3	C		
Lake Emma Road to Hearthstone Lane	35	898	Stop	18.6	0.0	III	32.9	A				
Hearthstone Lane to Lazy Acres Lane	35/30	2,482	Stop	57.0	0.0	III	29.7	B				
Lazy Acres Lane to CR 427	30	2,270	Signal	110.4	45.0	IV	14.0	C	20.7	B		
TOTAL		13,992		428.4	88.2						22.3	0.096 gal/veh
PM PEAK HOUR												
Markham Woods Rd. to Sunshine Tree Blvd.	35	1,109	Stop	23.4	0.0	III	32.3	A				
Sunshine Tree Blvd. to I-4	35	739	Stop	15.0	0.0	III	33.6	A				
I-4 to Foxridge Run Rd.	35	950	Stop	18.0	0.0	III	36.0	A				
Foxridge Run Rd. to Tollgate Trail	35	792	Stop	16.2	0.0	III	33.3	A	33.7	A		
Tollgate Trail to Woodlands Elementary	35	475	Stop	13.2	3.0	III	24.5	B				
Woodlands Elementary to Marcy Blvd.	35	739	Stop	20.4	1.8	III	24.7	B				
Marcy Blvd. to Myrtle Lake Hills Rd.	35	475	Signal	10.8	0.0	III	30.0	B				
Myrtle Lake Hills Rd. to Rangeline Rd.	35	1,795	Signal	72.6	18.6	III	16.9	D	20.3	C		
Range Line Rd. to Lake Emma Road	35	1,267	Signal	34.8	6.0	III	24.8	B	24.8	B		
Lake Emma Road to Hearthstone Lane	35	898	Stop	18.6	0.0	III	32.9	A				
Hearthstone Lane to Lazy Acres Lane	35/30	2,482	Stop	57.6	0.0	III	29.4	B				
Lazy Acres Lane to CR 427	30	2,270	Signal	70.8	4.8	IV	21.9	B	26.2	A		
TOTAL		13,992		371.4	34.2						25.7	0.095 gal/veh

TABLE C42.1b
Year 2014 Seminole County Travel Time & Delay Study
EE Williamson Road/Longwood Hills Road - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
CR 427 to Lazy Acres Lane	30	2,270	Stop	59.4	3.6	**IV**	26.1	A				
Lazy Acres Lane to Hearthstone Lane	30/35	2,482	Stop	55.8	0.0	**III**	30.3	A				
Hearthstone Lane to Lake Emma Road	35	898	Signal	33.6	3.0	**III**	18.2	C	25.9	B		
Lake Emma Road to Rangeline Road	35	1,267	Signal	30.6	0.0	**III**	28.2	B	28.2	B		
Range Line Road to Myrtle Lake Hills Rd.	35	1,795	Signal	44.4	2.4	**III**	27.6	B				
Myrtle Lake Hills Rd. to Marcy Blvd.	35	475	Stop	22.2	6.0	**III**	14.6	D				
Marcy Blvd. to Woodlands Elementary	35	739	Stop	29.4	5.4	**III**	17.1	D				
Woodlands Elementary to Tollgate Trail	35	475	Stop	11.4	0.0	**III**	28.4	B	22.1	C		
Tollgate Trail to Foxridge Run Rd.	35	792	Stop	16.8	0.0	**III**	32.1	A				
Foxridge Run Rd. to I-4	35	950	Stop	19.2	0.0	**III**	33.7	A				
I-4 to Sunshine Tree Blvd.	35	739	Stop	16.2	0.0	**III**	31.1	A				
Sunshine Tree Blvd.to Markham Woods Rd.	35	1,109	Signal	42.0	17.4	**III**	18.0	D	26.0	B		
TOTAL		13,992		381.0	37.8						25.0	0.096 gal/veh
PM PEAK HOUR												
CR 427 to Lazy Acres Lane	30	2,270	Stop	53.4	0.0	**IV**	29.0	A				
Lazy Acres Lane to Hearthstone Lane	30/35	2,482	Stop	55.2	0.0	**III**	30.7	A				
Hearthstone Lane to Lake Emma Road	35	898	Signal	51.0	27.6	**III**	12.0	E	24.1	B		
Lake Emma Road to Rangeline Road	35	1,267	Signal	37.8	6.6	**III**	22.9	C	22.9	C		
Range Line Road to Myrtle Lake Hills Rd.	35	1,795	Signal	38.4	0.0	**III**	31.9	A				
Myrtle Lake Hills Rd. to Marcy Blvd.	35	475	Stop	11.4	0.6	**III**	28.4	B				
Marcy Blvd. to Woodlands Elementary	35	739	Stop	17.4	0.0	**III**	29.0	B				
Woodlands Elementary to Tollgate Trail	35	475	Stop	9.0	0.0	**III**	36.0	A	31.2	A		
Tollgate Trail to Foxridge Run Rd.	35	792	Stop	15.6	0.0	**III**	34.6	A				
Foxridge Run Rd. to I-4	35	950	Stop	19.2	0.0	**III**	33.7	A				
I-4 to Sunshine Tree Blvd.	35	739	Stop	15.6	0.0	**III**	32.3	A				
Sunshine Tree Blvd.to Markham Woods Rd.	35	1,109	Signal	33.6	9.6	**III**	22.5	C	29.1	B		
TOTAL		13,992		357.6	44.4						26.7	0.095 gal/veh

TABLE C43.1a
Year 2014 Seminole County Travel Time & Delay Study
Greenway Boulevard - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Lake Emma Rd. to Lake Park Dr.	30	5,650	Signal	145.8	9.6	**III**	26.4	B	26.4	B		
Lake Park Dr. to Longwood Lake Mary Rd.	30	2,534	Signal	81.0	19.2	**III**	21.3	C	21.3	C		
TOTAL		8,184		226.8	28.8						24.6	0.057 gal/veh
PM PEAK HOUR												
Lake Emma Rd. to Lake Park Dr.	30	5,650	Signal	148.8	7.8	**III**	25.9	B	25.9	B		
Lake Park Dr. to Longwood Lake Mary Rd.	30	2,534	Signal	70.8	9.0	**III**	24.4	B	24.4	B		
TOTAL		8,184		219.6	16.8						25.4	0.057 gal/veh

TABLE C43.1b
Year 2014 Seminole County Travel Time & Delay Study
Greenway Boulevard - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Longwood Lake Mary Rd. to Lake Park Dr.	30	2,534	Signal	82.2	7.2	**III**	21.0	C	21.0	C		
Lake Park Dr. to Lake Emma Rd.	30	5,650	Signal	148.8	16.2	**III**	25.9	B	25.9	B		
TOTAL		8,184		231.0	23.4						24.2	0.056 gal/veh
PM PEAK HOUR												
Longwood Lake Mary Rd. to Lake Park Dr.	30	2,534	Signal	81.6	14.4	**III**	21.2	C	21.2	C		
Lake Park Dr. to Lake Emma Rd.	30	5,650	Signal	175.8	25.2	**III**	21.9	C	21.9	C		
TOTAL		8,184		257.4	39.6						21.7	0.057 gal/veh

TABLE C44.1a

Year 2014 Seminole County Travel Time & Delay Study

Greenwood Boulevard - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Lake Emma Rd. to Lake Way Rd.	35	5,438	Signal	121.8	6.0	III	30.4	A	30.4	A		
Lake Way Rd. to Sun Dr.	35	2,218	Signal	46.2	0.0	III	32.7	A				
Sun Dr. to Lake Mary Blvd.	35	1,267	Signal	64.8	23.4	III	13.3	E	21.4	C		
TOTAL		8,923		232.8	29.4						26.1	0.060 gal/veh
PM PEAK HOUR												
Lake Emma Rd. to Lake Way Rd.	35	5,438	Signal	123.0	11.4	III	30.1	A	30.1	A		
Lake Way Rd. to Sun Dr.	35	2,218	Signal	44.4	0.0	III	34.1	A				
Sun Dr. to Lake Mary Blvd.	35	1,267	Signal	118.2	88.2	III	7.3	F	14.6	D		
TOTAL		8,923		285.6	99.6						21.3	0.059 gal/veh

TABLE C44.1b

Year 2014 Seminole County Travel Time & Delay Study

Greenwood Boulevard - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Lake Mary Blvd. to Sun Dr.	35	1,267	Signal	27.6	1.2	III	31.3	A				
Sun Dr. to Lake Way Rd.	35	2,218	Signal	46.8	2.4	III	32.3	A	31.9	A		
Lake Way Rd. to Lake Emma Rd.	35	5,438	Signal	161.4	43.2	III	23.0	C	23.0	C		
TOTAL		8,923		235.8	46.8						25.8	0.060 gal/veh
PM PEAK HOUR												
Lake Mary Blvd. to Sun Dr.	35	1,267	Signal	32.4	1.2	III	26.7	B				
Sun Dr. to Lake Way Rd.	35	2,218	Signal	51.6	6.0	III	29.3	B	28.3	B		
Lake Way Rd. to Lake Emma Rd.	35	5,438	Signal	193.2	66.6	III	19.2	C	19.2	C		
TOTAL		8,923		277.2	73.8						21.9	0.060 gal/veh

TABLE C45.1a

Year 2014 Seminole County Travel Time & Delay Study

E Lake Brantley Drive - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 434 to Wekiva Springs Rd.	30	3,062	Signal	121.8	32.4	**IV**	17.1	C	17.1	C		
TOTAL		3,062		121.8	32.4						17.1	0.021 gal/veh
PM PEAK HOUR												
SR 434 to Wekiva Springs Rd.	30	3,062	Signal	116.4	16.2	**IV**	17.9	C	17.9	C		
TOTAL		3,062		116.4	16.2						17.9	0.021 gal/veh

TABLE C45.1b
Year 2014 Seminole County Travel Time & Delay Study
E Lake Brantley Drive - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Wekiva Springs Rd. to SR 434	30	3,062	Signal	129.0	40.8	**IV**	16.2	C	16.2	C		
TOTAL		3,062		129.0	40.8						16.2	0.021 gal/veh
PM PEAK HOUR												
Wekiva Springs Rd. to SR 434	30	3,062	Signal	139.8	34.8	**IV**	14.9	C	14.9	C		
TOTAL		3,062		139.8	34.8						14.9	0.021 gal/veh

TABLE C46.1a
Year 2014 Seminole County Travel Time & Delay Study
W Lake Brantley Road - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 436 to Citrus Rd./Ohio Ave.	35	3,485	Stop	69.0	0.0	**III**	34.4	A				
Citrus Rd./Ohio Ave. to Sand Lake Rd.	35	1,320	Signal	50.4	18.0	**III**	17.9	D	27.4	B		
Total		4,805		119.4	18.0						27.4	0.032 gal/veh
PM PEAK HOUR												
SR 436 to Citrus Rd./Ohio Ave.	35	3,485	Stop	69.0	0.0	**III**	34.4	A				
Citrus Rd./Ohio Ave. to Sand Lake Rd.	35	1,320	Signal	50.4	22.8	**III**	17.9	D	27.4	B		
Total		4,805		119.4	22.8						27.4	0.032 gal/veh

TABLE C46.1b
Year 2014 Seminole County Travel Time & Delay Study
W Lake Brantley Road - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Sand Lake Rd to Citrus Rd./Ohio Ave.	35	1,320	Stop	27.6	0.0	III	32.6	A				
Citrus Rd./Ohio Ave. to SR 436	35	3,485	Signal	126.0	22.2	III	18.9	C	21.3	C		
TOTAL		4,805		153.6	22.2						21.3	0.032 gal/veh
PM PEAK HOUR												
Sand Lake Rd to Citrus Rd./Ohio Ave.	35	1,320	Stop	28.8	0.0	III	31.2	A				
Citrus Rd./Ohio Ave. to SR 436	35	3,485	Signal	126.0	45.6	III	18.9	C	21.2	C		
TOTAL		4,805		154.8	45.6						21.2	0.032 gal/veh

TABLE C47.1a

Year 2014 Seminole County Travel Time & Delay Study

Lake of the Woods Boulevard - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
US 17/92 to Oxford Rd.	30	2,798	Signal	86.4	14.4	**IV**	22.1	B	22.1	B		
TOTAL		2,798		86.4	14.4						22.1	0.019 gal/veh
PM PEAK HOUR												
US 17/92 to Oxford Rd.	30	2,798	Signal	94.8	13.8	**IV**	20.1	B	20.1	B		
TOTAL		2,798		94.8	13.8						20.1	0.020 gal/veh

TABLE C47.1b

Year 2014 Seminole County Travel Time & Delay Study

Lake of the Woods Boulevard - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Oxford Rd. to US 17/92	30	2,798	Signal	133.8	39.0	**IV**	14.3	C	14.3	C		
TOTAL		2,798		133.8	39.0						14.3	0.020 gal/veh
PM PEAK HOUR												
Oxford Rd. to US 17/92	30	2,798	Signal	186.6	66.6	**IV**	10.2	D	10.2	D		
TOTAL		2,798		186.6	66.6						10.2	0.020 gal/veh

TABLE C48.1a

Year 2014 Seminole County Travel Time & Delay Study

Lake Park Drive - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Greenway Blvd. to Lake Way Rd.	30	4,118	Signal	114.6	10.8	**IV**	24.5	B	24.5	B		
TOTAL		4,118		114.6	10.8						24.5	0.029 gal/veh
PM PEAK HOUR												
Greenway Blvd. to Lake Way Rd.	30	4,118	Signal	109.2	5.4	**IV**	25.7	A	25.7	A		
TOTAL		4,118		109.2	5.4						25.7	0.029 gal/veh

TABLE C48.1b
Year 2014 Seminole County Travel Time & Delay Study
Lake Park Drive - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Lake Way Rd. to Greenway Blvd.	30	4,118	Signal	147.0	40.8	**IV**	19.1	B	19.1	B		
TOTAL		4,118		147.0	40.8						19.1	0.029 gal/veh
PM PEAK HOUR												
Lake Way Rd. to Greenway Blvd.	30	4,118	Signal	126.6	12.0	**IV**	22.2	B	22.2	B		
TOTAL		4,118		126.6	12.0						22.2	0.029 gal/veh

TABLE C49.1a
Year 2014 Seminole County Travel Time & Delay Study
Lake Way Road - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Greenwood Blvd. to Lake Park Dr.	30	1,901	Signal	54.6	6.6	**IV**	23.7	B				
Lake Park Dr. to Longwood Lake Mary Rd.	30	1,584	Signal	52.2	11.4	**IV**	20.7	B	22.2	B		
TOTAL		3,485		106.8	18.0						22.2	0.024 gal/veh
PM PEAK HOUR												
Greenwood Blvd. to Lake Park Dr.	30	1,901	Signal	71.4	19.8	**IV**	18.2	C				
Lake Park Dr. to Longwood Lake Mary Rd.	30	1,584	Signal	70.8	20.4	**IV**	15.3	C	16.7	C		
TOTAL		3,485		142.2	40.2						16.7	0.025 gal/veh

TABLE C49.1b
Year 2014 Seminole County Travel Time & Delay Study
Lake Way Road - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Longwood Lake Mary Rd. to Lake Park Dr.	30	1,584	Signal	49.8	9.0	**IV**	21.7	B				
Lake Park Dr. to Greenwood Blvd.	30	1,901	Signal	59.4	13.2	**IV**	21.8	B	21.8	B		
TOTAL		3,485		109.2	22.2						21.8	0.024 gal/veh
PM PEAK HOUR												
Longwood Lake Mary Rd. to Lake Park Dr.	30	1,584	Signal	53.4	6.6	**IV**	20.2	B				
Lake Park Dr. to Greenwood Blvd.	30	1,901	Signal	93.6	39.6	**IV**	13.8	C	16.2	C		
TOTAL		3,485		147.0	46.2						16.2	0.024 gal/veh

TABLE C50.1a
Year 2014 Seminole County Travel Time & Delay Study
Longwood Markham Road - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Markham Rd. to Via Hermosa St.	40	2,957	Stop	53.4	0.0	II	37.8	A	37.8	A		
Via Hermosa St. to Steeplechase Cir. S	40	2,904	Stop	50.4	0.0	II	39.3	A	39.3	A		
Steeplechase Cir. S to SR 46	40	2,165	Signal	94.2	31.2	II	15.7	E	15.7	E		
TOTAL		8,026		198.0	31.2						27.6	0.053 gal/veh
PM PEAK HOUR												
Markham Rd. to Via Hermosa St.	40	2,957	Stop	53.4	0.0	II	37.8	A	37.8	A		
Via Hermosa St. to Steeplechase Cir. S	40	2,904	Stop	50.4	0.0	II	39.3	A	39.3	A		
Steeplechase Cir. S to SR 46	40	2,165	Signal	86.4	36.0	II	17.1	D	17.1	D		
TOTAL		8,026		190.2	36.0						28.8	0.053 gal/veh

TABLE C50.1b
Year 2014 Seminole County Travel Time & Delay Study
Longwood Markham Road - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 46 to Steeplechase Cir. S	40	2,165	Stop	39.0	0.0	II	37.8	A	37.8	A		
Steeplechase Cir. S to Via Hermosa St.	40	2,904	Stop	50.4	0.0	II	39.3	A	39.3	A		
Via Hermosa St. to Markham Rd.	40	2,957	Stop	60.0	3.0	II	33.6	B	33.6	B		
TOTAL		8,026		149.4	3.0						36.6	0.053 gal/veh
PM PEAK HOUR												
SR 46 to Steeplechase Cir. S	40	2,165	Stop	39.0	0.0	II	37.8	A	37.8	A		
Steeplechase Cir. S to Via Hermosa St.	40	2,904	Stop	51.0	0.0	II	38.8	A	38.8	A		
Via Hermosa St. to Markham Rd.	40	2,957	Stop	60.6	3.6	II	33.3	B	33.3	B		
TOTAL		8,026		150.6	3.6						36.3	0.053 gal/veh

TABLE C51.1a
Year 2014 Seminole County Travel Time & Delay Study
Markham Road - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Longwood Markham Rd. to Lake Markham Rd.	40	4,646	Stop	85.2	0.0	II	37.2	A	37.2	A		
Lake Markham Rd. to Markham Woods Rd.	40	1,954	Stop	33.6	0.0	II	39.6	A	39.6	A		
Markham Woods Rd. to CR 431	40	7,286	Stop	146.4	13.2	II	33.9	B	33.9	B		
TOTAL		13,886		265.2	13.2						35.7	0.091 gal/veh
PM PEAK HOUR												
Longwood Markham Rd. to Lake Markham Rd.	40	4,646	Stop	85.2	0.0	II	37.2	A	37.2	A		
Lake Markham Rd. to Markham Woods Rd.	40	1,954	Stop	34.2	0.0	II	38.9	A	38.9	A		
Markham Woods Rd. to CR 431	40	7,286	Stop	190.8	51.6	II	26.0	C	26.0	C		
TOTAL		13,886		310.2	51.6						30.5	0.091 gal/veh

TABLE C51.1b
Year 2014 Seminole County Travel Time & Delay Study
Markham Road - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
CR 431 to Markham Woods Rd.	40	7,286	Stop	138.0	1.8	II	36.0	A	36.0	A		
Markham Woods Rd. to Lake Markham Rd.	40	1,954	Stop	34.2	0.0	II	38.9	A	38.9	A		
Lake Markham Rd. to Longwood Markham Rd.	40	4,646	Stop	87.0	1.2	II	36.4	A	36.4	A		
TOTAL		13,886		259.2	3.0						36.5	0.091 gal/veh
PM PEAK HOUR												
CR 431 to Markham Woods Rd.	40	7,286	Stop	134.4	0.0	II	37.0	A	37.0	A		
Markham Woods Rd. to Lake Markham Rd.	40	1,954	Stop	33.6	0.0	II	39.6	A	39.6	A		
Lake Markham Rd. to Longwood Markham Rd.	40	4,646	Stop	86.4	1.2	II	36.7	A	36.7	A		
TOTAL		13,886		254.4	1.2						37.2	0.091 gal/veh

TABLE C52.1a

Year 2014 Seminole County Travel Time & Delay Study

Old Lake Mary Road - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
CR 15 to Palmetto St.	25	1,373	Stop	69.0	17.4	**IV**	13.6	C				
Palmetto St. to Wilbur Ave.	25	634	Stop	14.4	0.0	**IV**	30.0	A	16.4	C		
Wilbur Ave. to Pedigo Pt.	45	3,221	Stop	53.4	0.0	**II**	41.1	A				
Pedigo Pt. to Casa Verde Blvd.	45	5,227	Stop	95.4	6.6	**II**	37.4	A	38.7	A		
Casa Verde Blvd. to Airport Blvd.	45/35	1,267	Signal	60.0	21.0	**III**	14.4	D				
Airport Blvd. to CR 46A	35	2,851	Signal	91.8	17.4	**III**	21.2	C	18.5	C		
CR 46A to Country Club Rd.	35	845	Stop	28.8	5.4	**III**	20.0	C	20.0	C		
TOTAL		15,418		412.8	67.8						25.5	0.104 gal/veh
PM PEAK HOUR												
CR 15 to Palmetto St.	25	1,373	Stop	38.4	0.0	**IV**	24.4	B				
Palmetto St. to Wilbur Ave.	25	634	Stop	13.2	0.0	**IV**	32.7	A	26.5	A		
Wilbur Ave. to Pedigo Pt.	45	3,221	Stop	52.2	0.0	**II**	42.1	A				
Pedigo Pt. to Casa Verde Blvd.	45	5,227	Stop	87.0	0.6	**II**	41.0	A	41.4	A		
Casa Verde Blvd. to Airport Blvd.	45/35	1,267	Signal	66.0	18.0	**III**	13.1	E				
Airport Blvd. to CR 46A	35	2,851	Signal	107.4	26.4	**III**	18.1	C	16.2	D		
CR 46A to Country Club Rd.	35	845	Stop	27.6	6.0	**III**	20.9	C	20.9	C		
TOTAL		15,418		391.8	51.0						26.8	0.103 gal/veh

Note: Road name is E. Crystal Lake Ave. from CR 15 to Palmetto St.

TABLE C52.1b

Year 2014 Seminole County Travel Time & Delay Study

Old Lake Mary Road - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Country Club Rd. to CR 46A	35	845	Signal	63.6	28.8	**III**	9.1	F	9.1	F		
CR 46A to Airport Blvd.	35	2,851	Signal	92.4	15.6	**III**	21.0	C				
Airport Blvd. to Casa Verde Blvd.	35/45	1,267	Stop	24.6	0.0	**III**	35.1	A	24.0	C		
Casa Verde Blvd. to Pedigo Pt.	45	5,227	Stop	88.2	0.6	**II**	40.4	A				
Pedigo Pt. to Wilbur Ave.	45	3,221	Stop	55.2	0.0	**II**	39.8	A	40.2	A		
Wilbur Ave. to Palmetto St.	25	634	Stop	16.8	0.0	**IV**	25.7	A				
Palmetto St. to CR 15	25	1,373	Signal	91.8	45.6	**IV**	10.2	D	12.6	D		
TOTAL		15,418		432.6	90.6						24.3	0.105 gal/veh
PM PEAK HOUR												
Country Club Rd. to CR 46A	35	845	Signal	109.2	57.0	**III**	5.3	F	5.3	F		
CR 46A to Airport Blvd.	35	2,851	Signal	102.0	25.8	**III**	19.1	C				
Airport Blvd. to Casa Verde Blvd.	35/45	1,267	Stop	23.4	0.0	**III**	36.9	A	22.4	C		
Casa Verde Blvd. to Pedigo Pt.	45	5,227	Stop	83.4	0.0	**II**	42.7	A				
Pedigo Pt. to Wilbur Ave.	45	3,221	Stop	51.6	0.0	**II**	42.6	A	42.7	A		
Wilbur Ave. to Palmetto St.	25	634	Stop	15.0	0.0	**IV**	28.8	A				
Palmetto St. to CR 15	25	1,373	Signal	116.4	75.0	**IV**	8.0	E	10.4	D		
TOTAL		15,418		501.0	157.8						21.0	0.104 gal/veh

Note: Road name is E. Crystal Lake Ave. from CR 15 to Palmetto St.

TABLE C53.1a
Year 2014 Seminole County Travel Time & Delay Study
Old Lockwood Road - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
McCulloch Rd. to Lockwood Blvd.	35	7,339	Stop	156.6	3.0	**III**	32.0	A	32.0	A		
TOTAL		7,339		156.6	3.0						32.0	0.049 gal/veh
PM PEAK HOUR												
McCulloch Rd. to Lockwood Blvd.	35	7,339	Stop	159.0	6.0	**III**	31.5	A	31.5	A		
TOTAL		7,339		159.0	6.0						31.5	0.049 gal/veh

TABLE C53.1b
Year 2014 Seminole County Travel Time & Delay Study
Old Lockwood Road - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Lockwood Blvd. to McCulloch Rd.	35	7,339	Signal	194.4	16.2	**III**	25.7	B	25.7	B		
TOTAL		7,339		194.4	16.2						25.7	0.049 gal/veh
PM PEAK HOUR												
Lockwood Blvd. to McCulloch Rd.	35	7,339	Signal	183.0	10.2	**III**	27.3	B	27.3	B		
TOTAL		7,339		183.0	10.2						27.3	0.049 gal/veh

TABLE C54.1a

Year 2014 Seminole County Travel Time & Delay Study

Orange Avenue - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 434 to Laurel St.	35	1,320	Signal	32.4	3.0	**IV**	27.8	A	27.8	A		
Laurel St. to W. Town Pkwy.	35	1,214	Signal	26.4	0.0	**IV**	31.4	A	31.4	A		
W. Town Pkwy. to SR 436	35	686	Signal	40.2	19.8	**IV**	11.6	D	11.6	D		
TOTAL		3,221		99.0	22.8						22.2	0.023 gal/veh
PM PEAK HOUR												
SR 434 to Laurel St.	35	1,320	Signal	41.4	9.0	**IV**	21.7	B	21.7	B		
Laurel St. to W. Town Pkwy.	35	1,214	Signal	27.6	1.8	**IV**	30.0	A	30.0	A		
W. Town Pkwy. to SR 436	35	686	Signal	27.6	8.4	**IV**	17.0	C	17.0	C		
TOTAL		3,221		96.6	19.2						22.7	0.022 gal/veh

TABLE C54.1b

Year 2014 Seminole County Travel Time & Delay Study

Orange Avenue - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 436 to W. Town Pkwy.	35	686	Signal	21.0	0.6	**IV**	22.3	B	22.3	B		
W. Town Pkwy. to Laurel St.	35	1,214	Signal	30.6	3.0	**IV**	27.1	A	27.1	A		
Laurel St. to SR 434	35	1,320	Signal	106.8	50.4	**IV**	8.4	E	8.4	E		
TOTAL		3,221		158.4	54.0						13.9	0.022 gal/veh
PM PEAK HOUR												
SR 436 to W. Town Pkwy.	35	686	Signal	19.2	0.0	**IV**	24.4	B	24.4	B		
W. Town Pkwy. to Laurel St.	35	1,214	Signal	37.2	6.0	**IV**	22.3	B	22.3	B		
Laurel St. to SR 434	35	1,320	Stop	87.6	16.8	**IV**	10.3	D	10.3	D		
TOTAL		3,221		144.0	22.8						15.2	0.023 gal/veh

TABLE C55.1a
Year 2014 Seminole County Travel Time & Delay Study
Oranole Road - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Wymore Rd. to Mt. Vernon Pkwy.	30	3,960	Stop	110.4	3.0	**IV**	24.5	B				
Mt. Vernon Pkwy. to Maitland Ave.	30	3,907	Signal	123.6	22.2	**IV**	21.6	B	22.9	B		
TOTAL		7,867		234.0	25.2						22.9	0.056 gal/veh
PM PEAK HOUR												
Wymore Rd. to Mt. Vernon Pkwy.	30	3,960	Stop	127.2	16.2	**IV**	21.2	B				
Mt. Vernon Pkwy. to Maitland Ave.	30	3,907	Signal	106.2	8.4	**IV**	25.1	A	23.0	B		
TOTAL		7,867		233.4	24.6						23.0	0.057 gal/veh

TABLE C55.1b
Year 2014 Seminole County Travel Time & Delay Study
Oranole Road - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Maitland Ave. to Mt. Vernon Pkwy.	30	3,907	Stop	123.0	11.4	**IV**	21.7	B				
Mt. Vernon Pkwy. to Wymore Rd.	30	3,960	Signal	138.6	34.8	**IV**	19.5	B	20.5	B		
TOTAL		7,867		261.6	46.2						20.5	0.057 gal/veh
PM PEAK HOUR												
Maitland Ave. to Mt. Vernon Pkwy.	30	3,907	Stop	104.4	3.6	**IV**	25.5	A				
Mt. Vernon Pkwy. to Wymore Rd.	30	3,960	Signal	136.2	24.0	**IV**	19.8	B	22.3	B		
TOTAL		7,867		240.6	27.6						22.3	0.056 gal/veh

TABLE C56.1a

Year 2014 Seminole County Travel Time & Delay Study

Oxford Road - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Derbyshire Rd. to Lake of the Woods Blvd.	25	3,854	Signal	150.0	10.8	**IV**	17.5	C	17.5	C		
Lake of the Woods Blvd. to Fernwood Blvd.	25	2,112	Signal	69.0	6.0	**IV**	20.9	B	20.9	B		
Fernwood Blvd. to SR 436	25	1,214	Signal	91.8	26.4	**IV**	9.0	D	9.0	D		
TOTAL		7,181		310.8	43.2						15.8	0.052 gal/veh
PM PEAK HOUR												
Derbyshire Rd. to Lake of the Woods Blvd.	25	3,854	Signal	142.8	6.0	**IV**	18.4	C	18.4	C		
Lake of the Woods Blvd. to Fernwood Blvd.	25	2,112	Signal	75.6	9.6	**IV**	19.0	B	19.0	B		
Fernwood Blvd. to SR 436	25	1,214	Signal	106.2	66.0	**IV**	7.8	E	7.8	E		
TOTAL		7,181		324.6	81.6						15.1	0.055 gal/veh

TABLE C56.1b

Year 2014 Seminole County Travel Time & Delay Study

Oxford Road - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 436 to Fernwood Blvd.	25	1,214	Signal	40.8	4.8	**IV**	20.3	B	20.3	B		
Fernwood Blvd. to Lake of the Woods Blvd.	25	2,112	Signal	84.6	19.2	**IV**	17.0	C	17.0	C		
Lake of the Woods Blvd. to Derbyshire Rd.	25	3,854	Stop	120.6	3.0	**IV**	21.8	B	21.8	B		
TOTAL		7,181		246.0	27.0						19.9	0.052 gal/veh
PM PEAK HOUR												
SR 436 to Fernwood Blvd.	25	1,214	Signal	52.2	10.2	**IV**	15.9	C	15.9	C		
Fernwood Blvd. to Lake of the Woods Blvd.	25	2,112	Signal	80.4	13.8	**IV**	17.9	C	17.9	C		
Lake of the Woods Blvd. to Derbyshire Rd.	25	3,854	Stop	134.4	10.8	**IV**	19.6	B	19.6	B		
TOTAL		7,181		267.0	34.8						18.3	0.054 gal/veh

TABLE C57.1a
Year 2014 Seminole County Travel Time & Delay Study
Pearl Lake Causeway - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Bunnell Rd. to N/S Pearl Lake Cswy.	30	2,429	Stop	61.2	0.0	**IV**	27.1	A	27.1	A		
N/S Pearl Lake Cswy. to SR 436	30	1,742	Signal	84.0	43.2	**IV**	14.1	C	14.1	C		
TOTAL		4,171		145.2	43.2						19.6	0.029 gal/veh
PM PEAK HOUR												
Bunnell Rd. to N/S Pearl Lake Cswy.	30	2,429	Stop	60.0	0.0	**IV**	27.6	A	27.6	A		
N/S Pearl Lake Cswy. to SR 436	30	1,742	Signal	93.0	42.6	**IV**	12.8	D	12.8	D		
TOTAL		4,171		153.0	42.6						18.6	0.029 gal/veh

TABLE C57.1b
Year 2014 Seminole County Travel Time & Delay Study
Pearl Lake Causeway - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 436 to N/S Pearl Lake Cswy.	30	1,742	Stop	38.4	0.0	**IV**	30.9	A	30.9	A		
N/S Pearl Lake Cswy. To Bunnell Rd.	30	2,429	Signal	71.4	10.2	**IV**	23.2	B	23.2	B		
TOTAL		4,171		109.8	10.2						25.9	0.029 gal/veh
PM PEAK HOUR												
SR 436 to N/S Pearl Lake Cswy.	30	1,742	Stop	39.6	0.0	**IV**	30.0	A	30.0	A		
N/S Pearl Lake Cswy. To Bunnell Rd.	30	2,429	Signal	98.4	21.0	**IV**	16.8	C	16.8	C		
TOTAL		4,171		138.0	21.0						20.6	0.029 gal/veh

TABLE C58.1a

Year 2014 Seminole County Travel Time & Delay Study

Rangeline Road - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 434 to Devonshire Blvd.*	35	2,482	Stop	63.0	3.0	**IV**	26.9	A				
Devonshire Blvd. to Church Ave.	35	1,478	Stop	42.0	4.8	**IV**	24.0	B				
Church Ave. to Loch Lomond Ave.	25	792	Stop	32.4	5.4	**IV**	16.7	C				
Loch Lomond Ave. to EE Williamson Rd.	25	792	Signal	52.8	13.8	**IV**	10.2	D	19.9	B		
TOTAL		5,544		190.2	27.0						19.9	0.040 gal/veh
PM PEAK HOUR												
SR 434 to Devonshire Blvd.*	35	2,482	Stop	75.0	9.6	**IV**	22.6	B				
Devonshire Blvd. to Church Ave.	35	1,478	Stop	45.6	4.8	**IV**	22.1	B				
Church Ave. to Loch Lomond Ave.	25	792	Stop	42.6	10.8	**IV**	12.7	D				
Loch Lomond Ave. to EE Williamson Rd.	25	792	Signal	57.6	10.8	**IV**	9.4	D	17.1	C		
TOTAL		5,544		220.8	36.0						17.1	0.042 gal/veh

* Construction in progress on SR 434 at the intersection of SR 434 and Rangeline Rd (Financial Project ID: 240233-3-52-01) which may have skewed the LOS for the segments.

TABLE C58.1b

Year 2014 Seminole County Travel Time & Delay Study

Rangeline Road - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
EE Williamson Rd. to Loch Lomond Ave.	25	792	Stop	38.4	7.8	**IV**	14.1	C				
Loch Lomond Ave. to Church Ave.	35	792	Stop	28.8	3.0	**IV**	18.7	C				
Church Ave. to Devonshire Blvd.	35	1,478	Stop	41.4	3.0	**IV**	24.3	B				
Devonshire Blvd. to SR 434*	35	2,482	Signal	124.2	27.0	**IV**	13.6	C	16.2	C		
TOTAL		5,544		232.8	40.8						16.2	0.040 gal/veh
PM PEAK HOUR												
EE Williamson Rd. to Loch Lomond Ave.	25	792	Stop	39.0	9.6	**IV**	13.8	C				
Loch Lomond Ave. to Church Ave.	35	792	Stop	31.2	4.2	**IV**	17.3	C				
Church Ave. to Devonshire Blvd.	35	1,478	Stop	48.0	7.2	**IV**	21.0	B				
Devonshire Blvd. to SR 434*	35	2,482	Signal	166.2	78.6	**IV**	10.2	D	13.3	C		
TOTAL		5,544		284.4	99.6						13.3	0.042 gal/veh

* Construction in progress on SR 434 at the intersection of SR 434 and Rangeline Rd (Financial Project ID: 240233-3-52-01) which may have skewed the LOS for the segments.

TABLE C59.1a
Year 2014 Seminole County Travel Time & Delay Study
Raymond Ave - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
North St. to SR 434*	30	3,062	Signal	128.4	37.2	**IV**	16.3	C	16.3	C		
TOTAL		3,062		128.4	37.2						16.3	0.021 gal/veh
PM PEAK HOUR												
North St. to SR 434*	30	3,062	Signal	202.2	112.8	**IV**	10.3	D	10.3	D		
TOTAL		3,062		202.2	112.8						10.3	0.022 gal/veh

* Construction in progress on SR 434 at the intersection of SR 434 and Raymond Ave (Financial Project ID: 240233-3-52-01) which may have skewed the LOS for the segments.

TABLE C59.1b
Year 2014 Seminole County Travel Time & Delay Study
Raymond Ave - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 434 to North St.*	30	3,062	Stop	78.0	3.0	**IV**	26.8	A	26.8	A		
TOTAL		3,062		78.0	3.0						26.8	0.021 gal/veh
PM PEAK HOUR												
SR 434 to North St.*	30	3,062	Stop	77.4	1.8	**IV**	27.0	A	27.0	A		
TOTAL		3,062		77.4	1.8						27.0	0.021 gal/veh

* Construction in progress on SR 434 at the intersection of SR 434 and Raymond Ave (Financial Project ID: 240233-3-52-01) which may have skewed the LOS for the segments.

TABLE C60.1a
Year 2014 Seminole County Travel Time & Delay Study
Slavia Road - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Red Bug Lake Rd. to Summer Club Dr.	45	1,637	Stop	40.2	0.0	II	27.8	C				
Summer Club Dr to SR 426	45	3,062	Signal	201.6	63.6	II	10.4	F	13.3	E		
Total		4,699		241.8	63.6						13.3	0.033 gal/veh
PM PEAK HOUR												
Red Bug Lake Rd. to Summer Club Dr.	45	1,637	Stop	36.6	0.0	II	30.5	B				
Summer Club Dr to SR 426	45	3,062	Signal	126.6	48.6	II	16.5	E	19.6	D		
Total		4,699		163.2	48.6						19.6	0.032 gal/veh

TABLE C60.1b
Year 2014 Seminole County Travel Time & Delay Study
Slavia Road - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 426 to Summer Club Dr.	45	3,062	Stop	84.0	4.8	II	24.9	C				
Summer Club Dr. to Red Bug Lake Rd.	45	1,637	Signal	112.8	51.0	II	9.9	F	16.3	E		
TOTAL		4,699		196.8	55.8						16.3	0.033 gal/veh
PM PEAK HOUR												
SR 426 to Summer Club Dr.	45	3,062	Stop	62.4	0.0	II	33.5	B				
Summer Club Dr. to Red Bug Lake Rd.	45	1,637	Signal	72.6	30.0	II	15.4	E	23.7	C		
TOTAL		4,699		135.0	30.0						23.7	0.032 gal/veh

TABLE C61.1a

Year 2014 Seminole County Travel Time & Delay Study

Tangerine Avenue - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Citrus Ave. to Timber Dr.	25	1,531	4 Way Stop	60.0	4.2	**IV**	17.4	C				
Timber Dr. to Betty St.	25	106	Stop	4.2	0.0	**IV**	17.1	C				
Betty St. to Howell Branch Rd.	25	3,379	Signal	138.6	8.4	**IV**	16.6	C	16.9	C		
TOTAL		5,016		202.8	12.6						16.9	0.039 gal/veh
PM PEAK HOUR												
Citrus Ave. to Timber Dr.	25	1,531	4 Way Stop	56.4	2.4	**IV**	18.5	C				
Timber Dr. to Betty St.	25	106	Stop	4.2	0.0	**IV**	17.1	C				
Betty St. to Howell Branch Rd.	25	3,379	Signal	162.6	35.4	**IV**	14.2	C	15.3	C		
TOTAL		5,016		223.2	37.8						15.3	0.038 gal/veh

TABLE C61.1b

Year 2014 Seminole County Travel Time & Delay Study

Tangerine Avenue - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Howell Branch Rd. to Betty St.	25	3,379	4 Way Stop	121.2	4.2	**IV**	19.0	B				
Betty St. to Timber Dr.	25	106	Stop	3.6	0.0	**IV**	20.0	B				
Timber Dr. to Citrus Ave.	25	1,531	4 Way Stop	57.0	4.2	**IV**	18.3	C	18.8	C		
TOTAL		5,016		181.8	8.4						18.8	0.039 gal/veh
PM PEAK HOUR												
Howell Branch Rd. to Betty St.	25	3,379	4 Way Stop	117.6	4.8	**IV**	19.6	B				
Betty St. to Timber Dr.	25	106	Stop	3.6	0.0	**IV**	20.0	B				
Timber Dr. to Citrus Ave.	25	1,531	4 Way Stop	54.0	1.2	**IV**	19.3	B	19.5	B		
TOTAL		5,016		175.2	6.0						19.5	0.038 gal/veh

TABLE C62.1a

Year 2014 Seminole County Travel Time & Delay Study

Towne Center Boulevard - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Rinehart Rd. to S. Mall Entrance	35	2,218	Signal	49.2	1.8	III	30.7	A				
S. Mall Entrance to St. Johns Pkwy.	35	2,798	Signal	57.0	0.0	III	33.5	A				
St. Johns Pkwy. To N. Mall Entrance	35	686	Signal	15.6	1.2	III	30.0	B				
N. Mall Entrance to SR 46	35	1,426	Signal	91.2	30.6	III	10.7	E	22.8	C		
TOTAL		7,128		213.0	33.6						22.8	0.048 gal/veh
PM PEAK HOUR												
Rinehart Rd. to S. Mall Entrance	35	2,218	Signal	71.4	18.0	III	21.2	C				
S. Mall Entrance to St. Johns Pkwy.	35	2,798	Signal	57.6	0.6	III	33.1	A				
St. Johns Pkwy. To N. Mall Entrance	35	686	Signal	16.8	1.8	III	27.9	B				
N. Mall Entrance to SR 46	35	1,426	Signal	78.6	30.6	III	12.4	E	21.7	C		
TOTAL		7,128		224.4	51.0						21.7	0.049 gal/veh

TABLE C62.1b

Year 2014 Seminole County Travel Time & Delay Study

Towne Center Boulevard - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 46 to N. Mall Entrance	35	1,426	Signal	37.2	1.8	III	26.1	B				
N. Mall Entrance to St. Johns Pkwy.	35	686	Signal	18.6	1.8	III	25.2	B				
St. Johns Pkwy. to S. Mall Entrance.	35	2,798	Signal	61.8	1.2	III	30.9	A				
S. Mall Entrance. to Rinehart Rd.	35	2,218	Signal	70.2	21.0	III	21.5	C	25.9	B		
TOTAL		7,128		187.8	25.8						25.9	0.048 gal/veh
PM PEAK HOUR												
SR 46 to N. Mall Entrance	35	1,426	Signal	40.8	4.2	III	23.8	C				
N. Mall Entrance to St. Johns Pkwy.	35	686	Signal	25.8	10.2	III	18.1	C				
St. Johns Pkwy. to S. Mall Entrance.	35	2,798	Signal	87.6	18.6	III	21.8	C				
S. Mall Entrance. to Rinehart Rd.	35	2,218	Signal	114.0	45.0	III	13.3	E	18.1	C		
TOTAL		7,128		268.2	78.0						18.1	0.049 gal/veh

TABLE C63.1a

Year 2014 Seminole County Travel Time & Delay Study

W Town Parkway - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Bunnell Rd. to Shopping Plaza	35	581	Signal	19.2	4.2	**IV**	20.6	B				
Shopping Plaza to SR 434	35	634	Signal	100.8	51.0	**IV**	4.3	F	6.9	F		
SR 434 to Laurel St.	35	1,373	4-Way Stop	40.8	6.0	**IV**	22.9	B				
Laurel St. to Orange Ave.	35	1,848	Signal	60.6	18.6	**IV**	20.8	B	21.7	B		
TOTAL		4,435		221.4	79.8						13.7	0.032 gal/veh
PM PEAK HOUR												
Bunnell Rd. to Shopping Plaza	35	581	Signal	19.8	5.4	**IV**	20.0	B				
Shopping Plaza to SR 434	35	634	Signal	72.6	43.8	**IV**	6.0	F	9.0	E		
SR 434 to Laurel St.	35	1,373	4-Way Stop	42.6	6.0	**IV**	22.0	B				
Laurel St. to Orange Ave.	35	1,848	Signal	63.6	20.4	**IV**	19.8	B	20.7	B		
TOTAL		4,435		198.6	75.6						15.2	0.032 gal/veh

TABLE C63.1b

Year 2014 Seminole County Travel Time & Delay Study

W Town Parkway - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Orange Ave. to Laurel St.	35	1,848	4-Way Stop	47.4	3.0	**IV**	26.6	A				
Laurel St. to SR 434	35	1,373	Signal	101.4	51.0	**IV**	9.2	D	14.8	C		
SR 434 to Shopping Plaza	35	634	Signal	24.0	6.6	**IV**	18.0	C				
Shopping Plaza to Bunnell Rd.	35	581	Signal	11.4	0.0	**IV**	34.7	A	23.4	B		
TOTAL		4,435		184.2	60.6						16.4	0.031 gal/veh
PM PEAK HOUR												
Orange Ave. to Laurel St.	35	1,848	4-Way Stop	50.4	4.2	**IV**	25.0	B				
Laurel St. to SR 434	35	1,373	Signal	123.6	75.6	**IV**	7.6	E	12.6	D		
SR 434 to Shopping Plaza	35	634	Signal	31.8	13.2	**IV**	13.6	C				
Shopping Plaza to Bunnell Rd.	35	581	Signal	12.0	0.0	**IV**	33.0	A	18.9	C		
TOTAL		4,435		217.8	93.0						13.9	0.032 gal/veh

TABLE C64.1a

Year 2014 Seminole County Travel Time & Delay Study

Winter Park Drive - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Red Bug Lake Rd. to Wilshire Dr.	30	1,848	Signal	55.2	6.6	**IV**	22.8	B				
Wilshire Dr. to Queens Mirror Cir.	30	3,749	Signal	87.0	0.0	**IV**	29.4	A				
Queens Mirror Cir. to Crystal Bowl Cir.	30	1,478	Signal	99.0	31.2	**IV**	10.2	D				
Crystal Bowl Cir. to Seminola Blvd.	30	4,066	Signal	161.4	45.6	**IV**	17.2	C	18.9	C		
Seminola Blvd. to SR 434*	25	8,870	Signal	281.4	20.4	**IV**	21.5	B	21.5	B		
TOTAL		20,011		684.0	103.8						19.9	0.140 gal/veh
PM PEAK HOUR												
Red Bug Lake Rd. to Wilshire Dr.	30	1,848	Signal	57.0	9.0	**IV**	22.1	B				
Wilshire Dr. to Queens Mirror Cir.	30	3,749	Signal	91.8	4.2	**IV**	27.8	A				
Queens Mirror Cir. to Crystal Bowl Cir.	30	1,478	Signal	58.2	17.4	**IV**	17.3	C				
Crystal Bowl Cir. to Seminola Blvd.	30	4,066	Signal	137.4	35.4	**IV**	20.2	B	22.1	B		
Seminola Blvd. to SR 434*	25	8,870	Signal	303.0	57.0	**IV**	20.0	B	20.0	B		
TOTAL		20,011		647.4	123.0						21.1	0.139 gal/veh

* Construction in progress on Red Bug Lake Rd at the intersection of Winter Park Dr (Project ID: 00226301) which may have skewed the LOS for the segments.

TABLE C64.1b

Year 2014 Seminole County Travel Time & Delay Study

Winter Park Drive - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 434 to Seminola Blvd.	25	8,870	Signal	348.6	43.8	**IV**	17.3	C	17.3	C		
Seminola Blvd. to Wilshire Dr.	30	4,066	Signal	105.6	9.6	**IV**	26.2	A				
Wilshire Dr. to Queens Mirror Cir.	30	1,478	Signal	64.2	4.2	**IV**	15.7	C				
Queens Mirror Cir. to Crystal Bowl Cir.	30	3,749	Signal	94.8	5.4	**IV**	27.0	A				
Crystal Bowl Cir. to Red Bug Lake Rd.*	30	1,848	Signal	92.4	20.4	**IV**	13.6	C	21.3	B		
TOTAL		20,011		705.6	83.4						19.3	0.140 gal/veh
PM PEAK HOUR												
SR 434 to Seminola Blvd.	25	8,870	Signal	305.4	55.8	**IV**	19.8	B	19.8	B		
Seminola Blvd. to Wilshire Dr.	30	4,066	Signal	99.0	0.6	**IV**	28.0	A				
Wilshire Dr. to Queens Mirror Cir.	30	1,478	Signal	41.4	4.2	**IV**	24.3	B				
Queens Mirror Cir. to Crystal Bowl Cir.	30	3,749	Signal	90.6	1.8	**IV**	28.2	A				
Crystal Bowl Cir. to Red Bug Lake Rd.*	30	1,848	Signal	118.8	50.4	**IV**	10.6	D	21.7	B		
TOTAL		20,011		655.2	112.8						20.8	0.139 gal/veh

* Construction in progress on Red Bug Lake Rd at the intersection of Winter Park Dr (Project ID: 00226301) which may have skewed the LOS for the segments.

TABLE C65.1a

Year 2014 Seminole County Travel Time & Delay Study

Derbyshire Road - Eastbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
Spartan Dr. to Birchwood Dr.	20	634	Stop	24.0	0.0	**IV**	18.0	C	18.0	C		
Birchwood Dr. to Derbyshire Rd.	20	1,267	Stop	43.2	0.0	**IV**	20.0	B				
Derbyshire Rd. to Oxford Rd.	25	3,115	Stop	113.4	4.2	**IV**	18.7	C				
Oxford Rd to Kewannee Tr.	25	2,798	Stop	108.6	5.4	**IV**	17.6	C				
Kewannee Tr. to SR 436	25	4,435	Signal	148.8	18.6	**IV**	20.3	B	19.1	B		
TOTAL		12,250		438.0	28.2						19.1	0.093 gal/veh
PM PEAK HOUR												
Spartan Dr. to Birchwood Dr.	20	634	Stop	22.2	0.0	**IV**	19.5	B	19.5	B		
Birchwood Dr. to Derbyshire Rd.	20	1,267	Stop	39.6	0.0	**IV**	21.8	B				
Derbyshire Rd. to Oxford Rd.	25	3,115	Stop	108.0	3.0	**IV**	19.7	B				
Oxford Rd to Kewannee Tr.	25	2,798	Stop	109.2	4.8	**IV**	17.5	C				
Kewannee Tr. to SR 436	25	4,435	Signal	151.2	25.2	**IV**	20.0	B	19.4	B		
TOTAL		12,250		430.2	33.0						19.4	0.092 gal/veh

TABLE C65.1b

Year 2014 Seminole County Travel Time & Delay Study

Derbyshire Road - Westbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment Average Speed (mph)	Roadway Segment Average Speed LOS	Roadway Section Average Speed (mph)	Roadway Section Average Speed LOS	Roadway Summary Avg. Speed (mph)	Roadway Summary Avg. Fuel Consump.
AM PEAK HOUR												
SR 436 to Kewanee Tr.	25	4,435	Stop	141.6	6.0	**IV**	21.4	B				
Kewanee Tr. to Oxford Rd.	25	2,798	Stop	108.0	4.2	**IV**	17.7	C				
Oxford Rd. to Derbyshire Rd.	25	3,115	Stop	103.2	3.6	**IV**	20.6	B				
Derbyshire Rd. to Birchwood Dr.	20	1,267	Stop	43.8	0.6	**IV**	19.7	B	20.0	B		
Birchwood Dr. to Spartan Dr.	20	634	Stop	28.2	5.4	**IV**	15.3	C	15.3	C		
TOTAL		12,250		424.8	19.8						19.7	0.092 gal/veh
PM PEAK HOUR												
SR 436 to Kewanee Tr.	25	4,435	Stop	137.4	4.2	**IV**	22.0	B				
Kewanee Tr. to Oxford Rd.	25	2,798	Stop	109.8	4.2	**IV**	17.4	C				
Oxford Rd. to Derbyshire Rd.	25	3,115	Stop	105.0	4.2	**IV**	20.2	B				
Derbyshire Rd. to Birchwood Dr.	20	1,267	Stop	43.8	0.0	**IV**	19.7	B	20.0	B		
Birchwood Dr. to Spartan Dr.	20	634	Stop	28.2	5.4	**IV**	15.3	C	15.3	C		
TOTAL		12,250		424.2	18.0						19.7	0.092 gal/veh

APPENDIX C

Historical Summary of State Roads

APPENDIX C: HISTORICAL SUMMARY OF STATE ROADS

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S1.2a: SR 46 (Part A & B) WB AM Summary…….……...…….……...C-3
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S2.1a: SR 419 NB Summary…….....……...…… C-5
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S3.2a: SR 434 (Part A, B, C) WB AM Summary….....……...…… C-8
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TABLE S1.1a
Year 2014 Seminole County Travel Time & Delay Study
SR 46 (Parts A & B) - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS
AM PEAK HOUR																	
Lake County Line to Longwood Markham Rd.	0.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Longwood Markham Rd. to Lake Markham Rd.****	1.08	-	-	-	-	-	-	-	-	-	-	-	-	54.8	A	-	-
Lake Markham Rd. to Wayside Dr.*****	1.19	-	-	-	-	-	-	-	-	-	-	-	-	47.2	A		
Wayside Dr. to Orange Blvd.	0.31	-	-	-	-	-	-	-	-	-	-	-	-	20.1	E	43.8	A
Orange Blvd. to Lake Forest Blvd.	0.68	42.3	A	42.3	A	46.9	A	46.9	A	34.2	B	34.2	B	36.3	B	36.3	B
Lake Forest Blvd. to International Pkwy.	0.24	28.9	C			34.5	B			43.2	A			22.7	D		
International Pkwy. to Wayside Dr.	0.39	33.7	C	31.7	C	38.0	B	36.5	B	38.8	B	40.4	B	38.6	B	30.4	C
Wayside Dr. to Oregon Ave.	0.13																
Oregon Ave. to I-4 (W. Ramps)	0.02	18.2	E			13.1	F			14.7	F			22.9	D		
I-4 (W. Ramps) to I-4 (E. Ramps)	0.13	16.6	E			14.7	F			13.7	F			17.5	E		
I-4 (E. Ramps) to Town Center Blvd.	0.16	38.4	B			24.9	D			34.3	B			24.2	D		
Town Center Blvd. to Rinehart Rd.	0.19	38.3	B	25.2	D	36.0	B	19.7	E	13.5	F	16.5	E	20.5	E	21.2	D
Rinehart Rd. to Elder Rd.	0.26																
Elder Rd. to Upsala Rd./CR 15	0.25	37.9	B	37.9	B	31.1	C	31.1	C	37.5	B	37.5	B	37.3	B	37.3	B
Upsala Rd./CR 15 to Central Park Dr.**	0.49	47.8	A			46.3	A			48.5	A			40.4	B		
Central Park Dr. to Cedar Rd.***																	
Cedar Rd. to Kennel Rd.	0.25	54.5	A			52.9	A			51.6	A			51.8	A		
Kennel Rd. to Rand Yard Rd./MLK Jr. Blvd.	0.50	55.2	A			54.0	A			53.0	A			34.3	B		
Rand Yard Rd./MLK Jr. Blvd. to Airport Blvd.	0.26	32.2	C	46.9	A	19.3	E	39.5	B	20.2	E	40.7	B	35.8	B	39.8	B
Airport Blvd. to Persimmon Ave.	0.55	47.3	A			44.8	A			43.9	A			48.3	A		
Persimmon Ave. to Mangoustine Ave.	0.38	45.8	A			44.5	A			42.0	B			46.6	A		
Mangoustine Ave. to Poplar Ave.	0.29	44.6	A			42.7	A			43.3	A			46.3	A		
Poplar Ave. to Holly Ave.	0.16	41.0	B			38.2	B			41.5	B			41.4	B		
Holly Ave. to US 17/92	0.13	9.3	F	35.5	B	14.4	F	37.8	B	20.2	E	39.7	B	9.5	F	36.6	B
US 17/92 to Park Ave.	0.32	29.7	C			26.4	D			33.9	C			32.0	C		
Park Ave. to Sanford Ave.	0.19	12.1	F	19.3	E	11.6	F	17.8	E	14.8	F	22.6	D	15.2	F	22.6	D
Sanford Ave. to Mellonville Ave.	0.51	37.1	B	37.1	B	38.4	B	38.4	B	41.6	B	41.6	B	40.7	B	40.7	B
Mellonville Ave. to Brisson Ave.	1.02	47.4	A			49.1	A			50.1	A			52.2	A		
Brisson Ave. to Beardall Ave.	1.01	44.9	A	46.1	A	50.0	A	49.4	A	50.0	A	50.0	A	48.9	A	50.5	A
Beardall Ave. to SR 415	0.60	44.1	A	44.1	A	40.0	B	40.0	B	38.1	B	38.1	B	35.5	B	35.5	B
SR 415 to Richmond Ave.	0.40	-	-	-	-	-	-	-	-	-	-	-	-	44.2	A	44.2	A
Richmond Ave. to Osceola Rd.	2.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Osceola Rd. to Mullet Lake Park Rd.	1.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mullet Lake Park Rd. to Avenue C	2.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Avenue C to Hart Rd.	0.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hart Rd. to Oak St.	0.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oak St. to CR 426	0.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CR 426 to Lake Proctor Ct.	0.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lake Proctor Ct. to Jungle Rd.	1.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jungle Rd. to Volusia Co. Line******	2.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average				36.8	B			35.5	B			36.1	B			38.0	B

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																								
Lake County Line to Longwood Markham Rd.	-	-	-	-	-	-	-	-	46.8	A			51.0	A			43.6	A			44.7	A		
Longwood Markham Rd. to Lake Markham Rd.****	-	-	-	-	-	-	-	-	51.4	A			51.8	A			49.8	A			49.1	A		
Lake Markham Rd. to Wayside Dr.*****	-	-	-	-	-	-	-	-	48.9	A	49.1	A	47.3	A	49.8	A	48.9	A			51.0	A		
Wayside Dr. to Orange Blvd.	25.9	D	25.9	D	35.6	B	35.6	B	17.9	E	17.9	E	20.8	E	20.8	E	20.2	E	42.2	A	20.6	E	42.9	A
Orange Blvd. to Lake Forest Blvd.	40.9	B	40.9	B	51.4	A	51.4	A	46.6	A	46.6	A	49.0	A	49.0	A	45.7	A	45.7	A	48.4	A	48.4	A
Lake Forest Blvd. to International Pkwy.	33.4	C			34.9	B			29.4	C			38.5	B			32.6	C			31.2	C		
International Pkwy. to Wayside Dr.	30.0	C			41.4	B			35.3	B			38.4	B			18.7	E			21.3	D		
Wayside Dr. to Oregon Ave.																								
Oregon Ave. to I-4 (W. Ramps)	31.9	C			21.5	D			23.3	D			16.3	E			20.4	E			34.3	B		
I-4 (W. Ramps) to I-4 (E. Ramps)	34.0	C	31.7	C	36.0	B	34.1	B	31.3	C	30.7	C	31.4	C	30.3	C	23.6	D	22.2	D	18.3	E	24.6	D
I-4 (E. Ramps) to Town Center Blvd.	39.5	B			42.5	A			28.3	C			30.9	C			21.7	D			23.2	D		
Town Center Blvd. to Rinehart Rd.	37.9	B	38.6	B	42.2	A	42.4	A	38.0	B	32.7	C	25.9	D	28.1	C	38.0	B	28.1	C	34.5	B	28.1	C
Rinehart Rd. to Elder Rd.																								
Elder Rd. to Upsala Rd./CR 15	31.0	C	31.0	C	35.2	B	35.2	B	23.7	D	23.7	D	38.7	B	38.7	B	35.6	B	35.6	B	28.1	C	28.1	C
Upsala Rd./CR 15 to Central Park Dr.**	40.5	B			25.1	D			25.8	D			43.6	A			44.6	A			41.7	B		
Central Park Dr. to Cedar Rd.***	38.8	B			40.0	B			37.2	B			49.1	A			49.1	A			47.0	A		
Cedar Rd. to Kennel Rd.	44.3	A			53.6	A			48.4	A			51.7	A			50.0	A			50.0	A		
Kennel Rd. to Rand Yard Rd./MLK Jr. Blvd.	41.8	B			42.0	B			42.6	A			50.5	A			42.4	A			45.0	A		
Rand Yard Rd./MLK Jr. Blvd. to Airport Blvd.	45.2	A	42.1	A	47.3	A	38.5	B	43.3	A	37.7	B	43.8	A	47.6	A	46.3	A	45.5	A	43.8	A	45.0	A
Airport Blvd. to Persimmon Ave.	46.2	A			45.2	A			44.0	A			46.0	A			47.3	A			45.4	A		
Persimmon Ave. to Mangoustine Ave.	44.0	A			43.0	A			43.0	A			43.0	A			44.7	A			43.8	A		
Mangoustine Ave. to Poplar Ave.	42.4	A			40.5	B			41.4	A			41.4	A			42.4	A			41.4	A		
Poplar Ave. to Holly Ave.	39.3	B			38.4	B			36.9	A			40.0	A			38.4	A			38.4	A		
Holly Ave. to US 17/92	8.2	F	32.7	C	8.0	F	31.1	C	7.2	F	29.7	B	8.6	F	32.2	B	8.8	F	32.9	B	6.9	F	29.8	B
US 17/92 to Park Ave.	29.9	C			32.5	C			24.0	C			24.0	C			23.1	C			27.8	C		
Park Ave. to Sanford Ave.	11.4	F	18.7	E	13.9	F	21.7	D	14.8	E	19.5	D	11.0	F	16.6	E	10.8	F	16.4	E	9.5	F	16.4	E
Sanford Ave. to Mellonville Ave.	37.4	B	37.4	B	37.8	B	37.8	B	36.9	A	36.9	A	35.6	A	35.6	A	40.0	A	40.0	A	38.0	A	38.0	A
Mellonville Ave. to Brisson Ave.	46.2	A			47.4	A			46.0	A			44.0	A			48.2	A			46.4	A		
Brisson Ave. to Beardall Ave.	47.1	A	46.6	A	48.9	A	48.1	A	47.3	A	46.7	A	46.6	A	45.3	A	48.9	A	48.5	A	49.3	A	47.8	A
Beardall Ave. to SR 415	21.6	D	21.6	D	30.0	C	30.0	C	22.5	D	22.5	D	18.9	E	18.9	E	16.5	E	16.5	E	20.1	E	20.1	E
SR 415 to Richmond Ave.	34.4	B	34.4	B	27.6	C	27.6	C	49.0	A	49.0	A	40.7	B	40.7	B	42.1	A	42.1	A	46.2	A	46.2	A
Richmond Ave. to Osceola Rd.	-	-	-	-	-	-	-	-	56.1	A	56.1	A	55.4	A	55.4	A	56.1	A	56.1	A	55.8	A	55.8	A
Osceola Rd. to Mullet Lake Park Rd.	-	-	-	-	-	-	-	-	53.9	A			53.2	A			53.6	A			53.6	A		
Mullet Lake Park Rd. to Avenue C	-	-	-	-	-	-	-	-	52.2	A			52.8	A			53.4	A			53.0	A		
Avenue C to Hart Rd.	-	-	-	-	-	-	-	-	51.8	A			53.0	A			51.8	A			54.3	A		
Hart Rd. to Oak St.	-	-	-	-	-	-	-	-	49.4	A	52.7	A	49.4	A	52.9	A	52.5	A	53.3	A	49.4	A	53.2	A
Oak St. to CR 426	-	-	-	-	-	-	-	-	20.8	D	20.8	D	23.8	C	23.8	C	23.1	C	23.1	C	24.2	C	24.2	C
CR 426 to Lake Proctor Ct.	-	-	-	-	-	-	-	-	48.3	A			48.8	A			52.5	A			48.3	A		
Lake Proctor Ct. to Jungle Rd.	-	-	-	-	-	-	-	-	54.6	A	52.4	A	54.0	A	52.2	A	55.9	A	54.8	A	51.8	A	50.6	A
Jungle Rd. to Volusia Co. Line******	-	-	-	-	-	-	-	-	55.0	A	55.0	A	54.6	A	54.6	A	55.3	A	55.3	A	53.5	A	53.5	A
Average			34.1	B			36.0	B			41.7	B			42.5	A			41.6	B			41.4	B

Note: * Till Year 2007, the segment limits were used to be " SR 415 to Osceola Road" and segment length was 2.71 miles.

Note: ** From 2009, additional control point has been considered on "Central Park Dr." the segment limits will be Upsala Rd. (CR 15) to Central Park Dr. and the segment length will be 0.32 Mile

Note: *** From 2009, additional control point has been considered on "Central Park Dr." the segment limits will be Central Park Dr. to Cedar Rd. and the segment length will be 0.17 Mile

Note: **** From 2011, additional control point has been considered on "Lake Markham Rd." the segment limits will be Longwood Markham Rd. to Lake Markham Rd. and the segment length will be 1.08 Miles

Note: ***** From 2011, additional control point has been considered on "Lake Markham Rd." the segment limits will be Lake Markham Rd. to Wayside Dr. and the segment length will be 1.19 Miles

Note: ****** From 2011, the segment limits were extended to the Volusia Co. Line and additional control points have been considered on "Osceola Rd., Mullet Lake Park Rd., Avenue C, Hart Rd., Oak St., CR 426, Lake Proctor Ct., and Jungle Rd."

TABLE S1.1b
Year 2014 Seminole County Travel Time & Delay Study
SR 46 (Parts A & B) - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
PM PEAK HOUR																																											
Lake County Line to Longwood Markham Rd.	0.85	-	-	-	-	-	-	-	-	-	-	-	-	54.8	A			-	-	-	-	-	-	-	-	44.3	A			47.7	A			47.2	A			49.0	A		
Longwood Markham Rd. to Lake Markham Rd.****	1.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49.5	A			44.7	A			53.1	A			53.6	A		
Lake Markham Rd. to Wayside Dr.*****	1.19	-	-	-	-	-	-	-	-	-	-	-	-	56.1	A			-	-	-	-	-	-	-	-	48.9	A	47.8	A	47.9	A	46.7	A	52.9	A			53.3	A		
Wayside Dr. to Orange Blvd.	0.31	-	-	-	-	-	-	-	-	-	-	-	-	29.3	C	51.7	A	19.2	E	19.2	E	33.9	C	33.9	C	21.6	D	21.6	D	22.2	D	22.2	D	41.2	B	50.1	A	23.9	D	46.8	A
Orange Blvd. to Lake Forest Blvd.	0.68	53.3	A	53.3	A	40.3	B	40.3	B	35.2	B	35.2	B	51.7	A	51.7	A	46.2	A	46.2	A	50.8	A	50.8	A	48.9	A	48.9	A	48.4	A	48.4	A	49.0	A	49.0	A	49.6	A	49.6	A
Lake Forest Blvd. to International Pkwy.	0.24	33.8	C			40.5	B			28.0	C			32.5	C			47.6	A			46.9	A			46.9	A			44.1	A			38.5	B			48.4	A		
International Pkwy. to Wayside Dr.	0.39	29.4	C	30.9	C	26.4	D	30.5	C	19.5	E	22.2	D	22.2	D	25.3	D	24.1	D			28.9	C			26.4	D			27.9	C			29.6	C			31.2	C		
Wayside Dr. to Oregon Ave.	0.13																																										
Oregon Ave. to I-4 (W. Ramps)	0.02	15.6	F	10.4	F	15.6	F			11.7	F			17.7	E			16.4	E			29.0	C			25.5	D			24.0	D			33.1	C			40.0	B		
I-4 (W. Ramps) to I-4 (E. Ramps)	0.13	14.8	F			16.7	E			12.4	F			13.3	F			32.2	C	26.3	D	23.2	D	31.2	C	24.0	D	29.4	C	31.4	C	30.5	C	34.7	B	32.9	C	41.2	B	37.4	B
I-4 (E. Ramps) to Town Center Blvd.	0.16	27.9	C			22.0	D			31.2	C			23.7	D			37.1	B			34.0	C			34.0	C			32.9	C			20.8	E			35.2	B		
Town Center Blvd. to Rinehart Rd.	0.19	32.6	C	21.0	D	31.5	C	20.5	E	31.9	C	18.3	E	22.7	D	19.0	E	43.5	A	40.3	B	21.9	D	26.3	D	27.8	C	30.4	C	23.7	D	27.3	C	19.0	E	19.8	E	26.5	D	30.0	C
Rinehart Rd. to Elder Rd.	0.26																																										
Elder Rd. to Upsala Rd./CR 15	0.25	21.4	D	21.4	D	22.2	D	22.2	D	17.4	E	17.4	E	19.6	E	19.6	E	45.4	A	45.4	A	43.1	A	43.1	A	39.7	B	39.7	B	40.3	B	40.3	B	41.9	B	41.9	B	25.5	D	25.5	D
Upsala Rd./CR 15 to Central Park Dr.**	0.49	48.1	A			45.9	A			43.2	A			31.0	C			44.6	A			45.4	A			37.2	B			44.6	A			43.6	A			33.1	C		
Central Park Dr. to Cedar Rd.***																		45.5	A			51.4	A			47.0	A			49.1	A			49.1	A			47.0	A		
Cedar Rd. to Kennel Rd.	0.25	54.6	A			51.4	A			49.6	A			49.8	A			48.6	A			51.7	A			48.4	A			51.7	A			51.7	A			51.7	A		
Kennel Rd. to Rand Yard Rd./MLK Jr. Blvd.	0.50	56.2	A			51.7	A			52.0	A			39.8	B			45.4	A			53.5	A			42.6	A			41.7	B			52.4	A			33.5	C		
Rand Yard Rd./MLK Jr. Blvd. to Airport Blvd.	0.26	14.8	F	36.5	B	21.3	D	40.6	B	19.4	E	38.3	B	41.5	B	39.9	B	45.4	A	45.8	A	40.0	B	48.3	A	47.3	A	43.4	A	36.8	B	43.5	A	36.0	B	46.2	A	46.3	A	39.0	B
Airport Blvd. to Persimmon Ave.	0.55	45.0	A			42.0	B			44.0	A			46.7	A			46.2	A			44.6	A			44.0	A			46.0	A			46.7	A			45.4	A		
Persimmon Ave. to Mangoustine Ave.	0.38	44.7	A			42.5	A			43.5	A			39.5	B			42.9	A			43.0	A			42.2	A			43.8	A			43.8	A			43.8	A		
Mangoustine Ave. to Poplar Ave.	0.29	44.3	A			41.3	B			42.0	B			43.2	A			40.6	B			40.5	B			40.5	A			40.5	A			42.4	A			42.4	A		
Poplar Ave. to Holly Ave.	0.16	42.0	A			37.7	B			39.2	B			40.4	B			39.6	B			38.4	B			38.4	A			40.0	A			38.4	A			38.4	A		
Holly Ave. to US 17/92	0.13	10.3	F	36.2	B	21.0	E	38.9	B	11.3	F	35.5	B	11.5	F	36.2	B	9.4	F	33.9	C	18.1	E	38.1	B	5.8	F	27.4	C	11.0	F	34.7	B	12.8	F	36.3	A	9.5	F	33.3	B
US 17/92 to Park Ave.	0.32	23.1	D			32.2	C			25.8	D			32.1	C			26.4	D			24.9	D			35.6	A			19.6	D			20.6	D			20.6	D		
Park Ave. to Sanford Ave.	0.19	8.8	F	14.4	F	6.4	F	12.8	F	17.1	E	21.5	D	9.8	F	17.2	E	10.8	F	17.3	E	13.4	F	18.9	E	16.3	E	24.7	C	11.3	F	15.4	E	11.4	F	16.0	E	10.8	F	15.5	E
Sanford Ave. to Mellonville Ave.	0.51	32.3	C	32.3	C	38.9	B	38.9	B	40.9	B	40.9	B	40.1	B	40.1	B	33.8	C	33.8	C	34.8	B	34.8	B	36.9	A	36.9	A	33.6	B	33.6	B	35.1	A	35.1	A	37.1	A	37.1	A
Mellonville Ave. to Brisson Ave.	1.02	47.9	A			51.1	A			48.4	A			50.3	A			44.3	A			47.8	A			45.7	A			43.1	A			45.7	A			45.3	A		
Brisson Ave. to Beardall Ave.	1.01	46.1	A	47.0	A	49.1	A	50.1	A	49.8	A	49.1	A	43.3	A	46.5	A	48.2	A	46.2	A	49.3	A	48.5	A	47.3	A	46.5	A	45.9	A	44.5	A	47.3	A	46.5	A	47.3	A	46.3	A
Beardall Ave. to SR 415	0.60	44.6	A	44.6	A	40.8	B	40.8	B	23.0	D	23.0	D	19.9	E	19.9	E	31.9	C	31.9	C	19.6	E	19.6	E	24.3	D	24.3	D	23.1	D	23.1	D	22.5	D	22.5	D	34.3	B	34.3	B
SR 415 to Richmond Ave.	0.40	-	-	-	-	-	-	-	-	-	-	-	-	42.7	A	42.7	A	40.2	B	40.2	B	48.0	A	48.0	A	42.9	A	42.9	A	46.2	A	46.2	A	48.0	A	48.0	A	50.0	A	50.0	A
Richmond Ave. to Osceola Rd.	2.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55.8	A	55.8	A	55.0	A	55.0	A	55.8	A	55.8	A	55.6	A	55.6	A
Osceola Rd. to Mullet Lake Park Rd.	1.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.3	A			52.9	A			53.2	A			53.6	A		
Mullet Lake Park Rd. to Avenue C	2.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.0	A			52.1	A			52.6	A			53.2	A		
Avenue C to Hart Rd.	0.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.3	A			51.8	A			50.7	A			53.0	A		
Hart Rd. to Oak St.	0.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49.4	A	54.0	A	46.7	A	52.1	A	42.0	B	52.2	A	49.4	A	53.2	A
Oak St. to CR 426	0.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.4	B	28.4	B	30.6	B	30.6	B	25.7	C	25.7	C	22.8	C	22.8	C
CR 426 to Lake Proctor Ct.	0.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49.4	A			52.5	A			53.8	A			48.3	A		
Lake Proctor Ct. to Jungle Rd.	1.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.3	A	52.0	A	51.5	A	51.8	A	56.6	A	55.7	A	53.6	A	51.8	A
Jungle Rd. to Volusia Co. Line******	2.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.6	A	53.6	A	53.6	A	53.6	A	56.4	A	56.4	A	53.8	A	53.8	A
Average				32.4	C			33.0	C			30.8	C			35.3	B			35.1	B			36.3	B			43.1	A			42.5	A			44.2	A			43.5	A

Note: * Till Year 2007, the segment limits were used to be " SR 415 to Osceola Road" and segment length was 2.71 miles.

Note: ** From 2009, additional control point has been considered on "Central Park Dr." the segment limits will be Upsala Rd. (CR 15) to Central Park Dr. and the segment length will be 0.32 Mile

Note: *** From 2009, additional control point has been considered on "Central Park Dr." the segment limits will be Central Park Dr. to Cedar Rd. and the segment length will be 0.17 Mile

Note: **** From 2011, additional control point has been considered on "Lake Markham Rd." the segment limits will be Longwood Markham Rd. to Lake Markham Rd. and the segment length will be 1.08 Miles

Note: ***** From 2011, additional control point has been considered on "Lake Markham Rd." the segment limits will be Lake Markham Rd. to Wayside Dr. and the segment length will be 1.19 Miles

Note: ****** From 2011, the segment limits were extended to the Volusia Co. Line and additional control points have been considered on "Osceola Rd., Mullet Lake Park Rd., Avenue C, Hart Rd., Oak St., CR 426, Lake Proctor Ct., and Jungle Rd."

TABLE S1.2a
Year 2014 Seminole County Travel Time & Delay Study
SR 46 (Parts A & B) - Westbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
Volusia Co. Line to Jungle Rd.******	2.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.3	A	54.3	A	54.4	A	54.4	A	56.4	A	56.4	A	53.5	A	53.5	A
Jungle Rd. to Lake Proctor Ct.	1.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.9	A			54.3	A			56.3	A			53.6	A		
Lake Proctor Ct. to CR 426	0.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.6	B	49.9	A	45.2	A	51.0	A	42.0	B	50.8	A	38.2	B	47.6	A
CR 426 to Oak St.	0.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47.6	A	47.6	A	41.5	A	41.5	A	38.6	A	38.6	A	41.5	A	41.5	A
Oak St. to Hart St.	0.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49.4	A			52.5	A			49.4	A			52.5	A		
Hart St. to Avenue C	0.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49.6	A			53.0	A			51.8	A			53.0	A		
Avenue C to Mullet Lake Park Rd.	2.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.2	A			53.0	A			53.6	A			53.0	A		
Mullet Lake Park Rd. to Osceola Rd.	1.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.9	A	53.0	A	53.2	A	53.1	A	53.6	A	53.3	A	53.2	A	53.1	A
Osceola Rd. to Richmond Ave.	2.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.2	A	53.2	A	53.2	A	53.2	A	54.0	A	54.0	A	53.8	A	53.8	A
Richmond Ave. to SR 415	0.40	-	-	-	-	-	-	-	-	-	-	-	-	15.8	F	15.8	F	16.1	E	16.1	E	14.0	F	14.0	F	19.5	E	19.5	E	13.2	F	13.2	F	12.8	F	12.8	F	17.0	E	17.0	E
SR 415 to Beardall Ave.	0.60	38.4	B	38.4	B	40.3	B	40.3	B	43.0	A	43.0	A	42.0	B	42.0	B	40.9	B	40.9	B	42.9	A	42.9	A	40.0	B	40.0	B	42.9	A	42.9	A	40.9	B	40.9	B	42.4	A	42.4	A
Beardall Ave. to Brisson Ave.	1.01	44.3	A			47.6	A			47.6	A			46.9	A			45.3	A			47.0	A			46.3	A			39.6	B			45.2	A			47.0	A		
Brisson Ave. to Mellonville Ave.	1.02	46.7	A	45.5	A	47.1	A	47.5	A	48.5	A	48.0	A	46.3	A	46.6	A	45.6	A	45.4	A	46.0	A	46.5	A	43.7	A	44.9	A	43.7	A	41.6	B	44.3	A	44.8	A	45.7	A	46.3	A
Mellonville Ave. to Sanford Ave.	0.51	26.8	D	26.8	D	29.5	C	29.5	C	23.2	D	23.2	D	22.8	D	22.8	D	34.0	C	34.0	C	30.9	C	30.9	C	29.7	B	29.7	B	26.6	C	26.6	C	22.9	C	22.9	C	28.4	B	28.4	B
Sanford Ave. to Park Ave.	0.19	32.3	C			29.3	C			27.4	C			32.2	C			34.4	B			36.8	B			30.8	B			34.5	B			34.8	B			27.7	C		
Park Ave. to US 17/92	0.32	15.8	F	19.6	E	24.6	D	26.2	D	15.6	F	18.6	E	24.2	D	26.7	D	11.1	F	15.0	F	13.2	F	17.3	E	19.4	D	22.5	C	16.7	E	20.7	D	12.7	F	16.5	E	22.3	C	24.0	C
US 17/92 to Holly Ave.	0.12	28.9	C			27.9	C			31.8	C			28.9	C			26.2	D			30.0	C			21.1	D			35.5	A			33.9	B			33.9	B		
Holly Ave. to Poplar Ave.	0.16	46.3	A			41.5	B			41.7	B			45.5	A			38.6	B			41.7	B			41.7	A			41.7	A			41.7	A			40.0	A		
Poplar Ave. to Mangoustine Ave.	0.29	47.2	A			43.1	A			43.1	A			48.3	A			41.9	B			40.5	B			41.4	A			41.4	A			43.5	A			41.4	A		
Mangoustine Ave. to Persimmon Ave.	0.38	51.4	A			46.9	A			45.5	A			42.9	A			42.1	A			38.6	B			42.2	A			41.5	A			45.6	A			43.8	A		
Persimmon Ave. to Airport Blvd.	0.57	46.3	A	45.1	A	39.5	B	40.7	B	32.2	C	37.8	B	51.2	A	44.7	A	40.1	B	39.0	B	42.3	A	39.6	B	40.2	A	38.1	A	44.2	A	41.8	A	42.0	A	42.2	A	42.5	A	41.5	A
Airport Blvd. to Rand Yard Rd.	0.26	53.0	A			44.7	A			40.8	B			53.1	A			31.1	C			27.4	C			24.8	D			32.4	C			36.0	B			32.4	C		
Rand Yard Rd. to Kennel Rd.	0.48	54.5	A			52.5	A			45.9	A			53.3	A			43.7	A			46.7	A			49.8	A			48.8	A			45.7	A			46.5	A		
Kennel Rd. to Cedar Rd.	0.25	55.9	A			54.3	A			50.3	A			42.8	A			44.3	A			51.7	A			51.7	A			51.7	A			48.4	A			48.4	A		
Cedar Rd. to Central Park Dr.***		29.7	C	42.8	A	22.1	D	35.6	B	20.7	E	32.8	C	18.9	E	49.7	A	20.1	E			36.0	B			31.8	C			30.9	C			19.3	E			21.6	D		
Central Park Dr. to Upsala Rd./CR 15**	0.51																	34.8	B	34.7	B	31.0	C	37.4	B	19.2	E	31.7	C	19.2	E	33.0	C	30.0	C	34.7	B	25.6	D	33.6	C
Upsala Rd./CR 15 to Elder Rd.	0.25																																								
Elder Rd. to Rinehart Rd.	0.26	42.7	A	42.7	A	42.1	A	42.1	A	35.3	B	35.3	B	38.9	B	38.9	B	44.6	A	44.6	A	39.2	B	39.2	B	31.5	C	31.5	C	31.2	C	31.2	C	42.5	A	42.5	A	36.0	B	36.0	B
Rinehart Rd. to Town Center Blvd.	0.19	41.5	B			40.0	B			23.3	D			19.9	E			28.5	C			26.5	D			40.7	B			27.8	C			36.8	B			42.2	A		
Town Center Blvd. to I-4 (E. Ramps)	0.16	26.0	D			32.3	C			34.4	B			11.5	F			15.9	F	20.5	E	25.5	D	26.0	D	42.5	A	41.5	B	26.2	D	27.0	D	17.3	E	24.0	D	29.1	C	34.8	B
I-4 (E. Ramps) to I-4 (W. Ramps)	0.10	38.0	B	33.4	C	10.9	F	23.4	D	34.6	B	29.0	C	13.0	F	14.2	F	12.7	F			21.2	D			26.7	D			20.6	E			33.0	C			36.7	B		
I-4 (W. Ramps) to Oregon Ave.	0.03																																								
Oregon Ave. to Wayside Dr.	0.15	23.4	D			15.8	F			17.5	E			30.6	C			20.7	E			33.6	C			33.6	C			35.6	B			38.4	B			36.9	B		
Wayside Dr. to International Pkwy.	0.39	40.7	B			41.1	B			41.7	B			34.7	B			38.4	B			31.6	C			35.8	B			37.7	B			45.0	A			39.0	B		
International Pkwy. to Lake Forest Blvd.	0.25	36.5	B	34.4	B	44.5	A	31.7	C	39.7	B	32.2	C	38.4	B	34.8	B	29.2	C	25.9	D	34.1	B	30.5	C	27.3	C	31.4	C	36.6	B	33.7	C	48.4	A	42.7	A	39.5	B	38.4	B
Lake Forest Blvd. to Orange Blvd.	0.67	35.4	B	35.4	B	30.2	C	30.2	C	19.3	E	19.3	E	49.8	A	49.8	A	35.2	B	35.2	B	43.5	A	43.5	A	46.6	A	46.6	A	47.9	A	47.9	A	41.0	B	41.0	B	43.2	A	43.2	A
Orange Blvd. to Wayside Dr.	0.33	-	-	-	-	-	-	-	-	-	-	-	-	44.0	A			40.9	B	40.9	B	48.8	A	48.8	A	33.9	C	33.9	C	45.0	A	45.0	A	41.2	B	41.2	B	40.4	B	40.4	B
Wayside Dr. to Lake Markham Rd.****	1.19	-	-	-	-	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-	-	52.9	A			48.6	A			49.2	A			47.6	A		
Lake Markham Rd. to Longwood Markham Rd.*****	1.08	-	-	-	-	-	-	-	-	-	-	-	-	48.8	A			-	-	-	-	-	-	-	-	49.8	A			50.6	A			48.7	A			45.3	A		
Longwood Markham Rd. to Lake Co. Line	0.85	-	-	-	-	-	-	-	-	-	-	-	-	55.7	A	49.6	A	-	-	-	-	-	-	-	-	52.6	A	51.7	A	54.3	A	50.7	A	51.0	A	49.5	A	50.0	A	47.4	A
Average				37.6	B			35.6	B			32.4	C			36.8	B			31.9	C			34.0	B			43.5	A			42.6	A			42.8	A			43.8	A

Note: * Till Year 2007, the segment limits were used to be " SR 415 to Osceola Road" and segment length was 2.71 miles.

Note: ** From 2009, additional control point has been considered on "Central Park Dr." the segment limits will be Central Park Dr. to Upsala Rd. (CR 15) and the segment length will be 0.32 Mile

Note: *** From 2009, additional control point has been considered on "Central Park Dr." the segment limits will be Cedar St. to Central Park Dr. and the segment length will be 0.17 Mile

Note: **** From 2011, additional control point has been considered on "Lake Markham Rd." the segment limits will be Lake Markham Rd. to Wayside Dr. and the segment length will be 1.19 Miles

Note: ***** From 2011, additional control point has been considered on "Lake Markham Rd." the segment limits will be Longwood Markham Rd. to Lake Markham Rd. and the segment length will be 1.08 Miles

Note: ****** From 2011, the segment limits were extended to the Volusia Co. Line and additional control points have been considered on "Osceola Rd., Mullet Lake Park Rd., Avenue C, Hart Rd., Oak St., CR 426, Lake Proctor Ct., and Jungle Rd."

TABLE S1.2b
Year 2014 Seminole County Travel Time & Delay Study
SR 46 (Parts A & B) - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS
PM PEAK HOUR																	
Volusia Co. Line to Jungle Rd.******	2.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jungle Rd. to Lake Proctor Ct.	1.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lake Proctor Ct. to CR 426	0.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CR 426 to Oak St.	0.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oak St. to Hart St.	0.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hart St. to Avenue C	0.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Avenue C to Mullet Lake Park Rd.	2.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mullet Lake Park Rd. to Osceola Rd.	1.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Osceola Rd. to Richmond Ave.	2.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Richmond Ave. to SR 415	0.40	-	-	-	-	-	-	-	-	-	-	-	-	11.4	F	11.4	F
SR 415 to Beardall Ave.	0.60	38.3	B	38.3	B	43.4	A	43.4	A	46.2	A	46.2	A	40.4	B	40.4	B
Beardall Ave. to Brisson Ave.	1.01	45.1	A			44.7	A			47.8	A			45.8	A		
Brisson Ave. to Mellonville Ave.	1.02	46.3	A	45.7	A	48.3	A	46.5	A	51.3	A	49.5	A	47.9	A	46.8	A
Mellonville Ave. to Sanford Ave.	0.51	26.6	D	26.6	D	20.1	E	20.1	E	29.7	C	29.7	C	24.8	D	24.8	D
Sanford Ave. to Park Ave.	0.19	33.9	C			35.4	B			33.7	C			27.6	C		
Park Ave. to US 17/92	0.32	8.6	F	12.0	F	10.2	F	13.9	F	13.2	F	17.1	E	12.2	F	15.4	F
US 17/92 to Holly Ave.	0.12	28.2	C			29.2	C			31.5	C			28.4	C		
Holly Ave. to Poplar Ave.	0.16	39.7	B			41.1	B			43.2	A			42.7	A		
Poplar Ave. to Mangoustine Ave.	0.29	43.9	A			44.8	A			45.5	A			46.6	A		
Mangoustine Ave. to Persimmon Ave.	0.38	47.5	A			47.3	A			42.8	A			49.8	A		
Persimmon Ave. to Airport Blvd.	0.57	32.0	C	37.4	B	40.9	B	41.7	B	37.4	B	40.0	B	36.9	B	40.7	B
Airport Blvd. to Rand Yard Rd.	0.26	44.6	A			48.6	A			45.4	A			32.5	C		
Rand Yard Rd. to Kennel Rd.	0.48	52.0	A			51.3	A			50.3	A			48.9	A		
Kennel Rd. to Cedar Rd.	0.25	51.4	A			51.4	A			52.4	A			22.9	D		
Cedar Rd. to Central Park Dr.***		22.4	D	35.4	B	15.5	F	19.6	E	8.0	F	18.7	E	18.9	E	33.6	C
Central Park Dr. to Upsala Rd./CR 15**	0.51																
Upsala Rd./CR 15 to Elder Rd.	0.25																
Elder Rd. to Rinehart Rd.	0.26	29.5	C	29.5	C	24.7	D	24.7	D	36.3	B	36.3	B	30.5	C	30.5	C
Rinehart Rd. to Town Center Blvd.	0.19	14.5	F			16.3	E			18.7	E			8.9	F		
Town Center Blvd. to I-4 (E. Ramps)	0.16	21.1	D			11.7	F			16.8	E			19.7	E		
I-4 (E. Ramps) to I-4 (W. Ramps)	0.10	29.7	C	18.9	E	16.9	E	14.3	F	26.8	D	19.2	E	29.8	C	14.1	F
I-4 (W. Ramps) to Oregon Ave.	0.03																
Oregon Ave. to Wayside Dr.	0.15	26.3	D			22.4	D			22.4	D			27.6	C		
Wayside Dr. to International Pkwy.	0.39	39.6	B			32.3	C			27.1	C			33.0	C		
International Pkwy. to Lake Forest Blvd.	0.25	47.8	A	37.6	B	42.4	A	31.9	C	13.1	F	19.6	E	41.4	B	33.8	C
Lake Forest Blvd. to Orange Blvd.	0.67	36.3	B	36.3	B	27.2	C	27.2	C	40.9	B	40.9	B	41.0	B	41.0	B
Orange Blvd. to Wayside Dr.	0.33	-	-	-	-	-	-	-	-	-	-	-	-	31.1	C		
Wayside Dr. to Lake Markham Rd.****	1.19	-	-	-	-	-	-	-	-	-	-	-	-				
Lake Markham Rd. to Longwood Markham Rd.*****	1.08	-	-	-	-	-	-	-	-	-	-	-	-	48.8	A		
Longwood Markham Rd. to Lake Co. Line	0.85	-	-	-	-	-	-	-	-	-	-	-	-	53.7	A	47.2	A
Average				31.8	C			29.4	C			29.0	C			32.3	C

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
PM PEAK HOUR																								
Volusia Co. Line to Jungle Rd.******	-	-	-	-	-	-	-	-	53.3	A	53.3	A	55.0	A	55.0	A	55.8	A	55.8	A	53.0	A	53.0	A
Jungle Rd. to Lake Proctor Ct.	-	-	-	-	-	-	-	-	53.6	A			53.0	A			56.3	A			53.3	A		
Lake Proctor Ct. to CR 426	-	-	-	-	-	-	-	-	43.3	A	49.9	A	37.2	B	46.7	A	42.0	B	50.8	A	41.2	B	48.8	A
CR 426 to Oak St.	-	-	-	-	-	-	-	-	45.0	A	45.0	A	40.5	A	40.5	A	36.8	A	36.8	A	42.6	A	42.6	A
Oak St. to Hart St.	-	-	-	-	-	-	-	-	49.4	A			52.5	A			42.0	B			56.0	A		
Hart St. to Avenue C	-	-	-	-	-	-	-	-	53.0	A			50.7	A			48.5	A			54.3	A		
Avenue C to Mullet Lake Park Rd.	-	-	-	-	-	-	-	-	53.8	A			51.7	A			52.2	A			53.2	A		
Mullet Lake Park Rd. to Osceola Rd.	-	-	-	-	-	-	-	-	53.9	A	53.6	A	52.3	A	51.8	A	52.9	A	51.7	A	53.2	A	53.4	A
Osceola Rd. to Richmond Ave.	-	-	-	-	-	-	-	-	53.2	A	53.2	A	52.8	A	52.8	A	52.0	A	52.0	A	54.0	A	54.0	A
Richmond Ave. to SR 415	13.6	F	13.6	F	18.2	E	18.2	E	12.4	F	12.4	F	12.1	F	12.1	F	17.4	E	17.4	E	22.4	D	22.4	D
SR 415 to Beardall Ave.	37.7	B	37.7	B	42.4	A	42.4	A	46.2	A	46.2	A	42.9	A	42.9	A	46.2	A	46.2	A	44.4	A	44.4	A
Beardall Ave. to Brisson Ave.	45.4	A			46.6	A			49.3	A			44.6	A			48.5	A			47.3	A		
Brisson Ave. to Mellonville Ave.	43.8	A	44.6	A	46.7	A	46.7	A	48.2	A	48.7	A	40.5	B	42.4	A	47.1	A	47.8	A	43.4	A	45.3	A
Mellonville Ave. to Sanford Ave.	26.5	D	26.5	D	21.4	D	21.4	D	19.2	D	19.2	D	34.0	B	34.0	B	30.3	B	30.3	B	25.4	C	25.4	C
Sanford Ave. to Park Ave.	32.3	C			35.6	B			31.7	B			35.6	A			27.0	C			28.4	B		
Park Ave. to US 17/92	13.1	F	16.8	E	15.6	F	19.7	E	10.2	F	13.7	E	10.1	F	13.7	E	10.4	F	13.3	E	11.0	F	14.2	E
US 17/92 to Holly Ave.	25.8	D			35.5	B			22.9	C			35.5	A			31.2	B			35.5	A		
Holly Ave. to Poplar Ave.	39.7	B			41.7	B			40.0	A			41.7	A			41.7	A			41.7	A		
Poplar Ave. to Mangoustine Ave.	42.7	A			41.4	B			41.4	A			42.4	A			44.6	A			41.4	A		
Mangoustine Ave. to Persimmon Ave.	42.4	A			43.0	A			41.5	A			43.0	A			43.8	A			43.8	A		
Persimmon Ave. to Airport Blvd.	41.1	B	39.5	B	44.0	A	42.1	A	44.0	A	39.4	A	46.0	A	43.0	A	44.8	A	42.6	A	45.4	A	42.8	A
Airport Blvd. to Rand Yard Rd.	33.9	C			43.3	A			31.2	C			29.5	C			33.1	C			21.0	D		
Rand Yard Rd. to Kennel Rd.	42.2	A			52.5	A			51.6	A			50.5	A			48.8	A			47.2	A		
Kennel Rd. to Cedar Rd.	44.3	A			53.6	A			51.7	A			51.7	A			51.7	A			51.7	A		
Cedar Rd. to Central Park Dr.***	26.4	D			40.0	B			40.0	B			18.3	E			41.5	B			24.0	D		
Central Park Dr. to Upsala Rd./CR 15**	21.6	D	32.2	C	18.6	E	36.2	B	26.2	D	38.2	B	17.3	E	28.9	C	30.0	C	39.6	B	11.6	F	23.9	D
Upsala Rd./CR 15 to Elder Rd.																								
Elder Rd. to Rinehart Rd.	35.7	B	35.7	B	39.7	B	39.7	B	36.9	B	36.9	B	32.9	C	32.9	C	33.3	C	33.3	C	39.2	B	39.2	B
Rinehart Rd. to Town Center Blvd.	24.1	D			21.5	D			18.1	E			20.4	E			9.4	F			15.6	F		
Town Center Blvd. to I-4 (E. Ramps)	7.7	F	11.9	F	14.8	F	17.7	E	18.2	E	18.2	E	21.7	D	21.0	E	12.1	F	10.5	F	40.8	B	22.0	D
I-4 (E. Ramps) to I-4 (W. Ramps)	27.5	C	13.7	F	36.0	B			32.7	C			28.7	C			31.4	C			41.2	B		
I-4 (W. Ramps) to Oregon Ave.																								
Oregon Ave. to Wayside Dr.	31.9	C			25.5	D			24.7	D			24.0	D			16.6	E			18.5	E		
Wayside Dr. to International Pkwy.	28.2	C			45.3	A			43.6	A			45.9	A			37.7	B			31.2	C		
International Pkwy. to Lake Forest Blvd.	44.5	A	32.0	C	48.4	A	39.9	B	46.9	A	38.2	B	48.4	A	37.7	B	44.1	A	31.2	C	41.7	B	30.5	C
Lake Forest Blvd. to Orange Blvd.	39.0	B	39.0	B	45.0	A	45.0	A	42.1	A	42.1	A	41.9	B	41.9	B	36.9	B	36.9	B	37.9	B	37.9	B
Orange Blvd. to Wayside Dr.	38.1	B	38.1	B	41.2	B	41.2	B	33.3	C	33.3	C	29.1	C	29.1	C	38.8	B	38.8	B	30.5	C	30.5	C
Wayside Dr. to Lake Markham Rd.****	-	-	-	-	-	-	-	-	52.1	A			43.5	A			48.6	A			45.5	A		
Lake Markham Rd. to Longwood Markham Rd.*****	-	-	-	-	-	-	-	-	47.3	A			41.8	B			49.8	A			45.0	A		
Longwood Markham Rd. to Lake Co. Line	-	-	-	-	-	-	-	-	52.0	A	50.3	A	52.0	A	44.9	A	53.7	A	50.3	A	50.5	A	46.6	A
Average			30.4	C			34.5	B			41.5	B			40.2	B			41.3	B			40.7	B

Note: * Till Year 2007, the segment limits were used to be " SR 415 to Osceola Road" and segment length was 2.71 miles.

Note: ** From 2009, additional control point has been considered on "Central Park Dr." the segment limits will be Central Park Dr. to Upsala Rd. (CR 15) and the segment length will be 0.32 Mile

Note: *** From 2009, additional control point has been considered on "Central Park Dr." the segment limits will be Cedar St. to Central Park Dr. and the segment length will be 0.17 Mile

Note: **** From 2011, additional control point has been considered on "Lake Markham Rd." the segment limits will be Lake Markham Rd. to Wayside Dr. and the segment length will be 1.19 Miles

Note: ***** From 2011, additional control point has been considered on "Lake Markham Rd." the segment limits will be Longwood Markham Rd. to Lake Markham Rd. and the segment length will be 1.08 Miles

Note: ****** From 2011, the segment limits were extended to the Volusia Co. Line and additional control points have been considered on "Osceola Rd., Mullet Lake Park Rd., Avenue C, Hart Rd., Oak St., CR 426, Lake Proctor Ct., and Jungle Rd."

TABLE S2.1a
Year 2014 Seminole County Travel Time & Delay Study
SR 419 - Northbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
SR 434 to Layer Elementary	0.19	14.7	F			17.3	E			26.1	D			22.0	D			19.2	E			21.6	D			19.7	E			23.4	D			17.2	E			12.5	F		
Layer Elementary to Wade St.	0.13	28.6	C			37.7	B			41.9	B			39.7	B			37.3	B			38.8	B			36.7	B			41.2	B			36.7	B			36.7	B		
Wade St. to Moss Rd.	0.40	40.0	B			48.2	A			44.0	A			45.1	A			42.7	A			45.3	A			47.1	A			46.2	A			45.3	A			43.6	A		
Moss Rd. to Edgemon Ave.	0.14	26.1	D			37.0	B			18.8	E			21.9	D			28.5	C			24.7	D			22.7	D			38.2	B			17.1	E			30.0	C		
Edgemon Ave. to Valentine Way	1.19	48.7	A			47.4	A			46.3	A			45.5	A			46.3	A			45.5	A			46.7	A			45.5	A			44.9	A			44.3	A		
Valentine Way to US 17/92	0.49	15.1	F	28.4	C	14.9	F	30.2	C	21.1	D	33.7	C	22.7	D	34.1	B	15.1	F	29.6	C	16.1	E	30.4	C	15.6	F	29.8	C	17.5	E	32.5	C	13.2	F	26.5	D	18.8	E	29.1	C
Average				28.2	C			30.2	C			33.7	C			34.1	B			29.6	C			30.4	C			29.8	C			32.5	C			26.5	D			29.1	C
PM PEAK HOUR																																									
SR 434 to Layer Elementary	0.19	32.2	C			22.4	D			29.4	C			33.6	C			24.2	D			28.7	C			32.1	C			36.3	B			34.5	B			35.4	B		
Layer Elementary to Wade St.	0.13	40.0	B			31.8	C			34.5	B			40.0	B			38.8	B			41.2	B			41.2	B			44.0	A			44.0	A			38.8	B		
Wade St. to Moss Rd.	0.40	45.6	A			47.3	A			45.8	A			46.4	A			45.0	A			44.4	A			46.2	A			48.0	A			43.6	A			42.1	A		
Moss Rd. to Edgemon Ave.	0.14	23.1	D			37.6	B			34.4	B			33.0	C			26.3	D			35.0	B			32.3	C			38.2	B			36.5	B			32.3	C		
Edgemon Ave. to Valentine Way	1.19	50.0	A			50.0	A			49.6	A			49.2	A			44.8	A			47.0	A			45.5	A			48.2	A			47.0	A			44.3	A		
Valentine Way to US 17/92	0.49	29.1	C	39.5	B	23.9	D	36.8	B	28.2	C	39.6	B	18.8	E	35.6	B	26.1	D	35.8	B	18.0	E	33.7	C	13.7	F	30.4	C	15.5	F	33.3	C	15.8	F	32.8	C	23.2	D	36.1	B
Average				39.3	B			36.8	B			39.6	B			35.6	B			35.8	B			33.7	C			30.4	C			33.3	C			32.8	C			36.1	B

TABLE S2.1b
Year 2014 Seminole County Travel Time & Delay Study
SR 419 - Southbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
US 17/92 to Valentine Way	0.47	43.9	A			42.0	B			40.7	B			41.7	B			37.9	B			42.4	A			40.0	B			42.4	A			41.7	B			42.4	A		
Valentine Way to Edgemon Ave.	1.20	48.7	A			47.3	A			43.0	A			48.0	A			44.8	A			43.8	A			43.0	A			46.7	A			43.3	A			46.1	A		
Edgemon Ave. to Moss Rd.	0.14	42.7	A			43.1	A			39.8	B			45.6	A			41.8	B			40.0	B			40.0	B			44.2	A			40.0	B			40.0	B		
Moss Rd. to Wade St.	0.40	41.9	B			44.9	A			37.0	B			39.1	B			35.7	B			41.4	B			46.2	A			43.6	A			43.6	A			46.2	A		
Wade St. to Layer Elementary	0.11	25.9	D			42.9	A			36.4	B			37.4	B			22.4	D			34.7	B			22.8	D			22.8	D			23.6	D			7.6	F		
Layer Elementary to SR 434	0.20	14.8	F	38.2	B	13.4	F	38.3	B	16.6	E	36.4	B	15.7	F	38.4	B	16.7	E	35.8	B	12.4	F	34.8	B	13.5	F	34.6	B	9.5	F	32.6	C	8.2	F	30.2	C	12.9	F	31.2	C
Average				38.3	B			38.3	B			36.4	B			38.4	B			35.8	B			34.8	B			34.6	B			32.6	C			30.2	C			31.2	C
PM PEAK HOUR																																									
US 17/92 to Valentine Way	0.47	40.2	B			38.6	B			44.1	A			38.4	B			36.1	B			37.4	B			40.0	B			43.0	A			40.6	B			39.5	B		
Valentine Way to Edgemon Ave.	1.20	37.9	B			37.6	B			47.4	A			39.3	B			39.2	B			38.8	B			39.0	B			44.9	A			39.2	B			43.0	A		
Edgemon Ave. to Moss Rd.	0.14	41.5	B			42.3	A			41.3	B			43.5	A			40.2	B			36.5	B			40.0	B			44.2	A			38.2	B			42.0	B		
Moss Rd. to Wade St.	0.40	40.7	B			39.4	B			37.9	B			42.2	A			39.0	B			39.3	B			47.1	A			42.9	A			45.3	A			44.4	A		
Wade St. to Layer Elementary	0.11	40.8	B			28.8	C			39.4	B			28.3	C			28.5	C			41.2	B			44.0	A			28.7	C			36.7	B			33.0	C		
Layer Elementary to SR 434	0.20	11.3	F	33.0	C	17.2	E	34.6	B	19.3	E	39.9	B	16.4	E	35.2	B	18.3	E	35.1	B	10.5	F	31.0	C	15.5	F	35.5	B	9.7	F	32.8	C	9.9	F	31.5	C	9.0	F	31.4	C
Average				32.8	C			34.6	B			39.9	B			35.2	B			35.1	B			31.0	C			35.5	B			32.8	C			31.5	C			31.4	C

TABLE S3.1a
Year 2014 Seminole County Travel Time & Delay Study
SR 434 (Parts A, B, & C) Eastbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
Orange County Line to Maitland Blvd.	0.01	1.3	F			1.3	F			0.9	F			1.7	F			1.1	F			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maitland Blvd. to Gateway Dr.	0.30	40.6	A			22.5	C			28.6	B			27.1	C			31.2	B			41.5	A			39.5	A			37.7	A			23.7	C			14.2	E		
Gateway Dr. to Tailwood Dr./Lotus landing Blvd.	0.45	38.5	A			38.8	A			46.3	A			47.3	A			33.3	B			34.9	B			44.5	A			37.3	A			24.7	C			26.9	C		
Trailwood Dr./Lotus Landing Blvd. to W. Town Pkwy.	0.56	32.7	B	27.1	C	27.3	C	23.5	C	40.9	A	26.6	C	23.5	C	25.0	C	35.4	A	25.8	C	35.3	A	36.3	A	39.7	A	41.3	A	30.3	B	34.1	B	41.2	A	29.5	B	44.0	A	26.2	C
W. Town Pkwy. to Orange Ave.	0.24	40.0	A			36.5	A			44.3	A			37.3	A			43.2	A			33.9	B			45.9	A			39.0	A			27.3	C			26.8	C		
Orange Ave. to SR 436	0.25	8.1	F	13.9	E	18.9	D	25.1	C	10.8	F	17.9	D	14.2	E	20.9	D	9.9	F	16.4	E	11.9	F	18.0	D	9.7	F	16.5	E	9.2	F	15.3	E	14.1	E	18.7	D	15.8	E	20.0	D
SR 436 to San Sebastian Prado	0.45	40.3	A			34.6	B			27.8	C			38.1	A			41.7	A			44.3	A			37.5	A			38.0	A			40.6	A			36.8	A		
San Sebastian Prado to Sand Lake Rd.	0.55	38.1	A	39.1	A	23.5	C	27.6	C	23.8	C	25.5	C	32.2	B	34.7	B	27.5	C	32.6	B	29.5	B	34.7	B	25.8	C	30.0	B	26.2	C	30.5	B	34.7	B	37.2	A	28.7	B	31.9	B
Sand Lake Rd. to Jamestown Blvd.	0.19	19.4	D			14.5	E			21.5	D			30.1	B			22.4	C			22.4	C			32.6	B			36.8	A			21.9	D			19.3	D		
Jamestown Blvd. to E. Lake Brantley Rd.	0.48	41.9	A			28.8	B			34.0	B			35.1	A			38.5	A			36.5	A			33.5	B			38.4	A			35.6	A			28.2	B		
E. Lake Brantley Rd. to Wekiva Springs Ln.	0.44	25.1	C			15.6	E			38.4	A			29.9	B			41.3	A			37.2	A			35.2	A			40.6	A			28.7	B			33.1	B		
Wekiva Springs Ln. to Wekiva Springs Rd./Montgomery Rd.	0.23	5.3	F	16.5	E	4.8	F	12.8	F	6.0	F	18.6	D	5.9	F	18.4	D	8.1	F	22.6	C	6.8	F	19.6	D	26.7	C	32.4	B	9.2	F	24.7	C	8.8	F	20.8	D	12.5	F	22.7	C
Wekiva Springs Rd./Montgomery Rd. to Gum St./The Springs	0.11	10.3	F			8.6	F			17.3	D			10.0	F			16.8	E			22.0	D			28.7	B			33.0	B			26.4	C			31.4	B		
Gum St./The Springs to Springs Center Blvd.	0.35	10.2	F			17.0	D			13.6	E			14.1	E			25.3	C			16.8	E			39.7	A			36.6	A			24.4	C			15.7	E		
Springs Center Blvd. to Markham Woods Rd.	0.23	12.1	F	10.8	F	8.8	F	11.5	F	9.4	F	12.3	F	14.0	E	13.1	E	7.0	F	13.1	E	10.2	F	14.6	E	19.4	D	29.2	B	9.8	F	20.3	D	10.4	F	17.6	D	9.5	F	14.1	E
Markham Woods Rd. to Douglas Ave.	0.07																																								
Douglas Ave. to I-4 (W. Ramps)	0.14	10.7	F			9.5	F			19.7	D			8.0	F			15.1	E			20.4	D			26.5	C			26.5	C			30.0	B			13.9	E		
I-4 (W. Ramps) to I-4 (E. Ramps)*	0.07	27.9	C	12.8	F	24.9	C	11.7	F	11.0	F	16.1	E	30.1	B	10.3	F	27.6	C	17.1	D	38.2	A	23.3	C	26.2	C	26.4	C	32.3	B	27.9	C	36.9	A	31.8	B	32.0	B	16.7	E
I-4 (E. Ramps) to Raymond Ave.*	0.13	29.0	B	29.0	B	30.2	B	30.2	B	36.3	A	36.3	A	30.6	B	30.6	B	16.6	E	16.6	E	28.0	C	28.0	C	32.3	B	32.3	B	19.5	D	19.5	D	8.7	F	8.7	F	30.0	B	30.0	B
Raymond Ave. to Tarrytown Tr./Roxboro Rd.*	0.48	43.1	A			43.9	A			39.5	A			40.9	A			45.0	A			41.7	A			41.7	A			38.4	A			40.3	A			40.3	A		
Tarrytown Tr./Roxboro Rd. to Tollgate Tr.*	0.35	41.3	A			43.7	A			38.2	A			43.1	A			41.3	A			34.6	B			41.6	A			40.8	A			42.9	A			43.7	A		
Tollgate Tr. to Palm Springs Dr.*	0.17	15.3	E	32.5	B	12.4	F	30.7	B	15.3	E	30.9	B	11.5	F	28.9	B	15.8	E	33.5	B	17.9	D	32.1	B	14.0	E	31.1	B	8.4	F	24.1	C	10.3	F	27.4	C	8.6	F	25.4	C
Palm Springs Dr. to Rangeline Rd.*	0.58	34.5	B			35.5	A	32.3	B	34.9	B	34.9	B	34.4	B	34.4	B	39.7	A	39.7	A	30.3	B	30.3	B	35.9	A	35.9	A	40.5	A	40.5	A	38.2	A	38.2	A	19.8	D	19.8	D
Rangeline Rd. to Florida Central Pkwy.	0.57	23.0	C			21.9	D			20.5	D			18.5	D			24.9	C			18.0	D			33.3	B			26.0	C			30.8	B			22.4	C		
Florida Central Pkwy. to CR 427/Ronald Reagan Blvd.	0.40	28.1	B	27.8	C	35.7	A	29.0	B	28.0	B	23.0	C	23.8	C	20.3	D	30.7	B	27.0	C	32.4	B	22.1	C	34.8	B	33.9	B	34.8	B	29.1	B	38.1	A	33.4	B	31.6	B	25.4	C
CR 427/Ronald Reagan Blvd. to Grant St.	0.49	37.9	A			24.2	C			29.7	B			35.2	A			33.8	B			53.6	A			42.9	A			41.1	A			40.0	A			41.1	A		
Grant St. to S. Wayman St.	0.25	36.3	A			35.5	A			31.4	B			32.8	B			34.4	B			38.9	A			41.1	A			38.9	A			45.9	A			41.1	A		
S. Wayman St. to US 17/92	0.41	19.6	D	28.4	B	14.4	E	20.7	D	18.4	D	24.7	C	19.5	D	27.1	C	13.4	E	22.1	C	14.1	E	28.6	B	16.0	E	26.6	C	13.5	E	23.6	C	22.6	C	32.2	B	14.6	E	25.2	C
US 17/92 to Sun Shadow Dr.	0.33	27.3	C			21.6	D			33.6	B			26.5	C			26.6	C			38.1	A			33.0	B			34.1	B			36.4	A			37.1	A		
Sun Shadow Dr. to Timberlane Tr.	0.12	33.2	B			26.2	C			36.3	A			34.0	B			36.8	A			40.5	A			37.8	A			41.4	A			36.0	A			25.7	C		
Timberlane Tr. to Sheoah Blvd.	0.37	21.1	D			28.4	B			16.8	E			19.9	D			33.0	B			22.9	C			17.6	D			28.2	B			37.3	A			22.3	C		
Sheoah Blvd. to Edgemon Ave.	0.23	18.5	D			25.7	C			29.6	B			22.5	C			36.2	A			22.9	C			17.0	D			29.3	B			27.6	C			40.6	A		
Edgemon Ave. to Moss Rd.	0.25	33.4	B	24.5	C	32.9	B	26.2	C	29.9	B	25.4	C	33.8	B	25.1	C	29.3	B	31.4	B	30.0	B	30.1	B	28.3	B	25.1	C	26.8	C	31.7	B	31.2	B	33.6	B	32.6	B	30.5	B
Moss Rd. to Hayes Rd.	0.62	29.3	B			37.3	A			41.5	A			38.7	A			42.0	A			41.1	A			43.0	A			36.0	A			38.3	A			40.9	A		
Hayes Rd. to SR 419	0.31	29.4	B	29.3	B	41.9	A	38.6	A	36.3	A	39.7	A	27.9	C	34.4	B	28.8	B	36.7	A	41.3	A	41.2	A	35.1	A	40.0	A	45.4	A	38.6	A	46.2	A	40.6	A	33.3	B	38.1	A
SR 419 to Consolidated Services/Orange Ave.	0.18	39.9	B			37.3	B			31.7	C			29.5	C			35.7	B			41.5	B			34.8	B			40.0	B			47.0	A			20.4	E		
Consolidated/Orange Ave. to Winding Hollow Blvd.	0.47	32.1	C			44.0	A			37.3	B			38.4	B			36.5	B			33.0	C			27.2	C			22.4	D			30.7	C			41.5	B		
Winding Hollow Blvd. to Central Winds Park	0.74	43.9	A			44.2	A			44.9	A			49.3	A			42.6	A			36.3	B			37.9	B			42.8	A			33.5	C			41.5	B		
Central Winds Park to Doran Rd.	0.42	26.4	D	33.4	C	29.9	C	37.5	B	46.6	A			39.4	B			43.8	A			45.6	A			40.0	B			39.4	B			35.5	B			45.0	A		
Doran Rd. to Tuskawilla Rd.	0.30									22.8	D	37.4	B	16.8	E	34.5	B	25.6	D	37.4	B	24.0	D	34.8	B	19.1	E	31.1	C	42.0	B	35.0	B	15.4	F	29.4	C	17.8	E	33.2	C
Tuskawilla Rd. to Spring Ave.	1.74	49.2	A			49.2	A			48.8	A			52.4	A			47.5	A			51.8	A			48.3	A			48.1	A			46.7	A			48.5	A		
Spring Ave. to Vistawilla Dr.	0.20	26.7	D			20.2	E			37.8	B			48.5	A			26.2	D			21.4	D			32.4	C			44.4	A			26.1	D			38.7	B		
Vistawilla Dr. to SR 417 (S. Ramps)	0.33	24.2	D	40.2	B	22.4	D	38.0	B	24.6	D	41.8	B	23.4	D	44.1	A	18.3	E	36.5	B	27.8	C	41.6	B	36.2	B	44.2	A	17.5	E	38.1	B	30.5	C	40.7	B	28.7	C	43.2	A
SR 417 (S. Ramps) to SR 417 (N. Ramps)	0.11	27.2	C			23.8	D			24.1	D			18.8	E			25.4	D			26.7	D			42.4	A			24.8	D			21.3	D			18.9	E		
SR 417 (N. Ramps) to Palm Dr.	0.22	39.3	B			40.1	B			39.2	B			33.9	C			34.9	B			40.0	B			36.4	B			37.5	B			36.7	B			37.7	B		
Palm Dr. to De Leon St.	0.81	43.9	A	40.8	B	37.5	B	36.2	B	43.2	A	39.6	B	44.1	A	37.7	B	41.6	B	38.1	B	39.7	B	38.0	B	39.4	B	39.1	B	42.8	A	38.9	B	43.5	A	38.3	B	41.7	B	36.7	B
De Leon St. to Magnolia St.	0.92	34.6	B			35.4	A			36.5	A			39.8	A			33.7	B			32.5	B			35.2	A			36.2	A			36.9	A			36.6	A		
Magnolia St. to SR 426/CR 419	0.47	17.0	E	25.6	C	16.5	E	25.4	C	12.6	F	22.3	C	16.7	E	27.1	C	16.8	E	24.9	C	15.4	E	23.0	C	13.7	E	23.1	C	12.3	F	21.9	D	12.4	F	22.0	C	15.0	E	24.6	C
SR 426/CR 419 to Clark St.	0.25	32.3	B			31.6	B			31.9	B			32.9	B			23.0	C			31.9	B			24.6	C			30.0	B			32.6	B			19.7	D		
Clark St. to Mitchell Hammock Rd.	0.77	23.6	C			19.6	D			16.8	E			17.7	D			22.1	C			18.2	D			22.8	C			20.6	D			16.0	E			13.7	E		
Mitchell Hammock Rd. to Alafaya Woods Blvd.	0.44	41.6	A	28.7	B	39.1	A	25.2	C	35.5	A	22.3	C	24.1	C	21.2	D	35.7	A	25.3	C	32.7	B	23.0	C	28.7	B	24.6	C	24.3	C	22.9	C	25.0	C	20.0	D	39.7	A	18.4	D
Alafaya Woods Blvd. to Chapman Rd.	0.57	31.1	B			25.3	C			29.9	B			25.2	C			25.4	C			27.4	C			40.7	A			38.0	A			40.2	A			43.8	A		
Chapman Rd. to Stillwater Dr.	0.62	46.3	A			33.9	B			44.7	A			48.0	A			32.7	B			48.3	A			43.8	A			45.4	A			46.9	A			45.7	A		
Stillwater Dr. to Carrigan Ave.	0.39	38.1	A			36.7	A			46.0	A			33.7	B			39.8	A			34.9	B			32.1	B			23.4	C			31.2	B			38.7	A		
Carrigan Ave. to Econ River Pl.	0.16	43.6	A			35.2	A			50.3	A			44.8	A			37.1	A			46.4	A			46.4	A			25.5	C			26.7	C			45.7	A		
Econ River Pl. to E. Palm Valley Dr.	0.58	44.1	A			48.4	A			42.4	A			49.0	A			35.4	A			35.5	A			32.8	B			41.4	A			43.0	A			36.2	A		
E. Palm Valley Dr. to McCulloch Rd.	0.26	20.6	D	36.2	A	15.7	E	30.7	B	13.9	E	33.5	B	15.8	E	32.7	B	19.7	D	30.3	B	15.6	E	31.8	B	11.5	F	30.7	B	11.1	F	28.9	B	12.1	F	31.9	B	20.0	D	37.3	A
McCulloch Rd. to Orange County Line	0.03	27.3	C	27.3	C	21.4	D	21.4	D	43.1	A	43.1	A	26.6	C	26.6	C	11.6	F	11.6	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average				27.1	C			25.5	C			26.9	C			26.9	C			27.2	C			28.6	B			30.7	B			28.5	B			28.4	B			27.4	C

Note: *From 2012, construction in progress on SR 434 from I-4 to Rangeline Rd (Financial Project ID: 240233-3-52-01) which may have skewed the LOS for the segments.

TABLE S3.1b
Year 2014 Seminole County Travel Time & Delay Study
SR 434 (Parts A, B, & C) Eastbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
PM PEAK HOUR																																									
Orange County Line to Maitland Blvd.	0.01	6.8	F			2.0	F			2.1	F			5.2	F			1.9	F			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maitland Blvd. to Gateway Dr.	0.30	23.8	C			13.4	E			25.0	C			18.7	D			21.9	D			19.3	D			32.4	B			23.8	C			16.2	E			19.3	D		
Gateway Dr. to Tailwood Dr./Lotus landing Blvd.	0.45	37.0	A			26.4	C			31.6	B			26.6	C			28.6	B			27.1	C			46.0	A			43.8	A			30.3	B			43.3	A		
Trailwood Dr./Lotus Landing Blvd. to W. Town Pkwy.	0.56	29.7	B	28.9	B	17.6	D	16.9	E	24.4	C	22.8	C	16.9	E	19.3	D	32.7	B	23.9	C	28.6	B	25.5	C	28.4	B	34.1	B	40.8	A	36.2	A	37.5	A	27.3	C	32.7	B	30.6	B
W. Town Pkwy. to Orange Ave.	0.24	29.9	B			35.7	A			29.9	B			20.6	D			32.7	B			20.8	D			22.3	C			16.4	E			22.1	C			20.8	D		
Orange Ave. to SR 436	0.25	7.0	F	11.6	F	6.7	F	11.7	F	6.9	F	11.4	F	6.7	F	10.2	F	8.2	F	13.4	E	14.0	E	16.9	E	15.5	E	18.4	D	17.6	D	16.9	E	9.3	F	13.2	E	11.4	F	14.8	E
SR 436 to San Sebastian Prado	0.45	35.7	A			37.8	A			40.4	A			38.1	A			37.3	A			28.4	B			32.1	B			37.5	A			39.4	A			41.8	A		
San Sebastian Prado to Sand Lake Rd.	0.55	36.2	A	36.0	A	42.0	A	39.9	A	43.7	A	42.1	A	38.4	A	38.3	A	34.1	B	35.5	A	29.5	B	29.0	B	31.7	B	31.9	B	22.1	C	27.1	C	22.6	C	28.1	B	33.0	B	36.5	A
Sand Lake Rd. to Jamestown Blvd.	0.19	17.3	D			20.0	D			42.1	A			26.9	C			22.4	C			9.7	F			20.0	D			14.8	E			13.4	E			18.7	D		
Jamestown Blvd. to E. Lake Brantley Rd.	0.48	30.2	B			37.5	A			34.4	B			34.8	B			26.9	C			28.0	C			30.6	B			30.0	B			28.5	B			29.1	B		
E. Lake Brantley Rd. to Wekiva Springs Ln.	0.44	28.3	B			17.0	E			38.4	A			37.5	A			40.1	A			18.9	D			33.0	B			40.0	A			39.7	A			41.0	A		
Wekiva Springs Ln. to Wekiva Springs Rd./Montgomery Rd.	0.23	9.2	F	20.0	D	4.4	F	13.4	E	7.0	F	21.5	D	19.5	D	30.3	B	14.8	E	25.4	C	8.6	F	15.3	E	10.0	F	21.6	D	9.9	F	21.1	D	13.8	E	22.6	C	38.9	A	30.9	B
Wekiva Springs Rd./Montgomery Rd. to Gum St./The Springs	0.11	9.3	F			10.9	F			31.6	B			21.3	D			24.2	C			13.2	E			31.4	B			22.0	D			34.7	B			38.8	A		
Gum St./The Springs to Springs Center Blvd.	0.35	12.9	F			9.3	F			12.4	F			14.5	E			17.8	D			13.8	E			31.6	B			26.9	C			17.0	E			34.4	B		
Springs Center Blvd. to Markham Woods Rd.	0.23	9.1	F	10.7	F	5.7	F	7.8	F	6.6	F	10.5	F	6.1	F	10.3	F	8.3	F	13.4	E	6.0	F	10.0	F	10.5	F	20.1	D	7.8	F	15.6	E	5.4	F	10.9	F	14.2	E	24.5	C
Markham Woods Rd. to Douglas Ave.	0.07																																								
Douglas Ave. to I-4 (W. Ramps)	0.14	23.7	C			8.3	F			8.5	F			5.0	F			10.0	F			14.2	E			20.4	D			13.4	E			12.8	F			15.0	E		
I-4 (W. Ramps) to I-4 (E. Ramps)*	0.07	34.0	B	25.8	C	10.6	F	8.8	F	11.6	F	9.2	F	26.8	C	6.5	F	27.6	C	12.2	F	32.3	B	16.8	E	15.0	E	18.6	D	28.0	C	15.6	E	32.0	B	15.6	E	30.0	B	17.6	D
I-4 (E. Ramps) to Raymond Ave.*	0.13	35.7	A	35.7	A	17.4	D	17.4	D	15.7	E	15.7	E	21.5	D	21.5	D	21.0	D	21.0	D	22.1	C	22.1	C	36.5	A	36.5	A	20.0	D	20.0	D	14.7	E	14.7	E	18.6	D	18.6	D
Raymond Ave. to Tarrytown Tr./Roxboro Rd.*	0.48	44.5	A			39.9	A			43.0	A			42.3	A			45.1	A			43.0	A			41.7	A			39.5	A			10.6	F			38.7	A		
Tarrytown Tr./Roxboro Rd. to Tollgate Tr.*	0.35	29.6	B			28.9	B			39.7	A			40.2	A			33.7	B			41.6	A			35.2	A			37.1	A			26.2	C			42.0	A		
Tollgate Tr. to Palm Springs Dr.*	0.17	10.5	F	25.8	C	14.2	E	27.7	C	19.6	D	35.0	B	19.5	D	34.9	B	13.0	E	29.5	B	13.1	E	30.6	B	14.4	E	30.0	B	35.2	A	37.8	A	18.2	D	14.7	E	6.3	F	21.1	D
Palm Springs Dr. to Rangeline Rd.*	0.58	29.9	B			29.9	B	28.5	B	31.5	B	31.5	B	29.9	B	29.9	B	34.6	B	34.6	B	29.7	B	29.7	B	35.2	A	35.2	A	38.7	A	38.7	A	17.9	D	17.9	D	32.5	B	32.5	B
Rangeline Rd. to Florida Central Pkwy.	0.57	23.6	C			18.9	D			10.9	F			17.3	D			31.1	B			24.2	C			19.8	D			16.8	E			10.5	F			20.4	D		
Florida Central Pkwy. to CR 427/Ronald Reagan Blvd.	0.40	11.9	F	20.2	D	13.1	E	19.4	D	15.0	E	12.2	F	21.5	D	18.8	D	23.3	C	27.3	C	13.3	E	18.1	D	17.8	D	18.9	D	14.4	E	15.7	E	15.1	E	12.0	F	18.9	D	19.7	D
CR 427/Ronald Reagan Blvd. to Grant St.	0.49	30.2	B			20.9	D			37.4	A			29.1	B			36.6	A			48.0	A			40.5	A			39.0	A			33.0	B			39.0	A		
Grant St. to S. Wayman St.	0.25	23.5	C			31.0	B			43.0	A			37.4	A			37.0	A			31.3	B			40.0	A			37.9	A			33.9	B			42.2	A		
S. Wayman St. to US 17/92	0.41	11.5	F	18.5	D	14.8	E	19.5	D	14.0	E	24.1	C	15.4	E	23.1	C	16.2	E	25.4	C	13.2	E	25.9	C	16.0	E	26.1	C	11.6	F	21.1	D	27.0	C	30.8	B	11.7	F	21.7	D
US 17/92 to Sun Shadow Dr.	0.33	11.3	F			17.6	D			32.2	B			27.0	C			18.0	D			22.2	C			28.7	B			31.4	B			17.1	D			29.6	B		
Sun Shadow Dr. to Timberlane Tr.	0.12	10.6	F			31.4	B			40.8	A			37.1	A			35.8	A			30.5	B			32.2	B			36.2	A			23.8	C			40.5	A		
Timberlane Tr. to Sheoah Blvd.	0.37	20.6	D			39.3	A			39.6	A			38.9	A			37.4	A			26.7	C			32.7	B			42.4	A			33.7	B			30.0	B		
Sheoah Blvd. to Edgemon Ave.	0.23	30.0	B			32.5	B			22.4	C			27.8	C			27.8	C			30.0	B			35.0	B			21.0	D			28.7	B			29.4	B		
Edgemon Ave. to Moss Rd.	0.25	29.1	B	17.2	D	38.6	A	28.4	B	26.7	C	30.9	B	26.7	C	30.7	B	27.6	C	26.5	C	27.3	C	26.7	C	33.3	B	31.9	B	27.3	C	30.5	B	34.9	B	24.8	C	34.9	B	32.3	B
Moss Rd. to Hayes Rd.	0.62	31.2	B			30.5	B			39.4	A			35.2	A			31.4	B			41.5	A			36.7	A			40.6	A			32.6	B			41.3	A		
Hayes Rd. to SR 419	0.31	24.9	C	28.9	B	24.8	C	28.4	B	27.6	C	34.6	B	29.3	B	33.2	B	29.3	B	32.2	B	45.4	A	42.7	A	39.6	A	37.6	A	31.5	B	37.1	A	35.3	A	33.5	B	24.3	C	33.7	B
SR 419 to Consolidated Services/Orange Ave.	0.18	35.2	B			29.0	C			38.0	B			37.1	B			38.4	B			33.7	C			38.6	B			37.2	B			33.7	C			20.8	E		
Consolidated/Orange Ave. to Winding Hollow Blvd.	0.47	36.4	B			32.3	C			28.4	C			31.8	C			25.3	D			34.3	B			32.6	C			23.8	D			29.3	C			36.0	B		
Winding Hollow Blvd. to Central Winds Park	0.74	48.7	A			42.5	A			38.2	B			47.1	A			43.7	A			47.0	A			48.0	A			36.6	B			42.8	A			46.0	A		
Central Winds Park to Doran Rd.	0.42	29.0	C	36.4	B	21.7	D	29.5	C	43.1	A			41.3	B			36.2	B			43.8	A			40.6	B			22.5	D			33.6	C			36.0	B		
Doran Rd. to Tuskawilla Rd.	0.30									18.5	E	32.0	C	11.1	F	29.6	C	18.7	E	31.4	C	24.0	D	37.2	B	13.0	F	31.4	C	22.4	D	27.5	C	13.1	F	28.9	C	28.9	C	35.3	B
Tuskawilla Rd. to Spring Ave.	1.74	47.1	A			49.4	A			47.8	A			50.4	A			43.2	A			51.5	A			49.0	A			47.4	A			45.9	A			48.3	A		
Spring Ave. to Vistawilla Dr.	0.20	36.6	B			19.6	E			18.2	E			24.5	D			29.4	C			37.5	B			26.7	D			42.9	A			33.3	C			42.9	A		
Vistawilla Dr. to SR 417 (S. Ramps)	0.33	17.4	E	37.0	B	18.4	E	35.7	B	14.8	F	32.7	C	17.8	E	37.2	B	22.8	D	37.0	B	36.9	B	47.3	A	19.6	E	37.9	B	26.7	D	42.2	A	27.4	C	40.5	B	18.8	E	39.0	B
SR 417 (S. Ramps) to SR 417 (N. Ramps)	0.11	20.5	E			22.2	D			21.4	D			15.0	F			17.1	E			28.8	C			14.7	F			23.2	D			28.7	C			28.7	C		
SR 417 (N. Ramps) to Palm Dr.	0.22	36.4	B			34.0	C			37.5	B			38.5	B			38.1	B			36.4	B			35.3	B			27.9	C			37.7	B			34.7	B		
Palm Dr. to De Leon St.	0.81	41.9	B	37.3	B	39.0	B	35.6	B	43.2	A	38.7	B	41.6	B	35.5	B	39.2	B	35.2	B	40.0	B	38.0	B	41.3	B	33.9	C	40.3	B	34.9	B	41.0	B	38.8	B	38.4	B	36.5	B
De Leon St. to Magnolia St.	0.92	37.6	A			41.0	A			34.0	B			38.3	A			35.1	A			32.5	B			35.2	A			37.1	A			34.1	B			31.0	B		
Magnolia St. to SR 426/CR 419	0.47	9.3	F	18.6	D	10.6	F	20.7	D	18.8	D	26.6	C	17.3	D	27.1	C	18.6	D	26.9	C	21.1	D	27.1	C	13.8	E	23.2	C	13.3	E	23.2	C	10.1	F	18.8	D	15.2	E	22.9	C
SR 426/CR 419 to Clark St.	0.25	28.9	B			26.4	C			32.5	B			24.5	C			23.7	C			33.3	B			20.0	D			15.5	E			31.9	B			16.0	E		
Clark St. to Mitchell Hammock Rd.	0.77	15.4	E			13.7	E			19.2	D			13.0	E			19.9	D			20.8	D			22.9	C			14.7	E			14.0	E			14.6	E		
Mitchell Hammock Rd. to Alafaya Woods Blvd.	0.44	24.5	C	19.1	D	22.5	C	17.3	D	43.2	A	25.5	C	37.1	A	18.2	D	22.5	C	21.2	D	31.5	B	25.0	C	25.8	C	23.1	C	37.4	A	18.2	D	38.0	A	19.8	D	27.0	C	17.3	D
Alafaya Woods Blvd. to Chapman Rd.	0.57	27.9	C			29.2	B			24.1	C			30.2	B			25.3	C			19.4	D			49.6	A			46.2	A			29.0	B			27.4	C		
Chapman Rd. to Stillwater Dr.	0.62	36.1	A			45.6	A			46.2	A			46.8	A			43.4	A			46.5	A			51.0	A			46.5	A			43.1	A			29.5	B		
Stillwater Dr. to Carrigan Ave.	0.39	40.3	A			42.0	A			29.5	B			38.1	A			39.8	A			43.3	A			47.8	A			42.5	A			34.8	B			47.1	A		
Carrigan Ave. to Econ River Pl.	0.16	44.0	A			30.1	B			41.5	A			43.7	A			46.4	A			46.4	A			51.0	A			46.4	A			43.6	A			50.5	A		
Econ River Pl. to E. Palm Valley Dr.	0.58	44.6	A			44.6	A			43.0	A			29.0	B			48.4	A			45.2	A			49.7	A			41.9	A			43.0	A			37.0	A		
E. Palm Valley Dr. to McCulloch Rd.	0.26	26.3	C	35.0	A	23.0	C	35.9	A	26.9	C	33.5	B	24.1	C	33.7	B	30.7	B	36.6	A	8.6	F	26.3	C	17.5	D	42.0	A	14.2	E	36.6	A	16.4	E	32.9	B	11.6	F	28.2	B
McCulloch Rd. to Orange County Line	0.03	40.9	A	40.9	A	24.5	C	24.5	C	37.0	A	37.0	A	19.4	D	19.4	D	30.5	B	30.5	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average				24.0	C			21.7	D			25.1	C			24.9	C			27.2	C			25.8	C			28.9	B			26.6	C			23.2	C			27.0	C

Note: *From 2012, construction in progress on SR 434 from I-4 to Rangeline Rd (Financial Project ID: 240233-3-52-01) which may have skewed the LOS for the segments.

TABLE S3.2a
Year 2014 Seminole County Travel Time & Delay Study
SR 434 (Parts A, B, & C) - Westbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
Orange County Line to McCullouch Rd.	0.04	5.7	F	5.7	F	28.9	B	28.9	B	25.0	C	25.0	C	31.0	B	31.0	B	1.5	F	1.5	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
McCulloch Rd to E. Palm Valley Dr.	0.27	31.7	B			33.4	B			43.0	A			37.5	A			36.4	A			26.0	C			31.8	B			21.1	D			24.8	C			41.1	A		
E. Palm Valley Dr. to Econ River Pl.	0.59	50.8	A			49.6	A			51.8	A			50.7	A			44.7	A			50.4	A			47.7	A			47.0	A			45.8	A			49.7	A		
Econ River Pl. to Carrigan Ave.	0.16	28.4	B			46.4	A			46.4	A			33.7	B			23.4	C			23.2	C			26.2	C			28.3	B			29.1	B			48.0	A		
Carrigan Ave. to Stillwater Dr.	0.40	49.0	A			43.9	A			51.5	A			49.6	A			45.9	A			47.8	A			45.0	A			45.9	A			49.0	A			50.0	A		
Stillwater Dr. to Chapman Rd.	0.61	28.2	B			48.8	A			28.1	B			24.0	C			27.3	C			27.0	C			36.1	A			29.8	B			39.4	A			26.7	C		
Chapman Rd. to Alafaya Woods Blvd.	0.58	44.6	A	38.0	A	34.9	B	42.3	A	41.4	A	40.4	A	42.5	A	37.0	A	34.7	B	34.7	B	27.4	C	32.0	B	40.2	A	38.8	A	42.7	A	35.3	A	34.9	B	37.6	A	34.9	B	37.7	A
Alafaya Woods Blvd. to Mitchell Hammock Rd.	0.43	17.0	D			19.5	D			19.7	D			18.4	D			15.1	E			16.0	E			31.9	B			19.1	D			31.4	B			20.9	D		
Mitchell Hammock Rd. to Clark St.	0.75	31.6	B			28.7	B			34.0	B			30.9	B			33.6	B			33.5	B			33.5	B			34.3	B			34.4	B			33.8	B		
Clark St. to SR 426/CR 419	0.25	13.5	E	21.3	D	11.0	F	20.0	D	8.3	F	19.1	D	8.5	F	18.4	D	12.4	F	20.0	D	8.3	F	17.5	D	6.0	F	17.4	D	10.9	F	20.7	D	8.5	F	21.2	D	8.5	F	19.1	D
SR 426/CR 419 to Magnolia St.	0.47	27.3	C			18.6	D			18.0	D			22.8	C			22.0	C			22.6	C			21.3	D			23.0	C			19.6	D			25.7	C		
Magnolia St. to De Leon St.	0.93	40.3	A	34.7	B	30.7	B	25.2	C	37.9	A	27.4	C	38.7	A	31.2	B	38.8	A	30.8	B	37.7	A	30.0	B	39.0	A	30.2	B	39.0	A	31.3	B	40.7	A	29.7	B	36.9	A	32.1	B
De Leon St. to Palm Dr.	0.81	41.1	B			31.3	C			39.1	B			41.3	B			41.7	B			40.3	B			40.7	B			33.7	C			37.3	B			38.7	B		
Palm Dr. to SR 417 (N. Ramps)	0.23	22.5	D			31.0	C			19.0	E			18.7	E			23.7	D			27.9	C			30.8	C			18.2	E			14.5	F			23.2	D		
SR 417 (N. Ramps) to SR 417 (S. Ramps)	0.11	32.5	C	34.7	B	23.5	D	30.2	C	37.1	B	32.5	C	30.4	C	32.9	C	19.7	E	33.2	C	28.8	C	36.4	B	24.8	D	36.2	B	36.0	B	29.5	C	20.6	E	27.1	C	34.7	B	34.0	C
SR 417 (S. Ramps) to Vistawilla Dr.	0.31	45.5	A			26.7	D			36.3	B			35.1	B			42.8	A			39.2	B			42.7	A			44.6	A			48.0	A			44.6	A		
Vistawilla Dr. to Spring Ave.	0.21	50.0	A			33.7	C			42.9	A			48.1	A			39.3	B			48.0	A			46.2	A			46.2	A			50.0	A			42.9	A		
Spring Ave. to Tuskawilla Rd.	1.76	35.1	B	37.3	B	46.0	A	40.6	B	42.0	B	41.2	B	39.7	B	39.7	B	41.9	B	41.7	B	43.3	A	43.0	A	42.2	A	42.6	A	35.6	B	37.5	B	37.0	B	39.2	B	44.3	A	44.2	A
Tuskawilla Rd. to Doran Rd.	0.30	41.0	B			32.6	C			22.9	D			30.5	C			28.3	C			43.1	A			28.0	C			17.1	E			31.8	C			39.5	B		
Doran Rd. to Central Winds Park	0.42									48.8	A			26.5	D			40.1	B			43.0	A			39.4	B			35.0	B			34.1	B			33.2	C		
Central Winds Park to Winding Hollow Blvd.	0.74	33.2	C			41.8	B			39.8	B			43.1	A			45.9	A			30.4	C			34.6	B			41.1	B			38.2	B			34.3	B		
Winding Hollow Blvd. to Consolidated/Orange Ave.	0.46	34.3	B			34.4	B			39.2	B			40.5	B			37.2	B			43.3	A			41.9	B			38.3	B			33.7	C			36.5	B		
Consolidated/Orange Ave. to SR 419	0.18	21.8	D	34.2	B	34.8	B	35.8	B	18.7	E	34.4	B	27.1	C	34.5	B	12.7	F	33.3	C	34.8	B	36.8	B	21.6	D	33.8	C	34.8	B	32.6	C	21.6	D	33.3	C	10.1	F	28.9	C
SR 419 to Hayes Rd.	0.30	38.1	A			38.6	A			37.8	A			37.9	A			40.3	A			38.0	A			44.3	A			43.3	A			35.3	A			35.3	A		
Hayes Rd. to Moss Rd.	0.63	43.0	A	41.2	A	41.2	A	40.3	A	40.6	A	39.6	A	37.5	A	37.7	A	41.5	A	41.1	A	40.6	A	39.7	A	43.4	A	43.7	A	43.0	A	43.1	A	32.3	B	33.3	B	37.6	A	36.8	A
Moss Rd. to Edgemon Ave.	0.25	24.9	C			37.5	A			27.8	C			31.7	B			33.3	B			34.9	B			41.7	A			27.3	C			38.5	A			40.5	A		
Edgemon Ave. to Sheoah Blvd.	0.24	10.8	F			13.5	E			19.1	D			29.4	B			34.7	B			21.4	D			27.4	C			16.8	E			35.4	A			29.4	B		
Sheoah Blvd. to Timberlane Tr.	0.37	31.4	B			25.8	C			28.0	B			28.9	B			34.0	B			32.7	B			43.6	A			28.8	B			33.7	B			30.7	B		
Timberlane Tr. to Sun Shadow Dr.	0.13	14.8	E			14.7	E			17.6	D			29.7	B			23.4	C			29.5	B			41.4	A			29.0	B			19.1	D			22.5	C		
Sun shadow Dr. to US 17/92	0.34	15.5	E	18.0	D	11.1	F	17.1	D	10.5	F	17.9	D	20.2	D	26.6	C	17.5	D	25.9	C	9.9	F	19.6	D	10.2	F	22.5	C	12.8	F	20.1	D	16.5	E	24.1	C	15.1	E	23.6	C
US 17/92 to S. Wayman St.	0.42	37.2	A			29.4	B			29.3	B			35.0	A			34.1	B			36.7	A			40.3	A			39.0	A			39.7	A			37.3	A		
S. Wayman St. to Grant St.	0.26	33.0	B			22.1	C			25.3	C			23.3	C			27.8	C			32.7	B			30.6	B			38.9	A			33.9	B			43.3	A		
Grant St. to CR 427/Ronald Reagan Blvd.	0.51	17.1	D	24.5	C	20.8	D	23.6	C	21.3	D	24.6	C	23.2	C	26.5	C	19.3	D	24.9	C	28.0	C	30.9	B	27.5	C	31.8	B	33.7	B	36.5	A	28.6	B	33.0	B	23.8	C	30.8	B
CR 427/Ronald Reagan Blvd. to Florida Central Pkwy.	0.39	36.8	A			24.6	C			18.7	D			22.8	C			29.3	B			32.4	B			35.8	A			37.5	A			29.6	B			36.9	A		
Florida Central Pkwy. to Rangeline Rd.	0.56	35.2	A			34.7	B			24.5	C			28.8	B			25.4	C			34.3	B			26.2	C			36.9	A			31.1	B			33.2	B		
Rangeline Rd. to Palm Springs Dr.*	0.58	31.7	B	34.2	B	23.9	C	27.2	C	26.0	C	23.2	C	29.4	B	27.1	C	27.8	C	27.2	C	32.5	B	33.1	B	39.5	A	32.6	B	40.5	A	38.3	A	39.1	A	33.2	B	29.5	B	32.5	B
Palm Springs Dr. to Tollgate Tr.*	0.18	28.0	B			31.4	B			30.7	B			23.2	C			26.2	C			39.2	A			42.5	A			40.8	A			42.5	A			24.9	C		
Tollgate Tr. to Tarrytown Tr./Roxboro Rd.*	0.34	33.1	B			40.0	A			40.0	A			40.7	A			42.1	A			40.0	A			42.5	A			40.8	A			42.9	A			41.2	A		
Tarrytown Tr./Roxboro Rd. to Raymond Ave.*	0.49	14.4	E	20.0	D	13.5	E	21.4	D	26.8	C	29.0	B	22.0	C	27.6	C	26.8	C	29.6	B	22.9	C	30.4	B	28.2	B	34.1	B	11.9	F	18.7	D	14.8	E	22.3	C	19.2	D	24.7	C
Raymond Ave. to I-4 (E. Ramps)*	0.13	6.2	F	6.2	F	9.7	F	9.7	F	11.1	F	11.1	F	9.9	F	9.9	F	9.2	F	9.2	F	7.4	F	7.4	F	13.8	E	13.8	E	9.1	F	9.1	F	8.8	F	8.8	F	7.9	F	7.9	F
I-4 (E. Ramps) to I-4 (W. Ramps)*	0.06	8.3	F			20.3	D			11.6	F			10.3	F			24.6	C			12.0	F			16.2	E			28.0	C			32.0	B			34.3	B		
I-4 (W. Ramps) to Douglas Ave.	0.14	7.5	F	7.7	F	6.5	F	8.4	F	6.9	F	7.8	F	5.0	F	5.9	F	14.1	E	16.2	E	9.7	F	10.2	F	10.3	F	11.4	F	39.3	A	35.5	A	17.8	D	20.5	D	22.8	C	25.3	C
Douglas Ave. to Markham Woods Rd.	0.05																																								
Markham Woods Rd. to Springs Center Blvd.	0.24	31.3	B			32.0	B			28.3	B			36.2	A			24.2	C			40.0	A			34.3	B			40.0	A			36.0	A			43.4	A		
Springs Center Blvd. to Gum St./The Springs	0.35	28.6	B			24.7	C			28.8	B			33.5	B			29.3	B			33.9	B			26.3	C			26.3	C			22.3	C			30.0	B		
Gum St./The Springs to Montgomery Rd./Wekiva Springs Rd.	0.12	9.8	F	22.8	C	7.8	F	20.0	D	10.3	F	22.7	C	7.5	F	22.1	C	11.3	F	22.3	C	9.2	F	24.6	C	8.8	F	21.1	D	22.8	C	28.4	B	15.0	E	23.2	C	33.0	B	33.5	B
Montgomery Rd./Wekiva Springs Rd. to Wekiva Springs Ln.	0.22	37.6	A			35.4	A			39.0	A			37.8	A			42.3	A			36.9	A			41.1	A			40.0	A			40.0	A			15.5	E		
Wekiva Springs Ln. to E. Lake Brantley Rd.	0.44	24.1	C			26.2	C			39.6	A			29.8	B			35.8	A			38.8	A			31.1	B			29.3	B			41.6	A			31.5	B		
E. Lake Brantley Rd. to Jamestown Blvd.	0.49	27.9	C			15.3	E			27.1	C			32.2	B			34.0	B			28.5	B			37.4	A			24.2	C			22.9	C			26.4	C		
Jamestown Blvd. to Sand Lake Rd.	0.19	11.1	F	22.9	C	10.6	F	18.4	D	10.3	F	25.2	C	10.8	F	25.1	C	17.3	D	31.3	B	14.8	E	28.4	B	10.8	F	26.7	C	8.3	F	21.2	D	9.8	F	23.6	C	14.8	E	22.3	C
Sand Lake Rd. to San Sebastian Prado	0.55	34.9	B			32.6	B			40.0	A			27.7	C			35.5	A			39.3	A			32.0	B			37.5	A			40.7	A			40.7	A		
San Sebastian Prado to SR 436	0.47	14.3	E	21.3	D	11.8	F	18.3	D	15.9	E	23.9	C	16.3	E	21.1	D	14.4	E	21.4	D	29.7	B	34.3	B	18.6	D	24.2	C	12.8	F	20.1	D	12.1	F	19.6	D	11.0	F	18.2	D
SR 436 to Orange Ave.	0.24	19.5	D			28.1	B			22.0	D			30.5	B			39.5	A			38.9	A			38.9	A			38.9	A			37.9	A			25.7	C		
Orange Ave. to W. Town Pkwy.	0.25	19.2	D	19.3	D	25.5	C	26.8	C	26.6	C	24.1	C	35.9	A	32.9	B	44.4	A	41.7	A	42.2	A	40.5	A	40.0	A	39.5	A	37.1	A	38.0	A	29.4	B	33.0	B	30.0	B	27.7	C
W. Town Pkwy. to Trailwood Dr./Lotus Landing Blvd.	0.56	43.7	A			35.8	A			42.1	A			23.4	C			37.4	A			30.9	B			41.3	A			41.8	A			42.9	A			43.4	A		
Trailwood Dr./Lotus Landing Blvd. to Gateway Dr.	0.42	26.3	C			29.0	B			23.0	C			27.4	C			32.8	B			25.3	C			46.8	A			37.8	A			40.0	A			41.2	A		
Gateway Dr. to Maitland Blvd.	0.26	22.6	C			20.2	D			23.4	C			32.3	B			32.1	B			24.9	C	27.3	C	45.0	A	44.0	A	45.0	A	40.9	A	43.1	A	41.9	A	43.1	A	42.6	A
Maitland Blvd. to Orange County Line	0.05	34.5	B	30.8	B	35.4	A	29.1	B	28.3	B	28.9	B	38.9	A	26.6	C	38.3	A	34.6	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average				26.6	C			25.6	C			26.9	C			27.3	C			29.0	B			28.8	B			29.5	B			28.7	B			28.7	B			28.8	B

Note: *From 2012, construction in progress on SR 434 from I-4 to Rangeline Rd (Financial Project ID: 240233-3-52-01) which may have skewed the LOS for the segments.

TABLE S3.2b
Year 2014 Seminole County Travel Time & Delay Study
SR 434 (Parts A, B, & C) - Westbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
PM PEAK HOUR																																									
Orange County Line to McCullouch Rd.	0.04	1.6	F	1.6	F	18.1	D	18.1	D	14.5	E	14.5	E	16.5	E	16.5	E	17.8	D	17.8	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
McCulloch Rd to E. Palm Valley Dr.	0.27	34.1	B			36.8	A			33.1	B			21.6	D			32.0	B			23.6	C			39.0	A			22.3	C			31.8	B			36.3	A		
E. Palm Valley Dr. to Econ River Pl.	0.59	50.2	A			48.5	A			50.9	A			49.6	A			47.6	A			49.0	A			47.7	A			49.7	A			45.8	A			48.3	A		
Econ River Pl. to Carrigan Ave.	0.16	37.7	A			35.4	A			25.3	C			18.9	D			26.4	C			32.9	B			19.2	D			24.9	C			48.0	A			30.0	B		
Carrigan Ave. to Stillwater Dr.	0.40	48.9	A			48.8	A			47.8	A			45.9	A			48.4	A			50.9	A			45.9	A			46.8	A			49.0	A			48.0	A		
Stillwater Dr. to Chapman Rd.	0.61	34.2	B			26.9	C			27.4	C			28.7	B			23.6	C			32.9	B			35.8	A			33.2	B			30.0	B			27.5	C		
Chapman Rd. to Alafaya Woods Blvd.	0.58	29.7	B	37.6	A	32.9	B	36.1	A	32.8	B	35.2	A	34.4	B	32.8	B	33.1	B	33.3	B	35.3	A	36.6	A	39.3	A	38.1	A	45.0	A	37.1	A	38.4	A	38.2	A	39.8	A	37.2	A
Alafaya Woods Blvd. to Mitchell Hammock Rd.	0.43	10.8	F			12.7	F			12.5	F			13.2	E			11.9	F			12.2	F			15.4	E			18.0	D			11.8	F			10.3	F		
Mitchell Hammock Rd. to Clark St.	0.75	29.3	B			28.8	B			32.8	B			31.5	B			20.9	D			26.7	C			30.8	B			29.0	B			33.3	B			29.0	B		
Clark St. to SR 426/CR 419	0.25	10.4	F	16.1	E	10.0	F	16.7	E	7.1	F	15.3	E	6.8	F	15.2	E	10.4	F	14.8	E	6.4	F	13.6	E	5.9	F	14.6	E	7.1	F	16.3	E	7.2	F	14.8	E	6.9	F	13.3	E
SR 426/CR 419 to Magnolia St.	0.47	28.2	B			21.0	D			26.9	C			26.9	C			26.0	C			26.7	C			27.5	C			27.0	C			25.0	C			25.9	C		
Magnolia St. to De Leon St.	0.93	38.6	A	34.3	B	38.4	A	29.9	B	43.5	A	35.8	A	41.1	A	34.8	B	41.6	A	34.5	B	40.7	A	33.9	B	38.7	A	33.9	B	38.4	A	33.5	B	40.4	A	33.4	B	40.4	A	33.9	B
De Leon St. to Palm Dr.	0.81	42.7	A			42.3	A			46.2	A			43.4	A			44.5	A			42.7	A			40.3	B			41.7	B			43.5	A			38.7	B		
Palm Dr. to SR 417 (N. Ramps)	0.23	23.3	D			27.5	C			38.1	B			28.0	C			23.9	D			30.8	C			25.5	D			19.4	E			17.8	E			20.6	E		
SR 417 (N. Ramps) to SR 417 (S. Ramps)	0.11	32.0	C	35.8	B	20.2	E	34.8	B	47.0	A	44.5	A	29.6	C	37.7	B	31.1	C	36.6	B	19.5	E	36.4	B	21.8	D	33.9	C	37.9	B	34.4	B	25.4	D	32.4	C	16.9	E	30.0	C
SR 417 (S. Ramps) to Vistawilla Dr.	0.31	35.8	B			46.0	A			36.0	B			30.4	C			33.1	C			38.4	B			31.5	C			45.7	A			44.6	A			41.7	B		
Vistawilla Dr. to Spring Ave.	0.21	46.9	A			52.0	A			48.6	A			41.7	B			41.5	B			48.0	A			46.2	A			48.0	A			48.0	A			48.0	A		
Spring Ave. to Tuskawilla Rd.	1.76	41.1	B	40.7	B	34.9	B	37.3	B	40.0	B	40.1	B	45.9	A	42.5	A	46.6	A	43.6	A	40.6	B	40.8	B	39.5	B	38.5	B	37.7	B	39.5	B	37.4	B	39.1	B	35.8	B	37.5	B
Tuskawilla Rd. to Doran Rd.	0.30	35.9	B			35.6	B			29.6	C			32.3	C			27.4	C			36.5	B			25.5	D			28.0	C			36.8	B			27.9	C		
Doran Rd. to Central Winds Park	0.42									40.0	B			37.2	B			31.1	C			39.3	B			31.1	C			27.4	C			36.5	B			27.7	C		
Central Winds Park to Winding Hollow Blvd.	0.74	41.1	B			35.8	B			49.3	A			36.5	B			41.2	B			39.3	B			40.8	B			46.0	A			43.2	A			41.1	B		
Winding Hollow Blvd. to Consolidated/Orange Ave.	0.46	40.9	B			36.5	B			43.1	A			35.4	B			32.7	C			35.7	B			44.0	A			35.2	B			39.7	B			44.3	A		
Consolidated/Orange Ave. to SR 419	0.18	18.6	E	35.7	B	20.2	E	33.7	C	16.2	E	36.7	B	14.1	F	31.7	C	36.2	B	34.2	B	10.2	F	30.5	C	12.0	F	30.4	C	16.1	E	31.5	C	14.4	F	34.4	B	15.4	F	31.8	C
SR 419 to Hayes Rd.	0.30	39.8	A			29.7	B			22.9	C			40.6	A			36.7	A			29.1	B			24.2	C			33.8	B			34.0	B			33.3	B		
Hayes Rd. to Moss Rd.	0.63	37.3	A	38.1	A	42.3	A	37.2	A	28.3	B	26.3	C	26.5	C	30.0	B	41.5	A	39.8	A	37.1	A	34.0	B	37.1	A	31.5	B	37.8	A	36.4	A	28.6	B	30.2	B	36.8	A	35.6	A
Moss Rd. to Edgemon Ave.	0.25	37.2	A			20.0	D			35.3	A			32.6	B			24.9	C			34.9	B			35.7	A			34.9	B			28.3	B			27.3	C		
Edgemon Ave. to Sheoah Blvd.	0.24	26.6	C			26.2	C			25.3	C			41.5	A			36.5	A			35.0	B			31.5	B			25.7	C			30.7	B			38.3	A		
Sheoah Blvd. to Timberlane Tr.	0.37	26.1	C			27.7	C			37.3	A			38.5	A			42.5	A			16.0	E			36.9	A			42.4	A			23.8	C			30.7	B		
Timberlane Tr. to Sun Shadow Dr.	0.13	31.5	B			16.9	E			27.5	C			33.4	B			26.0	C			29.0	B			22.0	C			25.2	C			14.5	E			27.9	C		
Sun shadow Dr. to US 17/92	0.34	17.6	D	25.0	C	16.7	E	21.1	D	27.0	C	30.5	B	14.3	E	26.2	C	17.5	D	26.0	C	13.6	E	21.1	D	14.6	E	23.6	C	13.1	E	22.9	C	18.1	D	20.8	D	15.8	E	24.5	C
US 17/92 to S. Wayman St.	0.42	35.5	A			37.6	A			36.2	A			28.4	B			36.3	A			35.7	A			41.0	A			37.3	A			30.4	B			27.3	C		
S. Wayman St. to Grant St.	0.26	34.1	B			25.7	C			23.7	C			29.8	B			26.6	C			26.7	C			40.0	A			38.9	A			18.4	D			38.0	A		
Grant St. to CR 427/Ronald Reagan Blvd.	0.51	17.2	D	24.5	C	19.0	D	24.9	C	26.9	C	28.7	B	17.8	D	22.9	C	14.2	E	21.0	D	19.5	D	23.7	C	10.2	F	17.7	D	17.1	D	24.8	C	26.5	C	25.2	C	13.6	E	20.0	D
CR 427/Ronald Reagan Blvd. to Florida Central Pkwy.	0.39	31.4	B			21.3	D			19.9	D			16.1	E			22.0	C			42.1	A			27.3	C			32.4	B			23.5	C			29.6	B		
Florida Central Pkwy. to Rangeline Rd.	0.56	21.8	D			17.4	D			15.9	E			16.6	E			14.6	E			15.0	E			35.0	B			21.5	D			16.0	E			19.1	D		
Rangeline Rd. to Palm Springs Dr.*	0.58	29.2	B	26.4	C	28.6	B	21.6	D	26.8	C	20.0	D	24.5	C	18.7	D	24.3	C	19.2	D	23.2	C	21.4	D	36.2	A	33.0	B	34.1	B	27.8	C	20.6	D	19.2	D	31.1	B	25.0	C
Palm Springs Dr. to Tollgate Tr.*	0.18	27.1	C			33.8	B			37.1	A			24.4	C			24.7	C			35.2	A			23.7	C			27.6	C			17.0	E			22.2	C		
Tollgate Tr. to Tarrytown Tr./Roxboro Rd.*	0.34	39.9	A			39.7	A			37.8	A			39.1	A			38.0	A			41.6	A			37.8	A			35.8	A			15.6	E			19.6	D		
Tarrytown Tr./Roxboro Rd. to Raymond Ave.*	0.49	7.6	F	12.9	F	12.0	F	21.4	D	14.9	E	23.5	C	15.0	E	21.0	D	18.4	D	24.0	C	16.9	E	23.7	C	19.3	D	24.1	C	13.8	E	19.6	D	7.5	F	10.3	F	7.3	F	10.9	F
Raymond Ave. to I-4 (E. Ramps)*	0.13	4.6	F	4.6	F	7.1	F	7.1	F	7.9	F	7.9	F	10.2	F	10.2	F	7.3	F	7.3	F	5.8	F	5.8	F	8.2	F	8.2	F	11.8	F	11.8	F	12.0	F	12.0	F	5.7	F	5.7	F
I-4 (E. Ramps) to I-4 (W. Ramps)*	0.06	18.1	D			18.4	D			25.1	C			9.6	F			23.0	C			11.1	F			28.0	C			26.2	C			28.2	B			28.2	B		
I-4 (W. Ramps) to Douglas Ave.	0.14	6.7	F	8.3	F	6.6	F	8.1	F	5.7	F	7.4	F	7.3	F	7.8	F	14.3	E	16.1	E	6.5	F	7.3	F	12.4	F	14.6	E	27.1	C	26.9	C	30.0	B	29.5	B	24.3	C	25.3	C
Douglas Ave. to Markham Woods Rd.	0.05																																								
Markham Woods Rd. to Springs Center Blvd.	0.24	24.4	C			24.3	C			19.6	D			26.0	C			20.3	D			32.4	B			38.7	A			36.4	A			40.6	A			42.0	A		
Springs Center Blvd. to Gum St./The Springs	0.35	29.2	B			24.6	C			27.6	C			30.3	B			33.9	B			24.9	C			20.7	D			22.1	C			29.2	B			32.1	B		
Gum St./The Springs to Montgomery Rd./Wekiva Springs Rd.	0.12	13.1	E	23.3	C	21.2	D	23.9	C	19.7	D	22.8	C	11.1	F	22.9	C	16.5	E	24.3	C	12.2	F	22.7	C	7.1	F	17.7	D	16.1	E	23.3	C	14.3	E	27.1	C	15.0	E	29.0	B
Montgomery Rd./Wekiva Springs Rd. to Wekiva Springs Ln.	0.22	32.7	B			35.1	A			40.6	A			33.9	B			43.5	A			32.7	B			30.6	B			38.9	A			36.9	A			43.6	A		
Wekiva Springs Ln. to E. Lake Brantley Rd.	0.44	18.8	D			18.8	D			19.6	D			27.5	C			16.9	E			25.4	C			26.9	C			33.8	B			38.5	A			43.0	A		
E. Lake Brantley Rd. to Jamestown Blvd.	0.49	25.5	C			24.9	C			31.4	B			23.2	C			24.8	C			25.9	C			26.9	C			32.7	B			40.0	A			36.0	A		
Jamestown Blvd. to Sand Lake Rd.	0.19	22.3	C	23.2	C	22.4	C	23.3	C	29.4	B	27.0	C	25.5	C	26.3	C	15.2	E	21.3	D	15.4	E	24.3	C	24.3	C	27.1	C	22.4	C	31.9	B	21.1	D	34.7	B	19.7	D	34.8	B
Sand Lake Rd. to San Sebastian Prado	0.55	36.9	A			36.2	A			41.4	A			35.9	A			38.7	A			39.3	A			35.5	A			37.5	A			34.4	B			39.3	A		
San Sebastian Prado to SR 436	0.47	14.6	E	21.9	D	10.2	F	16.9	E	21.9	D	29.7	B	11.9	F	18.9	D	28.9	B	33.6	B	13.8	E	21.4	D	14.1	E	21.1	D	12.9	F	20.2	D	11.0	F	17.5	D	10.9	F	18.0	D
SR 436 to Orange Ave.	0.24	35.4	A			29.6	B			36.8	A			30.0	B			36.3	A			35.1	A			35.1	A			37.9	A			16.9	E			38.9	A		
Orange Ave. to W. Town Pkwy.	0.25	22.8	C	27.8	C	36.9	A	32.7	B	20.8	D	26.6	C	14.7	E	19.9	D	44.3	A	39.9	A	30.6	B	32.6	B	27.9	C	30.9	B	44.6	A	41.1	A	16.9	E	16.9	E	16.9	E	23.3	C
W. Town Pkwy. to Trailwood Dr./Lotus Landing Blvd.	0.56	36.0	A			29.1	B			40.1	A			40.2	A			40.1	A			46.8	A			38.8	A			38.3	A			41.8	A			43.4	A		
Trailwood Dr./Lotus Landing Blvd. to Gateway Dr.	0.42	27.5	C			30.2	B			28.4	B			26.6	C			29.7	B			23.6	C			45.2	A			39.4	A			35.7	A			37.7	A		
Gateway Dr. to Maitland Blvd.	0.26	23.5	C			19.4	D			20.6	D			21.5	D			25.7	C			20.0	D	28.4	B	16.4	E	31.2	B	24.5	C	34.5	B	27.5	C	35.6	A	41.0	A	40.7	A
Maitland Blvd. to Orange County Line	0.05	34.0	B	29.6	B	42.4	A	26.9	C	16.9	E	28.9	B	37.7	A	29.8	B	43.0	A	32.7	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average				25.1	C			25.2	C			27.0	C			25.3	C			26.5	C			25.1	C			26.3	C			28.2	B			24.8	C			25.0	C

Note: *From 2012, construction in progress on SR 434 from I-4 to Rangeline Rd (Financial Project ID: 240233-3-52-01) which may have skewed the LOS for the segments.

TABLE S4.1a
Year 2014 Seminole County Travel Time & Delay Study
SR 436 (Parts A & B) - Eastbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
County Line to Line Dr.	0.02	36.9	A			19.4	D			39.8	A			15.5	E			28.4	B			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Line Dr. to Balmy Beach Dr.	0.32	31.3	B			43.5	A			36.6	A			32.9	B			38.1	A			31.6	B			37.5	A			32.1	B			35.5	A			29.5	B		
Balmy Beach Dr. to Hunt Club Blvd.	0.34	16.0	E	21.1	D	28.8	B	32.7	B	24.7	C	29.4	B	29.7	B	29.7	B	38.0	A	37.6	A	43.4	A	36.9	A	26.2	C	30.5	B	37.1	A	34.6	B	29.1	B	31.8	B	25.8	C	27.4	C
Hunt Club Blvd. to Bear Lake Rd.	0.38	23.5	C	23.5	C	29.7	B	29.7	B	33.1	B	33.1	B	42.0	A	42.0	A	38.5	A	38.5	A	33.0	B	33.0	B	28.5	B	28.5	B	27.8	C	27.8	C	35.6	A	35.6	A	35.6	A	35.6	A
Bear Lake Rd. to Harley Lester Ln.*	0.46	44.4	A			41.6	A			45.6	A			47.1	A			43.2	A			40.8	A			46.4	A			48.6	A			42.0	A			42.0	A		
Harley Lester Ln. to Post Lake Pl.**																		44.7	A			45.8	A			38.7	A			39.5	A			41.7	A			44.6	A		
Post Lake Pl. to W. Lake Brantley Rd.	0.34	44.2	A			45.0	A			33.0	B			43.4	A			43.6	A			44.3	A			39.2	A			41.6	A			41.6	A			42.5	A		
W. Lake Brantley Rd. to Pearl Lake Causeway	0.25	39.2	A			42.9	A			44.1	A			41.9	A			36.4	A			40.0	A			20.0	D			25.6	C			39.5	A			38.5	A		
Pearl Lake Causeway to Lake Harriet Dr.	0.22	34.9	B			34.4	B			45.1	A			45.9	A			41.2	A			41.2	A			38.8	A			37.7	A			38.8	A			40.0	A		
Lake Harriet Dr. to SR 434	0.28	16.0	E	32.3	B	10.2	F	26.8	C	18.2	D	33.5	B	20.5	D	37.1	A	29.1	B	38.6	A	28.5	B	39.2	A	12.2	F	25.4	C	20.2	D	31.9	B	20.0	D	34.3	B	18.1	D	33.7	B
SR 434 to San Sebastian Prado	0.27	22.9	C			36.1	A			42.7	A			44.9	A			43.6	A			44.2	A			40.0	A			30.0	B			43.1	A			39.1	A		
San Sebastian Prado to Weathersfield Ave.	0.53	35.0	A			37.4	A			36.4	A			34.9	B			27.8	C			29.7	B			29.5	B			32.7	B			27.2	C			25.5	C		
Weathersfield Ave. to Montgomery Rd.	0.24	9.9	F			12.8	F			13.6	E			17.3	D			20.3	D	28.2	B	30.0	B	32.6	B	32.0	B	32.3	B	30.6	B	31.5	B	24.2	C	29.3	B	24.2	C	27.8	C
Montgomery Rd.to Lynchfield Ave.	0.22	17.6	D	20.2	D	21.6	D	25.3	C	15.8	E	24.3	C	22.4	C	28.4	B	29.1	B			27.5	C			34.7	B			34.7	B			19.4	D			34.5	B		
Lynchfield Ave. to Grace Blvd.	0.12	13.0	E			8.5	F			17.0	D			32.0	B			13.3	E			32.5	B			39.0	A			35.5	A			30.0	B			25.7	C		
Grace Blvd. to Westmonte Dr.	0.20	7.1	F			5.2	F			8.8	F			17.4	D			7.6	F			21.4	D			24.7	C			11.7	F			15.8	E			12.0	F		
Westmonte Dr. to Wymore Rd./Douglas Ave.	0.20	5.4	F	7.0	F	12.1	F	7.5	F	6.3	F	8.4	F	11.4	F	15.9	E	11.4	F	12.3	F	10.9	F	18.9	D	16.7	E	25.2	C	19.4	D	19.8	D	12.6	F	16.9	E	10.8	F	16.1	E
Wymore Rd./Douglas Ave. to I-4 (W. Ramps)	0.07	28.1	B			31.1	B			33.3	B			28.9	B			30.5	B			15.0	E			35.0	B			35.0	B			22.5	C			21.2	D		
I-4 (W. Ramps) to I-4 (E. Ramps)	0.09	34.2	B	31.1	B	37.3	A	34.0	B	41.1	A	36.9	A	37.2	A	32.7	B	22.4	C	25.5	C	35.0	B	21.0	D	30.0	B	32.3	B	30.0	B	32.3	B	36.0	A	29.0	B	36.0	A	28.1	B
I-4 (E. Ramps) to North Lake Blvd.	0.22	14.5	E	14.5	E	19.2	D	19.2	D	24.2	C	24.2	C	28.3	B	28.3	B	23.4	C	23.4	C	32.1	B	32.1	B	23.8	C	23.8	C	31.4	B	31.4	B	19.1	D	19.1	D	26.9	C	26.9	C
North Lake Blvd. to Hattaway Dr.	0.12	14.8	E			18.7	D			29.2	B			21.1	D			20.0	D			38.2	A			24.0	C			19.5	D			35.5	A			23.6	C		
Hattaway Dr. to Renaissance Dr.	0.15	23.2	C			37.8	A			41.0	A			39.3	A			41.7	A			43.3	A			39.0	A			35.5	A			39.0	A			39.0	A		
Renaissance Dr. to Essex St.	0.12	29.1	B			35.9	A			45.7	A			23.1	C			35.5	A			44.2	A			42.0	A			42.0	A			37.1	A			22.9	C		
Essex St. to Mall Entrance	0.12	33.3	B			37.6	A			41.0	A			32.0	B			27.6	C			41.2	A			26.4	C			34.7	B			28.8	B			36.0	A		
Mall Entrance to Palm Springs Dr.	0.12	19.0	D	21.9	D	32.7	B	31.0	B	35.8	A	37.5	A	26.0	C	27.2	C	24.7	C	28.2	B	30.0	B	38.4	A	22.7	C	28.9	B	36.5	A	31.2	B	36.0	A	35.0	B	7.8	F	19.0	D
Palm Springs Dr. to Boston Ave.	0.18	31.5	B			25.0	C			26.3	C			38.7	A			23.4	C			40.7	A			39.3	A			40.7	A			18.9	D			20.8	D		
Boston Ave. to CR 427/Maitland Ave.	0.34	17.6	D	20.8	D	14.8	E	17.2	D	17.2	D	19.6	D	27.2	C	30.4	B	26.3	C	25.2	C	33.1	B	35.6	A	21.1	D	25.5	C	40.8	A	40.8	A	38.4	A	28.0	B	29.5	B	25.6	C
CR 427/Maitland Ave. to CR 427/Ronald Reagan Blvd.	0.47	23.6	C	23.6	C	31.6	B	31.6	B	23.1	C	23.1	C	36.1	A	36.1	A	35.9	A	35.9	A	35.7	A	35.7	A	27.9	C	27.9	C	26.1	C	26.1	C	22.6	C	22.6	C	26.5	C	26.5	C
CR 427/Ronald Reagan Blvd. to Prarie Lake Dr.	0.29	36.4	A			40.9	A			30.1	B			37.0	A			39.2	A			40.0	A			36.7	A			34.6	B			34.1	B			36.2	A		
Prarie Lake Dr. to Anchor Rd.	0.45	37.7	A			41.3	A			42.6	A			35.4	A			38.6	A			39.7	A			34.0	B			38.6	A			36.8	A			39.4	A		
Anchor Rd. to US 17/92	0.32	11.6	F	22.9	C	11.5	F	23.9	C	14.7	E	25.8	C	9.8	F	20.6	D	9.1	F	20.3	D	8.7	F	19.7	D	5.7	F	14.1	E	7.0	F	16.6	E	12.2	F	23.0	C	7.5	F	17.6	D
US 17/92 to Plaza Entrance	0.15	22.5	C			33.6	B			32.7	B			33.1	B			35.4	A			35.3	A			35.3	A			41.4	A			35.2	A			34.0	B		
Plaza Entrance to Oxford Rd.	0.10	32.5	B			38.0	A			17.3	D			38.5	A			11.8	F			9.0	F			21.2	D			8.0	F			40.0	A			37.5	A		
Oxford Rd. to Fern Park Blvd.	0.22	42.3	A			45.6	A			44.1	A			43.2	A			44.8	A			19.7	D			35.7	A			41.2	A			31.4	B			30.0	B		
Fern Park Blvd. to Wilshire Blvd.	0.54	24.0	C			33.4	B			30.0	B			33.7	B			43.7	A			28.9	B			40.5	A			45.6	A			32.1	B			34.1	B		
Wilshire Blvd. to Kewanee Tr.**	0.26	37.4	A			41.0	A			27.4	C			22.8	C			44.1	A			37.1	A			22.0	D			17.7	D			14.3	E			22.0	D		
Kewanee Tr. to Red Bug Lake Rd.**	0.19	21.9	D	27.4	C	24.5	C	34.5	B	37.1	A	30.5	B	21.9	D	30.2	B	17.1	D	31.2	B	25.9	C	26.0	C	10.7	F	25.5	C	21.9	D	27.8	C	19.0	D	25.0	C	13.1	E	25.9	C
Red Bug Lake Rd. to Sausalito Blvd.**	0.17	24.6	C			47.7	A			43.7	A			43.2	A			45.7	A			42.2	A			30.0	B			38.0	A			31.8	B			33.7	B		
Sausalito Blvd. to Lake Howell Rd.**	0.34	33.6	C	30.0	C	45.4	A	46.1	A	40.4	B	41.4	B	42.9	A	43.0	A	47.4	A	46.8	A	45.0	A	43.9	A	36.0	B	33.4	C	29.5	C	32.3	C	35.6	B	34.2	B	29.6	C	30.9	C
Lake Howell Rd. to Lake Howell Square	0.25	42.9	A			42.4	A			34.0	C			33.0	C			32.6	C			35.3	B			54.5	A			30.5	C			28.3	C			16.7	E		
Lake Howell Square to Lake Howell Ln.	0.25	44.5	A			48.1	A			44.0	A			44.2	A			46.5	A			43.3	A			27.4	C			28.4	C			39.0	B			25.6	D		
Lake Howell Ln. to Howell Branch Rd.	0.54	15.0	F	22.2	D	14.4	F	21.5	D	20.4	E	26.4	D	22.6	D	28.1	C	19.4	E	25.6	D	19.2	E	25.8	D	22.5	D	28.2	C	32.4	C	30.8	C	28.9	C	30.7	C	18.1	E	19.1	E
Howell Branch Rd. to Winter Woods Blvd.	0.47	43.7	A			40.3	B			35.6	B			27.9	C			37.0	B			37.3	B			35.4	B			46.0	A			44.8	A			44.1	A		
Winter Woods Blvd. to Castelton Blvd.	0.53	48.1	A			30.6	C			24.2	D			28.6	C			47.5	A			46.3	A	41.7	B	42.6	A	39.0	B	43.8	A	44.8	A	43.0	A	43.8	A	35.7	B	39.2	B
Castelton Blvd. to Orange County Line	0.08	28.8	C	44.2	A	35.8	B	34.7	B	16.0	F	26.9	D	40.2	B	28.9	C	42.4	A	41.9	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average				22.3	C			24.4	C			25.5	C			28.7	B			27.9	C			29.7	B			25.9	C			25.9	C			28.1	B			24.8	C

Note: * From 2009, additional control point has been considered on "Harley Lester Ln" the segment limits will be Bear Lake Rd. to Harley Lester Ln. and the segment length will be 0.14 Mile

Note: * From 2009, additional control point has been considered on "Harley Lester Ln" the segment limits will be Harley Lester Ln. to Post Lake Pl. and the segment length will be 0.32 Mile

Note: ** From 2012, construction in progress on SR 436 from Wilshire Blvd to Lake Howell Rd (Financial Project ID: 419369-1-52-01) which may have skewed the LOS for the segments.

TABLE S4.1b
Year 2014 Seminole County Travel Time & Delay Study
SR 436 (Parts A & B) - Eastbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
PM PEAK HOUR																																									
County Line to Line Dr.	0.02	33.3	B			33.0	B			10.7	F			31.9	B			31.2	B			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Line Dr. to Balmy Beach Dr.	0.32	29.3	B			37.7	A			23.7	C			27.6	C			17.6	D			27.3	C			39.1	A			24.0	C			37.8	A			31.1	B		
Balmy Beach Dr. to Hunt Club Blvd.	0.34	38.4	A	33.5	B	31.0	B	33.7	B	33.0	B	26.3	C	31.6	B	29.8	B	26.4	C	21.7	D	42.5	A	33.7	B	35.8	A	37.3	A	37.8	A	29.8	B	26.8	C	31.0	B	26.2	C	28.2	B
Hunt Club Blvd. to Bear Lake Rd.	0.38	18.7	D	18.7	D	38.4	A	38.4	A	40.2	A	40.2	A	43.9	A	43.9	A	28.2	B	28.2	B	16.6	E	16.6	E	16.5	E	16.5	E	21.9	D	21.9	D	40.7	A	40.7	A	40.0	A	40.0	A
Bear Lake Rd. to Harley Lester Ln.*	0.46	27.7	C			24.4	C			29.0	B			29.4	B			39.6	A			37.8	A			46.4	A			48.6	A			44.2	A			42.0	A		
Harley Lester Ln. to Post Lake Pl.**																		20.8	D			45.8	A			40.5	A			38.7	A			35.6	A			30.0	B		
Post Lake Pl. to W. Lake Brantley Rd.	0.34	32.8	B			31.5	B			40.1	A			27.9	C			40.0	A			24.0	C			30.4	B			41.6	A			36.4	A			35.8	A		
W. Lake Brantley Rd. to Pearl Lake Causeway	0.25	41.3	A			39.8	A			33.9	B			23.4	C			27.8	C			21.4	D			27.4	C			21.1	D			40.5	A			40.5	A		
Pearl Lake Causeway to Lake Harriet Dr.	0.22	43.0	A			41.9	A			41.5	A			41.9	A			40.1	A			34.7	B			38.8	A			37.7	A			26.4	C			30.7	B		
Lake Harriet Dr. to SR 434	0.28	8.3	F	21.8	D	8.2	F	20.8	D	7.1	F	20.6	D	6.9	F	18.6	D	8.7	F	21.0	D	20.5	D	27.3	C	23.0	C	31.6	B	23.7	C	31.7	B	11.1	F	25.3	C	17.9	D	29.5	B
SR 434 to San Sebastian Prado	0.27	28.7	B			38.6	A			32.3	B			39.9	A			39.1	A			43.1	A			42.0	A			41.0	A			40.0	A			40.0	A		
San Sebastian Prado to Weathersfield Ave.	0.53	36.6	A			31.5	B			39.3	A			35.8	A			28.1	B			21.6	D			25.3	C			25.1	C			21.7	D			20.9	D		
Weathersfield Ave. to Montgomery Rd.	0.24	18.9	D			36.4	A			21.3	D			19.3	D			12.4	F	23.3	C	17.6	D	23.5	C	9.7	F	20.1	D	25.3	C	28.0	B	18.9	D	23.9	C	15.2	E	21.9	D
Montgomery Rd.to Lynchfield Ave.	0.22	38.1	A	30.0	B	25.4	C	32.1	B	38.1	A	32.6	B	29.3	B	30.7	B	19.9	D			23.6	C			34.7	B			10.8	F			29.4	B			30.0	B		
Lynchfield Ave. to Grace Blvd.	0.12	31.8	B			25.1	C			14.6	E			23.3	C			38.2	A			41.1	A			43.3	A			15.9	E			37.9	A			30.0	B		
Grace Blvd. to Westmonte Dr.	0.20	16.5	E			10.5	F			10.6	F			15.6	E			30.5	B			37.1	A			22.1	C			25.2	C			19.4	D			9.6	F		
Westmonte Dr. to Wymore Rd./Douglas Ave.	0.20	9.1	F	13.8	E	12.5	F	13.0	F	6.2	F	8.8	F	5.1	F	9.2	F	9.6	F	18.0	D	6.0	F	14.8	E	8.2	F	17.5	D	11.3	F	13.9	E	7.5	F	15.6	E	10.6	F	14.6	E
Wymore Rd./Douglas Ave. to I-4 (W. Ramps)	0.07	6.3	F			33.8	B			13.0	F			13.3	E			32.8	B			28.0	C			6.2	F			24.7	C			7.1	F			5.6	F		
I-4 (W. Ramps) to I-4 (E. Ramps)	0.09	32.5	B	10.9	F	40.1	A	36.8	A	34.3	B	19.2	D	33.2	B	19.2	D	35.1	A	34.0	B	32.3	B	30.0	B	26.2	C	10.0	F	28.0	C	26.2	C	27.0	C	12.7	F	33.7	B	11.2	F
I-4 (E. Ramps) to North Lake Blvd.	0.22	10.7	F	10.7	F	8.5	F	8.5	F	29.8	B	29.8	B	10.5	F	10.5	F	17.6	D	17.6	D	28.7	B	28.7	B	41.8	A	41.8	A	16.0	E	16.0	E	16.9	E	16.9	E	13.9	E	13.9	E
North Lake Blvd. to Hattaway Dr.	0.12	17.6	D			9.4	F			14.6	E			32.3	B			17.0	E			42.0	A			40.0	A			44.2	A			10.8	F			17.7	D		
Hattaway Dr. to Renaissance Dr.	0.15	36.2	A			36.9	A			34.1	B			16.9	E			42.1	A			31.2	B			19.5	D			20.5	D			24.4	C			24.4	C		
Renaissance Dr. to Essex St.	0.12	7.2	F			7.6	F			8.4	F			13.3	E			21.0	D			20.5	D			13.8	E			19.1	D			17.0	E			17.7	D		
Essex St. to Mall Entrance	0.12	21.1	D			25.9	C			22.3	C			32.6	B			14.5	E			17.4	D			9.6	F			15.7	E			20.0	D			26.7	C		
Mall Entrance to Palm Springs Dr.	0.12	17.2	D	15.3	E	33.8	B	15.5	E	16.4	E	15.7	E	16.6	E	19.3	D	27.3	C	21.4	D	12.7	F	20.8	D	17.1	D	16.5	E	14.5	E	19.7	D	11.4	F	15.2	E	7.9	F	15.9	E
Palm Springs Dr. to Boston Ave.	0.18	31.9	B			33.8	B			36.3	A			31.6	B			36.8	A			20.0	D			20.7	D			32.6	B			31.8	B			28.4	B		
Boston Ave. to CR 427/Maitland Ave.	0.34	16.3	E	19.7	D	16.3	E	19.9	D	13.7	E	17.6	D	20.9	D	23.8	C	25.7	C	28.8	B	31.5	B	25.9	C	17.6	D	18.7	D	28.2	B	29.7	B	11.9	F	15.4	E	39.2	A	34.5	B
CR 427/Maitland Ave. to CR 427/Ronald Reagan Blvd.	0.47	13.7	E	13.7	E	17.8	D	17.8	D	18.6	D	18.6	D	19.7	D	19.7	D	20.3	D	20.3	D	32.0	B	32.0	B	16.7	E	16.7	E	18.6	D	18.6	D	16.4	E	16.4	E	33.0	B	33.0	B
CR 427/Ronald Reagan Blvd. to Prarie Lake Dr.	0.29	30.3	B			37.5	A			38.5	A			37.7	A			31.3	B			26.5	C			31.6	B			36.7	A			32.2	B			31.6	B		
Prarie Lake Dr. to Anchor Rd.	0.45	22.9	C			17.1	D			26.4	C			33.0	B			30.1	B			30.0	B			34.4	B			36.6	A			37.3	A			36.3	A		
Anchor Rd. to US 17/92	0.32	7.6	F	15.2	E	7.9	F	14.5	E	10.2	F	19.5	D	16.0	E	26.2	C	9.0	F	18.3	D	9.3	F	17.9	D	10.9	F	20.9	D	8.4	F	18.7	D	8.0	F	17.8	D	8.1	F	17.8	D
US 17/92 to Plaza Entrance	0.15	16.4	E			30.2	B			13.8	E			30.4	B			29.4	B			25.0	C			23.1	C			16.7	E			16.5	E			16.7	E		
Plaza Entrance to Oxford Rd.	0.10	34.3	B			36.2	A			9.4	F			34.2	B			14.6	E			3.3	F			3.2	F			3.5	F			8.1	F			25.0	C		
Oxford Rd. to Fern Park Blvd.	0.22	29.4	B			20.7	D			38.7	A			40.8	A			41.0	A			33.8	B			33.8	B			26.9	C			19.4	D			36.3	A		
Fern Park Blvd. to Wilshire Blvd.	0.54	19.5	D			22.6	C			26.2	C			24.0	C			44.0	A			39.0	A			23.8	C			27.5	C			22.3	C			16.5	E		
Wilshire Blvd. to Kewanee Tr.**	0.26	13.8	E			34.1	B			21.4	D			27.5	C			24.7	C			23.3	C			34.7	B			21.7	D			22.0	D			9.6	F		
Kewanee Tr. to Red Bug Lake Rd.**	0.19	21.1	D	19.4	D	47.0	A	27.2	C	38.2	A	22.3	C	20.1	D	26.8	C	24.8	C	30.6	B	35.6	A	23.4	C	30.0	B	20.8	D	21.9	D	18.9	D	25.3	C	19.1	D	17.3	D	16.3	E
Red Bug Lake Rd. to Sausalito Blvd.**	0.17	23.5	C			52.2	A			23.6	C			25.7	C			20.7	D			42.2	A			43.8	A			28.5	B			15.4	E			25.7	C		
Sausalito Blvd. to Lake Howell Rd.**	0.34	21.4	D	22.1	D	27.1	C	32.2	C	24.7	D	24.3	D	28.3	C	27.4	C	23.3	D	22.4	D	28.1	C	32.3	C	11.6	F	16.2	E	24.3	D	25.8	D	32.8	C	23.7	D	24.7	D	25.0	D
Lake Howell Rd. to Lake Howell Square	0.25	38.9	B			44.8	A			43.1	A			28.9	C			23.4	D			19.6	E			25.4	D			18.2	E			14.6	F			13.6	F		
Lake Howell Square to Lake Howell Ln.	0.25	41.5	B			43.4	A			46.2	A			44.8	A			47.6	A			42.2	A			31.2	C			23.6	D			28.9	C			20.3	E		
Lake Howell Ln. to Howell Branch Rd.	0.54	14.4	F	21.0	D	11.6	F	18.1	E	13.8	F	20.9	E	20.3	E	25.6	D	18.8	E	23.4	D	11.5	F	16.1	E	25.9	D	26.8	D	14.7	F	17.1	E	15.3	F	17.1	E	13.8	F	14.9	F
Howell Branch Rd. to Winter Woods Blvd.	0.47	35.6	B			37.1	B			19.7	E			18.1	E			32.3	C			28.7	C			41.2	B			41.2	B			41.5	B			39.7	B		
Winter Woods Blvd. to Castelton Blvd.	0.53	42.9	A			33.9	C			46.9	A			31.9	C			45.8	A			44.4	A	35.5	B	43.2	A	42.3	A	42.1	A	41.7	B	40.8	B	41.1	B	44.2	A	42.0	B
Castelton Blvd. to Orange County Line	0.08	46.9	A	39.5	B	39.0	B	35.6	B	37.5	B	28.9	C	50.1	A	24.2	D	46.1	A	38.6	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average				20.0	D			21.3	D			21.1	D			22.3	C			23.4	C			22.7	C			22.3	C			22.3	C			20.6	D			21.0	D

Note: * From 2009, additional control point has been considered on "Harley Lester Ln" the segment limits will be Bear Lake Rd. to Harley Lester Ln. and the segment length will be 0.14 Mile

Note: * From 2009, additional control point has been considered on "Harley Lester Ln" the segment limits will be Harley Lester Ln. to Post Lake Pl. and the segment length will be 0.32 Mile

Note: ** From 2012, construction in progress on SR 436 from Wilshire Blvd to Lake Howell Rd (Financial Project ID: 419369-1-52-01) which may have skewed the LOS for the segments.

TABLE S4.2a
Year 2014 Seminole County Travel Time & Delay Study
SR 436 (Parts A & B) - Westbbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
Orange County Line to Castelton Blvd.	0.10	18.3	E			32.5	C			15.5	F			17.3	E			17.7	E			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Castelton Blvd. to Winter Woods Blvd.	0.52	41.7	B			46.9	A			45.9	A			40.9	B			35.4	B			41.5	B			41.0	B			41.0	B			44.2	A			39.3	B		
Winter Woods Blvd. to Howell Branch Rd.	0.47	19.6	E	26.2	D	22.9	D	31.5	C	17.5	E	25.0	D	24.4	D	29.3	C	33.4	C	32.2	C	15.7	F	23.6	D	18.5	E	26.3	D	17.0	E	24.9	D	18.1	E	26.3	D	16.2	E	23.5	D
Howell Branch Rd. to Lake Howell Ln.	0.53	45.6	A			39.8	B			46.5	A			45.1	A			48.5	A			42.6	A			45.0	A			47.0	A			44.4	A			45.0	A		
Lake Howell Ln. to Lake Howell Square	0.26	48.1	A			46.9	A			49.1	A			48.3	A			49.1	A			33.9	C			25.2	D			30.0	C			48.7	A			48.7	A		
Lake Howell Square to Lake Howell Rd.	0.25	49.8	A	47.2	A	50.5	A	43.6	A	35.1	B	43.8	A	31.8	C	41.7	B	26.2	D	40.7	B	22.2	D	32.5	C	48.6	A	38.6	B	50.0	A	42.0	A	48.4	A	46.3	A	39.5	B	44.4	A
Lake Howell Rd. to Sausalito Blvd.**	0.35	25.5	D			18.8	E			19.3	E			32.3	C			25.4	D			25.7	D			34.0	C			17.0	E			34.4	B			25.9	D		
Sausalito Blvd. to Red Bug Lake Rd.**	0.17	6.5	F	12.8	F	8.4	F	13.2	E	6.0	F	11.0	F	11.3	F	20.0	D	11.3	F	17.8	D	12.0	F	17.8	D	11.6	F	19.5	D	5.7	F	9.6	F	7.2	F	15.1	E	7.2	F	13.7	E
Red Bug Lake Rd. to Kewanee Tr.**	0.21	35.3	A			36.4	A			33.1	B			37.6	A			37.7	A			38.0	A			24.8	C			21.9	D			19.0	D			13.1	E		
Kewanee Tr. to Wilshire Blvd.**	0.26	42.5	A			40.8	A			41.8	A			44.1	A			43.2	A			42.2	A			37.1	A			17.7	D			37.1	A			19.7	D		
Wilshire Blvd. to Fern Park Blvd.	0.54	34.3	B			28.3	B			33.6	B			38.7	A			34.4	B			36.0	A			42.1	A			40.5	A			36.0	A			35.2	A		
Fern Park Blvd. to Oxford Rd.	0.23	19.0	D			15.4	E			13.2	E			11.1	F			28.0	B			32.2	B			15.5	E			16.9	E			27.6	C			22.3	C		
Oxford Rd. to Plaza Entrance	0.10	24.1	C			32.5	B			23.4	C			33.9	B			37.5	A			36.0	A			20.0	D			18.9	D			13.3	E			31.6	B		
Plaza Entrance to US 17/92	0.18	5.6	F	20.9	D	6.2	F	20.1	D	14.9	E	24.8	C	9.5	F	22.9	C	6.5	F	24.0	C	9.8	F	26.6	C	23.1	C	27.6	C	11.8	F	21.0	D	12.3	F	24.2	C	14.4	E	21.8	D
US 17/92 to Anchor Rd.	0.29	38.5	A			39.9	A			26.6	C			42.1	A			39.9	A			37.2	A			37.2	A			41.3	A			29.5	B			37.5	A		
Anchor Rd. to Prarie Lake Dr.	0.45	43.6	A			33.6	B			36.1	A			39.5	A			40.6	A			39.2	A			39.2	A			43.4	A			40.6	A			40.0	A		
Prarie Lake Dr. to CR 427/Ronald Reagan Blvd.	0.29	15.7	E	28.7	B	14.3	E	25.5	C	17.1	D	25.7	C	11.5	F	24.1	C	21.0	D	32.3	B	18.0	D	29.2	B	18.9	D	29.9	B	41.9	A	42.4	A	25.6	C	32.0	B	17.8	D	29.3	B
CR 427/Ronald Reagan Blvd. to CR 427/Maitland Ave.	0.48	31.4	B	31.4	B	31.6	B	31.6	B	24.8	C	24.8	C	35.9	A	35.9	A	36.9	A	36.9	A	36.2	A	36.2	A	31.7	B	31.7	B	30.0	B	30.0	B	28.5	B	28.5	B	30.9	B	30.9	B
CR 427/Maitland Ave. to Boston Ave.	0.34	40.2	A			31.5	B			25.7	C			29.3	B			40.2	A			34.3	B			27.4	C			31.0	B			24.3	C			27.8	C		
Boston Ave. to Palm Springs Dr.	0.18	40.8	A	40.4	A	21.7	D	27.1	C	22.7	C	24.5	C	29.3	B	29.3	B	12.5	F	22.7	C	10.1	F	18.1	D	10.8	F	17.4	D	11.0	F	18.4	D	10.1	F	16.1	E	8.8	F	15.6	E
Palm Springs Dr. to Mall Entrance	0.12	43.2	A			32.2	B			41.0	A			41.6	A			14.3	E			25.5	C			36.5	A			42.0	A			34.3	B			36.0	A		
Mall Entrance to Essex St.	0.12	17.4	D			21.4	D			18.6	D			23.4	C			19.2	D			28.7	B			18.9	D			23.6	C			16.4	E			40.0	A		
Essex St. to Renaissance Dr.	0.13	21.3	D			19.3	D			22.3	C			39.0	A			39.1	A			42.0	A			40.0	A			42.0	A			35.5	A			41.1	A		
Renaissance Dr. to Hattaway Dr.	0.14	19.7	D			10.7	F			23.8	C			19.3	D			23.3	C			16.6	E			13.9	E			14.7	E			18.6	D			22.3	C		
Hattaway Dr. to North Lake Blvd.	0.12	34.2	B	23.8	C	9.6	F	15.3	E	15.9	E	22.1	C	9.1	F	20.0	D	12.7	F	18.9	D	35.0	B	26.9	C	29.0	B	24.1	C	22.7	C	25.1	C	21.1	D	22.8	C	8.0	F	19.9	D
North Lake Blvd. to I-4 (E. Ramps)	0.22	15.8	E	15.8	E	11.1	F	11.1	F	21.8	D	21.8	D	20.4	D	20.4	D	15.3	E	15.3	E	11.3	F	11.3	F	14.7	E	14.7	E	11.0	F	11.0	F	13.9	E	13.9	E	12.5	F	12.5	F
I-4 (E. Ramps) to I-4 (W. Ramps)	0.09	22.9	C			21.5	D			28.6	B			11.4	F			24.4	C			32.3	B			20.0	D			23.3	C			27.0	C			28.4	B		
I-4 (W. Ramps) to Wymore Rd./Douglas Ave.	0.06	34.0	B	27.0	C	21.7	D	21.6	D	38.9	A	32.9	B	11.5	F	11.4	F	32.5	B	27.3	C	38.2	A	35.0	B	9.5	F	12.9	F	38.2	A	29.0	B	36.0	A	30.0	B	36.0	A	31.0	B
Wymore Rd./Douglas Ave. to Westmonte Dr.	0.19	39.1	A			22.3	C			40.1	A			40.1	A			25.1	C			25.5	C			23.1	C			20.7	D			25.0	C			42.9	A		
Westmonte Dr. to Grace Blvd.	0.21	43.3	A			43.9	A			47.0	A			44.3	A			36.2	A			43.4	A			40.6	A			38.2	A			40.0	A			42.9	A		
Grace Blvd. to Lynchfield Dr.	0.12	45.4	A	42.1	A	43.3	A	32.1	B	52.3	A	45.2	A	44.2	A	42.6	A	34.6	B			45.9	A			20.5	D			22.3	C			20.0	D			27.7	C		
Lynchfield Dr. to Montgomery Rd.	0.23	30.4	B			22.8	C			25.6	C			24.8	C			20.2	D	26.7	C	30.7	B	33.5	B	16.5	E	22.7	C	20.0	D	23.7	C	17.7	D	23.4	C	33.7	B	36.6	A
Montgomery Rd. to Weathersfield Dr.	0.23	40.1	A			39.5	A			43.1	A			39.9	A			38.5	A			40.0	A			29.4	B			43.6	A			30.7	B			39.4	A		
Weathersfield Dr. San Sebastian Prado	0.53	33.8	B			38.6	A			43.1	A			44.3	A			37.0	A			35.6	A			37.2	A			42.6	A			37.7	A			33.7	B		
San Sebastian Prado to SR 434	0.29	13.4	E	25.7	C	10.6	F	22.9	C	11.8	F	25.5	C	12.2	F	25.7	C	19.5	D	30.0	C	18.7	D	29.3	B	17.0	E	27.1	C	27.5	C	37.4	A	15.0	E	25.9	C	12.1	F	23.3	C
SR 434 to Lake Harriet Dr.	0.28	40.1	A			40.1	A			43.4	A			29.4	B			41.2	A			41.0	A			42.0	A			40.0	A			34.3	B			39.1	A		
Lake Harriet Dr. to Pearl Lake Causeway	0.21	37.3	A			43.7	A			39.6	A			35.9	A			32.8	B			25.4	C			42.6	A			36.7	A			37.7	A			41.2	A		
Pearl Lake Causeway to W. Lake Brantley Rd.	0.26	37.7	A			44.9	A			47.5	A			30.8	B			39.1	A			26.9	C			17.7	D			32.5	B			41.7	A			41.7	A		
W. Lake Brantley Rd. to Post Lake Pl.	0.34	41.7	A			48.4	A			53.1	A			50.6	A			43.9	A			28.7	B			40.8	A			37.8	A			34.0	B			43.4	A		
Post Lake Pl. to Harley Lester Ln.**	0.45	44.8	A	40.9	A	30.2	B	38.9	A	31.6	B	40.6	A	33.6	B	35.0	B	42.6	A			41.4	A			37.8	A			36.2	A			42.7	A			43.6	A		
Harley Lester Ln. to Bear Lake Rd.*																		13.3	E	27.0	C	29.1	B	25.5	C	20.8	D	25.1	C	22.2	C	27.8	C	21.0	D	27.8	C	36.5	A	32.8	B
Bear Lake Rd. to Hunt Club Blvd.	0.39	28.8	B	28.8	B	38.5	A	38.5	A	39.0	A	39.0	A	25.5	C	25.5	C	38.9	A	38.9	A	19.5	D	19.5	D	20.0	D	20.0	D	21.5	D	21.5	D	42.2	A	42.2	A	28.1	B	28.1	B
Hunt Club Blvd. to Balmy Beach Dr.	0.34	40.9	A			47.7	A			46.4	A			43.3	A			44.2	A			42.5	A			40.8	A			41.6	A			45.3	A			42.5	A		
Balmy Beach Dr. to Line Dr.	0.31	47.4	A			51.2	A			51.0	A			52.7	A	47.1	A	44.4	A	44.3	A	47.4	A	44.6	A	34.6	B	37.6	A	48.6	A	44.6	A	44.6	A	45.0	A	45.8	A	44.0	A
Line Dr. to Orange County Line	0.00	22.7	C	43.4	A	7.5	F	48.4	A	56.6	A	48.6	A									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average				27.6	C			25.5	C			27.5	C			27.7	C			28.5	B			27.0	C			26.3	C			26.3	C			26.9	C			26.0	C

Note: * From 2009, additional control point has been considered on "Harley Lester Ln" the segment limits will be Harley Lester Ln. to Bear Lake Rd. and the segment length will be 0.14 Mile

Note: * From 2009, additional control point has been considered on "Harley Lester Ln" the segment limits will be Post Lake Pl. to Harley Lester Ln. and the segment length will be 0.32 Mile

Note: ** From 2012, construction in progress on SR 436 from Wilshire Blvd to Lake Howell Rd (Financial Project ID: 419369-1-52-01) which may have skewed the LOS for the segments.

TABLE S4.2b
Year 2014 Seminole County Travel Time & Delay Study
SR 436 (Parts A & B) - Westbbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
PM PEAK HOUR																																									
Orange County Line to Castelton Blvd.	0.10	16.4	E			13.9	F			32.7	C			21.2	D			29.6	C			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Castelton Blvd. to Winter Woods Blvd.	0.52	41.0	B			26.3	D			24.1	D			35.0	B			28.5	C			43.2	A			35.6	B			43.8	A			33.5	C			37.4	B		
Winter Woods Blvd. to Howell Branch Rd.	0.47	14.1	F	21.1	D	13.2	F	17.6	E	7.1	F	12.0	F	16.2	E	22.6	D	23.1	D	25.9	D	9.1	F	15.9	F	14.7	F	21.5	D	14.2	F	22.3	D	21.7	D	26.7	D	14.2	F	21.1	D
Howell Branch Rd. to Lake Howell Ln.	0.53	42.1	A			25.8	D			27.0	D			29.2	C			24.7	D			30.6	C			42.1	A			43.2	A			41.5	B			42.1	A		
Lake Howell Ln. to Lake Howell Square	0.26	38.9	B			44.3	A			37.6	B			21.2	D			35.3	B			41.1	B			19.0	E			36.3	B			25.6	D			20.5	E		
Lake Howell Square to Lake Howell Rd.	0.25	24.5	D	35.4	B	23.0	D	28.0	C	45.1	A	32.3	C	25.7	D	25.9	D	14.5	F	22.7	D	24.7	D	30.4	C	38.3	B	32.0	C	27.3	C	35.9	B	16.3	E	27.3	C	17.9	E	26.6	D
Lake Howell Rd. to Sausalito Blvd.**	0.35	21.4	D			20.2	E			27.9	C			25.0	D			23.0	D			20.7	E			20.2	E			9.2	F			13.6	F			20.0	E		
Sausalito Blvd. to Red Bug Lake Rd.**	0.17	5.4	F	10.6	F	9.7	F	14.7	E	9.8	F	17.3	D	17.3	D	21.7	D	14.0	E	18.9	D	5.7	F	10.3	F	5.8	F	10.3	F	5.7	F	7.4	F	7.8	F	10.9	F	5.4	F	10.4	F
Red Bug Lake Rd. to Kewanee Tr.**	0.21	34.9	B			35.4	A			35.6	A			37.6	A			38.5	A			38.0	A			36.8	A			34.5	B			30.8	B			25.3	C		
Kewanee Tr. to Wilshire Blvd.**	0.26	43.0	A			40.3	A			39.3	A			42.2	A			45.9	A			17.1	D			40.0	A			30.0	B			18.8	D			39.0	A		
Wilshire Blvd. to Fern Park Blvd.	0.54	37.0	A			38.8	A			38.6	A			30.3	B			25.3	C			26.8	C			41.5	A			41.5	A			31.5	B			36.0	A		
Fern Park Blvd. to Oxford Rd.	0.23	17.7	D			16.6	E			13.3	E			17.8	D			30.5	B			26.9	C			15.3	E			13.5	E			13.5	E			13.1	E		
Oxford Rd. to Plaza Entrance	0.10	20.0	D			34.4	B			33.2	B			27.7	C			33.7	B			30.0	B			18.0	D			9.0	F			26.1	C			33.3	B		
Plaza Entrance to US 17/92	0.18	9.7	F	24.6	C	9.9	F	25.6	C	24.8	C	28.2	B	11.6	F	25.1	C	9.3	F	25.1	C	11.0	F	21.4	D	7.9	F	21.7	D	12.0	F	22.0	D	10.9	F	20.2	D	14.2	E	24.2	C
US 17/92 to Anchor Rd.	0.29	39.0	A			38.3	A			41.0	A			41.4	A			40.7	A			38.7	A			37.2	A			38.0	A			31.0	B			36.7	A		
Anchor Rd. to Prarie Lake Dr.	0.45	27.8	C			23.8	C			22.4	C			27.8	C			36.5	A			40.9	A			38.1	A			41.5	A			38.3	A			31.7	B		
Prarie Lake Dr. to CR 427/Ronald Reagan Blvd.	0.29	11.4	F	21.3	D	9.4	F	19.4	D	13.9	E	21.7	D	14.4	E	24.0	C	15.1	E	27.0	C	14.2	E	26.6	C	19.4	D	29.9	B	38.3	A	39.5	A	24.5	C	31.3	B	23.8	C	30.1	B
CR 427/Ronald Reagan Blvd. to CR 427/Maitland Ave.	0.48	20.1	D	20.1	D	22.5	C	22.5	C	19.8	D	19.8	D	26.3	C	26.3	C	23.9	C	23.9	C	17.7	D	17.7	D	23.5	C	23.5	C	26.6	C	26.6	C	28.0	C	28.0	C	23.3	C	23.3	C
CR 427/Maitland Ave. to Boston Ave.	0.34	15.5	E			11.0	F			20.3	D			24.7	C			36.0	A			22.1	C			28.7	B			13.4	E			15.9	E			34.3	B		
Boston Ave. to Palm Springs Dr.	0.18	10.7	F	13.4	E	24.3	C	13.7	E	8.1	F	13.1	E	8.4	F	14.7	E	14.2	E	23.3	C	10.1	F	15.3	E	26.5	C	27.8	C	10.5	F	12.1	F	16.6	E	16.1	E	24.0	C	29.7	B
Palm Springs Dr. to Mall Entrance	0.12	26.8	C			33.5	B			28.0	B			20.5	D			14.2	E			20.5	D			30.0	B			28.0	C			32.7	B			30.0	B		
Mall Entrance to Essex St.	0.12	35.2	A			38.5	A			34.8	B			15.1	E			39.4	A			16.9	E			12.2	F			6.3	F			17.1	D			8.0	F		
Essex St. to Renaissance Dr.	0.13	36.7	A			38.3	A			33.2	B			11.5	F			18.4	D			13.3	E			11.7	F			8.9	F			9.5	F			5.3	F		
Renaissance Dr. to Hattaway Dr.	0.14	32.7	B			27.1	C			27.0	C			16.4	E			19.4	D			15.9	E			8.1	F			5.0	F			9.0	F			7.4	F		
Hattaway Dr. to North Lake Blvd.	0.12	13.6	E	26.0	C	29.3	B	32.7	B	9.7	F	22.2	C	6.7	F	12.3	F	5.3	F	13.2	E	17.1	D	16.4	E	6.6	F	10.5	F	10.8	F	8.6	F	25.2	C	14.3	E	5.7	F	7.5	F
North Lake Blvd. to I-4 (E. Ramps)	0.22	5.2	F	5.2	F	9.8	F	9.8	F	5.5	F	5.5	F	6.0	F	6.0	F	14.1	E	14.1	E	13.9	E	13.9	E	16.0	E	16.0	E	12.9	F	12.9	F	8.7	F	8.7	F	9.9	F	9.9	F
I-4 (E. Ramps) to I-4 (W. Ramps)	0.09	12.7	F			25.0	C			8.7	F			14.8	E			18.2	D			21.0	D			15.6	E			23.3	C			27.0	C			16.4	E		
I-4 (W. Ramps) to Wymore Rd./Douglas Ave.	0.06	7.6	F	9.7	F	7.8	F	12.3	F	26.7	C	12.8	F	12.2	F	13.4	E	30.6	B	22.1	C	32.3	B	25.5	C	35.0	B	21.5	D	7.1	F	10.9	F	8.0	F	13.8	E	30.0	B	20.0	D
Wymore Rd./Douglas Ave. to Westmonte Dr.	0.19	23.4	C			38.5	A			20.0	D			15.0	E			34.0	B			40.0	A			31.6	B			22.6	C			35.3	A			30.8	B		
Westmonte Dr. to Grace Blvd.	0.21	40.6	A			30.6	B			25.8	C			25.4	C			40.1	A			42.0	A			39.4	A			30.7	B			38.7	A			36.4	A		
Grace Blvd. to Lynchfield Dr.	0.12	23.2	C	27.9	C	14.5	E	25.9	C	24.4	C	23.0	C	23.3	C	19.8	D	41.4	A			41.1	A			39.0	A			15.0	E			36.0	A			37.9	A		
Lynchfield Dr. to Montgomery Rd.	0.23	19.5	D			22.0	C			19.6	D			16.0	E			40.8	A	38.7	A	36.7	A	39.7	A	19.7	D	29.0	B	19.4	D	21.3	D	10.0	F	20.2	D	30.7	B	33.1	B
Montgomery Rd. to Weathersfield Dr.	0.23	42.3	A			29.7	B			27.6	C			33.4	B			43.2	A			45.0	A			41.1	A			36.0	A			32.9	B			28.2	B		
Weathersfield Dr. San Sebastian Prado	0.53	32.7	B			45.2	A			22.4	C			32.9	B			21.1	D			21.5	D			30.6	B			34.8	B			36.8	A			24.5	C		
San Sebastian Prado to SR 434	0.29	12.1	F	22.7	C	7.3	F	18.8	D	9.8	F	17.7	D	8.6	F	18.3	D	15.9	E	21.6	D	15.1	E	21.6	D	17.1	D	26.6	C	21.8	D	30.3	B	15.7	E	26.6	C	17.0	E	22.5	C
SR 434 to Lake Harriet Dr.	0.28	39.4	A			37.8	A			38.3	A			34.4	B			39.5	A			40.0	A			39.1	A			40.0	A			38.2	A			30.5	B		
Lake Harriet Dr. to Pearl Lake Causeway	0.21	41.6	A			39.1	A			44.6	A			33.1	B			42.2	A			40.0	A			38.8	A			29.3	B			38.8	A			25.9	C		
Pearl Lake Causeway to W. Lake Brantley Rd.	0.26	32.1	B			37.3	A			40.9	A			22.3	C			39.4	A			26.4	C			21.1	D			22.3	C			31.9	B			36.6	A		
W. Lake Brantley Rd. to Post Lake Pl.	0.34	29.4	B			47.1	A			44.2	A			43.0	A			43.3	A			42.5	A			40.8	A			34.6	B			38.5	A			41.6	A		
Post Lake Pl. to Harley Lester Ln.**	0.45	29.7	B	32.9	B	43.5	A	41.2	A	42.6	A	42.0	A	29.8	B	31.4	B	41.6	A			42.4	A			37.0	A			29.0	B			42.7	A			42.7	A		
Harley Lester Ln. to Bear Lake Rd.*																		40.3	A	32.7	B	28.3	B	29.4	B	31.9	B	27.2	C	23.2	C	23.8	C	42.0	A	30.4	B	36.5	A	28.0	C
Bear Lake Rd. to Hunt Club Blvd.	0.39	19.9	D	19.9	D	22.4	C	22.4	C	16.6	E	16.6	E	22.5	C	22.5	C	12.2	F	12.2	F	29.6	B	29.6	B	33.0	B	33.0	B	19.5	D	19.5	D	13.3	E	13.3	E	11.9	F	11.9	F
Hunt Club Blvd. to Balmy Beach Dr.	0.34	25.5	C			36.2	A			43.1	A			30.1	B			33.0	B			44.3	A			42.5	A			38.5	A			40.8	A			34.0	B		
Balmy Beach Dr. to Line Dr.	0.31	43.8	A			34.1	B			26.9	C			50.0	A	36.7	A	44.7	A	37.4	A	48.6	A	46.3	A	47.4	A	44.6	A	45.0	A	41.3	A	31.6	B	36.0	A	27.2	C	30.5	B
Line Dr. to Orange County Line	0.00	34.9	B	31.7	B	19.1	D	35.0	B	43.4	A	34.0	B									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average				21.1	D			21.9	D			20.2	D			21.2	D			24.0	C			22.4	C			23.4	C			23.4	C			21.9	D			20.8	D

Note: * From 2009, additional control point has been considered on "Harley Lester Ln" the segment limits will be Harley Lester Ln. to Bear Lake Rd. and the segment length will be 0.14 Mile

Note: * From 2009, additional control point has been considered on "Harley Lester Ln" the segment limits will be Post Lake Pl. to Harley Lester Ln. and the segment length will be 0.32 Mile

Note: ** From 2012, construction in progress on SR 436 from Wilshire Blvd to Lake Howell Rd (Financial Project ID: 419369-1-52-01) which may have skewed the LOS for the segments.

TABLE S5.1a
Year 2014 Seminole County Travel Time & Delay Study
US 17-92 (Parts A & B) Northbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
Orange County Line to Spartan Dr.	0.28	36.8	B			27.4	C			39.5	B			12.6	F			23.9	D			37.1	B			26.4	D			45.0	A			46.3	A			45.0	A		
Spartan Dr. to O'Brien Rd.	0.47	35.7	B			44.6	A			44.9	A			25.2	D			43.6	A			42.4	A			42.4	A			42.7	A			44.8	A			37.6	B		
O'Brien Rd. to Lake of the Woods Blvd.	0.32	26.2	D	32.4	C	17.4	E	27.4	C	22.5	D	33.7	C	22.5	D	19.7	E	26.0	D	30.9	C	21.2	D	32.0	C	42.9	A	36.9	B	17.7	E	30.4	C	23.0	D	35.2	B	28.2	C	35.6	B
Lake of the Woods Blvd. to Prairie Lake Dr.	0.25													43.0	A			42.8	A			38.0	B			27.4	C			24.0	D			33.9	C			26.4	D		
Prairie Lake Dr. to Fernwood Blvd.	0.27	29.5	C			36.0	B			40.4	B			25.8	D			46.4	A			42.6	A			30.6	C			35.5	B			34.7	B			39.0	B		
Fernwood Blvd. to SR 436	0.20	13.0	F	21.9	D	9.1	F	19.8	E	8.0	F	19.3	E	20.7	E	27.9	C	7.8	F	19.8	E	8.8	F	20.4	E	5.8	F	13.9	F	9.3	F	18.4	E	9.5	F	20.2	E	9.4	F	19.4	E
SR 436 to Live Oaks Blvd.	0.23	39.6	B			42.0	A			39.4	B			40.9	B			40.7	B			39.5	B			37.5	B			39.4	B			40.6	B			38.3	B		
Live Oaks Blvd. to Triplet Lake Dr.	0.53	45.0	A	43.1	A	48.9	A	46.5	A	47.8	A	44.8	A	44.1	A	43.1	A	45.4	A	43.8	A	33.4	C	35.1	B	40.5	B	39.5	B	44.4	A	42.8	A	44.4	A	43.2	A	43.2	A	41.6	B
Triplet Lake Dr. to Plumosa Ave.***	0.59	43.5	A			36.1	B			39.9	B			37.7	B			32.8	C			39.3	B			34.1	B			44.0	A			45.0	A			44.0	A		
Plumosa Ave. to Button Rd.****																										26.9	D			13.4	F			11.0	F			12.7	F		
Button Rd. to Seminola Blvd./Dog Track Rd.	0.27	43.2	A	43.4	A	42.8	A	37.9	B	39.8	B	39.9	B	15.7	F	26.3	D	27.9	C	31.1	C	30.0	C	35.8	B	18.4	E	25.3	D	38.2	B	25.5	D	39.1	B	22.8	D	37.3	B	24.5	D
Seminola Blvd./Dog Track Rd. to Laura St.*	1.13	32.4	C	32.4	C	47.5	A	47.5	A	45.6	A	45.6	A	33.4	C	33.4	C	46.2	A			44.3	A			44.3	A			42.6	A			44.5	A			44.5	A		
Laura St. to SR 434**																		27.7	C	33.8	C	19.6	E	26.2	D	28.4	C	33.9	C	39.2	B	40.6	B	38.7	B	41.1	B	34.4	B	38.3	B
SR 434 to Orange Ave.	0.41	43.6	A			45.7	A			44.2	A			45.2	A			45.0	A			43.0	A			29.3	C			41.9	B			38.3	B			42.6	A		
Orange Ave. to Shepard Rd./Raven Ave.	0.76	41.7	B	42.4	A	41.9	B	43.2	A	46.7	A	45.7	A	49.4	A	47.7	A	41.9	B	43.0	A	39.5	B	40.7	B	31.0	C	30.4	C	42.9	A	42.5	A	41.7	B	40.3	B	45.0	A	44.1	A
Shepard Rd./Raven Ave. to Gen. Hutchinson Pkwy.	0.55	45.0	A			49.5	A			45.0	A			48.8	A			50.4	A			46.0	A			38.9	B			43.5	A			47.0	A			43.5	A		
Gen. Hutchinson Pkwy. to SR 419/CR 427	0.85	35.4	B	38.6	B	36.2	B	40.7	B	36.1	B	39.2	B	32.2	C	37.2	B	33.2	C	38.5	B	39.5	B	42.0	B	37.7	B	38.2	B	38.9	B	40.7	B	45.8	A	46.3	A	30.8	C	35.0	B
SR 419/CR 427 to CR 427	0.22	29.0	C	29.0	C	23.2	D	23.2	D	33.7	C	33.7	C	36.5	B	36.5	B	38.0	B	38.0	B	31.4	C	31.4	C	38.8	B	38.8	B	19.2	E	19.2	E	26.5	D	26.5	D	21.2	D	21.2	D
CR 427 to Weldon Blvd.	0.21	41.4	B			43.7	A			40.9	B			44.4	A			42.2	A			46.2	A			46.2	A			42.2	A			47.5	A			36.8	B		
Weldon Blvd. to County Home Rd.	0.61	41.5	B	41.5	B	42.7	A	42.9	A	47.6	A	45.7	A	37.4	B	39.0	B	47.9	A	46.3	A	44.5	A	44.9	A	34.1	B	36.3	B	45.5	A	44.7	A	50.4	A	49.7	A	45.5	A	43.2	A
County Home Rd. to Bargain Blvd.	0.32	40.7	B			44.9	A			42.0	A			35.0	B			40.9	B			43.6	A			48.0	A			42.9	A			45.0	A			45.0	A		
Bargain Blvd. to Bush Blvd.	0.11	44.1	A			47.3	A			47.2	A			38.2	B			42.1	A			25.7	D			48.0	A			45.0	A			48.0	A			51.4	A		
Bush Blvd. to Collins Dr./Lake Minnie Dr.	0.35	46.7	A			44.0	A			45.2	A			46.3	A			48.2	A			39.6	B			36.2	B			44.1	A			47.0	A			49.1	A		
Collins Dr./Lake Minnie Dr. to Lake Mary Blvd.	0.44	23.6	D	33.8	C	17.9	E	29.1	C	21.5	D	31.9	C	17.7	E	27.5	C	22.0	D	32.4	C	20.3	E	28.9	C	23.0	D	32.4	C	23.4	D	33.3	C	18.0	E	29.5	C	20.2	E	32.0	C
Lake Mary Blvd. to Plaza/Walmart Entrance	0.25	38.7	B			40.2	B			43.0	A			35.8	B			31.9	C			37.5	B			48.6	A			38.6	B			33.7	C			38.6	B		
Plaza/Walmart Entrance to Americana Blvd.	0.20									38.6	B	41.0	B	43.9	A	38.9	B	43.9	A			33.3	C			33.3	C			47.0	A			45.0	A			47.0	A		
Americana Blvd. to Airport Blvd.	0.51	41.0	B	40.1	B	40.8	B	40.6	B	35.3	B			32.8	C			31.4	C	33.5	C	27.6	C	31.0	C	29.1	C	34.1	B	23.9	D	29.8	C	20.4	E	25.9	D	19.0	E	25.5	D
Airport Blvd. to SR 417	0.55	39.6	B			40.6	B			36.4	B			36.9	B			37.7	B			36.5	B			40.0	B			41.5	B			37.8	B			41.5	B		
SR 417 to 27th St.	0.16	21.7	D			30.2	C			23.0	D			24.0	D			26.4	D			22.0	D			23.1	D			31.0	C			34.3	B			24.0	D		
27th St. to Park Dr.	0.27	38.6	B			32.9	C			26.9	D			29.8	C			25.2	D			36.0	B			32.3	C			36.5	B			31.1	C			37.3	B		
Park Dr. to 25th St.	0.32	25.6	D	32.0	C	29.9	C	34.5	B	14.9	F	24.3	D	20.0	E	28.0	C	28.1	C	30.4	C	24.6	D	29.9	C	27.8	C	32.2	C	32.5	C	36.5	B	17.3	E	28.1	C	25.6	D	32.9	C
25th St. to 20th St.	0.50	36.4	B			37.6	B			39.0	B			36.9	B			40.5	B			36.4	B			40.0	B			42.3	A			37.5	B			42.3	A		
20th St. to 15th St.	0.32	29.2	C			29.4	C			38.7	B			31.5	C			35.3	B			29.5	C			34.9	B			38.4	B			33.7	C			34.9	B		
15th St. to 13th St.	0.15	32.5	C			36.8	B			35.1	B			33.6	C			36.5	B			19.6	E			37.5	B			37.5	B			22.5	D			25.0	D		
13th St. to 3rd St.	0.63	33.4	C			37.7	B			40.8	B			33.9	C			27.9	C			31.8	C			37.8	B			39.4	B			39.4	B			38.6	B		
3rd St. to SR 46/1st St.	0.12	12.0	F	29.5	C	17.8	E	33.3	C	37.9	B	39.1	B	7.1	F	26.9	D	20.3	E	32.0	C	26.0	D	30.4	C	21.7	D	35.8	B	26.0	D	38.3	B	23.6	D	33.9	C	25.2	D	35.7	B
SR 46/1st St. to Seminole Blvd.	0.26																	-	-	-	-	-	-	-	-	38.7	B	38.7	B	36.9	B	36.9	B	38.1	B	38.1	B	37.5	B	37.5	B
Seminole Blvd. to Jessamine Ave.	0.56																	-	-	-	-	-	-	-	-																
Jessamine Ave. to Oak Dr.	0.75	44.2	A	44.2	A	45.2	A	45.2	A	47.0	A	47.0	A	41.8	B	41.8	B	-	-	-	-	-	-	-	-	48.3	A	48.3	A	48.0	A	48.0	A	47.7	A	47.7	A	49.4	A	49.4	A
Oak Dr. to Central Florida Zoo	1.60																	-	-	-	-	-	-	-	-																
Central Florida Zoo to CR 15/I-4 (E. Ramps)	0.27	48.9	A			51.1	A			53.7	A			44.0	A			-	-	-	-	-	-	-	-	46.9	A	46.9	A	45.6	A	45.6	A	47.5	A	47.5	A	51.8	A	51.8	A
CR 15/I-4 (E. Ramps) to I-4 (W. Ramps)	0.22	42.2	A	48.1	A	41.6	B	49.9	A	Under Construction				40.3	B	43.6	A	-	-	-	-	-	-	-	-	45.0	A			34.5	B			41.5	B			47.6	A		
I-4 (W. Ramps) to Volusia County Line	0.09	41.3	B	41.3	B	75.7	A	75.7	A					43.6	A	43.6	A	-	-	-	-	-	-	-	-	55.4	A	47.8	A	48.0	A	37.7	B	51.4	A	44.1	A	48.0	A	47.8	A
Average				36.4	B			37.0	B			37.5	B			32.8	C			33.5	C			31.9	C			33.8	C			35.7	B			34.9	B			35.2	B

Note: * From 2009, additional control point has been considered on "Laura St." the segment limits will be Seminola/Dogtrack Dr to Laura St. and the segment length will be 0.51 Mile

Note: ** From 2009, additional control point has been considered on "Laura St." the segment limits will be Laura St. to SR 434 and the segment length will be 0.62 Mile

Note: *** From 2011, additional control point has been considered on "Plumosa Ave." The segment limits will be Triplet Lake Dr. to Plumosa Ave. and the segment length will be .33 Mile

Note: **** From 2011, additional control point has been considered on "Plumosa Ave." The segment limits will be Plumosa Ave. to Button Rd. and the segment length will be .26 Mile

TABLE S5.1b
Year 2014 Seminole County Travel Time & Delay Study
US 17-92 (Parts A & B) Northbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
PM PEAK HOUR																																									
Orange County Line to Spartan Dr.	0.28	27.5	C			20.0	E			26.9	D			14.8	F			21.4	D			36.3	B			33.9	C			28.9	C			27.0	D			30.6	C		
Spartan Dr. to O'Brien Rd.	0.47	22.4	D			30.0	C			30.5	C			31.6	C			33.9	C			43.0	A			32.7	C			37.1	B			42.1	A			34.0	C		
O'Brien Rd. to Lake of the Woods Blvd.	0.32	14.9	F	20.3	E	12.4	F	19.3	E	14.7	F	22.4	D	13.8	F	18.9	E	32.2	C	29.3	C	39.1	B	40.0	B	36.0	B	33.9	C	29.5	C	32.3	C	38.7	B	36.0	B	23.5	D	29.3	C
Lake of the Woods Blvd. to Prairie Lake Dr.	0.25													37.5	B			43.3	A			31.8	C			27.9	C			28.4	C			37.1	B			38.0	B		
Prairie Lake Dr. to Fernwood Blvd.	0.27	16.0	E			13.3	F			16.7	E			26.8	D			40.0	B			18.4	E			15.7	F			24.4	D			19.0	E			17.5	E		
Fernwood Blvd. to SR 436	0.20	3.9	F	8.6	F	4.2	F	8.4	F	3.8	F	8.7	F	5.1	F	12.9	F	6.7	F	17.2	E	5.7	F	12.6	F	6.7	F	13.0	F	6.7	F	14.7	F	5.5	F	12.8	F	6.9	F	14.4	F
SR 436 to Live Oaks Blvd.	0.23	37.8	B			37.5	B			20.0	E			38.1	B			42.2	A			41.7	B			14.3	F			38.3	B			39.4	B			37.3	B		
Live Oaks Blvd. to Triplet Lake Dr.	0.53	38.1	B	38.0	B	29.4	C	31.5	C	45.4	A	32.6	C	32.7	C	34.3	B	44.8	A	44.0	A	45.6	A	44.3	A	41.0	B	25.8	D	33.7	C	35.0	B	42.6	A	41.6	B	38.1	B	37.9	B
Triplet Lake Dr. to Plumosa Ave.***	0.59	35.1	B			28.4	C			38.0	B			23.0	D			42.4	A			31.3	C			42.1	A			39.6	B			43.0	A			43.0	A		
Plumosa Ave. to Button Rd.****																										39.0	B			27.4	C			39.0	B			39.0	B		
Button Rd. to Seminola Blvd./Dog Track Rd.	0.27	34.2	B	34.8	B	31.8	C	29.4	C	37.9	B	38.0	B	23.5	D	23.2	D	44.0	A	42.9	A	33.7	C	32.0	C	40.5	B	40.6	B	34.3	B	33.5	C	35.7	B	39.2	B	22.4	D	32.4	C
Seminola Blvd./Dog Track Rd. to Laura St.*	1.13	26.0	D	26.0	D	25.5	D	25.5	D	25.7	D	25.7	D	30.5	C	30.5	C	48.1	A			45.0	A			46.4	A			43.9	A			43.9	A			43.9	A		
Laura St. to SR 434**																		27.2	C	33.9	C	24.4	D	30.8	C	30.2	C	35.9	B	16.9	E	23.2	D	17.8	E	24.1	D	16.2	E	22.4	D
SR 434 to Orange Ave.	0.41	41.8	B			43.4	A			41.7	B			44.2	A			45.2	A			45.3	A			21.7	D			67.7	A			42.6	A			39.4	B		
Orange Ave. to Shepard Rd./Raven Ave.	0.76	44.9	A	43.7	A	47.8	A	45.9	A	42.0	A	41.9	B	48.1	A	46.6	A	41.0	B	42.5	A	26.6	D	31.3	C	34.4	B	28.3	C	43.7	A	50.3	A	45.0	A	44.1	A	44.6	A	42.5	A
Shepard Rd./Raven Ave. to Gen. Hutchinson Pkwy.	0.55	47.0	A			47.6	A			47.4	A			50.2	A			51.6	A			47.8	A			39.3	B			45.8	A			47.7	A			47.0	A		
Gen. Hutchinson Pkwy. to SR 419/CR 427	0.85	25.9	D	31.6	C	22.3	D	28.5	C	32.1	C	36.8	B	26.6	D	32.7	C	24.7	D	31.2	C	24.5	D	30.9	C	33.7	C	35.9	B	36.0	B	39.5	B	36.8	B	40.7	B	38.0	B	41.3	B
SR 419/CR 427 to CR 427	0.22	41.8	B	41.8	B	38.8	B	38.8	B	40.9	B	40.9	B	24.5	D	24.5	D	39.2	B	39.2	B	21.6	D	21.6	D	16.7	E	16.7	E	24.6	D	24.6	D	23.0	D	23.0	D	31.4	C	31.4	C
CR 427 to Weldon Blvd.	0.21	40.1	B			39.5	B			45.7	A			45.4	A			45.5	A			50.0	A			48.0	A			30.0	C			42.2	A			39.3	B		
Weldon Blvd. to County Home Rd.	0.61	45.2	A	43.8	A	39.6	B	39.6	B	42.7	A	43.4	A	44.6	A	44.8	A	46.1	A	45.9	A	40.6	B	42.6	A	42.0	B	43.3	A	47.8	A	42.1	A	49.7	A	47.8	A	48.5	A	46.0	A
County Home Rd. to Bargain Blvd.	0.32	39.0	B			37.4	B			38.8	B			41.5	B			42.6	A			44.6	A			46.8	A			45.0	A			45.0	A			46.2	A		
Bargain Blvd. to Bush Blvd.	0.11	23.3	D			25.9	D			30.2	C			49.1	A			26.3	D			31.3	C			42.4	A			48.0	A			42.4	A			48.0	A		
Bush Blvd. to Collins Dr./Lake Minnie Dr.	0.35	42.5	A			29.3	C			44.1	A			33.8	C			41.2	B			36.2	B			45.7	A			40.0	B			40.8	B			45.0	A		
Collins Dr./Lake Minnie Dr. to Lake Mary Blvd.	0.44	20.9	E	29.1	C	20.7	E	26.4	D	14.6	F	24.4	D	18.9	E	28.0	C	20.8	E	29.6	C	21.0	E	29.5	C	18.9	E	30.2	C	20.8	E	31.0	C	26.1	D	34.7	B	22.8	D	33.6	C
Lake Mary Blvd. to Plaza/Walmart Entrance	0.25	26.0	D			37.7	B			39.6	B			34.9	B			34.0	B			32.1	C			34.0	C			20.0	E			17.4	E			33.1	C		
Plaza/Walmart Entrance to Americana Blvd.	0.20	35.7	B	31.3	C	37.3	B	37.5	B	37.0	B	38.4	B	41.4	B	37.5	B	37.2	B			39.1	B			31.0	C			26.3	D			36.0	B			40.0	B		
Americana Blvd. to Airport Blvd.	0.51									30.7	C			41.3	B			41.7	B	38.4	B	29.1	C	31.3	C	35.2	B	34.1	B	21.4	D	21.7	D	22.0	D	22.0	D	20.4	E	25.5	D
Airport Blvd. to SR 417	0.55	31.9	C			35.5	B			40.6	B			36.7	B			36.5	B			28.7	C			36.1	B			35.0	B			32.9	C			36.5	B		
SR 417 to 27th St.	0.16	15.8	F			29.0	C			32.8	C			20.8	E			36.8	B			18.0	E			25.0	D			19.2	E			15.2	F			32.0	C		
27th St. to Park Dr.	0.27	39.9	B			39.7	B			40.1	B			38.7	B			36.9	B			33.2	C			32.9	C			34.3	B			30.0	C			36.5	B		
Park Dr. to 25th St.	0.32	16.4	E	24.4	D	12.4	F	24.4	D	15.4	F	28.5	C	12.4	F	23.5	D	32.1	C	35.4	B	18.9	E	23.9	D	13.9	F	24.7	D	20.9	E	27.6	C	16.4	E	23.4	D	28.7	C	33.7	C
25th St. to 20th St.	0.50	27.8	C			27.2	C			22.8	D			32.3	C			32.8	C			32.9	C			33.0	C			38.0	B			37.5	B			38.5	B		
20th St. to 15th St.	0.32	23.9	D			22.1	D			22.2	D			32.2	C			36.6	B			27.8	C			33.7	C			34.9	B			31.0	C			36.2	B		
15th St. to 13th St.	0.15	14.2	F			18.4	E			23.2	D			22.6	D			34.1	B			23.7	D			36.0	B			36.0	B			28.1	C			36.0	B		
13th St. to 3rd St.	0.63	30.5	C			30.4	C			35.8	B			33.5	C			29.9	C			25.0	D			37.8	B			38.6	B			36.3	B			38.6	B		
3rd St. to SR 46/1st St.	0.12	14.3	F	24.2	D	13.7	F	24.3	D	10.3	F	23.9	D	14.3	F	29.0	C	26.8	D	31.9	C	17.0	E	26.3	D	31.2	C	34.8	B	25.2	D	36.0	B	27.9	C	33.9	C	32.5	C	37.3	B
SR 46/1st St. to Seminole Blvd.	0.26																	-	-	-	-	-	-	-	-	37.5	B	37.5	B	36.9	B	36.9	B	37.5	B	37.5	B	35.8	B	35.8	B
Seminole Blvd. to Jessamine Ave.	0.56	42.1	A	42.1	A	43.9	A	43.9	A									-	-	-	-	-	-	-	-																
Jessamine Ave. to Oak Dr.	0.75									35.7	B	35.7	B	46.2	A	46.2	A	-	-	-	-	-	-	-	-	46.1	A	46.1	A	45.8	A	45.8	A	48.0	A	48.0	A	45.8	A	45.8	A
Oak Dr. to Central Florida Zoo	1.60																	-	-	-	-	-	-	-	-																
Central Florida Zoo to CR 15/I-4 (E. Ramps)	0.27	46.4	A			41.0	B			17.8	E			44.9	A			-	-	-	-	-	-	-	-	46.5	A	46.5	A	43.1	A	43.1	A	37.3	B	37.3	B	41.4	B	41.4	B
CR 15/I-4 (E. Ramps) to I-4 (W. Ramps)	0.22	43.2	A	46.0	A	28.7	C	39.2	B	Under Construction				40.8	B	44.4	A	-	-	-	-	-	-	-	-	47.6	A			37.7	B			41.5	B			42.6	A		
I-4 (W. Ramps) to Volusia County Line	0.09	45.1	A	45.1	A	47.7	A	47.7	A					44.2	A	44.2	A	-	-	-	-	-	-	-	-	55.4	A	49.8	A	48.0	A	40.3	B	51.4	A	44.1	A	48.0	A	44.1	A
Average				28.5	C			27.2	C			25.7	D			30.1	C			33.3	C			28.5	C			31.9	C			32.3	C			31.8	C			33.1	C

Note: * From 2009, additional control point has been considered on "Laura St." the segment limits will be Seminola/Dogtrack Dr to Laura St. and the segment length will be 0.51 Mile

Note: ** From 2009, additional control point has been considered on "Laura St." the segment limits will be Laura St. to SR 434 and the segment length will be 0.62 Mile

Note: *** From 2011, additional control point has been considered on "Plumosa Ave." The segment limits will be Triplet Lake Dr. to Plumosa Ave. and the segment length will be .33 Mile

Note: **** From 2011, additional control point has been considered on "Plumosa Ave." The segment limits will be Plumosa Ave. to Button Rd. and the segment length will be .26 Mile

TABLE S5.2a
Year 2014 Seminole County Travel Time & Delay Study
US 17-92 (Parts A & B) - Southbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
Volusia County Line to I-4 (W. Ramps)	0.41	43.1	A			48.8	A			Under Construction				47.1	A			-	-	-	-	-	-	-	-	37.9	B			15.3	F			45.0	A			42.4	A		
I-4 (W. Ramps) to I-4 (E. Ramps)/CR15	0.23	26.3	D	35.1	B	26.6	D	37.7	B					16.0	E	26.6	D	-	-	-	-	-	-	-	-	20.8	E	24.1	D	16.4	E	16.0	E	11.4	F	14.8	F	11.7	F	15.0	F
I-4 (E. Ramps)/CR 15 to Central Florida Zoo	0.28																	-	-	-	-	-	-	-	-																
Central Florida Zoo to Oak Dr.	1.60	47.4	A			49.3	A			49.8	A			49.0	A			-	-	-	-	-	-	-	-	49.7	A	49.7	A	50.1	A	50.1	A	49.9	A	49.9	A	51.1	A	51.1	A
Oak Dr. to Jessamine Ave.	0.75																	-	-	-	-	-	-	-	-																
Jessamine Ave. to Seminole Blvd.	0.55																	-	-	-	-	-	-	-	-	46.1	A	46.1	A	48.0	A	48.0	A	46.7	A	46.7	A	47.0	A	47.0	A
Seminole Blvd. to SR 46/1st St.	0.25	36.4	B	41.7	B	41.9	B	45.6	A	34.8	B	41.7	B	37.4	B	43.0	A	-	-	-	-	-	-	-	-	24.0	D	24.0	D	17.3	E	17.3	E	25.5	D	25.5	D	24.5	D	24.5	D
SR 46/1st St. to 3rd St.	0.12	27.1	C			30.0	C			30.9	C			16.6	E			30.5	C			22.3	D			37.1	B			32.5	C			35.5	B			35.5	B		
3rd St. to 13th St.	0.62	35.2	B			39.4	B			39.9	B			38.7	B			31.3	C			29.1	C			31.2	C			38.6	B			39.8	B			38.2	B		
13th St. to 15th St.	0.15	30.4	C			35.1	B			34.7	B			36.1	B			33.2	C			25.7	D			26.5	D			36.0	B			37.5	B			37.5	B		
15th St. to 20th St.	0.32	21.9	D			25.1	D			31.8	C			28.1	C			33.2	C			24.0	D			24.6	D			27.0	C			29.1	C			33.7	C		
20th St. to 25th St./CR 46A	0.50	22.7	D	26.9	D	34.3	B	33.3	C	28.6	C	33.3	C	33.0	C	31.5	C	29.3	C	31.1	C	26.8	D	26.5	D	27.5	C	28.6	C	34.1	B	33.9	C	31.9	C	34.5	B	32.6	C	35.3	B
25th St./CR 46A to Park Dr.	0.33	25.4	D			30.2	C			40.5	B			37.6	B			40.8	B			40.3	B			41.7	B			39.2	B			39.2	B			42.7	A		
Park Dr. to 27th St.	0.27	25.1	D			22.2	D			44.2	A			40.0	B			43.2	A			21.4	D			41.0	B			29.5	C			27.5	C			42.0	B		
27th St. to SR 417	0.16	38.9	B			26.9	D			43.8	A			39.6	B			42.5	A			37.5	B			37.5	B			20.0	E			25.9	D			24.6	D		
SR 417 to Airport Blvd.	0.58	24.7	D	26.3	D	32.2	C	28.4	C	34.1	B	38.5	B	24.3	D	31.2	C	23.9	D	32.0	C	24.5	D	28.3	C	29.0	C	34.6	B	26.0	D	28.1	C	29.5	C	30.3	C	26.2	D	31.4	C
Airport Blvd. to Americana Blvd.	0.53	38.0	B			36.6	B			41.0	B			22.2	D			41.4	B			40.8	B			39.7	B			44.3	A			37.8	B			46.4	A		
Americana Blvd. to Plaza/Walmart Entrance	0.20									26.3	D			40.9	B			47.7	A			42.9	A			32.1	C			37.5	B			40.0	B			40.0	B		
Plaza/Walmart Entrance to Lake Mary Blvd.	0.25	15.6	F	25.0	D	25.8	D	31.8	C	34.2	B	35.1	B	25.1	D	25.3	D	35.0	B	40.6	B	32.7	C	38.1	B	40.9	B	38.7	B	27.7	C	36.5	B	26.6	D	34.1	B	34.5	B	41.1	B
Lake Mary Blvd. to Collins Dr./Lake Minie Dr.	0.43	42.5	A			31.4	C			48.3	A			45.3	A			47.7	A			44.0	A			47.1	A			45.5	A			43.3	A			42.6	A		
Collins Dr./Lake Minie Dr. to Bush Blvd.	0.36	34.0	C			39.8	B			48.2	A			47.0	A			48.7	A			42.9	A			47.7	A			45.7	A			39.3	B			46.0	A		
Bush Blvd. to Bargain Blvd.	0.11	37.2	B			31.2	C			50.2	A			47.0	A			47.2	A			45.0	A			48.0	A			48.0	A			42.4	A			48.0	A		
Bargain Blvd. to County Home Rd.	0.31	34.8	B	37.3	B	38.2	B	35.1	B	46.9	A	48.0	A	49.6	A	46.9	A	50.2	A	48.5	A	39.2	B	42.4	A	54.9	A	49.2	A	40.8	B	44.5	A	38.3	B	40.7	B	50.0	A	45.7	A
County Home Rd. to Weldon Blvd.	0.62	36.6	B			29.1	C			37.1	B			32.4	C			36.7	B			34.7	B			29.3	C			30.7	C			31.8	C			30.5	C		
Weldon Blvd. to CR 427	0.22	24.7	D	32.8	C	15.3	F	23.8	D	28.3	C	34.5	B	24.1	D	29.9	C	20.0	E	30.5	C	18.7	E	28.8	C	36.4	B	30.7	C	40.7	B	32.6	C	19.0	E	27.5	C	19.7	E	27.0	C
CR 427 to SR 419/CR 427	0.22	22.4	D	22.4	D	21.0	D	21.0	D	29.1	C	29.1	C	28.0	C	28.0	C	33.0	C	33.0	C	33.0	C	33.0	C	32.2	C	32.2	C	36.0	B	36.0	B	14.8	F	14.8	F	37.3	B	37.3	B
SR 419/CR 427 to Gen. Hutchinson Pkwy.	0.81	41.7	B			35.8	B			33.1	C			43.5	A			39.7	B			43.0	A			46.7	A			37.3	B			48.1	A			49.1	A		
Gen. Hutchinson Pkwy. to Shepard Rd./Raven Ave.	0.57	28.8	C	35.4	B	46.3	A	39.3	B	31.8	C	32.6	C	40.2	B	42.1	A	33.9	C	37.1	B	38.1	B	40.8	B	35.4	B	41.2	B	38.7	B	37.8	B	46.4	A	47.4	A	45.2	A	47.4	A
Shepard Rd./Raven Ave. to Orange Ave.	0.76	44.7	A			49.5	A			48.6	A			46.8	A			47.2	A			44.1	A			43.7	A			43.3	A			43.3	A			44.6	A		
Orange Ave. to SR 434	0.45	11.8	F	22.4	D	10.5	F	21.1	D	9.6	F	19.9	E	17.9	E	29.8	C	20.5	E	32.2	C	20.8	E	31.3	C	12.3	F	22.7	D	28.1	C	36.1	B	23.4	D	32.9	C	28.4	C	36.8	B
SR 434 to Laura St.**	1.11	37.3	B	37.3	B	41.6	B	41.6	B	43.6	A	43.6	A	38.7	B	38.7	B	41.7	B			37.7	B			37.0	B			43.5	A			44.3	A			43.8	A		
Laura St. to Seminola Blvd./Dog Track Rd.*																		27.1	C	33.8	C	30.6	C	34.1	B	32.9	C	35.0	B	29.6	C	37.1	B	43.9	A	44.1	A	20.0	E	28.7	C
Seminole Blvd./Dog Track Rd. to Button Rd.	0.29	30.0	C			40.9	B			29.7	C			37.4	B			37.1	B			38.6	B			37.7	B			41.0	B			42.0	B			30.5	C		
Button Rd. to Plumosa Ave. ***	0.59	31.4	C	30.9	C	42.2	A	41.7	B	39.9	B	35.9	B	42.0	B	40.3	B	41.3	B	39.8	B	40.7	B	40.0	B	41.1	B			42.2	A			43.3	A			40.0	B		
Plumosa Ave. to Triplet Lake Dr. ****																										43.0	A	40.6	B	44.0	A	42.4	A	43.0	A	42.8	A	42.1	A	37.0	B
Triplet Lake Dr. to Live Oaks Blvd.	0.54	18.5	E			26.9	D			28.9	C			36.8	B			42.7	A			34.8	B			34.8	B			31.2	C			19.9	E			35.2	B		
Live Oaks Blvd. to SR 436	0.23	7.3	F	12.7	F	6.9	F	14.4	F	6.5	F	14.2	F	10.6	F	21.2	D	8.0	F	18.8	E	9.6	F	19.0	E	7.4	F	16.0	E	11.8	F	20.9	E	6.4	F	12.2	F	8.1	F	17.6	E
SR 436 to Fernwood Blvd.	0.20	37.1	B			37.7	B			39.6	B			29.8	C			39.3	B			34.3	B			30.0	C			30.8	C			30.8	C			38.0	B		
Fernwood Blvd. to Prairie Lake Dr.	0.25													27.6	C			44.8	A			41.5	B			42.6	A			21.4	D			26.0	D			31.8	C		
Prairie Lake Dr. to Lake of the Woods Blvd.	0.26	24.4	D	27.1	C	24.3	D	27.1	C	25.1	D	28.1	C	12.9	F	19.8	E	31.9	C	37.5	B	36.3	B	37.4	B	40.0	B	37.4	B	31.8	C	26.8	D	17.7	E	23.0	D	29.4	C	32.3	C
Lake of the Woods Blvd. to O'Brien Rd.	0.32	39.5	B			35.0	B			22.4	D			16.1	E			30.6	C			41.9	B			34.6	B			18.8	E			33.8	C			42.3	A		
O'Brien Rd. to Spartan Dr.	0.46	37.7	B			40.4	B			42.1	A			9.4	F			42.4	A			43.6	A			43.0	A			42.1	A			40.9	B			45.5	A		
Spartan Dr. to Orange County Line	0.26	42.9	A	39.4	B	48.0	A	40.0	B	41.8	B	33.1	C	38.4	B	13.8	F	46.6	A	38.6	B	48.7	A	44.3	A	45.9	A	40.8	B	46.3	A	31.3	C	46.3	A	39.6	B	49.1	A	45.3	A
Average				29.7	C			31.8	C			32.5	C			30.4	C			33.8	C			32.5	C			33.7	C			33.8	C			32.2	C			34.8	B

Note: * From 2009, additional control point has been considered on "Laura St." the segment limits will be Laura St. to Seminola/Dogtrack Dr. and the segment length will be 0.49 Mile

Note: ** From 2009, additional control point has been considered on "Laura St." the segment limits will be SR 434 to Laura St. and the segment length will be 0.63 Mile

Note: *** From 2011, additional control point has been considered on "Plumosa Ave." The segment limits will be Button Rd. to Plumosa Ave. and the segment length will be .26 Mile

Note: **** From 2011, additional control point has been considered on "Plumosa Ave." The segment limits will be Plumosa Ave. to Triplet Lake Dr. and the segment length will be .33 Mile

TABLE S5.2b
Year 2014 Seminole County Travel Time & Delay Study
US 17-92 (Parts A & B) - Southbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
PM PEAK HOUR																																									
Volusia County Line to I-4 (W. Ramps)	0.41	43.0	A			50.9	A			Under Construction				45.6	A			-	-	-	-	-	-	-	-	51.4	A			37.9	B			48.0	A			51.4	A		
I-4 (W. Ramps) to I-4 (E. Ramps)/CR15	0.23	11.5	F	21.7	D	13.6	F	25.9	D					15.4	F	26.0	D	-	-	-	-	-	-	-	-	19.3	E	23.9	D	21.0	D	24.4	D	12.9	F	16.6	E	9.7	F	12.9	F
I-4 (E. Ramps)/CR 15 to Central Florida Zoo	0.28																	-	-	-	-	-	-	-	-																
Central Florida Zoo to Oak Dr.	1.60	49.1	A			50.3	A			46.8	A			48.5	A			-	-	-	-	-	-	-	-	49.7	A	49.7	A	48.2	A	48.2	A	48.6	A	48.6	A	49.5	A	49.5	A
Oak Dr. to Jessamine Ave.	0.75																	-	-	-	-	-	-	-	-																
Jessamine Ave. to Seminole Blvd.	0.55																	-	-	-	-	-	-	-	-	44.3	A	44.3	A	46.1	A	46.1	A	47.3	A	47.3	A	48.0	A	48.0	A
Seminole Blvd. to SR 46/1st St.	0.25	32.9	C	40.2	B	37.3	B	43.4	A	38.5	B	42.6	A	31.5	C	38.9	B	-	-	-	-	-	-	-	-	13.3	F	13.3	F	14.5	F	14.5	F	17.4	E	17.4	E	21.4	D	21.4	D
SR 46/1st St. to 3rd St.	0.12	29.9	C			11.3	F			33.3	C			21.2	D			18.6	E			24.4	D			33.9	C			30.0	C			33.9	C			35.5	B		
3rd St. to 13th St.	0.62	29.1	C			28.1	C			32.5	C			28.9	C			30.8	C			29.5	C			39.0	B			36.0	B			38.6	B			36.3	B		
13th St. to 15th St.	0.15	28.1	C			30.7	C			26.8	D			28.9	C			22.0	D			31.0	C			36.0	B			36.0	B			36.0	B			36.0	B		
15th St. to 20th St.	0.32	30.3	C			26.7	D			26.9	D			26.6	D			33.2	C			31.0	C			28.7	C			36.9	B			28.2	C			30.0	C		
20th St. to 25th St./CR 46A	0.50	24.9	D	27.9	C	23.3	D	23.8	D	29.2	C	29.8	C	20.5	E	24.9	D	19.9	E	25.1	D	26.4	D	28.4	C	31.6	C	33.8	C	38.0	B	36.2	B	26.3	D	31.6	C	30.3	C	33.1	C
25th St./CR 46A to Park Dr.	0.33	30.4	C			30.1	C			36.7	B			29.5	C			37.5	B			39.0	B			41.7	B			40.8	B			39.2	B			43.6	A		
Park Dr. to 27th St.	0.27	21.7	D			31.9	C			31.1	C			39.1	B			32.1	C			21.7	D			33.6	C			42.0	B			32.9	C			32.9	C		
27th St. to SR 417	0.16	36.4	B			22.8	D			33.6	C			42.8	A			33.4	C			36.0	B			36.0	B			34.6	B			35.6	B			29.1	C		
SR 417 to Airport Blvd.	0.58	23.2	D	25.6	D	23.0	D	25.9	D	34.3	B	34.0	B	20.3	E	26.9	D	25.9	D	30.4	C	17.4	E	23.4	D	23.5	D	29.8	C	32.3	C	36.2	B	27.3	C	31.7	C	16.8	E	24.1	D
Airport Blvd. to Americana Blvd.	0.53	33.6	C			23.1	D			26.1	D			31.9	C			34.4	B			34.0	C			35.2	B			25.9	D			29.7	C			29.7	C		
Americana Blvd. to Plaza/Walmart Entrance	0.20									25.9	D			30.6	C			33.2	C			36.0	B			16.4	E			32.1	C			40.0	B			37.2	B		
Plaza/Walmart Entrance to Lake Mary Blvd.	0.25	25.0	D	29.9	C	31.0	C	25.4	D	16.5	E	19.7	E	18.3	E	22.3	D	11.8	F	16.6	E	22.5	D	25.7	D	40.9	B	31.0	C	34.0	C	28.9	C	22.5	D	28.5	C	21.0	D	27.6	C
Lake Mary Blvd. to Collins Dr./Lake Minie Dr.	0.43	41.6	B			21.3	D			26.7	D			42.8	A			34.8	B			40.6	B			37.2	B			45.5	A			32.2	C			46.3	A		
Collins Dr./Lake Minie Dr. to Bush Blvd.	0.36	32.2	C			31.4	C			40.8	B			45.5	A			42.7	A			38.9	B			45.7	A			32.3	C			37.9	B			37.2	B		
Bush Blvd. to Bargain Blvd.	0.11	40.6	B			31.9	C			44.4	A			47.2	A			48.4	A			45.0	A			48.0	A			42.4	A			45.0	A			42.4	A		
Bargain Blvd. to County Home Rd.	0.31	24.3	D	33.0	C	46.8	A	28.8	C	27.0	C	31.1	C	49.6	A	45.5	A	49.6	A	41.1	B	38.4	B	39.9	B	53.3	A	43.9	A	51.9	A	41.7	B	36.0	B	35.7	B	47.4	A	43.1	A
County Home Rd. to Weldon Blvd.	0.62	32.9	C			30.2	C			34.5	B			32.5	C			44.6	A			35.7	B			32.9	C			34.4	B			29.5	C			26.8	D		
Weldon Blvd. to CR 427	0.22	20.5	E	28.7	C	33.0	C	30.8	C	35.5	B	34.8	B	14.5	F	24.8	D	28.0	C	39.0	B	18.5	E	29.1	C	20.3	E	28.6	C	42.2	A	35.9	B	16.3	E	24.8	D	19.0	E	24.5	D
CR 427 to SR 419/CR 427	0.22	38.2	B	38.2	B	45.3	A	45.3	A	41.5	B	41.5	B	39.5	B	39.5	B	30.5	C	30.5	C	31.4	C	31.4	C	42.6	A	42.6	A	42.4	A	42.4	A	43.1	A	43.1	A	28.2	C	28.2	C
SR 419/CR 427 to Gen. Hutchinson Pkwy.	0.81	43.4	A			43.8	A			41.6	B			39.6	B			46.9	A			46.7	A			44.6	A			35.8	B			43.0	A			46.7	A		
Gen. Hutchinson Pkwy. to Shepard Rd./Raven Ave.	0.57	31.3	C	37.6	B	42.0	B	43.0	A	37.1	B	39.7	B	40.6	B	40.0	B	36.2	B	42.0	B	28.3	C	36.7	B	32.5	C	38.5	B	30.0	C	33.3	C	39.1	B	41.3	B	30.0	C	37.9	B
Shepard Rd./Raven Ave. to Orange Ave.	0.76	44.1	A			47.4	A			47.4	A			47.0	A			47.8	A			45.5	A			44.6	A			41.7	B			44.1	A			42.5	A		
Orange Ave. to SR 434	0.45	18.1	E	29.2	C	19.2	E	31.0	C	18.3	E	30.2	C	24.4	D	35.3	B	19.9	E	31.8	C	17.3	E	28.5	C	19.4	E	30.3	C	19.4	E	29.3	C	18.9	E	29.5	C	17.5	E	27.8	C
SR 434 to Laura St.**	1.11	43.2	A	43.2	A	46.6	A	46.6	A	46.0	A	46.0	A	45.1	A	45.1	A	44.7	A			42.1	A			42.6	A			37.4	B			42.3	A			37.2	B		
Laura St. to Seminola Blvd./Dog Track Rd.*																		42.3	A	43.6	A	40.3	B	41.2	B	43.7	A	43.1	A	40.3	B	38.4	B	42.0	B	42.2	A	35.0	B	36.2	B
Seminole Blvd./Dog Track Rd. to Button Rd.	0.29	42.3	A			45.2	A			46.2	A			37.1	B			43.0	A			40.5	B			40.5	B			41.0	B			41.0	B			26.2	D		
Button Rd. to Plumosa Ave. ***	0.59	38.7	B	39.8	B	40.9	B	42.2	A	39.6	B	41.5	B	38.3	B	37.9	B	31.1	C	34.3	B	23.2	D	26.9	D	42.2	A			40.0	B			42.2	A			39.0	B		
Plumosa Ave. to Triplet Lake Dr. ****																										22.8	D	31.5	C	21.1	D	30.0	C	26.4	D	34.1	B	19.0	E	25.1	D
Triplet Lake Dr. to Live Oaks Blvd.	0.54	30.0	C			34.0	C			30.7	C			32.7	C			40.3	B			40.0	B			37.2	B			28.7	C			39.0	B			30.9	C		
Live Oaks Blvd. to SR 436	0.23	9.8	F	18.6	E	12.2	F	22.2	D	21.2	D	27.1	C	10.9	F	20.6	E	11.7	F	23.4	D	9.6	F	20.0	E	17.2	E	27.2	C	9.7	F	18.1	E	11.4	F	22.6	D	13.9	F	22.6	D
SR 436 to Fernwood Blvd.	0.20	36.9	B			34.1	B			39.4	B			40.2	B			34.7	B			40.0	B			41.4	B			35.6	B			39.3	B			30.0	C		
Fernwood Blvd. to Prairie Lake Dr.	0.25													44.7	A			46.2	A			45.0	A			45.0	A			41.1	B			42.2	A			42.2	A		
Prairie Lake Dr. to Lake of the Woods Blvd.	0.26	29.6	C	31.4	C	26.4	D	28.3	C	32.4	C	34.1	B	25.2	D	34.3	B	46.0	A	42.1	A	27.4	C	35.6	B	31.2	C	38.1	B	35.5	B	37.4	B	35.5	B	38.7	B	39.0	B	37.0	B
Lake of the Woods Blvd. to O'Brien Rd.	0.32	24.4	D			26.8	D			32.8	C			32.4	C			43.3	A			41.9	B			40.0	B			39.6	B			40.4	B			42.3	A		
O'Brien Rd. to Spartan Dr.	0.46	36.1	B			28.2	C			27.8	C			19.4	E			32.0	C			41.7	B			36.5	B			42.7	A			35.2	B			44.8	A		
Spartan Dr. to Orange County Line	0.26	44.4	A	32.8	C	40.8	B	29.9	C	41.6	B	31.8	C	41.9	B	26.3	D	44.6	A	37.5	B	48.7	A	43.3	A	45.9	A	39.5	B	47.6	A	42.9	A	45.0	A	38.9	B	49.1	A	45.0	A
Average				31.4	C			31.8	C			34.3	B			31.8	C			32.5	C			30.6	C			33.7	C			33.7	C			33.2	C			31.6	C

Note: * From 2009, additional control point has been considered on "Laura St." the segment limits will be Laura St. to Seminola/Dogtrack Dr. and the segment length will be 0.49 Mile

Note: ** From 2009, additional control point has been considered on "Laura St." the segment limits will be SR 434 to Laura St. and the segment length will be 0.63 Mile

Note: *** From 2011, additional control point has been considered on "Plumosa Ave." The segment limits will be Button Rd. to Plumosa Ave. and the segment length will be .26 Mile

Note: **** From 2011, additional control point has been considered on "Plumosa Ave." The segment limits will be Plumosa Ave. to Triplet Lake Dr. and the segment length will be .33 Mile

TABLE S6.1a
Year 2014 Seminole County Travel Time & Delay Study
SR 400 (I-4) - Eastbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
Orange County Line to Wymore Rd.	0.05	50.4	E			48.1	F			48.0	F			48.4	F			-	-	-	-	-	-	-	-	60.0	D			60.0	D			60.0	D			48.0	F		
Wymore Rd. to SR 436	1.47	68.6	C	67.7	C	67.0	C	66.0	C	65.0	C	64.2	C	66.4	C	65.5	C	-	-	-	-	-	-	-	-	58.8	E	58.8	E	57.6	E	57.7	E	62.1	D	62.1	D	56.9	E	56.6	E
SR 436 to Central Pkwy.	0.74	65.5	C			69.7	C			65.4	C			70.6	C			-	-	-	-	-	-	-	-	58.4	E			56.9	E			63.4	D			56.9	E		
Central Pkwy. to SR 434	1.26	69.2	C	67.8	C	70.7	C	70.3	C	69.2	C	67.7	C	73.1	C	72.1	C	-	-	-	-	-	-	-	-	59.0	E	58.8	E	57.7	E	57.4	E	63.0	D	63.2	D	56.8	E	56.8	E
SR 434 to E.E. Williamson Rd.	1.66	70.0	C			70.4	C			65.7	C			70.3	C			-	-	-	-	-	-	-	-	60.7	D			59.3	E			63.8	D			59.3	E		
E.E. Williamson Rd. to Lake Mary Blvd.	3.16	73.1	B	72.0	C	69.9	B	70.1	B	68.7	B	67.6	B	73.8	B	72.6	B	-	-	-	-	-	-	-	-	61.0	D	60.9	D	59.8	D	59.6	E	64.8	C	64.4	D	60.6	D	60.1	D
Lake Mary Blvd. to CR 46A	2.22	73.1	B			74.1	B			68.3	B			75.2	B			-	-	-	-	-	-	-	-	61.7	D			61.4	D			65.9	A			62.5	D		
CR 46A to SR 46*	1.91	74.4	B			74.0	B			71.1	B			78.2	B			-	-	-	-	-	-	-	-	63.0	D			61.3	D			66.7	A			62.3	D		
SR 46 to CR 431/Orange Blvd.*	1.54	71.8	B			75.2	B			70.6	B			68.0	B			-	-	-	-	-	-	-	-	62.5	D			61.7	D			67.2	A			61.7	D		
Orange Blvd. to US 17/92	0.23																	-	-	-	-	-	-	-	-	60.0	D			60.0	D			66.9	A			56.1	E		
US 17/92 to Volusia County Line	0.29	70.2	B	73.0	C	69.6	B	74.2	B	68.5	B	69.8	B	62.4	D	73.5	B	-	-	-	-	-	-	-	-	65.7	A	62.3	D	69.0	A	61.6	D	65.7	A	66.5	A	65.7	A	62.0	D
Average				71.3	B			71.2	B			68.1	B			72.1	B											61.0	D			59.9	D			64.9	C			60.0	C
PM PEAK HOUR																																									
Orange County Line to Wymore Rd.	0.05	45.0	F			38.6	F			35.6	F			37.9	F			-	-	-	-	-	-	-	-	60.0	D			48.0	F			48.0	F			48.0	F		
Wymore Rd. to SR 436	1.47	61.8	C	61.1	C	58.5	C	57.5	C	46.4	F	45.9	F	55.3	C	54.4	E	-	-	-	-	-	-	-	-	56.5	E	56.6	E	54.4	E	54.2	E	57.6	E	57.3	E	52.4	E	52.3	E
SR 436 to Central Pkwy.	0.74	65.6	C			63.3	C			45.9	F			49.1	F			-	-	-	-	-	-	-	-	57.7	E			57.7	E			57.7	E			53.5	E		
Central Pkwy. to SR 434	1.26	61.8	C	63.2	C	56.9	C	59.1	C	61.0	C	54.3	E	65.1	C	58.1	C	-	-	-	-	-	-	-	-	58.6	E	58.2	E	55.9	E	56.6	E	60.5	D	59.4	E	55.9	E	55.0	E
SR 434 to E.E. Williamson Rd.	1.66	48.3	F			43.4	F			60.5	C			64.4	D			-	-	-	-	-	-	-	-	56.3	E			59.3	E			60.0	D			58.3	E		
E.E. Williamson Rd. to Lake Mary Blvd.	3.16	66.8	B	58.9	E	63.7	D	54.7	D	65.7	B	63.8	D	66.9	B	66.0	B	-	-	-	-	-	-	-	-	60.8	D	59.1	E	61.2	D	60.5	D	64.8	C	63.0	D	58.1	E	58.2	E
Lake Mary Blvd. to CR 46A	2.22	71.3	B			69.7	B			67.6	B			70.3	B			-	-	-	-	-	-	-	-	62.2	D			61.4	D			66.9	A			61.4	D		
CR 46A to SR 46*	1.91	74.0	B			70.3	B			57.9	E			68.6	B			-	-	-	-	-	-	-	-	56.1	E			61.6	D			66.7	A			62.3	D		
SR 46 to CR 431/Orange Blvd.*	1.54	72.4	B			56.9	D			35.9	F			51.2	F			-	-	-	-	-	-	-	-	48.3	F			61.2	D			58.4	E			60.8	D		
Orange Blvd. to US 17/92	0.23																	-	-	-	-	-	-	-	-	48.3	F			60.0	D			54.4	E			47.0	F		
US 17/92 to Volusia County Line	0.29	68.4	B	72.3	C	60.2	D	65.7	B	45.2	F	51.9	F	56.5	E	63.0	D	-	-	-	-	-	-	-	-	49.3	F	55.2	E	69.0	A	61.6	D	51.1	F	63.2	D	44.5	F	59.8	D
Average				64.8	C			59.8	D			55.0	D			62.2	D											57.0	E			59.7	E			61.9	C			57.7	C

TABLE S6.1b
Year 2014 Seminole County Travel Time & Delay Study
SR 400 (I-4) - Westbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
Volusia County Line to US 17/92	0.29	67.6	B			64.4	D											-	-	-	-	-	-	-	-	65.7	A			65.7	A			65.7	A			60.0	D		
US 17/92 to CR 431/Orange Blvd.	0.29	70.5	B			65.4	B			65.0	B			70.6	B			-	-	-	-	-	-	-	-	64.4	D			62.1	D			69.6	A			60.0	D		
CR 431/Orange Blvd. to SR 46*	1.51	70.3	B			70.7	B			68.3	B			73.4	B			-	-	-	-	-	-	-	-	61.7	D			60.0	D			63.9	D			58.8	E		
SR 46 to CR 46A*	1.88	70.8	B			72.6	B			67.4	B			73.8	B			-	-	-	-	-	-	-	-	60.3	D			61.0	D			64.8	C			61.3	D		
CR 46A to Lake Mary Blvd.	2.25	52.9	E			70.0	B			55.3	E	62.3	D	69.3	B	71.7	B	-	-	-	-	-	-	-	-	45.4	F	54.4	E	56.7	E	59.3	E	56.0	E	61.3	D	53.5	E	57.6	E
Lake Mary Blvd. to E.E. Williamson Rd.	3.13	26.9	F			35.7	F			29.1	F			43.4	F			-	-	-	-	-	-	-	-	37.9	F			50.6	F			33.3	F			34.6	F		
E.E. Williamson Rd. to SR 434	1.72	31.3	F	41.3	F	27.3	F	46.6	F	22.6	F	26.4	F	34.1	F	39.6	F	-	-	-	-	-	-	-	-	31.5	F	35.4	F	49.1	F	50.1	F	31.9	F	32.8	F	29.6	F	32.7	F
SR 434 to Central Pkwy.	1.22	23.7	F			25.1	F			21.8	F			28.2	F			-	-	-	-	-	-	-	-	26.2	F			25.0	F			20.3	F			16.1	F		
Central Pkwy. to SR 436	0.75	34.2	F	26.8	F	28.9	F	26.4	F	23.9	F	22.5	F	25.2	F	27.0	F	-	-	-	-	-	-	-	-	32.6	F	28.3	F	35.0	F	28.0	F	29.6	F	23.0	F	28.6	F	19.3	F
SR 436 to Wymore Rd.	1.45	22.4	F			31.1	F			26.2	F			31.9	F			-	-	-	-	-	-	-	-	27.0	F			30.6	F			24.5	F			22.2	F		
Wymore Rd. to Orange County Line	0.05	49.7	F	22.8	F	49.2	F	31.4	F	42.8	F	26.4	F	50.1	E	32.1	F	-	-	-	-	-	-	-	-	48.0	F	27.3	F	60.0	D	31.0	F	40.0	F	24.8	F	40.0	F	22.5	F
Average				35.5	F			40.5	F			33.7	F			44.4	F											38.6	F			45.3	F			36.7	F			34.1	F
PM PEAK HOUR																																									
Volusia County Line to US 17/92	0.29	71.0	B			69.0	B											-	-	-	-	-	-	-	-	65.7	A			65.7	A			65.7	A			62.7	D		
US 17/92 to CR 431/Orange Blvd.	0.29	72.0	B			71.3	B			69.0	B			69.8	B			-	-	-	-	-	-	-	-	64.4	D			64.4	D			66.9	A			62.1	D		
CR 431/Orange Blvd. to SR 46*	1.51	72.9	B			71.3	B			72.0	B			74.3	B			-	-	-	-	-	-	-	-	62.1	D			60.8	D			64.8	C			59.6	E		
SR 46 to CR 46A*	1.88	72.5	B			71.2	B			71.3	B			72.0	B			-	-	-	-	-	-	-	-	62.7	D			61.6	D			66.4	A			63.0	D		
CR 46A to Lake Mary Blvd.	2.25	71.6	B			72.8	B			71.4	B	71.4	B	59.6	E	67.3	B	-	-	-	-	-	-	-	-	63.1	D	62.9	D	62.2	D	61.9	D	66.2	A	65.9	A	62.2	D	61.8	D
Lake Mary Blvd. to E.E. Williamson Rd.	3.13	70.6	B			73.1	B			68.0	B			58.6	E			-	-	-	-	-	-	-	-	62.2	D			62.0	D			64.6	D			59.6	E		
E.E. Williamson Rd. to SR 434	1.72	69.8	C	71.3	C	71.0	C	71.9	C	69.0	C	68.3	B	65.9	C	61.0	B	-	-	-	-	-	-	-	-	60.4	D	61.5	D	59.6	E	61.1	D	62.2	D	63.7	D	57.6	E	58.9	E
SR 434 to Central Pkwy.	1.22	69.1	C			70.0	C			68.7	C			66.0	C			-	-	-	-	-	-	-	-	59.5	E			61.0	D			65.3	A			58.6	E		
Central Pkwy. to SR 436	0.75	67.5	C	68.5	C	69.0	C	69.7	C	68.2	C	68.5	C	59.5	C	63.4	C	-	-	-	-	-	-	-	-	41.5	F	51.2	F	60.0	D	60.6	D	64.3	D	64.9	C	57.7	E	58.2	E
SR 436 to Wymore Rd.	1.45	62.1	C			63.8	C			67.0	C			53.9	E			-	-	-	-	-	-	-	-	56.9	E			54.4	E			63.5	D			56.9	E		
Wymore Rd. to Orange County Line	0.05	57.7	C	61.9	C	58.4	D	63.7	C	63.9	C	66.9	C	68.5	C	54.1	E	-	-	-	-	-	-	-	-	60.0	D	56.9	E	60.0	D	54.5	E	60.0	D	63.4	D	60.0	D	56.9	E
Average				69.9	B			70.7	B			69.5	B			63.1	D											59.9	D			60.6	D			64.8	C			59.8	C

Note : Data was not collected from Year 2009

Note: * From 2013, construction in progress on SR 400 (I-4) at SR 46 (Financial Project ID: 407573-1-52-01) which may have skewed the LOS for the segments.

TABLE S7.1a
Year 2014 Seminole County Travel Time & Delay Study
SR 426 - Eastbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
Orange County Line to Old Howell Branch Rd.	0.06	12.3	F	12.3	F	20.5	D	20.5	D	11.9	F	11.9	F	8.5	F	8.5	F	12.9	F	12.9	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Old Howell Branch Rd. to Hall Rd./Howell Branch Rd.	0.24	18.0	D	18.0	D	17.1	D	17.1	D	22.0	C	22.0	C	15.6	E	15.6	E	14.1	E	14.1	E	26.7	C	26.7	C	15.8	E	15.8	E	17.8	D	17.8	D	16.4	E	16.4	E	19.7	D	19.7	D
Hall Rd./Howell Branch Rd. to Trinity Prep. Sch.	0.41	22.9	C			25.7	C			27.7	C			39.6	A			36.9	A			29.3	B			14.8	E			42.1	A			38.1	A			31.6	B		
Trinity Prep. Sch. to Tuskawilla Rd.	0.52	29.6	B	26.2	C	38.0	A	31.4	B	40.5	A	33.6	B	42.4	A	41.1	A	40.3	A	38.7	A	41.6	A	35.2	A	35.5	A	22.1	C	33.2	B	36.6	A	34.3	B	35.8	A	32.8	B	32.3	B
Tuskawilla Rd. to Deep Lake Rd.	0.26													42.0	A			28.0	C			20.5	D			37.5	A			37.5	A			21.1	D			33.9	B		
Deep Lake Rd. to SR 417 (W. Ramps)	0.17	34.4	B	34.4	B	42.4	A	42.4	A	43.4	A	43.4	A	42.9	A	42.3	A	38.2	A	31.2	B	30.9	B	23.9	C	49.1	A	41.6	A	49.1	A	41.6	A	38.4	A	25.5	C	34.3	B	34.1	B
SR 417 (W. Ramps) to SR 417 (E. Ramps)	0.09	25.1	C	25.1	C	29.0	B	29.0	B	19.9	D	19.9	D	20.4	D	20.4	D	8.9	F	8.9	F	40.0	A	40.0	A	36.0	A	36.0	A	36.0	A	36.0	A	26.2	C	26.2	C	42.0	A	42.0	A
SR 417 (E. Ramps) to Dean Rd.	0.54	30.6	B	30.6	B	40.9	A	40.9	A	40.0	A	40.0	A	41.5	A	41.5	A	24.6	C	24.6	C	45.2	A	45.2	A	33.3	B	33.3	B	27.0	C	27.0	C	18.7	D	18.7	D	38.6	A	38.6	A
Dean Rd. to Loma Vista Cr.	0.34					44.8	A			47.3	A			43.3	A			39.4	A			43.0	A			36.0	A			33.6	B			34.0	B			41.6	A		
Loma Vista Cr. to Aloma Woods Blvd.	0.20	32.7	B			28.2	B			36.8	A			29.0	B			21.3	D			25.5	C			29.3	B			23.5	C			39.3	A			40.7	A		
Aloma Woods Blvd. to Security Ave.	0.36	47.1	A			47.8	A			44.4	A			38.6	A			41.0	A			44.7	A			43.8	A			47.5	A			46.5	A			45.6	A		
Security Ave. to Mikler Rd.	0.29	49.7	A			49.8	A			51.3	A			48.9	A			43.3	A			46.3	A			47.6	A			50.6	A			46.9	A			44.1	A		
Mikler Rd. to Chapman Rd.	0.60	27.6	C	34.5	B	26.5	C	35.3	A	30.3	B	38.8	A	40.6	A	38.6	A	36.9	A	36.1	A	22.0	C	31.3	B	25.4	C	33.1	B	20.0	D	29.0	B	21.3	D	31.1	B	44.4	A	43.6	A
Chapman Rd. to Slavia Rd.	0.52	30.5	B			41.6	A			27.4	C			37.2	A			37.4	A			40.7	A			35.5	A			42.9	A			39.5	A			43.8	A		
Slavia Rd. to Red Bug Lake Rd./Mitchell Hammock Rd.	0.60	23.0	C	26.1	C	21.0	D	27.7	C	21.2	D	23.8	C	18.6	D	21.6	D	18.7	D	24.6	C	36.5	A	38.5	A	20.5	D	25.9	C	21.0	D	28.1	B	27.8	C	32.5	B	26.6	C	32.8	B
Red Bug Lake Rd./Mitchell Hammock Rd. to Oviedo Mktpl.	0.42	26.2	C			36.0	A			23.1	C			27.1	C			15.9	E			38.8	A			38.3	A			34.3	B			35.3	A			37.9	A		
Oviedo Mktpl. Blvd. to Winter Springs Blvd.	0.45	43.9	A	32.8	B	29.6	B	32.5	B	32.3	B	26.9	C	23.8	C	26.2	C	21.1	D	18.2	D	43.5	A	41.1	A	34.6	B	36.3	A	33.7	B	34.0	B	32.1	B	33.6	B	23.1	C	28.5	B
Winter Springs Blvd. to Pine Ave.	0.27	33.0	B			25.4	C			29.2	B			31.5	B			28.6	B			24.2	C			24.9	C			37.7	A			34.3	B			34.3	B		
Pine Ave. to Aulin Ave.	0.13	40.1	A			28.0	B			33.3	B			37.3	A			31.0	B			32.7	B			23.2	C			45.0	A			38.8	A			38.8	A		
Aulin Ave. to Lake Jessup Ave.	0.38	24.2	C	28.9	B	23.3	C	24.8	C	24.2	C	27.1	C	32.3	B	27.4	C	24.2	C	26.6	C	33.9	B	29.6	B	31.2	B	27.4	C	33.0	B	36.0	A	28.9	B	31.8	B	21.6	D	26.8	C
Lake Jessup Ave. to SR 434	0.25	13.3	E	13.3	E	9.3	F	9.3	F	20.1	D	20.1	D	19.6	D	19.6	D	17.8	D	17.8	D	11.7	F	11.7	F	15.0	E	15.0	E	12.4	F	12.4	F	13.8	E	13.8	E	12.2	F	12.2	F
Average				27.9	C			28.4	B			30.0	B			30.8	B			25.9	C			31.6	B			27.8	C			29.2	B			28.1	B			31.2	B
PM PEAK HOUR																																									
Orange County Line to Old Howell Branch Rd.	0.06	22.7	C	22.7	C	7.7	F	7.7	F	24.1	C	24.1	C	4.1	F	4.1	F	15.1	E	15.1	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Old Howell Branch Rd. to Hall Rd./Howell Branch Rd.	0.24	10.3	F	10.3	F	11.7	F	11.7	F	8.3	F	8.3	F	14.6	E	14.6	E	10.7	F	10.7	F	8.6	F	8.6	F	11.0	F	11.0	F	10.9	F	10.9	F	14.3	E	14.3	E	15.8	E	15.8	E
Hall Rd./Howell Branch Rd. to Trinity Prep. Sch.	0.41	29.1	B			32.4	B			40.7	A			41.4	A			32.7	B			34.8	B			36.4	A			40.7	A			39.3	A			42.1	A		
Trinity Prep. Sch. to Tuskawilla Rd.	0.52	29.6	B	29.3	B	37.4	A	35.0	A	40.5	A	40.6	A	39.2	A	40.2	A	33.9	B	33.3	B	32.2	B	33.3	B	22.3	C	26.8	C	23.3	C	28.6	B	24.4	C	29.2	B	29.7	B	34.1	B
Tuskawilla Rd. to Deep Lake Rd.	0.26													30.3	B			32.5	B			28.8	B			24.2	C			18.5	D			13.8	E			27.9	C		
Deep Lake Rd. to SR 417 (W. Ramps)	0.17	34.2	B	34.2	B	33.6	B	33.6	B	30.6	B	30.6	B	35.1	A	32.0	B	24.3	C	28.7	B	34.8	B	31.1	B	20.4	D	22.4	C	32.7	B	22.6	C	34.3	B	17.9	D	21.8	D	25.2	C
SR 417 (W. Ramps) to SR 417 (E. Ramps)	0.09	16.7	E	16.7	E	37.8	A	37.8	A	20.6	D	20.6	D	30.9	B	30.9	B	20.6	D	20.6	D	24.0	C	24.0	C	27.7	C	27.7	C	36.0	A	36.0	A	38.2	A	38.2	A	32.3	B	32.3	B
SR 417 (E. Ramps) to Dean Rd.	0.54	27.4	C	27.4	C	39.1	A	39.1	A	35.5	A	35.5	A	35.2	A	35.2	A	26.3	C	26.3	C	28.7	B	28.7	B	21.3	D	21.3	D	21.2	D	21.2	D	18.6	D	18.6	D	28.9	B	28.9	B
Dean Rd. to Loma Vista Cr.	0.34					34.3	B			41.7	A			38.3	A			37.6	A			38.8	A			35.4	A			30.5	B			32.4	B			27.9	C		
Loma Vista Cr. to Aloma Woods Blvd.	0.20	35.5	A			36.8	A			37.0	A			27.4	C			22.4	C			27.3	C			46.2	A			28.6	B			22.4	C			29.2	B		
Aloma Woods Blvd. to Security Ave.	0.36	47.3	A			45.7	A			41.9	A			46.2	A			40.6	A			46.5	A			46.5	A			45.6	A			43.8	A			46.5	A		
Security Ave. to Mikler Rd.	0.29	50.5	A			47.8	A			49.6	A			49.1	A			41.9	A			46.3	A			49.1	A			50.6	A			44.1	A			45.5	A		
Mikler Rd. to Chapman Rd.	0.60	30.6	B	37.1	A	38.1	A	39.7	A	27.4	C	35.8	A	27.3	C	35.7	A	19.8	D	27.9	C	20.5	D	30.3	B	26.0	C	35.4	A	26.8	C	33.1	B	16.4	E	25.1	C	23.5	C	30.4	B
Chapman Rd. to Slavia Rd.	0.52	39.4	A			36.1	A			41.7	A			41.9	A			33.9	B			41.2	A			39.8	A			41.8	A			29.5	B			42.1	A		
Slavia Rd. to Red Bug Lake Rd./Mitchell Hammock Rd.	0.60	21.1	D	27.3	C	22.2	C	27.3	C	16.8	E	23.6	C	17.2	D	19.9	D	26.5	C	29.6	B	28.0	C	33.3	B	13.9	E	20.5	D	16.6	E	23.7	C	15.1	E	19.7	D	21.9	D	28.5	B
Red Bug Lake Rd./Mitchell Hammock Rd. to Oviedo Mktpl.	0.42	37.2	A			21.4	D			36.4	A			25.0	C			19.6	D			38.3	A			34.7	B			38.8	A			37.4	A			38.5	A		
Oviedo Mktpl. Blvd. to Winter Springs Blvd.	0.45	35.6	A	36.3	A	36.3	A	27.1	C	40.5	A	38.4	A	21.5	D	24.3	C	20.4	D	20.0	D	42.9	A	40.5	A	38.0	A	36.3	A	40.3	A	39.6	A	42.2	A	39.7	A	40.3	A	39.4	A
Winter Springs Blvd. to Pine Ave.	0.27	36.8	A			27.7	C			36.4	A			30.6	B			22.4	C			40.5	A			36.8	A			26.6	C			29.0	B			41.0	A		
Pine Ave. to Aulin Ave.	0.13	39.6	A			31.1	B			36.4	A			36.4	A			31.1	B			40.0	A			31.3	B			27.7	C			30.0	B			22.0	D		
Aulin Ave. to Lake Jessup Ave.	0.38	30.0	B	33.5	B	31.7	B	30.2	B	19.3	D	25.6	C	12.5	F	8.0	F	17.4	D	20.6	D	26.6	C	32.1	B	18.7	D	24.4	C	18.9	D	22.2	C	21.2	D	24.6	C	15.3	E	20.8	D
Lake Jessup Ave. to SR 434	0.25	7.0	F	7.0	F	10.5	F	10.5	F	6.8	F	6.8	F	4.1	F	4.1	F	6.6	F	6.6	F	10.9	F	10.9	F	6.2	F	6.2	F	5.6	F	5.6	F	9.3	F	9.3	F	7.1	F	7.1	F
Average				26.5	C			28.2	B			26.0	C			22.4	C			22.7	C			27.8	C			23.0	C			23.1	C			22.5	C			25.7	C

TABLE S7.1b
Year 2014 Seminole County Travel Time & Delay Study
SR 426 - Westbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
SR 434 to Lake Jessup Ave.	0.25	17.7	D	17.7	D	11.3	F	11.3	F	15.2	E	15.2	E	19.8	D	19.8	D	12.8	F	12.8	F	20.8	D	20.8	D	28.3	B	28.3	B	21.4	D	21.4	D	30.0	B	30.0	B	19.7	D	19.7	D
Lake Jessup Ave. to Aulin Ave.	0.38	32.7	B			23.9	C			18.7	D			34.4	B			23.3	C			33.0	B			26.9	C			34.4	B			37.5	A			25.5	C		
Aulin Ave. to Pine Ave.	0.13	26.8	C			9.0	F			21.3	D			25.1	C			11.8	F			36.0	A			26.7	C			25.7	C			44.0	A			27.5	C		
Pine Ave. to Winter Springs Blvd.	0.28	20.6	D	26.3	C	30.1	B	20.1	D	29.6	B	22.0	C	17.1	D	24.4	C	21.1	D	19.6	D	22.8	C	28.9	B	37.7	A	29.8	B	33.1	B	32.3	B	44.2	A	40.5	A	19.1	D	23.0	C
Winter Springs Blvd. to Oviedo Mrktpl. Blvd.	0.45	34.3	B			33.9	B			31.4	B			22.9	C			14.3	E			42.2	A			37.5	A			35.1	A			38.6	A			31.8	B		
Oviedo Mrktpl. Blvd. to Red Bug Lake Rd./Mitchell Hammock Rd	0.45	13.7	E	19.9	D	17.6	D	23.4	C	10.9	F	16.5	E	13.4	E	17.1	D	11.8	F	13.0	F	19.0	D	26.3	C	20.2	D	26.3	C	14.1	E	20.2	D	12.0	F	18.5	D	12.3	F	17.9	D
Red Bug Lake Rd./Mitchell Hammock Rd. to Slavia Rd.	0.56	40.6	A			26.4	C			26.5	C			35.1	A			24.0	C			28.0	C			39.5	A			18.4	D			16.9	E			25.2	C		
Slavia Rd. to Chapman Rd.	0.54	39.9	A	40.3	A	39.5	A	31.4	B	45.2	A	33.0	B	31.0	B	33.0	B	39.5	A	29.5	B	34.0	B	30.7	B	35.9	A	37.6	A	27.0	C	21.8	D	23.6	C	19.6	D	29.7	B	27.2	C
Chapman Rd. to Mikler Rd.	0.58	48.0	A			45.6	A			50.3	A			46.5	A			42.8	A			46.4	A			42.4	A			43.5	A			42.9	A			45.0	A		
Mikler Rd. to Security Ave.	0.29	50.1	A			44.3	A			52.2	A			50.0	A			43.8	A			45.0	A			47.6	A			50.6	A			46.9	A			44.1	A		
Security Ave. to Aloma Woods Blvd.	0.38	42.1	A			39.4	A			36.1	A			38.0	A			31.5	B			42.2	A			34.5	B			35.6	A			37.4	A			38.6	A		
Aloma Woods Blvd. to Loma Vista Cr.	0.20					32.5	B			22.8	C			34.2	B			38.7	A			42.9	A			41.4	A			34.3	B			36.8	A			38.0	A		
Loma Vista Cr. to Dean Rd.	0.34	32.4	B	41.1	A	26.3	C	37.4	A	31.6	B	38.1	A	22.6	C	36.5	A	33.9	B	37.8	A	20.6	D	36.5	A	19.6	D	33.8	B	27.5	C	37.3	A	21.5	D	34.9	B	44.3	A	42.4	A
Dean Rd. to SR 417 (E. Ramps)	0.53	24.8	C	24.8	C	20.2	D	20.2	D	27.7	C	27.7	C	24.5	C	24.5	C	31.5	B	31.5	B	29.2	B	29.2	B	37.9	A	37.9	A	39.8	A	39.8	A	37.7	A	37.7	A	30.9	B	30.9	B
SR 417 (E. Ramps) to SR 417 (W. Ramps)	0.08	11.9	F	11.9	F	12.4	F	12.4	F	27.0	C	27.0	C	17.5	D	17.5	D	34.9	B	34.9	B	18.0	D	18.0	D	30.0	B	30.0	B	32.7	B	32.7	B	35.0	B	35.0	B	35.0	B	35.0	B
SR 417 (W. Ramps) to Deep Lake Rd.	0.16													33.6	B			22.7	C			20.8	D			45.0	A			12.4	F			16.0	E			13.2	E		
Deep Lake Rd. to Tuskawilla Rd.	0.26	9.3	F	9.3	F	9.6	F	9.6	F	16.2	E	16.2	E	15.7	E	19.7	D	9.8	F	12.4	F	21.4	D	21.1	D	16.0	E	21.9	D	31.2	B	19.1	D	20.0	D	18.3	D	25.2	C	18.7	D
Tuskawilla Rd. to Trinity Prep. Sch.	0.52	37.3	A			38.3	A			24.7	C			42.1	A			39.1	A			39.5	A			35.1	A			43.9	A			34.3	B			25.2	C		
Trinity Prep. Sch. to Hall Rd./Howell Branch Rd.	0.40	14.7	E	22.7	C	12.8	F	20.8	D	12.0	F	17.1	D	16.2	E	25.1	C	18.3	D	26.4	C	26.7	C	32.7	B	20.3	D	26.7	C	14.1	E	22.9	C	28.6	B	31.5	B	21.6	D	23.5	C
Hall Rd./Howell Branch Rd. to Old Howell Branch Rd.	0.24	36.5	A	36.5	A	39.1	A	39.1	A	28.8	B	28.8	B	24.3	C	18.8	D	35.4	A	35.4	A	33.5	B	33.5	B	34.3	B	34.3	B	18.7	D	18.7	D	36.9	A	36.9	A	41.1	A	41.1	A
Old Howell Branch Rd. to Orange County Line	0.02	48.0	A	48.0	A	41.3	A	41.3	A	61.9	A	61.9	A	30.3	B	30.3	B	37.8	A	37.8	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average				24.9	C			22.8	C			23.7	C			25.7	C			22.8	C			29.7	B			30.7	B			26.0	C			27.1	C			26.3	C
PM PEAK HOUR																																									
SR 434 to Lake Jessup Ave.	0.25	24.9	C	24.9	C	19.4	D	19.4	D	22.3	C	22.3	C	20.0	D	20.0	D	21.3	D	21.3	D	26.3	C	26.3	C	21.1	D	21.1	D	23.1	C	23.1	C	23.4	C	23.4	C	23.4	C	23.4	C
Lake Jessup Ave. to Aulin Ave.	0.38	39.1	A			36.5	A			34.5	B			36.7	A			31.1	B			36.0	A			34.4	B			36.6	A			36.4	A			34.3	B		
Aulin Ave. to Pine Ave.	0.13	22.2	C			20.8	D			26.0	C			39.6	A			13.4	E			31.3	B			28.8	B			36.0	A			38.8	A			34.7	B		
Pine Ave. to Winter Springs Blvd.	0.28	20.0	D	26.9	C	19.4	D	25.5	C	25.4	C	29.3	B	28.0	C	33.4	B	15.9	E	20.2	D	17.8	D	26.1	C	16.9	E	24.8	C	35.2	A	36.0	A	15.7	E	24.9	C	23.3	C	29.4	B
Winter Springs Blvd. to Oviedo Mrktpl. Blvd.	0.45	29.5	B			26.4	C			24.2	C			23.3	C			23.3	C			42.2	A			26.0	C			42.2	A			38.0	A			36.0	A		
Oviedo Mrktpl. Blvd. to Red Bug Lake Rd./Mitchell Hammock Rd	0.45	18.5	D	22.9	C	15.1	E	19.4	D	16.5	E	19.8	D	11.8	F	15.9	E	13.8	E	17.4	D	28.7	B	34.2	B	16.2	E	20.0	D	17.3	D	24.6	C	14.7	E	21.5	D	13.2	E	19.6	D
Red Bug Lake Rd./Mitchell Hammock Rd. to Slavia Rd.	0.56	35.1	A			28.6	B			33.7	B			34.0	B			29.7	B			39.5	A			39.5	A			38.6	A			39.1	A			41.9	A		
Slavia Rd. to Chapman Rd.	0.54	46.3	A	39.6	A	39.1	A	32.8	B	41.0	A	36.8	A	38.9	A	36.2	A	41.3	A	34.3	B	34.0	B	36.6	A	44.6	A	41.9	A	41.2	A	39.9	A	43.8	A	41.2	A	45.0	A	43.4	A
Chapman Rd. to Mikler Rd.	0.58	50.3	A			47.7	A			48.1	A			49.2	A			42.7	A			45.8	A			43.5	A			44.6	A			46.8	A			45.6	A		
Mikler Rd. to Security Ave.	0.29	52.0	A			48.2	A			49.7	A			53.0	A			43.5	A			43.8	A			46.3	A			49.1	A			45.5	A			44.1	A		
Security Ave. to Aloma Woods Blvd.	0.38	51.3	A			45.9	A			42.1	A			36.6	A			39.2	A			36.2	A			43.8	A			40.7	A			44.7	A			42.2	A		
Aloma Woods Blvd. to Loma Vista Cr.	0.20					28.6	B			42.4	A			43.2	A			39.5	A			41.4	A			44.4	A			42.9	A			33.5	B			42.2	A		
Loma Vista Cr. to Dean Rd.	0.34	26.8	C	40.2	A	35.5	A	41.7	A	17.7	D	35.2	A	27.0	C	40.0	A	21.9	D	35.4	A	24.7	C	37.1	A	13.3	E	30.8	B	28.7	B	40.0	A	22.9	C	37.2	A	27.9	C	39.5	A
Dean Rd. to SR 417 (E. Ramps)	0.53	27.4	C	27.4	C	22.7	C	22.7	C	27.7	C	27.7	C	36.0	A	36.0	A	28.3	B	28.3	B	28.2	B	28.2	B	25.0	C	25.0	C	25.8	C	25.8	C	18.1	D	18.1	D	18.4	D	18.4	D
SR 417 (E. Ramps) to SR 417 (W. Ramps)	0.08	37.5	A	37.5	A	20.1	D	20.1	D	30.1	B	30.1	B	41.5	A	41.5	A	22.9	C	22.9	C	30.0	B	30.0	B	27.7	C	27.7	C	30.0	B	30.0	B	35.0	B	35.0	B	35.0	B	35.0	B
SR 417 (W. Ramps) to Deep Lake Rd.	0.16													42.6	A			28.9	B			22.5	C			23.5	C			27.0	C			10.4	F			40.0	A		
Deep Lake Rd. to Tuskawilla Rd.	0.26	18.7	D	18.7	D	24.1	C	24.1	C	30.6	B	30.6	B	30.1	B	33.9	B	26.0	C	27.0	C	22.7	C	22.6	C	12.9	F	15.9	E	15.8	E	19.1	D	25.6	C	16.5	E	23.3	C	27.7	C
Tuskawilla Rd. to Trinity Prep. Sch.	0.52	30.9	B			35.2	A			35.9	A			47.2	A			40.6	A			17.7	D			35.1	A			27.6	C			35.5	A			43.9	A		
Trinity Prep. Sch. to Hall Rd./Howell Branch Rd.	0.40	17.1	D	23.0	C	27.0	C	31.2	B	18.9	D	25.9	C	41.6	A	44.7	A	23.3	C	30.9	B	21.4	D	19.2	D	16.1	E	23.2	C	34.8	B	30.3	B	27.6	C	31.5	B	42.1	A	43.1	A
Hall Rd./Howell Branch Rd. to Old Howell Branch Rd.	0.24	21.7	D	21.7	D	27.7	C	27.7	C	35.2	A	35.2	A	42.7	A	42.1	A	38.1	A	38.1	A	40.0	A	40.0	A	37.9	A	37.9	A	30.0	B	30.0	B	40.0	A	40.0	A	46.5	A	46.5	A
Old Howell Branch Rd. to Orange County Line	0.02	37.9	A	37.9	A	46.6	A	46.6	A	36.1	A	36.1	A	45.5	A	45.5	A	49.1	A	49.1	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average				28.4	B			28.3	B			29.0	B			31.6	B			27.2	C			29.4	B			26.0	C			31.1	B			27.9	C			31.0	B

TABLE S8.1a
Year 2014 Seminole County Travel Time & Delay Study
SR 414 (Maitland Blvd) - Eastbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
Bear Lake Rd. to Eden Park Rd.	0.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46.7	A			29.7	C			21.8	D		
Eden Park Rd. to Magnolia Holmes Rd.	0.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46.9	A	46.8	A	46.9	A	36.4	B	46.2	A	29.7	C
Magnolia Holmes Rd. to SR 434	0.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52.8	A			46.1	A			51.5	A		
SR 434 to Maitland Summit Blvd	0.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35.2	B	41.5	B	16.3	E	23.1	D	20.8	E	28.5	C
Average																																43.3	A			26.8	D			28.9	C
Bear Lake Rd. to Eden Park Rd.	0.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47.4	A			42.6	A			33.4	C		
Eden Park Rd. to Magnolia Holmes Rd.	0.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48.4	A	47.9	A	38.5	B	40.4	B	43.5	A	37.8	B
Magnolia Holmes Rd. to SR 434	0.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50.9	A			49.2	A			52.1	A		
SR 434 to Maitland Summit Blvd	0.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29.2	C	36.2	B	30.5	C	36.9	B	29.0	C	36.3	B
Average																																39.9	B			38.1	B			36.9	B

TABLE S8.1b
Year 2014 Seminole County Travel Time & Delay Study
SR 414 (Maitland Blvd) - Westbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
Maitland Summit Blvd. to SR 434	0.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51.8	A			50.3	A			51.3	A		
SR 434 to Magnolia Holmes Rd.	0.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.4	A	52.5	A	45.2	A	47.8	A	36.8	B	43.5	A
Magnolia Holmes Rd. to Eden Park Rd.	0.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38.5	B			45.5	A			43.5	A		
Eden Park Rd. to Bear Lake Rd.	0.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37.2	B	37.8	B	23.5	D	31.1	C	47.4	A	45.3	A
Average																																45.7	A			39.7	B			44.2	A
Maitland Summit Blvd. to SR 434	0.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51.3	A			46.7	A			53.3	A		
SR 434 to Magnolia Holmes Rd.	0.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48.1	A	49.8	A	34.8	B	40.4	B	44.7	A	49.0	A
Magnolia Holmes Rd. to Eden Park Rd.	0.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48.4	A			23.6	D			21.0	E		
Eden Park Rd. to Bear Lake Rd.	0.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.3	D	31.6	C	23.0	D	23.3	D	23.9	D	22.3	D
Average																																40.8	B			31.6	C			33.7	C

TABLE S9.1a
Year 2014 Seminole County Travel Time & Delay Study
SR 417 - Northbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
Orange Co. Line to SR 426	0.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62.6	D			63.9	D			65.3	A		
SR 426 to Red Bug Lake Rd.	3.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63.8	D			64.9	C			64.9	C		
Red Bug Lake Rd. to SR 434	2.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63.4	D			64.9	C			64.6	D		
SR 434 to CR 427	5.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63.6	D			65.1	A			64.5	D		
CR 427 to Lake Mary Blvd.	0.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62.9	D			66.0	A			66.0	A		
Lake Mary Blvd. to Airport Blvd.	0.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62.6	D			64.4	D			64.4	D		
Airport Blvd. to US 17-92	0.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.0	D			62.1	D			62.1	D		
US 17-92 to SR 46	1.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64.9	C			66.0	A			66.0	A		
SR 46 to Rinehart Rd.	2.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62.5	D			64.3	D			63.8	D		
Rinehart Rd. to I-4	0.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.7	E			64.7	C			54.7	E		
I-4 to International Pkwy.	0.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32.7	F	61.3	D	47.0	F	64.2	D	23.6	F	61.0	D
Average																																61.3	D			64.2	D			61.0	D
PM PEAK HOUR																																									
Orange Co. Line to SR 426	0.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62.6	D			65.3	A			65.3	A		
SR 426 to Red Bug Lake Rd.	3.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63.6	D			65.3	A			65.5	A		
Red Bug Lake Rd. to SR 434	2.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63.2	D			64.9	C			65.2	A		
SR 434 to CR 427	5.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63.4	D			64.5	D			65.5	A		
CR 427 to Lake Mary Blvd.	0.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62.9	D			62.9	D			66.0	A		
Lake Mary Blvd. to Airport Blvd.	0.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61.7	D			63.5	D			64.4	D		
Airport Blvd. to US 17-92	0.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.0	D			60.0	D			62.1	D		
US 17-92 to SR 46	1.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64.1	D			65.6	A			65.2	A		
SR 46 to Rinehart Rd.	2.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62.5	D			63.5	D			63.8	D		
Rinehart Rd. to I-4	0.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.1	E			63.8	D			57.9	E		
I-4 to International Pkwy.	0.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33.7	F	61.1	D	42.6	F	63.6	D	28.4	F	62.3	D
Average																																61.1	D			63.6	D			62.3	D

TABLE S6.1b
Year 2014 Seminole County Travel Time & Delay Study
SR 400 (I-4) - Westbound Direction Historical Summary

Roadway Segments	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed		Rdwy Segment Average Speed		Rdwy Section Average Speed	
	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
Volusia County Line to US 17/92	0.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43.8	F			47.6	F			41.5	F		
US 17/92 to CR 431/Orange Blvd.	0.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.0	E			60.0	D			56.0	E		
CR 431/Orange Blvd. to SR 46	2.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63.5	D			65.7	A			65.5	A		
SR 46 to CR 46A	1.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63.7	D			65.2	A			65.2	A		
CR 46A to Lake Mary Blvd.	0.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.0	D			62.1	D			62.1	D		
Lake Mary Blvd. to E.E. Williamson Rd.	0.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64.4	D			66.4	A			66.4	A		
E.E. Williamson Rd. to SR 434	0.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66.0	A			66.0	A			66.0	A		
SR 434 to Central Pkwy.	5.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63.4	D			65.3	A			64.9	C		
Central Pkwy. to SR 436	2.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63.7	D			65.8	A			64.6	D		
SR 436 to Wymore Rd.	3.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63.4	D			65.1	A			61.7	D		
Wymore Rd. to Orange County Line	0.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65.3	A	62.2	D	65.3	A	64.4	D	33.4	F	61.4	D
Average																																62.2	D			64.4	D			61.4	D
PM PEAK HOUR																																									
Volusia County Line to US 17/92	0.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45.6	F			47.0	F			42.6	F		
US 17/92 to CR 431/Orange Blvd.	0.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.1	E			60.0	D			57.2	E		
CR 431/Orange Blvd. to SR 46	2.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63.5	D			64.9	C			65.5	A		
SR 46 to CR 46A	1.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63.7	D			65.2	A			60.6	D		
CR 46A to Lake Mary Blvd.	0.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.0	D			64.4	D			62.1	D		
Lake Mary Blvd. to E.E. Williamson Rd.	0.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64.4	D			66.4	A			66.4	A		
E.E. Williamson Rd. to SR 434	0.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66.0	A			66.0	A			66.0	A		
SR 434 to Central Pkwy.	5.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63.5	D			64.5	D			65.2	A		
Central Pkwy. to SR 436	2.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63.7	D			65.2	A			65.5	A		
SR 436 to Wymore Rd.	3.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63.4	D			64.9	C			65.1	A		
Wymore Rd. to Orange County Line	0.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65.3	A	62.4	D	65.3	A	64.0	D	65.3	A	63.4	D
Average																																62.4	D			64.0	D			63.4	D

APPENDIX D

Historical Summary of County Roads

APPENDIX D: HISTORICAL SUMMARY OF COUNTY ROADS

C1.1a: Airport Blvd/MLK Jr Blvd EB Summary……..……..… D-1

C1.1b: Airport Blvd/MLK Jr Blvd WB Summary……..…….…… D-1

C2.1a: CR 15 NB Summary……..…….…….. D-2

C2.1b: CR 15 SB Summary…….. D-3

C3.1a: Central Pkwy EB Summary…….. D-4

C3.1b: Central Pkwy WB Summary…….……..…….. D-4

C4.1a: Chapman Rd EB Summary…….…….. D-5

C4.1b: Chapman Rd WB Summary…….. D-5

C5.1a: CR 419 EB Summary…….…….. D-6

C5.1b: CR 419 WB Summary…….. D-7

C6.1a: CR 426 EB Summary…….....…….. D-8

C6.1b: CR 426 WB Summary…….. D-8

C7.1a: CR 427 NB Summary…….…….. D-9

C7.1b: CR 427 SB Summary……..…….. D-10

C8.1a: CR 46A EB Summary…….. D-11

C8.1b: CR 46A WB Summary……...…….. D-12

C9.1a: Dean Rd NB Summary……...…….. D-13

C9.1b: Dean Rd SB Summary……....…….. D-13

C10.1a: Dodd Rd NB Summary…….....…….. D-14

C10.1b: Dodd Rd SB Summary…….....…….. D-14

C11.1a: Dog Track Rd /Seminola Blvd/Lake Dr EB Summary…….. D-15

C11.1b: Dog Track Rd /Seminola Blvd/Lake Dr WB Summary…….…… D-16

C12.1a: Douglas Ave NB Summary…….....…….. D-17

C12.1b: Douglas Ave SB Summary…….....…….. D-17

C13.1a: Howell Branch Rd EB Summary…….....…….. D-18

C13.1b: Howell Branch Rd WB Summary…….....…….. D-18

C14.1a: Hunt Club Blvd NB Summary….....…….. D-19

C14.1b: Hunt Club Blvd SB Summary…….....…….. D-19

C15.1a: International Pkwy NB Summary…….....…….. D-20

C15.1b: International Pkwy SB Summary…….....…….…….. D-20

C16.1a: Lake Emma Rd NB Summary…….....…….. D-21
C16.1b: Lake Emma Rd SB Summary…….....……..…….. D-21
C17.1a: Lake Howell Rd NB Summary…….. D-22
C17.1b: Lake Howell Rd SB Summary……..…….. D-22
C18.1a: Lake Mary Blvd (Part A & B) EB Summary….……...…….. D-23
C18.1b: Lake Mary Blvd (Part A & B) WB Summary……..…….. D-24
C19.1a: Lockwood Blvd NB Summary…….…….. D-25
C19.1b: Lockwood Blvd SB Summary……..…….....…….. D-25
C20.1a: Maitland Ave NB Summary…….. D-26
C20.1b: Maitland Ave SB Summary……..…….. D-26
C21.1a: Markham Woods Rd NB Summary…….....…….. D-27
C21.2a: Markham Woods Rd SB Summary…….....…….. D-27
C22.1a: McCulloch Rd EB Summary…….. D-28
C22.1b: McCulloch Rd WB Summary……..…….…….. D-28
C23.1a: Mitchell Hammock Rd EB Summary…….....…….…….. D-29
C23.1b: Mitchell Hammock Rd WB Summary…….…….…….. D-29
C24.1a: Montgomery Rd NB Summary…….…….. D-30
C24.1b: Montgomery Rd SB Summary……..…….. D-30
C25.1a: Palm Springs Dr NB Summary……....…….…….. D-31
C25.1b: Palm Springs Dr SB Summary…….…….. D-31
C26.1a: Red Bug Lake Rd EB Summary……...…….. D-32
C26.1b: Red Bug Lake Rd WB Summary……..…….. D-33
C27.1a: Rinehart Rd NB Summary……....…….. D-34
C27.1b: Rinehart Rd SB Summary…….…….. D-34
C28.1a: Sand Lake Rd EB Summary…….…….. D-35
C28.1b: Sand Lake Rd WB Summary…….. D-35
C29.1a: Sanford Ave NB Summary……..…….. D-36
C29.1b: Sanford Ave SB Summary…….. D-36
C30.1a: Tuskawilla Rd NB Summary……..……..…….. D-37
C30.1b: Tuskawilla Rd SB Summary……....…….…….. D-37
C31.1a: Wekiva Springs Rd EB Summary……...…….…….. D-38

C31.1b: Wekiva Springs Rd WB Summary…….……. D-38
C32.1a: Wymore Rd NB Summary……..……..…….. D-39
C32.1b: Wymore Rd SB Summary……....……...D-39
C33.1a: Longwood Lake Mary Rd NB Summary…….…….…….. D-40
C33.1b: Longwood Lake Mary Rd SB Summary…….....……..D-40
C34.1a: North St EB Summary…….....…….. D-41
C34.1b: North St WB Summary…….....…….. D-41
C35.1a: Snow Hill Rd NB Summary…….....…….. D-42
C35.1b: Snow Hill Rd SB Summary……..…….. D-42
C36.1a: 13TH St/Celery Ave EB Summary……...…….…….. D-43
C36.1b: 13TH St/Celery Ave WB Summary……. D-43
C37.1a: Bear Lake Rd NB Summary…….…….. D-44
C37.1b: Bear Lake Rd SB Summary……..…….. D-44
C38.1a: Bunnell Rd EB Summary……..…….....…….. D-45
C38.1b: Bunnell Rd WB Summary……...….…….. D-45
C39.1a: CR 431 NB Summary…….……..…….. D-46
C39.1b: CR 431 SB Summary…….. D-46
C40.1a: Dike Rd EB Summary…….…….....…….. D-47
C40.1b: Dike Rd WB Summary……..……...…….. D-47
C41.1a: Eden Park Rd NB Summary…….....…….. D-48
C41.1b: Eden Park Rd SB Summary…….…….…….. D-48
C42.1a: EE Williamson Rd /Longwood Hills Rd EB Summary…….. D-49
C42.1b: EE Williamson Rd /Longwood Hills Rd WB Summary……..…….. D-49
C43.1a: Greenway Blvd EB Summary……...…….. D-50
C43.1b: Greenway Blvd WB Summary…….....…….. D-50
C44.1a: Greenwood Blvd EB Summary…….. D-51
C44.1b: Greenwood Blvd WB Summary……...…….. D-51
C45.1a: E Lake Brantley Dr NB Summary…….....…….. D-52
C45.1b: E Lake Brantley Dr SB Summary…….. D-52
C46.1a: W Lake Brantley Rd NB Summary……..…….. D-53
C46.1b: W Lake Brantley Rd SB Summary……...…….. D-53

C47.1a: Lake of the Woods Blvd EB Summary…….. D-54
C47.1b: Lake of the Woods Blvd WB Summary……...…….. D-54
C48.1a: Lake Park Dr NB Summary…….…….…….. D-55
C48.1b: Lake Park Dr SB Summary……..…….. D-55
C49.1a: Lake Way Rd EB Summary……..…….. D-56
C49.1b: Lake Way Rd WB Summary…….. D-56
C50.1a: Longwood Markham Rd NB Summary…….. D-57
C50.1b: Longwood Markham Rd SB Summary…….…….. D-57
C51.1a: Markham Rd EB Summary…….……..…….. D-58
C51.1b: Markham Rd WB Summary…….....…….. D-58
C52.1a: Old Lake Mary Rd NB Summary……..……...…….. D-59
C52.1b: Old Lake Mary Rd SB Summary……..…….. D-59
C53.1a: Old Lockwood Rd NB Summary……..…….. D-60
C53.1b: Old Lockwood Rd SB Summary……..…….. D-60
C54.1a: Orange Ave EB Summary…….. D-61
C54.1b: Orange Ave WB Summary……..…….…….. D-61
C55.1a: Oranole Rd EB Summary…….…….. D-62
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TABLE C1.1a
Year 2014 Seminole County Travel Time & Delay Study
Airport Boulevard/MLK Jr. Boulevard - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS
AM PEAK HOUR																	
SR 46 to St. Johns Pkwy	0.46	UNDER CONSTRUCTION				32.6	B			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
St. Johns Pkwy to Airport Blvd.	1.16	UNDER CONSTRUCTION				36.0	A			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Airport Blvd. to CR 46A/25th St.	0.21	UNDER CONSTRUCTION				5.4	F	22.6	C	UNDER CONSTRUCTION				UNDER CONSTRUCTION			
CR 46A 25th St. to Old Lake Mary Rd.	0.47	UNDER CONSTRUCTION				19.1	D			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Old Lake Mary Rd. to Placid Lake Dr.	0.18	UNDER CONSTRUCTION				23.5	C			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Placid Lake Dr. to Live Oak Blvd.	0.23	UNDER CONSTRUCTION				19.7	D			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Live Oak Blvd. to US 17/92	0.87	UNDER CONSTRUCTION				23.6	C	21.6	D	UNDER CONSTRUCTION				UNDER CONSTRUCTION			
US 17-92 to Windleshore Way**	0.23	UNDER CONSTRUCTION				33.8	B			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Windleshore Way to Park Ave.***	0.55	UNDER CONSTRUCTION				38.6	A			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Park Ave. to CR 425/Sanford Ave.	0.23	UNDER CONSTRUCTION				27.4	C	34.5	B	UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Average				NA	NA			24.1	C			NA	NA			NA	NA
PM PEAK HOUR																	
SR 46 to St. Johns Pkwy	0.46	UNDER CONSTRUCTION				34.8	B			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
St. Johns Pkwy to Airport Blvd.	1.16	UNDER CONSTRUCTION				19.5	D			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Airport Blvd. to CR 46A/25th St.	0.21	UNDER CONSTRUCTION				3.0	F	14.0	E	UNDER CONSTRUCTION				UNDER CONSTRUCTION			
CR 46A 25th St. to Old Lake Mary Rd.	0.47	UNDER CONSTRUCTION				20.4	D			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Old Lake Mary Rd. to Placid Lake Dr.	0.18	UNDER CONSTRUCTION				22.9	C			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Placid Lake Dr. to Live Oak Blvd.	0.23	UNDER CONSTRUCTION				17.1	D			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Live Oak Blvd. to US 17/92	0.87	UNDER CONSTRUCTION				23.6	C	21.5	D	UNDER CONSTRUCTION				UNDER CONSTRUCTION			
US 17-92 to Windleshore Way**	0.23	UNDER CONSTRUCTION				15.3	E			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Windleshore Way to Park Ave.***	0.55	UNDER CONSTRUCTION				33.7	B			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Park Ave. to CR 425/Sanford Ave.	0.23	UNDER CONSTRUCTION				29.0	B	24.6	C	UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Average				NA	NA			18.3	D			NA	NA			NA	NA

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																								
SR 46 to St. Johns Pkwy	37.6	A			41.8	A			38.9	A			34.5	B			38.9	A			40.0	A		
St. Johns Pkwy to Airport Blvd.	41.2	A			40.0	A			37.7	A			37.9	A			38.4	A			43.3	A		
Airport Blvd. to CR 46A/25th St.	13.8	E	32.6	B	12.6	F	32.3	B	13.3	E	31.4	B	8.1	F	26.2	C	9.4	F	28.5	B	9.6	F	30.5	B
CR 46A 25th St. to Old Lake Mary Rd.	28.8	B			29.4	B			25.6	C			27.4	C			25.9	C			26.9	C		
Old Lake Mary Rd. to Placid Lake Dr.	33.9	B			40.0	A			36.0	A			30.9	B			37.2	A			33.7	B		
Placid Lake Dr. to Live Oak Blvd.	19.9	D			44.5	A			33.7	B			25.6	C			20.0	D			30.7	B		
Live Oak Blvd. to US 17/92	31.4	B	28.6	B	23.8	C	28.2	B	21.5	D	24.8	C	21.4	D	24.1	C	23.9	C	24.7	C	23.4	C	25.9	C
US 17-92 to Windleshore Way**	----	----	----	----	----	----	----	----	32.0	A			33.5	A			32.7	A			34.3	A		
Windleshore Way to Park Ave.***	----	----	----	----	----	----	----	----	32.7	A			34.4	A			34.0	A			35.1	A		
Park Ave. to CR 425/Sanford Ave.	----	----	----	----	----	----	----	----	9.7	F	21.5	C	17.6	D	28.3	B	12.2	E	24.3	B	21.3	C	30.6	A
Average			30.6	B			30.2	B			26.1	C			25.8	C			26.0	C			29	B
PM PEAK HOUR																								
SR 46 to St. Johns Pkwy	38.3	A			41.8	A			38.9	A			32.5	B			37.3	A			41.8	A		
St. Johns Pkwy to Airport Blvd.	40.2	A			42.7	A			37.5	A			40.1	A			40.1	A			41.3	A		
Airport Blvd. to CR 46A/25th St.	10.2	F	29.8	B	14.3	E	34.6	B	9.5	F	28.3	B	11.9	F	30.2	B	13.8	E	32.5	B	8.9	F	29.2	B
CR 46A 25th St. to Old Lake Mary Rd.	25.9	C			30.0	B			28.5	B			32.4	B			24.7	C			32.4	B		
Old Lake Mary Rd. to Placid Lake Dr.	29.1	B			23.0	C			22.5	C			32.7	B			22.0	C			27.0	C		
Placid Lake Dr. to Live Oak Blvd.	27.2	C			20.3	D			30.0	B			28.2	B			19.2	D			27.6	C		
Live Oak Blvd. to US 17/92	25.5	C	26.2	C	19.5	D	22.0	C	21.1	D	23.9	C	22.1	C	25.9	C	20.6	D	21.5	D	21.5	D	25.0	C
US 17-92 to Windleshore Way**	----	----	----	----	----	----	----	----	33.5	A			33.5	A			32.7	A			33.5	A		
Windleshore Way to Park Ave.***	----	----	----	----	----	----	----	----	34.0	A			35.9	A			33.3	A			35.5	A		
Park Ave. to CR 425/Sanford Ave.	----	----	----	----	----	----	----	----	11.5	E	23.8	C	15.7	D	27.7	B	17.4	D	27.7	B	15.2	D	27.2	B
Average			27.9	C			27.1	C			25.4	C			27.9	C			26.4	C			27.0	C

TABLE C1.1b
Year 2014 Seminole County Travel Time & Delay Study
Airport Boulevard/MLK Jr. Boulevard - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS
AM PEAK HOUR																	
CR 425/Sanford Ave. to Park Ave.	0.22	UNDER CONSTRUCTION				32.9	B			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Park Ave. to Windleshore Way ***	0.55	UNDER CONSTRUCTION				39.9	A			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Windleshore Way to US 17/92 **	0.25	UNDER CONSTRUCTION				9.2	F	22.3	C	UNDER CONSTRUCTION				UNDER CONSTRUCTION			
US 17/92 to Live Oak Blvd.	0.86	UNDER CONSTRUCTION				32.4	B			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Live Oak Blvd. to Placid Lake Dr.	0.24	UNDER CONSTRUCTION				27.5	C			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Placid Lake Dr. to Old Lake Mary Rd.	0.18	UNDER CONSTRUCTION				16.3	E			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Old Lake Mary Rd. to CR 46A/25th St.	0.47	UNDER CONSTRUCTION				21.3	D	25.7	C	UNDER CONSTRUCTION				UNDER CONSTRUCTION			
CR 46A/25th St. to Airport Blvd.	0.21	UNDER CONSTRUCTION				19.8	D			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Airport Blvd. to St. Johns Pkwy	1.16	UNDER CONSTRUCTION				37.1	A			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
St. Johns Pkwy to SR 46	0.46	UNDER CONSTRUCTION				26.9	C	29.8	B	UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Average				NA	NA			26.2	C			NA	NA			NA	NA
PM PEAK HOUR																	
CR 425/Sanford Ave. to Park Ave.	0.22	UNDER CONSTRUCTION				29.9	B			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Park Ave. to Windleshore Way ***	0.55	UNDER CONSTRUCTION				38.8	A			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Windleshore Way to US 17/92 **	0.25	UNDER CONSTRUCTION				8.3	F	20.9	D	UNDER CONSTRUCTION				UNDER CONSTRUCTION			
US 17/92 to Live Oak Blvd.	0.86	UNDER CONSTRUCTION				28.0	C			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Live Oak Blvd. to Placid Lake Dr.	0.24	UNDER CONSTRUCTION				23.1	C			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Placid Lake Dr. to Old Lake Mary Rd.	0.18	UNDER CONSTRUCTION				23.2	C			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Old Lake Mary Rd. to CR 46A/25th St.	0.47	UNDER CONSTRUCTION				17.1	D	22.9	C	UNDER CONSTRUCTION				UNDER CONSTRUCTION			
CR 46A/25th St. to Airport Blvd.	0.21	UNDER CONSTRUCTION				20.7	D			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Airport Blvd. to St. Johns Pkwy	1.16	UNDER CONSTRUCTION				33.8	B			UNDER CONSTRUCTION				UNDER CONSTRUCTION			
St. Johns Pkwy to SR 46	0.46	UNDER CONSTRUCTION				30.5	B	30.5	B	UNDER CONSTRUCTION				UNDER CONSTRUCTION			
Average				NA	NA			24.7	C			NA	NA			NA	NA

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																								
CR 425/Sanford Ave. to Park Ave.	----	----	----	----	----	----	----	----	31.4	A			33.0	A			32.2	A			33.0	A		
Park Ave. to Windleshore Way ***	----	----	----	----	----	----	----	----	34.7	A			35.5	A			34.7	A			37.1	A		
Windleshore Way to US 17/92 **	----	----	----	----	----	----	----	----	10.2	E	21.8	C	10.1	E	22.0	C	12.6	E	24.2	B	11.7	E	24.0	B
US 17/92 to Live Oak Blvd.	32.8	B			32.1	B			28.8	B			33.5	B			31.3	B			35.5	A		
Live Oak Blvd. to Placid Lake Dr.	26.7	C			30.7	B			21.2	D			20.6	D			24.2	C			24.6	C		
Placid Lake Dr. to Old Lake Mary Rd.	21.8	D			25.1	C			22.5	C			22.5	C			16.4	E			26.3	C		
Old Lake Mary Rd. to CR 46A/25th St.	21.7	D	26.9	C	22.9	C	28.1	B	22.4	C	25.0	C	21.4	D	26.1	C	18.7	D	23.8	C	18.9	D	26.7	C
CR 46A/25th St. to Airport Blvd.	30.1	B			32.3	B			26.2	C			28.6	B			27.4	C			28.6	B		
Airport Blvd. to St. Johns Pkwy	42.7	A			44.3	A			42.8	A			43.1	A			44.1	A			44.7	A		
St. Johns Pkwy to SR 46	29.8	B	34.7	B	27.3	C	37.0	A	22.8	C	33.2	B	20.6	D	32.4	B	24.2	C	34.6	B	19.9	D	32.5	B
Average			30.4	B			32.0	B			26.8	C			27.1	C			27.3	C			28.0	B
PM PEAK HOUR																								
CR 425/Sanford Ave. to Park Ave.	----	----	----	----	----	----	----	----	30.0	B			33.0	A			32.2	A			33.8	A		
Park Ave. to Windleshore Way ***	----	----	----	----	----	----	----	----	36.3	A			35.5	A			35.9	A			37.9	A		
Windleshore Way to US 17/92 **	----	----	----	----	----	----	----	----	8.5	F	19.9	C	8.1	F	19.5	C	12.1	E	24.0	B	8.0	F	19.9	C
US 17/92 to Live Oak Blvd.	31.0	B			32.3	B			32.4	B			31.4	B			35.5	A			36.0	A		
Live Oak Blvd. to Placid Lake Dr.	34.2	B			38.3	A			33.7	B			38.3	A			33.7	B			38.3	A		
Placid Lake Dr. to Old Lake Mary Rd.	34.2	B			30.0	B			33.7	B			22.0	C			30.0	B			38.6	A		
Old Lake Mary Rd. to CR 46A/25th St.	20.2	D	27.6	C	16.6	E	25.9	C	17.7	D	26.7	C	19.3	D	26.4	C	20.6	D	29.1	B	15.2	E	26.6	C
CR 46A/25th St. to Airport Blvd.	25.4	C			30.7	B			27.4	C			29.3	B			22.5	C			25.7	C		
Airport Blvd. to St. Johns Pkwy	41.6	A			44.0	A			42.8	A			42.3	A			43.3	A			45.3	A		
St. Johns Pkwy to SR 46	28.3	B	32.8	B	22.3	C	34.0	B	19.2	D	31.2	B	18.3	D	30.7	B	19.2	D	30.5	B	19.9	D	32.2	B
Average			30.0	B			29.5	B			26.2	C			25.9	C			28.3	B			26.5	C

Note: * Till Year 2008 this segment used to be SR 46 to Academy Ave. with approximate distance of 3800 Ft.

** Till Year 2008 this segment used to be Academy Ave. to Country Club Rd. with approximate distance of 4300 Ft.

~ Till Year 2008 this segment used to be Country Club Dr. to CR 46A/25th St. with approximate distance of 900 Ft.

Note: ** Till Year 2011 this segment used to be US 17-92 to Southgate Dr.

Note: *** Till Year 2011 this segment used to be Southgate Dr. to Park Ave.

TABLE C2.1a
Year 2014 Seminole County Travel Time & Delay Study
CR 15 - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS
AM PEAK HOUR																	
CR 427 to Continental Blvd.**	0.17	28.0	B			30.6	A			30.8	A			29.7	B		
Continental Blvd. to North Rd.**	0.30	37.1	A			39.2	A			35.0	A			39.3	A		
North Rd. to Main Rd.**	0.51	37.8	A			41.6	A			36.0	A			37.7	A		
Main Rd. to Broadmoor Rd.**	0.26	32.1	A	34.6	A	30.6	A	36.7	A	30.8	A	33.8	A	30.9	A	35.1	A
Broadmoor Rd. to Evansdale Rd.**	0.38	26.9	B			28.5	B			30.7	A			30.8	A		
Evansdale Rd. to Lake Mary Blvd.**	0.40	12.2	E	16.7	D	14.5	D	19.1	C	11.5	E	16.7	D	10.6	E	15.6	D
Lake Mary Blvd. to Crystal Lake Dr.**	0.19	26.5	B			30.0	A			25.5	B			26.8	B		
Crystal Lake Dr. to Rantoul Ln.**	0.87	29.3	B	28.8	B	32.0	A	31.6	A	33.4	A	31.5	A	35.5	A	33.4	A
Rantoul Ln. to CR 46A W.**	1.24	----	----	----	----	----	----	----	----	----	----	----	----				
CR 46A W to CR 46A E.**	0.10	----	----	----	----	----	----	----	----	----	----	----	----	30.2	A		
CR 46A to Briarwood Dr.**	0.16	----	----	----	----	----	----	----	----	----	----	----	----	13.9	E		
Briarwood Dr. to Central Park Dr.**	0.78	----	----	----	----	----	----	----	----	----	----	----	----	34.8	A		
Central Park Dr. to St. Johns Pkwy.**	0.66	----	----	----	----	----	----	----	----	----	----	----	----	32.4	A		
St. Johns Pkwy to SR 46**	0.52	----	----	----	----	----	----	----	----	----	----	----	----	16.1	D		
SR 46 to Orange Blvd.**	1.15	----	----	----	----	----	----	----	----	----	----	----	----	35.6	A	28.1	B
Orange Blvd. to US 17/92**	0.31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average				25.9	B			28.5	B			26.4	B			27.4	B
PM PEAK HOUR																	
CR 427 to Continental Blvd.**	0.17	27.3	B			31.0	A			30.5	A			28.9	B		
Continental Blvd. to North Rd.**	0.30	37.0	A			39.1	A			38.1	A			41.4	A		
North Rd. to Main Rd.**	0.51	36.9	A			41.1	A			38.1	A			40.1	A		
Main Rd. to Broadmoor Rd.**	0.26	33.8	A	34.5	A	35.3	A	37.8	A	31.3	A	35.3	A	35.3	A	37.3	A
Broadmoor Rd. to Evansdale Rd.**	0.38	32.2	A			28.7	B			32.6	A			33.6	A		
Evansdale Rd. to Lake Mary Blvd.**	0.40	10.3	E	15.5	D	12.1	E	16.9	D	13.7	E	19.2	C	9.6	F	14.9	D
Lake Mary Blvd. to Crystal Lake Dr.**	0.19	27.5	B			26.8	B			26.6	B			26.5	B		
Crystal Lake Dr. to Rantoul Ln.**	0.87	31.3	A	30.5	A	32.5	A	31.3	A	33.2	A	31.8	A	33.5	A	31.9	A
Rantoul Ln. to CR 46A W.**	1.24	----	----	----	----	----	----	----	----	----	----	----	----	24.6	B		
CR 46A W to CR 46A E.**	0.10	----	----	----	----	----	----	----	----	----	----	----	----				
CR 46A to Briarwood Dr.**	0.16	----	----	----	----	----	----	----	----	----	----	----	----	27.1	B		
Briarwood Dr. to Central Park Dr.**	0.78	----	----	----	----	----	----	----	----	----	----	----	----	35.3	A		
Central Park Dr. to St. Johns Pkwy.**	0.66	----	----	----	----	----	----	----	----	----	----	----	----	32.6	A		
St. Johns Pkwy to SR 46**	0.52	----	----	----	----	----	----	----	----	----	----	----	----	16.2	D		
SR 46 to Orange Blvd.**	1.15	----	----	----	----	----	----	----	----	----	----	----	----	22.4	C	24.7	B
Orange Blvd. to US 17/92**	0.31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average				25.6	B			27.3	B			28.3	B			25.2	B

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																								
CR 427 to Continental Blvd.**	30.1	A			36.4	A			32.9	A			34.0	A			30.0	B			31.9	A		
Continental Blvd. to North Rd.**	39.6	A			40.0	A			38.3	A			36.7	A			35.3	A			39.1	A		
North Rd. to Main Rd.**	39.1	A			39.0	A			36.1	A			36.9	A			36.0	A			36.9	A		
Main Rd. to Broadmoor Rd.**	33.9	A	36.6	A	31.2	A	37.0	A	30.0	B	34.7	A	27.9	B	34.1	A	29.4	B	33.4	A	32.5	A	35.6	A
Broadmoor Rd. to Evansdale Rd.**	32.0	A			29.2	B			25.6	B			26.5	B			27.5	B			28.5	B		
Evansdale Rd. to Lake Mary Blvd.**	15.4	D	20.8	C	17.9	D	22.1	C	15.1	D	18.9	C	10.5	E	14.9	D	17.4	D	21.2	C	12.4	E	17.1	D
Lake Mary Blvd. to Crystal Lake Dr.**	28.3	B			31.7	A			25.3	B			27.8	B			30.0	B			27.8	B		
Crystal Lake Dr. to Rantoul Ln.**	34.9	A	33.4	A	32.7	A	32.5	A	32.9	A	31.2	A	33.7	A	32.4	A	33.7	A	33.0	A	33.0	A	32.0	A
Rantoul Ln. to CR 46A W.**													31.9	A	31.9	A	31.1	A	31.1	A	31.7	A	31.7	A
CR 46A W to CR 46A E.**	27.3	B	27.3	B	28.4	B	28.4	B	27.9	B	27.9	B	8.2	F	8.2	F	12.2	E	12.2	E	8.7	F	8.7	F
CR 46A to Briarwood Dr.**	13.1	E			31.0	A			28.2	B			29.1	B			33.1	A			27.4	B		
Briarwood Dr. to Central Park Dr.**	36.2	A			33.2	A	32.8	A	34.7	A	33.4	A	35.7	A	34.4	A	37.1	A	36.4	A	35.5	A	33.8	A
Central Park Dr. to St. Johns Pkwy.**	32.9	A			31.2	A	31.2	A	28.7	B	28.7	B	28.7	B	28.7	B	32.7	A	32.7	A	24.3	B	24.3	B
St. Johns Pkwy to SR 46**	23.1	C	26.3	B	16.8	D	16.8	D	15.2	D	15.2	D	20.9	C	20.9	C	20.1	C	20.1	C	17.7	D	17.7	D
SR 46 to Orange Blvd.**	UNDER CONSTRUCTION				35.8	A	35.8	A	34.2	A	34.2	A	37.9	A	37.9	A	36.3	A	36.3	A	38.1	A	38.1	A
Orange Blvd. to US 17/92**	----	----	----	----	36.5	A	36.5	A	16.3	D	16.3	D	13.6	E	13.6	E	10.2	E	10.2	E	19.2	C	19.2	C
Average			28.1	B			29.6	B			26.9	B			26.6	B			27.8	B			27.1	B
PM PEAK HOUR																								
CR 427 to Continental Blvd.**	26.6	B			36.4	A			32.9	A			32.9	A			31.9	A			35.2	A		
Continental Blvd. to North Rd.**	40.7	A			40.0	A			38.3	A			40.9	A			39.1	A			37.5	A		
North Rd. to Main Rd.**	39.2	A			39.0	A			37.0	A			38.7	A			38.2	A			36.9	A		
Main Rd. to Broadmoor Rd.**	36.3	A	36.5	A	35.7	A	38.1	A	35.7	A	36.4	A	35.5	A	37.6	A	15.1	D	28.5	B	36.3	A	36.6	A
Broadmoor Rd. to Evansdale Rd.**	36.0	A			35.1	A			33.0	A			35.6	A			29.6	B			35.6	A		
Evansdale Rd. to Lake Mary Blvd.**	9.1	F	14.5	D	11.1	E	16.7	D	8.6	F	13.5	E	15.1	D	21.0	C	10.9	E	15.8	D	12.9	E	18.7	C
Lake Mary Blvd. to Crystal Lake Dr.**	27.3	B			27.8	B			28.5	B			27.1	B			26.5	B			27.8	B		
Crystal Lake Dr. to Rantoul Ln.**	34.7	A	33.0	A	32.9	A	31.8	A	34.4	A	33.2	A	32.6	A	31.5	A	32.8	A	31.5	A	33.2	A	32.1	A
Rantoul Ln. to CR 46A W.**	31.2	A	31.2	A	24.5	B	24.5	B	26.9	B	26.9	B	31.0	A	31.0	A	27.2	B	27.2	B	30.1	A	30.1	A
CR 46A W to CR 46A E.**													9.8	F	9.8	F	11.8	E	11.8	E	8.5	F	8.5	F
CR 46A to Briarwood Dr.**	19.9	C			30.0	B			31.0	A			28.2	B			30.0	B			27.4	B		
Briarwood Dr. to Central Park Dr.**	33.9	A			37.7	A	36.2	A	35.7	A	34.8	A	33.4	A	32.4	A	36.6	A	35.2	A	36.0	A	34.2	A
Central Park Dr. to St. Johns Pkwy.**	30.8	A			33.3	A	33.3	A	24.1	B	24.1	B	26.2	B	26.2	B	23.7	C	23.7	C	27.3	B	27.3	B
St. Johns Pkwy to SR 46**	19.1	C	26.2	B	12.0	E	12.0	E	11.7	E	11.7	E	11.9	E	11.9	E	21.1	C	21.1	C	17.1	D	17.1	D
SR 46 to Orange Blvd.**	UNDER CONSTRUCTION				36.2	A	36.2	A	37.2	A	37.2	A	38.5	A	38.5	A	21.9	C	21.9	C	16.4	D	16.4	D
Orange Blvd. to US 17/92**	----	----	----	----	32.1	A	32.1	A	11.6	E	11.6	E	14.1	D	14.1	D	21.6	C	21.6	C	23.2	C	23.2	C
Average			26.8	B			26.8	B			24.2	B			26.3	B			24.5	B			24.5	B

Note: *From the year 2012, additional control point has been added at CR 46A W.

Note: ** CR 15 was under limited construction (resurfacing and more) during the 2012 study.

TABLE C2.1b
Year 2014 Seminole County Travel Time & Delay Study
CR 15 - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
US 17/92 to Orange Blvd.**	0.31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	24.2	B	24.2	B	19.4	C	19.4	C	21.4	C	21.4	C	25.1	B	25.1	B	21.6	C	21.6	C
Orange Blvd. to SR 46**	1.15	----	----	----	----	----	----	----	----	----	----	----	----	21.6	C			UNDER CONSTRUCTION				28.7	B	28.7	B	32.7	A	32.7	A	29.9	B	29.9	B	27.6	B	27.6	B	26.7	B	26.7	B
SR 46 to St. Johns Pkwy.**	0.52	----	----	----	----	----	----	----	----	----	----	----	----	24.8	B			22.8	C			26.5	B	26.5	B	24.7	B	24.7	B	26.0	B	26.0	B	26.7	B	26.7	B	23.6	C	23.6	C
St. Johns Pkwy. to Central Park Dr.**	0.66	----	----	----	----	----	----	----	----	----	----	----	----	29.2	B			30.7	A			35.1	A	35.1	A	34.8	A	34.8	A	35.7	A	35.7	A	32.2	A	32.2	A	33.8	A	33.8	A
Central Park Dr. to Briarwood Dr.**	0.78	----	----	----	----	----	----	----	----	----	----	----	----	30.3	A			35.1	A			33.0	A			35.5	A			31.4	A			34.7	A			36.6	A		
Briarwood Dr. to CR 46A E.**	0.16	----	----	----	----	----	----	----	----	----	----	----	----	16.7	D			21.5	C	28.6	B	16.6	D	28.2	B	16.6	D	29.7	B	16.3	D	27.1	B	16.3	D	29.1	B	19.6	C	31.9	A
CR 46A E to CR 46A W.**	0.10	----	----	----	----	----	----	----	----	----	----	----	----																	18.2	C	18.2	C	20.7	C	20.7	C	14.3	D	14.3	D
CR 46A W to Rantoul Ln.**	1.24	----	----	----	----	----	----	----	----	----	----	----	----	30.4	A			24.2	B	24.2	B	29.3	B	29.3	B	29.2	B	29.2	B	31.4	A	31.4	A	29.3	B	29.3	B	30.7	A	30.7	A
Rantoul Ln. to Crystal Lake Dr.**	0.87	32.5	A			34.4	A			32.3	A			31.9	A	26.1	B	31.0	A			33.7	A			30.4	A			30.7	A			30.2	A			32.8	A		
Crystal Lake Dr. to Lake Mary Blvd.**	0.19	5.2	F	17.5	D	5.2	F	17.7	D	3.4	F	13.5	E	5.2	F	17.3	D	6.8	F	19.6	C	4.9	F	16.2	D	4.7	F	15.4	D	7.0	F	19.2	C	5.2	F	16.2	D	6.0	F	18.2	C
Lake Mary Blvd. to Evansdale Rd.**	0.40	15.0	D			25.8	B			26.0	B			25.8	B			18.9	C			28.6	B			25.3	B			24.5	B			26.4	B			24.7	B		
Evansdale Rd. to Broadmoor Rd.**	0.38	26.5	B	18.9	C	29.2	B	27.3	B	29.3	B	27.5	B	30.4	A	27.8	B	33.1	A	23.8	C	31.7	A	30.0	B	28.1	B	26.6	B	25.1	B	24.8	B	28.1	B	27.2	B	28.1	B	26.3	B
Broadmoor Rd. to Main Rd.**	0.26	32.9	A			34.1	A			32.8	A			32.9	A			37.3	A			33.3	A			28.8	B			30.0	B			31.2	A			32.5	A		
Main Rd. to North Rd.**	0.51	37.7	A			39.2	A			37.0	A			40.9	A			39.2	A			39.0	A			33.7	A			38.2	A			40.3	A			38.2	A		
North Rd. to Continental Blvd.**	0.30	36.5	A			39.4	A			37.8	A			41.9	A			39.5	A			40.0	A			36.7	A			37.5	A			39.1	A			38.3	A		
Continental Blvd. to CR 427**	0.17	13.6	E	30.0	B	14.6	D	31.7	A	21.5	C	33.2	A	14.0	D	32.1	A	14.0	D	34.0	A	12.6	E	29.5	B	16.2	D	28.9	B	11.7	E	27.9	B	11.3	E	28.4	B	18.5	C	32.3	A
Average				21.5	C			24.2	B			21.5	C			25.3	B			25.9	B			26.4	B			25.8	B			26.4	B			25.7	B			26.5	B
PM PEAK HOUR																																									
US 17/92 to Orange Blvd.**	0.31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	26.2	B	26.2	B	23.8	C	23.8	C	22.7	C	22.7	C	23.0	C	23.0	C	9.2	F	9.2	F
Orange Blvd. to SR 46**	1.15	----	----	----	----	----	----	----	----	----	----	----	----	28.0	B			UNDER CONSTRUCTION				25.8	B	25.8	B	27.7	B	27.7	B	25.1	B	25.1	B	20.1	C	20.1	C	27.4	B	27.4	B
SR 46 to St. Johns Pkwy.**	0.52	----	----	----	----	----	----	----	----	----	----	----	----	19.9	C			22.1	C			17.9	D	17.9	D	18.5	C	18.5	C	16.7	D	16.7	D	22.3	C	22.3	C	20.0	C	20.0	C
St. Johns Pkwy. to Central Park Dr.**	0.66	----	----	----	----	----	----	----	----	----	----	----	----	34.2	A			32.9	A			35.1	A	35.1	A	35.1	A	35.1	A	32.7	A	32.7	A	33.6	A	33.6	A	34.1	A	34.1	A
Central Park Dr. to Briarwood Dr.**	0.78	----	----	----	----	----	----	----	----	----	----	----	----	34.8	A			35.0	A			33.2	A			33.9	A			33.2	A			29.6	B			33.7	A		
Briarwood Dr. to CR 46A E.**	0.16	----	----	----	----	----	----	----	----	----	----	----	----	26.1	B			20.5	C	28.7	B	17.8	D	28.9	B	22.3	C	31.2	A	25.3	B	31.5	A	24.6	B	28.6	B	13.3	E	26.7	B
CR 46A E to CR 46A W.**	0.10	----	----	----	----	----	----	----	----	----	----	----	----																	15.8	D	15.8	D	18.2	C	18.2	C	16.2	D	16.2	D
CR 46A W to Rantoul Ln.**	1.24	----	----	----	----	----	----	----	----	----	----	----	----	29.5	B	28.6	B	25.3	B	25.3	B	27.6	B	27.6	B	24.0	C	24.0	C	28.5	B	28.5	B	29.8	B	29.8	B	32.5	A	32.5	A
Rantoul Ln. to Crystal Lake Dr.**	0.87	32.4	A			34.3	A			34.6	A			34.1	A			31.5	A			31.1	A			32.2	A			33.0	A			16.6	D			32.4	A		
Crystal Lake Dr. to Lake Mary Blvd.**	0.19	8.5	F	22.1	C	5.7	F	18.6	C	5.2	F	17.9	D	7.6	F	21.6	C	8.5	F	21.8	C	6.0	F	17.7	D	4.7	F	15.6	D	7.0	F	19.8	C	6.6	F	13.1	E	6.1	F	18.3	C
Lake Mary Blvd. to Evansdale Rd.**	0.40	30.4	A			27.8	B			28.8	B			24.0	C			22.1	C			32.0	A			32.9	A			25.8	B			33.3	A			28.9	B		
Evansdale Rd. to Broadmoor Rd.**	0.38	32.9	A	31.6	A	32.7	A	30.0	B	34.9	A	31.4	A	30.7	A	26.8	B	33.2	A	26.3	B	33.0	A	32.5	A	34.5	A	33.7	A	33.5	A	29.1	B	32.6	A	33.0	A	34.0	A	31.2	A
Broadmoor Rd. to Main Rd.**	0.26	33.7	A			34.2	A			37.1	A			34.2	A			36.9	A			34.9	A			36.6	A			35.5	A			33.9	A			36.3	A		
Main Rd. to North Rd.**	0.51	36.6	A			36.8	A			40.9	A			38.4	A			40.1	A			38.0	A			38.5	A			38.7	A			24.9	B			37.3	A		
North Rd. to Continental Blvd.**	0.30	37.3	A			37.2	A			38.0	A			37.4	A			36.9	A			38.3	A			40.0	A			39.1	A			32.1	A			37.5	A		
Continental Blvd. to CR 427**	0.17	29.1	B	35.1	A	13.2	E	29.8	B	23.5	C	36.2	A	21.6	C	34.1	A	15.3	D	32.5	A	13.2	E	29.8	B	17.9	D	33.1	A	13.2	E	30.2	A	13.8	E	24.9	B	7.9	F	24.6	B
Average				28.1	B			24.8	B			26.1	B			21.5	C			26.9	B			25.7	B			25.3	B			25.6	B			23.0	C			24.0	C

Note: *From the year 2012, additional control point has been added at CR 46A W.

Note: ** CR 15 was under limited construction (resurfacing and more) during the 2012 study.

TABLE C3.1a
Year 2014 Seminole County Travel Time & Delay Study
Central Parkway - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																																											
Montgomery Rd. to Marion Ave.	0.24	29.8	B			31.1	A			32.8	A			31.1	A			27.9	B			32.6	A			22.1	C			31.2	A			30.6	A			23.8	C		
Marion Ave. to Franklin Ave.	0.25	36.8	A			35.0	A			39.6	A			39.9	A			35.3	A			36.6	A			33.3	A			35.7	A			34.1	A			34.1	A		
Franklin Ave. to Douglas Ave.	0.25	12.5	E	21.4	C	10.5	E	19.3	C	12.8	E	22.8	C	9.2	F	18.3	C	9.0	F	16.9	D	9.6	F	18.4	C	9.3	F	16.4	D	11.3	E	20.2	C	9.2	F	17.6	D	8.2	F	15.6	D
Douglas Ave. to Raymond Ave.	0.23	29.4	B			31.3	A			31.0	A			29.2	B			32.9	A			33.5	A			32.1	A			32.1	A			28.7	B			29.4	B		
Raymond Ave. to Center Pointe Dr.	0.29	25.5	B			36.4	A			33.5	A			32.8	A			30.0	B			31.8	A			34.8	A			31.6	A			32.8	A			32.8	A		
Center Pointe Dr. to Cranes Roost Blvd.	0.21	28.3	B			30.5	A			29.9	B			28.4	B			30.2	A			34.7	A			30.0	B			28.0	B			28.6	B			29.3	B		
Cranes Roost Blvd. to One Center Blvd.	0.23	34.3	A			34.8	A			33.5	A			36.0	A			32.2	A			33.2	A			33.7	A			33.7	A			31.4	A			32.9	A		
One Center Blvd. to Palm Springs Dr.	0.15	17.2	D	26.6	B	10.3	E	25.4	B	19.7	C	29.7	B	23.9	C	30.2	A	15.8	D	27.7	B	6.7	F	22.2	C	12.6	E	26.7	B	12.0	E	25.5	B	20.0	C	28.4	B	14.5	D	26.8	B
Average				24.2	B			22.6	C			26.5	B			23.9	C			22.1	C			20.5	C			21.3	C			23.0	C			22.8	C			21	C
PM PEAK HOUR																																											
Montgomery Rd. to Marion Ave.	0.24	32.0	A			33.7	A			30.6	A			31.9	A			30.1	A			30.6	A			23.4	C			31.9	A			30.0	B			31.9	A		
Marion Ave. to Franklin Ave.	0.25	39.5	A			40.7	A			36.0	A			40.0	A			35.3	A			34.9	A			34.1	A			34.9	A			32.6	A			34.9	A		
Franklin Ave. to Douglas Ave.	0.25	8.2	F	17.0	D	10.4	E	20.0	C	6.6	F	14.4	D	8.2	F	17.1	D	8.3	F	16.3	D	11.1	E	19.8	C	10.6	E	18.0	D	6.7	F	14.4	D	7.5	F	15.2	D	8.3	F	16.7	D
Douglas Ave. to Raymond Ave.	0.23	28.3	B			30.3	A			26.6	B			20.9	C			31.6	A			30.6	A			31.4	A			28.7	B			26.5	B			27.1	B		
Raymond Ave. to Center Pointe Dr.	0.29	31.2	A			27.5	B			32.9	A			35.3	A			32.1	A			25.7	B			30.0	B			30.0	B			30.0	B			27.6	B		
Center Pointe Dr. to Cranes Roost Blvd.	0.21	28.4	B			24.5	B			27.1	B			25.1	B			29.8	B			20.3	C			22.5	C			17.0	D			25.7	B			25.7	B		
Cranes Roost Blvd. to One Center Blvd.	0.23	33.2	A			35.1	A			23.6	C			35.0	A			32.8	A			33.9	A			33.7	A			32.1	A			31.4	A			32.1	A		
One Center Blvd. to Palm Springs Dr.	0.15	6.5	F	20.5	C	15.2	D	25.9	B	21.0	C	26.4	B	32.4	A	28.5	B	20.3	C	29.5	B	12.7	E	23.6	C	14.1	D	25.2	B	15.2	D	23.5	C	18.5	C	26.4	B	19.2	C	26.2	B
Average				19.0	C			23.2	C			19.8	C			22.5	C			22.3	C			21.9	C			21.7	C			18.7	C			20.4	C			21.3	C

TABLE C3.1b
Year 2014 Seminole County Travel Time & Delay Study
Central Parkway - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																																											
Palm Springs Dr. to One Center Blvd.	0.16	26.3	B			28.4	B			28.7	B			27.2	B			24.3	B			18.3	C			20.9	C			29.1	B			25.9	B			27.4	B		
One Center Blvd. to Cranes Roost Blvd.	0.22	32.3	A			32.1	A			37.5	A			36.6	A			27.3	B			38.0	A			33.7	A			32.1	A			30.0	B			23.8	C		
Cranes Roost Blvd. to Center Pointe Dr.	0.22	29.9	B			32.4	A			37.9	A			33.5	A			25.6	B			8.4	F			27.4	B			27.4	B			22.1	C			24.7	B		
Center Pointe Dr. to Raymond Ave.	0.29	32.0	A			32.9	A			38.3	A			33.4	A			31.2	A			37.7	A			29.5	B			27.2	B			28.1	B			28.5	B		
Raymond Ave. to Douglas Ave.	0.24	10.3	E	21.7	C	25.4	B	30.1	A	12.5	E	25.7	B	17.8	D	27.9	B	13.8	E	22.6	C	28.2	B	20.1	C	9.1	F	19.6	C	17.2	D	25.3	B	13.3	E	22.0	C	8.0	F	17.8	D
Douglas Ave. to Franklin Ave.	0.24	34.5	A			36.4	A			38.1	A			39.3	A			35.0	A			39.5	A			34.1	A			34.9	A			34.9	A			34.9	A		
Franklin Ave. to Marion Ave.	0.25	34.9	A			37.3	A			39.4	A			37.1	A			35.2	A			33.3	A			34.1	A			34.9	A			32.6	A			34.9	A		
Marion Ave. to Montgomery Rd.	0.25	10.0	E	19.4	C	16.1	D	26.2	B	30.6	A	35.8	A	28.4	B	34.4	A	13.8	E	23.8	C	11.9	E	21.5	C	11.1	E	20.2	C	14.9	D	24.1	B	30.6	A	32.6	A	16.1	D	25.1	B
Average				20.7	C			28.4	B			28.9	B			30.1	A			23.1	C			20.6	C			19.8	C			24.8	B			25.3	B			20.2	C
PM PEAK HOUR																																											
Palm Springs Dr. to One Center Blvd.	0.16	27.8	B			30.7	A			27.0	B			29.7	B			27.2	B			26.2	B			23.4	C			26.7	B			25.9	B			26.7	B		
One Center Blvd. to Cranes Roost Blvd.	0.22	26.5	B			29.7	B			37.8	A			33.2	A			26.7	B			32.5	A			33.7	A			27.1	B			22.6	C			25.1	B		
Cranes Roost Blvd. to Center Pointe Dr.	0.22	29.3	B			33.7	A			29.9	B			28.2	B			27.2	B			32.2	A			20.3	C			22.9	C			22.9	C			28.6	B		
Center Pointe Dr. to Raymond Ave.	0.29	25.2	B			33.5	A			28.4	B			35.5	A			32.4	A			31.8	A			30.5	A			24.9	B			23.2	C			25.2	B		
Raymond Ave. to Douglas Ave.	0.24	9.8	F	19.6	C	7.9	F	19.6	C	6.7	F	17.3	D	7.8	F	19.3	C	16.6	D	24.8	B	8.2	F	19.5	C	6.4	F	16.2	D	7.8	F	17.3	D	6.7	F	15.5	D	9.1	F	18.9	C
Douglas Ave. to Franklin Ave.	0.24	33.6	A			36.2	A			31.0	A			32.2	A			35.1	A			34.1	A			34.9	A			34.9	A			32.6	A			34.9	A		
Franklin Ave. to Marion Ave.	0.25	35.3	A			36.7	A			33.3	A			23.6	C			34.3	A			34.9	A			34.9	A			33.3	A			31.2	A			33.3	A		
Marion Ave. to Montgomery Rd.	0.25	15.2	D	24.6	B	8.8	F	18.5	C	15.3	D	23.7	C	13.8	E	20.9	C	12.8	E	22.5	C	11.2	E	20.4	C	10.2	E	19.3	C	19.0	C	26.9	B	21.1	C	27.3	B	12.1	E	21.2	C
Average				21.3	C			19.1	C			19.4	C			19.9	C			23.8	C			19.8	C			17.3	D			20.2	C			18.7	C			19.8	C

TABLE C4.1a
Year 2014 Seminole County Travel Time & Delay Study
Chapman Road - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
SR 426 to Woodpecker Ln.	0.30	----	----	----	----	----	----	----	----	----	----	----	----	27.3	C			30.6	B			30.0	B			32.1	B			23.5	C			34.4	B			35.1	A		
Woodpecker Ln. to Wembley Pl.	0.35	----	----	----	----	----	----	----	----	----	----	----	----	38.9	A	32.5	B	38.3	A	34.2	B	29.2	B	29.5	B	35.8	A	33.9	B	32.9	B	27.7	C	38.5	A	36.4	A	40.8	A	37.9	A
Wembley Pl. to SR 434	0.91	----	----	----	----	----	----	----	----	----	----	----	----	21.3	D	21.3	D	30.8	B	30.8	B	23.5	C	23.5	C	19.0	D	19.0	D	18.4	D	18.4	D	18.6	D	18.6	D	18.8	D	18.8	D
Average																24.9	C			32.2	B			25.7	C			23.3	C			21.4	D			23.4	C			23.8	C
PM PEAK HOUR																																									
SR 426 to Woodpecker Ln.	0.30	----	----	----	----	----	----	----	----	----	----	----	----	20.5	D			28.1	B			26.5	C			28.2	B			23.0	C			28.2	B			31.5	B		
Woodpecker Ln. to Wembley Pl.	0.35	----	----	----	----	----	----	----	----	----	----	----	----	35.6	A	26.5	C	37.2	A	32.2	B	41.2	A	32.8	B	37.8	A	32.5	B	32.9	B	27.3	C	38.5	A	32.8	B	39.2	A	35.1	A
Wembley Pl. to SR 434	0.91	----	----	----	----	----	----	----	----	----	----	----	----	20.8	D	20.8	D	28.5	B	28.5	B	23.6	C	23.6	C	19.8	D	19.8	D	17.0	E	17.0	E	26.8	C	26.8	C	21.8	D	21.8	D
Average																22.8	C			29.9	B			26.7	C			23.6	C			20.1	D			29.0	B			25.9	C

TABLE C4.1b
Year 2014 Seminole County Travel Time & Delay Study
Chapman Road - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
SR 434 to Wembley Pl.	0.91	----	----	----	----	----	----	----	----	----	----	----	----	35.9	A	35.9	A	35.0	A	35.0	A	41.4	A	41.4	A	35.9	A	35.9	A	31.7	B	31.7	B	37.1	A	37.1	A	33.1	B	33.1	B
Wembley Pl. to Woodpecker Ln.	0.35	----	----	----	----	----	----	----	----	----	----	----	----	27.3	C			34.9	B			33.9	B			37.1	A			28.3	B			37.8	A			39.2	A		
Woodpecker Ln. to SR 426	0.30	----	----	----	----	----	----	----	----	----	----	----	----	18.7	D	22.5	C	12.6	F	19.3	D	11.8	F	18.1	D	15.8	E	22.5	C	16.0	E	20.7	D	10.2	F	16.5	E	9.9	F	16.2	E
Average																28.8	B			26.3	C			27.0	C			28.8	B			26.0	C			24.4	C			23.1	C
PM PEAK HOUR																																									
SR 434 to Wembley Pl.	0.91	----	----	----	----	----	----	----	----	----	----	----	----	27.9	C	27.9	C	36.9	A	36.9	A	40.7	A	40.7	A	38.4	A	38.4	A	33.3	B	33.3	B	37.1	A	37.1	A	36.6	A	36.6	A
Wembley Pl. to Woodpecker Ln.	0.35	----	----	----	----	----	----	----	----	----	----	----	----	27.6	C			38.3	A			35.6	A			34.0	B			27.9	C			35.2	A			34.0	B		
Woodpecker Ln. to SR 426	0.30	----	----	----	----	----	----	----	----	----	----	----	----	12.2	F	17.4	D	13.9	E	21.1	D	10.6	F	17.0	D	13.8	E	20.0	D	9.0	F	14.0	E	11.2	F	17.4	D	13.6	E	19.8	D
Average																22.3	C			28.3	B			25.8	C			27.8	C			21.1	D			25.2	C			27.1	C

TABLE C5.1a
Year 2014 Seminole County Travel Time & Delay Study
CR 419 - Eastbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
SR 434 to CR 426	0.05	18.8	D	18.8	D	7.0	F	7.0	F	5.1	F	5.1	F	14.5	E	14.5	E	9.3	F	9.3	F	13.6	E	13.6	E	21.4	B	21.4	B	17.6	C	17.6	C	20.0	B	20.0	B	27.3	A	27.3	A
CR 426 to Division St.	0.20	27.0	C			30.6	B			21.8	D			23.1	C			17.4	D			23.1	C			21.1	B			15.8	C			13.0	C			13.2	C		
Division St. to Academy St.	0.55	18.6	D			34.3	B			18.6	D			32.9	B			31.7	B			31.2	B			28.7	A			25.0	B			24.3	B			25.2	A		
Academy St. to Reed Rd.	0.29	35.1	A	22.9	C	36.4	A	34.0	B	39.5	A	22.6	C	39.3	A	31.8	B	33.2	B	27.6	C	37.5	A	30.6	B	34.8	A	28.1	A	35.5	A	24.3	B	35.5	A	22.5	B	37.8	A	23.3	B
Reed Rd. to Lockwood Rd.	1.07	-	-	-	-	-	-	-	-	-	-	-	-	20.3	D	20.3	D	22.6	C	22.6	C	27.8	C	27.8	C	26.5	C	26.5	C	25.7	C	25.7	C	24.7	C	24.7	C	33.4	B	33.4	B
Lockwood Rd. to Twin Rivers Blvd.	1.28	-	-	-	-	-	-	-	-	-	-	-	-	41.6	A			37.0	A			46.3	A			30.1	B			34.6	B			35.1	A			39.8	A		
Twin Rivers Blvd. to Live Oak Reserve Blvd.*	0.50	-	-	-	-	-	-	-	-	-	-	-	-	34.4	B			29.4	B			22.3	C			56.6	A			50.8	A			47.6	A			29.6	B		
Live Oak Reserve Blvd. to Snow Hill Rd.****	0.91													34.2	B			41.5	A			40.0	A			36.2	A			32.3	B			41.7	A			35.0	B		
Snow Hill Rd. to 2nd St.**	0.36	-	-	-	-	-	-	-	-	-	-	-	-	41.6	A	38.2	A	39.9	A	37.4	A	43.2	A	37.5	A	38.6	A	35.6	A	36.0	A	35.9	A	45.0	A	39.7	A	43.2	A	37.1	A
2nd St. to 7th St.**	0.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42.9	A			45.7	A			46.7	A			47.7	A		
7th St. to 11th St.***	0.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45.0	A	43.8	A	46.2	A	45.9	A	47.4	A	47.0	A	47.4	A	47.6	A
11th St. to Lake Mills Rd.	0.38	-	-	-	-	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-	-	51.8	A			49.6	A			50.7	A			51.8	A		
Lake Mills Rd. to Orange County Line	1.21	-	-	-	-	-	-	-	-	-	-	-	-	49.5	A	49.5	A	-	-	-	-	-	-	-	-	51.8	A	51.8	A	55.4	A	53.9	A	56.2	A	54.8	A	51.8	A	51.8	A
Average				22.8	C			28.5	B			19.5	D			34.9	B			30.2	B			33.1	B			35.3	A			34.5	B			35.2	A			36.3	A
PM PEAK HOUR																																									
SR 434 to CR 426	0.05	9.6	F	9.6	F	15.4	E	15.4	E	16.7	E	16.7	E	8.9	F	8.9	F	17.7	D	17.7	D	20.0	D	20.0	D	20.0	B	20.0	B	17.6	C	17.6	C	20.0	B	20.0	B	9.7	D	9.7	D
CR 426 to Division St.	0.20	24.6	C			24.8	C			20.0	D			13.5	E			16.2	E			13.8	E			12.6	D			15.2	C			10.3	D			13.6	C		
Division St. to Academy St.	0.55	29.5	B			25.9	C			31.8	B			14.8	E			28.0	C			24.4	C			19.5	B			21.2	B			16.3	C			25.4	A		
Academy St. to Reed Rd.	0.29	36.6	A	29.9	B	33.1	B	27.3	C	38.7	A	29.9	B	36.6	A	17.5	D	32.8	B	25.5	C	36.7	A	23.2	C	34.1	A	19.8	B	36.2	A	22.0	B	36.2	A	17.0	C	37.8	A	23.6	B
Reed Rd. to Lockwood Rd.	1.07	-	-	-	-	-	-	-	-	-	-	-	-	26.9	C	26.9	C	23.1	C	23.1	C	26.2	C	26.2	C	26.3	C	26.3	C	22.5	C	22.5	C	21.0	D	21.0	D	22.6	C	22.6	C
Lockwood Rd. to Twin Rivers Blvd.	1.28	-	-	-	-	-	-	-	-	-	-	-	-	38.9	A			39.3	A			44.6	A			32.6	B			37.2	A			38.9	A			40.8	A		
Twin Rivers Blvd. to Live Oak Reserve Blvd.*	0.50	-	-	-	-	-	-	-	-	-	-	-	-	26.7	C			30.9	B			26.4	C			56.6	A			41.1	A			65.2	A			35.6	A		
Live Oak Reserve Blvd. to Snow Hill Rd.****	0.91													40.6	A			32.7	B			39.1	A			39.9	A			30.0	B			43.0	A			35.5	A		
Snow Hill Rd. to 2nd St.**	0.36	-	-	-	-	-	-	-	-	-	-	-	-	43.2	A	37.7	A	36.8	A	35.7	A	40.8	A	38.2	A	38.6	A	38.0	A	40.8	A	35.6	A	45.0	A	43.7	A	42.4	A	38.6	A
2nd St. to 7th St.**	0.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42.0	A			45.7	A			45.7	A			47.7	A		
7th St. to 11th St.***	0.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42.9	A	42.4	A	47.4	A	46.4	A	48.6	A	47.0	A	50.0	A	48.7	A
11th St. to Lake Mills Rd.	0.38	-	-	-	-	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-	-	48.5	A			53.0	A			51.8	A			53.0	A		
Lake Mills Rd. to Orange County Line	1.21	-	-	-	-	-	-	-	-	-	-	-	-	50.4	A	50.4	A	-	-	-	-	-	-	-	-	51.1	A	50.4	A	56.7	A	55.8	A	55.8	A	54.8	A	55.4	A	54.8	A
Average				27.1	C			26.3	C			28.8	B			32.3	B			29.6	B			31.0	B			33.4	B			33.0	B			32.8	B			34.2	B

Note: * Till Year 2007 this segment was used to be Twin Rivers Blvd. to Lake Eva Dr.

** Till Year 2007 this segment was used to be Lake Eva Dr. to 2nd St.

~ Till Year 2007 this segment was used to be 2nd St. to Lake Eva Dr.

~~ Till Year 2007 this segment was used to be Lake Eva Dr. to Twin Rivers Blvd.

Note: ** Additional Control Point Added at 7th St.

Note: *** Additional Control Point Added at 11th St.

Note: **** Construction in progress on CR 419 at the intersection of Snow Hill Rd during the 2012 study.

TABLE C5.1b

Year 2014 Seminole County Travel Time & Delay Study

CR 419 - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
Orange Co. Line to Lake Mills Rd.	1.21	-	-	-	-	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-	-	52.6	A			56.7	A			54.5	A			54.5	A		
Lake Mills Rd. to 11th St. ***	0.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49.6	A	51.8	A	49.6	A	54.8	A	49.6	A	53.3	A	53.0	A	54.2	A
11th St. to 7th St.**	0.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42.9	A			45.0	A			48.6	A			47.4	A		
7th St. to 2nd St.	0.35	-	-	-	-	-	-	-	-	-	-	-	-	50.4	A	50.4	A	-	-	-	-	-	-	-	-	41.2	A	41.9	A	43.7	A	44.3	A	46.7	A	47.6	A	45.7	A	46.4	A
2nd St. to Snow Hill Rd.****	0.36	-	-	-	-	-	-	-	-	-	-	-	-	27.0	C			24.2	C			27.3	C			33.7	B			22.7	C			18.9	D			21.4	D		
Snow Hill Rd.~ to Live Oak Reserve Blvd.	0.91													36.1	A			36.7	A			42.5	A			35.5	A			40.7	A			41.4	A			36.2	A		
Live Oak Reserve Blvd. to Twin Rivers Blvd.~~	0.50	-	-	-	-	-	-	-	-	-	-	-	-	16.3	E			25.9	C			26.8	C			31.9	B			32.6	B			39.0	A			31.3	B		
Twin Rivers Blvd. to Lockwood Rd.	1.28	-	-	-	-	-	-	-	-	-	-	-	-	41.8	A	32.5	B	33.5	B	32.0	B	36.7	A	34.6	B	34.8	B	34.3	B	28.5	B	31.0	B	30.1	B	31.7	B	34.1	B	32.1	B
Lockwood Rd. to Reed Rd.	1.07	-	-	-	-	-	-	-	-	-	-	-	-	43.2	A	43.2	A	38.3	A	38.3	A	40.4	A	40.4	A	40.9	A	40.9	A	40.1	A	40.1	A	38.9	A	38.9	A	41.7	A	41.7	A
Reed Rd. to Academy St.	0.29	18.7	D			21.3	D			14.9	E			16.0	E			33.4	B			26.9	C			28.5	A			19.3	B			16.7	C			22.9	B		
Academy St. to Division St.	0.55	31.7	B			24.9	C			28.9	B			19.6	D			27.0	C			24.2	C			22.4	B			26.0	A			26.2	A			27.7	A		
Division St. to CR 426	0.20	4.7	F	13.8	E	5.0	F	13.6	E	7.4	F	15.8	E	7.1	F	13.9	E	15.2	E	24.7	C	16.4	E	22.8	C	5.4	F	14.4	C	8.0	F	17.0	C	12.9	D	19.3	B	6.7	F	16.7	C
CR 426 to SR 434	0.05	20.3	D	20.3	D	16.4	E	16.4	E	21.4	D	21.4	D	4.8	F	4.8	F	16.9	E	16.9	E	18.7	D	18.7	D	15.8	C	15.8	C	18.7	C	18.7	C	10.0	D	10.0	D	25.0	B	25.0	B
Average				14.0	E			13.7	E			16.0	E			30.3	B			31.0	B			32.0	B			31.5	B			32.0	B			32.9	B			32.6	B
PM PEAK HOUR																																									
Orange Co. Line to Lake Mills Rd.	1.21	-	-	-	-	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-	-	51.1	A			55.8	A			54.1	A			55.0	A		
Lake Mills Rd. to 11th St. ***	0.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49.6	A	50.7	A	48.5	A	53.9	A	50.7	A	53.3	A	54.3	A	54.8	A
11th St. to 7th St.**	0.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42.9	A			45.0	A			48.6	A			50.0	A		
7th St. to 2nd St.	0.35	-	-	-	-	-	-	-	-	-	-	-	-	50.4	A	50.4	A	-	-	-	-	-	-	-	-	41.2	A	41.9	A	43.7	A	44.3	A	46.7	A	47.6	A	46.7	A	48.1	A
2nd St. to Snow Hill Rd.****	0.36	-	-	-	-	-	-	-	-	-	-	-	-	34.0	B			28.1	B			33.2	B			32.7	B			33.7	B			21.0	D			20.4	D		
Snow Hill Rd.~ to Live Oak Reserve Blvd.	0.91													46.6	A			38.3	A			41.9	A			40.1	A			41.4	A			46.7	A			45.1	A		
Live Oak Reserve Blvd. to Twin Rivers Blvd.~~	0.50	-	-	-	-	-	-	-	-	-	-	-	-	36.9	A			33.3	B			33.6	B			31.6	B			60.0	A			65.2	A			30.4	B		
Twin Rivers Blvd. to Lockwood Rd.	1.28	-	-	-	-	-	-	-	-	-	-	-	-	37.5	A	39.4	A	30.6	B	32.6	B	34.0	B	35.8	A	35.1	A	35.5	A	30.7	B	36.9	A	29.1	B	34.5	B	31.1	B	32.0	B
Lockwood Rd. to Reed Rd.	1.07	-	-	-	-	-	-	-	-	-	-	-	-	42.6	A	42.6	A	38.4	A	38.4	A	38.0	A	38.0	A	40.6	A	40.6	A	39.4	A	39.4	A	42.8	A	42.8	A	42.0	A	42.0	A
Reed Rd. to Academy St.	0.29	34.7	B			27.4	C			34.1	B			25.5	C			27.5	C			24.7	C			25.6	A			24.9	B			27.2	A			16.1	C		
Academy St. to Division St.	0.55	32.8	B			26.0	C			28.9	B			28.0	B			24.2	C			25.7	C			26.2	A			19.1	B			27.5	A			23.1	B		
Division St. to CR 426	0.20	12.3	F	25.2	C	3.8	F	12.1	F	10.4	F	22.2	C	4.2	F	13.1	E	9.5	F	19.2	D	10.7	F	20.1	D	9.1	D	19.1	B	4.7	F	12.5	D	8.5	F	19.1	B	6.5	F	14.3	C
CR 426 to SR 434	0.05	10.4	F	10.4	F	12.3	F	12.3	F	9.4	F	9.4	F	4.6	F	4.6	F	21.9	D	21.9	D	27.3	C	27.3	C	20.0	B	20.0	B	25.0	B	25.0	B	33.3	A	33.3	A	23.1	B	23.1	B
Average				23.8	C			12.3	F			20.9	D			31.6	B			29.3	B			31.2	B			34.5	B			31.1	B			35.0	A			31.3	B

Note: * Till Year 2007 this segment was used to be Twin Rivers Blvd. to Lake Eva Dr.

** Till Year 2007 this segment was used to be Lake Eva Dr. to 2nd St.

~ Till Year 2007 this segment was used to be 2nd St. to Lake Eva Dr.

~~ Till Year 2007 this segment was used to be Lake Eva Dr. to Twin Rivers Blvd.

Note: ** Additional Control Point Added at 7th St.

Note: *** Additional Control Point Added at 11th St.

Note: **** Construction in progress on CR 419 at the intersection of Snow Hill Rd during the 2012 study.

TABLE C6.1a
Year 2014 Seminole County Travel Time & Delay Study
CR 426 - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
CR 419 to Division St.	0.29	28.6	B			28.1	B			28.1	B			26.8	C			24.2	C			25.6	C			22.9	B	22.9	B	21.2	B	21.2	B	22.9	B	22.9	B	24.2	B	24.2	B
Division St. to Lake Charm Dr.	0.43	37.9	A			33.4	B			38.5	A			37.4	A			37.9	A			34.4	B			31.1	A	31.1	A	34.4	A	34.4	A	31.9	A	31.9	A	34.4	A	34.4	A
Lake Charm Dr. to Reed Rd.	0.49	39.2	A	35.5	A	37.6	A	33.2	B	43.6	A	36.9	A	41.7	A	35.5	A	41.7	A	34.4	B	36.9	A	32.6	B	37.7	A	37.7	A	33.8	B	33.8	B	39.7	A	39.7	A	40.3	A	40.3	A
Reed Rd. to Oklahoma St.	0.72	----	----	----	----	----	----	----	----	----	----	----	----	42.7	A	42.7	A	43.4	A	43.4	A	43.4	A	43.4	A	38.6	A			40.8	A			39.3	A			42.8	A		
Oklahoma St. to Lockwood Rd./Stone St.	0.54	----	----	----	----	----	----	----	----	----	----	----	----													41.0	A	39.6	A	42.6	A	41.5	A	44.4	A	41.3	A	43.8	A	43.2	A
Lockwood Rd./Stone St. to Van Arsdale St.	0.27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	43.8	A	43.8	A	42.6	A	42.6	A	45.0	A	45.0	A	46.3	A	46.3	A
Van Arsdale St. to Seminole Woods Blvd.	2.89	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	46.4	A	46.4	A	50.1	A	50.1	A	47.6	A	47.6	A	51.6	A	51.6	A
Seminole Woods Blvd. to Old Mims Rd.	0.76	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	42.2	A			43.8	A			40.0	A			46.1	A		
Old Mims Rd. to Snow Hill Rd.	0.53	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	43.6	A			44.2	A			44.2	A			45.4	A		
Snow Hill Rd. to SR 46 *	0.84	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	37.6	A	40.6	A	40.3	A	42.5	A	34.5	B	38.5	A	36.5	A	41.6	A
Average				35.5	A			33.2	B			36.9	A			38.9	A			38.5	A			40.3	A			40.3	A			41.9	A			40.6	A			43.4	A
PM PEAK HOUR																																									
CR 419 to Division St.	0.29	28.8	B			26.3	C			21.2	D			21.2	D			20.7	D			21.0	D			18.9	C	18.9	C	15.7	C	15.7	C	21.7	B	21.7	B	22.0	B	22.0	B
Division St. to Lake Charm Dr.	0.43	37.5	A			32.7	B			36.9	A			36.3	A			37.9	A			35.8	A			32.2	B	32.2	B	28.0	B	28.0	B	31.1	B	31.1	B	35.8	A	35.8	A
Lake Charm Dr. to Reed Rd.	0.49	38.7	A	35.2	A	39.3	A	32.8	B	43.6	A	33.0	B	40.6	A	32.1	B	40.0	A	32.1	B	40.6	A	31.9	B	38.7	A	38.7	A	38.7	A	38.7	A	39.2	A	39.2	A	40.3	A	40.3	A
Reed Rd. to Oklahoma St.	0.72	----	----	----	----	----	----	----	----	----	----	----	----	43.1	A	43.1	A	41.5	A	41.5	A	43.4	A	43.4	A	39.6	A			40.8	A			40.4	A			44.1	A		
Oklahoma St. to Lockwood Rd./Stone St.	0.54	----	----	----	----	----	----	----	----	----	----	----	----													42.1	A	40.6	A	44.4	A	42.2	A	45.0	A	42.2	A	46.3	A	45.0	A
Lockwood Rd./Stone St. to Van Arsdale St.	0.27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	43.8	A	43.8	A	45.0	A	45.0	A	45.0	A	45.0	A	46.3	A	46.3	A
Van Arsdale St. to Seminole Woods Blvd.	2.89	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	49.5	A	49.5	A	49.7	A	49.7	A	52.2	A	52.2	A	52.1	A	52.1	A
Seminole Woods Blvd. to Old Mims Rd.	0.76	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	44.3	A			46.1	A			43.8	A			47.0	A		
Old Mims Rd. to Snow Hill Rd.	0.53	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	44.8	A			46.1	A			44.8	A			48.9	A		
Snow Hill Rd. to SR 46 *	0.84	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	34.8	B	40.1	A	43.4	A	45.0	A	37.1	A	41.1	A	35.2	A	41.9	A
Average				35.2	A			32.8	B			33.0	B			37.0	A			36.4	A			40.8	A			40.8	A			41.3	A			42.5	A			43.7	A

TABLE C6.1b
Year 2014 Seminole County Travel Time & Delay Study
CR 426 - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
SR 46 to Snow Hill Rd. *	0.84	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	40.6	A			34.8	B			42.0	A			43.8	A		
Snow Hill Rd. to Old Mims Rd.	0.53	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	44.2	A			44.8	A			44.8	A			46.1	A		
Old Mims Rd. to Seminole Woods Blvd.	0.76	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	42.6	A	42.2	A	44.3	A	40.1	A	43.8	A	43.3	A	46.1	A	45.2	A
Seminole Woods Blvd. to Van Arsdale St.	2.89	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	48.6	A	48.6	A	50.4	A	50.4	A	50.3	A	50.3	A	53.2	A	53.2	A
Van Arsdale St. to Lockwood Rd./Stone St.	0.27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	45.0	A	45.0	A	45.0	A	45.0	A	43.8	A	43.8	A	46.3	A	46.3	A
Lockwood Rd./Stone St. to Oklahoma St.	0.54	----	----	----	----	----	----	----	----	----	----	----	----	39.4	A	39.4	A	41.3	A	41.3	A	41.5	A	41.5	A	43.8	A			43.8	A			43.8	A			45.0	A		
Oklahoma St. to Reed Rd.	0.72	----	----	----	----	----	----	----	----	----	----	----	----													38.2	A	40.4	A	42.8	A	43.2	A	39.6	A	41.3	A	41.9	A	43.2	A
Reed Rd. to Lake Charm Dr.	0.49	37.6	A			37.4	A			43.0	A			44.3	A			43.6	A			41.1	A			39.2	A	39.2	A	40.3	A	40.3	A	39.7	A	39.7	A	40.8	A	40.8	A
Lake Charm Dr. to Division St.	0.43	36.1	A			34.8	B			32.2	B			26.9	C			30.7	B			27.4	C			25.5	B	25.5	B	27.7	B	27.7	B	26.1	B	26.1	B	27.7	B	27.7	B
Division St. to CR 419	0.29	13.6	E	26.3	C	9.1	F	21.1	D	7.3	F	18.7	D	7.1	F	17.7	D	18.7	D	29.6	B	8.2	F	19.1	D	6.6	F	6.6	F	12.4	A	12.4	A	13.4	A	13.4	A	8.9	B	8.9	B
Average				26.3	C			21.1	D			18.7	D			24.7	C			34.7	B			26.5	C			35.2	A			39.5	A			40.0	A			39.5	A
PM PEAK HOUR																																									
SR 46 to Snow Hill Rd. *	0.84	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	41.0	A			35.0	B			43.1	A			44.2	A		
Snow Hill Rd. to Old Mims Rd.	0.53	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	44.8	A			45.4	A			38.3	A			46.8	A		
Old Mims Rd. to Seminole Woods Blvd.	0.76	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	43.4	A	42.7	A	45.1	A	40.6	A	44.7	A	42.3	A	46.5	A	45.6	A
Seminole Woods Blvd. to Van Arsdale St.	2.89	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	50.0	A	50.0	A	48.6	A	48.6	A	52.4	A	52.4	A	51.8	A	51.8	A
Van Arsdale St. to Lockwood Rd./Stone St.	0.27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	46.3	A	46.3	A	46.3	A	46.3	A	46.3	A	46.3	A	47.6	A	47.6	A
Lockwood Rd./Stone St. to Oklahoma St.	0.54	----	----	----	----	----	----	----	----	----	----	----	----	41.1	A	41.1	A	39.6	A	39.6	A	40.0	A	40.0	A	43.8	A			43.8	A			44.4	A			45.0	A		
Oklahoma St. to Reed Rd.	0.72	----	----	----	----	----	----	----	----	----	----	----	----													39.6	A	41.3	A	41.5	A	42.5	A	40.4	A	42.0	A	42.8	A	43.7	A
Reed Rd. to Lake Charm Dr.	0.49	37.7	A			38.3	A			43.0	A			40.0	A			42.4	A			42.4	A			39.7	A	39.7	A	41.4	A	41.4	A	39.7	A	39.7	A	40.8	A	40.8	A
Lake Charm Dr. to Division St.	0.43	34.8	B			35.9	A			31.1	B			31.1	B			29.7	B			30.4	B			27.4	B	27.4	B	31.9	A	31.9	A	27.7	B	27.7	B	28.4	B	28.4	B
Division St. to CR 419	0.29	7.4	F	19.0	D	7.2	F	18.7	D	5.8	F	16.0	E	9.3	F	21.0	D	10.1	F	22.0	C	9.7	F	21.6	D	8.7	E	8.7	E	22.0	E	22.0	E	9.8	D	9.8	D	6.0	F	6.0	F
Average				19.0	D			18.7	D			16.0	E			28.1	B			28.6	B			28.3	B			37.8	A			41.7	A			39.0	A			36.6	A

Note: * Roadway segment extended to SR 46 in 2011

TABLE C7.1a
Year 2014 Seminole County Travel Time & Delay Study
CR 427 (Ronald Regan Boulevard) - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
Ballard St. to Orienta Ave.*	0.54	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Orienta Ave. to SR 436	0.14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
SR 436 to First St.	0.36	41.3	A			39.8	A			38.2	A			37.0	A		
First St. to Magnolia/Plumosa Ave.	0.67	43.6	A			39.9	A			42.8	A			40.6	A		
Magnolia/Plumosa Ave. to North St.	0.59	43.8	A	43.1	A	39.3	A	39.6	A	29.4	B	35.8	A	30.7	B	35.6	A
North St. to Dogtrack Rd.	0.12	19.1	D	19.1	D	12.7	F	12.7	F	11.1	F	11.1	F	20.1	D	20.1	D
Dog Track Rd. to Wildmere Ave.	0.50	34.9	B			33.7	B			35.8	A			35.3	A		
Wildmere Ave. to SR 434	0.38	16.9	E	24.1	C	14.0	E	21.4	D	11.1	F	18.7	D	12.3	F	19.9	D
SR 434 to Church Ave.	0.21	26.0	C			22.1	C			17.2	D			24.9	C		
Church Ave. to Longwood Hills Rd.	0.93	37.3	A	34.3	B	38.3	A	33.6	B	35.0	A	29.3	B	32.1	B	30.5	B
Longwood Hills Rd. to Longwood Lake Mary Rd.	0.59	45.0	A	45.0	A	33.8	B	33.8	B	37.0	A	37.0	A	32.7	B	32.7	B
Longwood Lake Mary Rd. to General Hutchison Rd.	0.10	32.2	B			11.8	F			19.3	D			33.9	B		
General Hutchison Rd. to Country Club Rd.	1.02	46.1	A	44.2	A	46.2	A	32.4	B	40.2	A	36.4	A	44.4	A	43.1	A
Country Club Rd. to Silkwood Ct.	0.71	44.1	A			41.0	A			43.8	A			39.9	A		
Silkwood Ct. to US 17/92	0.27	15.6	E	29.1	B	18.6	D	30.7	B	10.0	F	22.5	C	10.0	F	21.7	D
US 17/92 to County Home Rd.	0.85	36.4	A	36.4	A	43.6	A	43.6	A	44.1	A	44.1	A	43.6	A	43.6	A
County Home Rd. to Bedford Rd.	1.49	52.3	A			48.1	A			48.4	A			48.4	A		
Bedford Rd. to SR 417 (SB Ramps)	0.61	52.1	A			42.8	A			31.8	B			40.2	A		
SR 417 (SB Ramps) to SR 417 (NB Ramps)	0.09	24.1	C			21.5	D			19.3	D			17.8	D		
SR 417 (NB Ramps) to Lake Mary Blvd.	0.26	30.6	B	47.2	A	33.5	B	43.2	A	22.8	C	37.5	A	24.2	C	40.3	A
Average				37.4	A			34.5	B			30.8	B			32.2	B
PM PEAK HOUR																	
Ballard St. to Orienta Ave.*	0.54	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Orienta Ave. to SR 436	0.14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
SR 436 to First St.	0.36	41.0	A			36.7	A			39.9	A			38.4	A		
First St. to Magnolia/Plumosa Ave.	0.67	44.3	A			37.8	A			42.3	A			39.4	A		
Magnolia/Plumosa Ave. to North St.	0.59	21.1	D	31.1	B	26.0	C	32.1	B	23.8	C	32.5	B	23.1	C	31.0	B
North St. to Dogtrack Rd.	0.12	15.6	E	15.6	E	16.7	E	16.7	E	20.7	D	20.7	D	20.5	D	20.5	D
Dog Track Rd. to Wildmere Ave.	0.50	30.0	B			33.9	B			36.2	A			38.0	A		
Wildmere Ave. to SR 434	0.38	7.3	F	13.1	E	8.3	F	15.0	E	6.2	F	12.1	F	11.8	F	19.8	D
SR 434 to Church Ave.	0.21	17.4	D			13.3	E			10.2	F			21.5	D		
Church Ave. to Longwood Hills Rd.	0.93	35.0	A	29.4	B	35.3	A	26.9	C	36.0	A	24.5	C	39.0	A	33.8	B
Longwood Hills Rd. to Longwood Lake Mary Rd.	0.59	43.3	A	43.3	A	32.1	B	32.1	B	29.8	B	29.8	B	40.3	A	40.3	A
Longwood Lake Mary Rd. to General Hutchison Rd.	0.10	32.2	B			21.9	D			34.8	B			33.4	B		
General Hutchison Rd. to Country Club Rd.	1.02	50.5	A	47.8	A	43.7	A	35.7	A	38.9	A	38.5	A	44.2	A	42.9	A
Country Club Rd. to Silkwood Ct.	0.71	47.8	A			42.1	A			36.7	A			37.1	A		
Silkwood Ct. to US 17/92	0.27	10.2	F	23.6	C	16.2	E	29.1	B	6.8	F	16.6	E	8.6	F	19.3	D
US 17/92 to County Home Rd.	0.85	47.0	A	47.0	A	36.0	A	36.0	A	38.4	A	38.4	A	39.3	A	39.3	A
County Home Rd. to Bedford Rd.	1.49	52.8	A			47.3	A			48.1	A			48.5	A		
Bedford Rd. to SR 417 (SB Ramps)	0.61	37.9	A			33.2	B			37.6	A			30.2	B		
SR 417 (SB Ramps) to SR 417 (NB Ramps)	0.09	11.0	F			32.6	B			35.5	A			30.4	B		
SR 417 (NB Ramps) to Lake Mary Blvd.	0.26	32.3	B	40.7	A	17.9	D	37.0	A	18.4	D	39.1	A	25.3	C	38.5	A
Average				30.2	B			29.6	B			26.5	C			31.1	B

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
Ballard St. to Orienta Ave.*	----	----	----	----	----	----	----	----	31.8	A	31.8	A	34.8	A	34.8	A	27.5	B	27.5	B	31.5	A	31.5	A
Orienta Ave. to SR 436	----	----	----	----	8.4	F	8.4	F	5.2	F	5.2	F	5.2	F	5.2	F	7.9	F	7.9	F	6.6	F	6.6	F
SR 436 to First St.	39.4	A			39.6	A			37.9	A			38.6	A			37.9	A			36.6	A		
First St. to Magnolia/Plumosa Ave.	38.6	A			36.7	A			36.7	A			38.8	A			33.3	B			34.7	B		
Magnolia/Plumosa Ave. to North St.	30.1	B	35.1	A	31.1	B	35.0	B	32.1	B	35.1	A	33.6	B	36.6	A	34.9	B	34.8	B	30.8	B	33.5	B
North St. to Dogtrack Rd.	12.5	F	12.5	F	14.3	E	14.3	E	7.3	F	7.3	F	7.6	F	7.6	F	15.0	E	15.0	E	25.4	C	25.4	C
Dog Track Rd. to Wildmere Ave.	34.7	B			36.7	A			32.6	B			35.2	A			36.9	A			33.6	B		
Wildmere Ave. to SR 434	9.0	F	16.0	E	15.5	E	23.4	C	19.3	D	25.2	C	15.5	E	22.8	C	15.7	E	23.4	C	12.5	F	19.5	D
SR 434 to Church Ave.	18.8	D			27.4	C			23.8	C			24.7	C			26.8	C			33.2	B		
Church Ave. to Longwood Hills Rd.	36.5	A	31.0	B	34.4	B	32.9	B	36.9	A	33.5	B	38.4	A	34.8	B	43.4	A	39.0	A	41.8	A	39.9	A
Longwood Hills Rd. to Longwood Lake Mary Rd.	38.0	A	38.0	A	41.8	A	41.8	A	41.6	A	41.6	A	34.7	B	34.7	B	40.2	A	40.2	A	44.2	A	44.2	A
Longwood Lake Mary Rd. to General Hutchison Rd.	21.7	D			22.0	D			33.3	B			25.0	C			30.0	B			37.5	A		
General Hutchison Rd. to Country Club Rd.	41.0	A	37.8	A	42.8	A	38.2	A	42.5	A	41.5	A	42.5	A	40.0	A	44.0	A	42.3	A	41.9	A	41.5	A
Country Club Rd. to Silkwood Ct.	42.6	A			39.1	A			31.4	B			31.8	B			43.1	A			42.2	A		
Silkwood Ct. to US 17/92	15.6	E	28.7	B	13.4	E	25.2	C	8.1	F	17.0	E	8.5	F	17.6	D	5.7	F	14.7	E	5.9	F	14.9	E
US 17/92 to County Home Rd.	44.2	A	44.2	A	42.9	A	42.9	A	42.7	A	42.7	A	42.4	A	42.4	A	43.8	A	43.8	A	41.7	A	41.7	A
County Home Rd. to Bedford Rd.	47.3	A			43.9	A			45.8	A			45.2	A			45.4	A			43.4	A		
Bedford Rd. to SR 417 (SB Ramps)	34.8	B			27.3	C			30.2	B			33.5	B			33.5	B			29.1	B		
SR 417 (SB Ramps) to SR 417 (NB Ramps)	32.0	B			25.0	C			14.6	E			19.3	D			30.0	B			30.0	B		
SR 417 (NB Ramps) to Lake Mary Blvd.	24.7	C	39.7	A	16.2	E	32.9	B	12.5	F	31.1	B	16.7	E	34.6	B	13.1	E	33.6	B	9.5	F	29.0	B
Average			31.6	B			30.9	B			28.0	B			28.6	B			29.1	B			27.7	C
PM PEAK HOUR																								
Ballard St. to Orienta Ave.*	----	----	----	----	----	----	----	----	30.0	B	30.0	B	31.8	A	31.8	A	33.1	A	33.1	A	31.2	A	31.2	A
Orienta Ave. to SR 436	----	----	----	----	5.5	F	5.5	F	5.6	F	5.6	F	4.7	F	4.7	F	4.7	F	4.7	F	4.6	F	4.6	F
SR 436 to First St.	38.6	A			39.6	A			38.6	A			36.6	A			38.6	A			36.0	A		
First St. to Magnolia/Plumosa Ave.	39.6	A			34.1	B			38.8	A			30.7	B			36.3	A			33.6	B		
Magnolia/Plumosa Ave. to North St.	24.3	C	32.0	B	29.3	B	23.6	C	25.1	C	32.2	B	30.8	B	31.9	B	28.4	B	33.3	B	22.3	C	28.6	B
North St. to Dogtrack Rd.	18.7	D	18.7	D	12.9	F	12.9	F	8.1	F	8.1	F	8.0	F	8.0	F	10.6	F	10.6	F	8.5	F	8.5	F
Dog Track Rd. to Wildmere Ave.	40.3	A			39.5	A			36.0	A			37.8	A			37.8	A			37.3	A		
Wildmere Ave. to SR 434	12.0	F	20.4	D	14.0	E	22.4	C	11.3	F	18.7	D	9.0	F	16.0	E	17.4	D	25.2	C	6.7	F	12.6	F
SR 434 to Church Ave.	18.1	D			18.5	D			14.8	E			20.3	D			33.2	B			26.2	C		
Church Ave. to Longwood Hills Rd.	32.8	B	28.5	B	39.9	A	32.9	B	36.6	A	28.9	B	37.6	A	32.5	B	35.9	A	35.4	A	36.6	A	34.2	B
Longwood Hills Rd. to Longwood Lake Mary Rd.	37.0	A	37.0	A	40.2	A	40.2	A	32.2	B	32.2	B	39.3	A	39.3	A	41.6	A	41.6	A	36.5	A	36.5	A
Longwood Lake Mary Rd. to General Hutchison Rd.	33.2	B			28.1	B			28.6	B			27.3	C			33.3	B			24.0	C		
General Hutchison Rd. to Country Club Rd.	46.5	A	44.8	A	41.1	A	38.8	A	41.9	A	40.2	A	39.5	A	38.0	A	39.0	A	38.4	A	41.9	A	39.3	A
Country Club Rd. to Silkwood Ct.	43.1	A			41.4	A			40.2	A			37.6	A			39.1	A			33.7	B		
Silkwood Ct. to US 17/92	6.9	F	17.5	D	10.0	F	21.7	D	13.2	E	25.0	C	10.1	F	20.8	D	6.9	F	16.4	E	13.6	E	23.4	C
US 17/92 to County Home Rd.	45.0	A	45.0	A	41.5	A	41.5	A	42.0	A	42.0	A	43.1	A	43.1	A	42.7	A	42.7	A	40.3	A	40.3	A
County Home Rd. to Bedford Rd.	49.5	A			43.9	A			44.5	A			43.2	A			44.3	A			42.4	A		
Bedford Rd. to SR 417 (SB Ramps)	40.4	A			34.5	B			34.4	B			29.5	B			36.1	A			30.5	B		
SR 417 (SB Ramps) to SR 417 (NB Ramps)	40.4	A			35.3	A			28.4	B			20.8	D			30.0	B			20.8	D		
SR 417 (NB Ramps) to Lake Mary Blvd.	12.0	F	36.5	A	15.9	E	35.7	A	26.7	C	38.3	A	20.3	D	34.0	B	12.7	F	33.6	B	20.3	D	34.0	B
Average			30.2	B			29.5	B			28.7	B			27.1	C			28.3	B			26.0	C

Note: *Additional control point added at Ballard St.

TABLE C7.1b
Year 2014 Seminole County Travel Time & Delay Study
CR 427 (Ronald Regan Boulevard) - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
Lake Mary Blvd. to SR 417 (NB Ramps)	0.23	29.8	B			20.2	D			23.0	C			23.3	C		
SR 417 (NB Ramps) to SR 417 (SB Ramps)	0.09	41.5	A			29.1	B			29.0	B			26.6	C		
SR 417 (SB Ramps) to Bedford Rd.	0.60	51.8	A			45.2	A			46.7	A			42.9	A		
Bedford Rd. to County Home Rd.	1.49	53.1	A	48.4	A	49.7	A	42.0	A	50.1	A	43.0	A	48.4	A	41.4	A
County Home Rd. to US 17/92	1.06	26.9	C	26.9	C	27.4	C	27.4	C	28.0	B	28.0	B	28.0	B	28.0	B
US 17-92 to Silkwood Ct.	0.30	17.8	D			28.0	B			26.4	C			23.4	C		
Silkwood Ct. to Country Club Rd.	0.69	49.1	A	32.0	B	38.6	A	34.6	B	41.8	A	35.5	A	37.6	A	31.7	B
Country Club Rd. to General Hutchison	1.01	40.2	A			38.2	A			39.9	A			37.6	A		
General Hutchison to Longwood Lake Mary Rd.	0.10	9.7	F	30.6	B	6.9	F	23.7	C	16.7	E	35.1	A	12.6	F	31.5	B
Longwood Lake Mary Rd. to Longwood Hills Rd.	0.59	26.4	C	26.4	C	18.5	D	18.5	D	21.4	D	21.4	D	23.8	C	23.8	C
Longwood Hills Rd. to Church Ave.	0.93	21.5	D			21.1	D			21.1	D			30.9	B		
Church Ave. to SR 434	0.21	6.5	F	15.0	E	3.7	F	11.4	F	3.8	F	11.6	F	4.4	F	14.9	E
SR 434 to Wildmere Ave.	0.37	28.2	B			36.5	A			33.9	B			22.9	C		
Wildmere Ave. to Dog Track Rd.	0.52	18.7	D	22.0	C	29.3	B	32.1	B	27.4	C	29.9	B	34.0	B	28.0	B
Dog Track Rd. to North St.	0.11	13.4	E	13.4	E	17.9	D	17.9	D	19.0	D	19.0	D	25.3	C	25.3	C
North St. to Magnolia/Plumosa Ave.	0.60	36.3	A			31.8	B			33.1	B			37.5	A		
Magnolia/Plumosa Ave. to First St.	0.65	45.6	A			42.0	A			44.3	A			44.4	A		
First St. to SR 436	0.37	27.5	C	37.0	A	18.8	D	30.4	B	21.1	D	32.7	B	14.4	E	29.6	B
SR 436 to Orienta Blvd.	0.14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Orienta Ave. to Ballard St.*	0.54	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average				28.6	B			25.7	C			27.2	C			28.0	B
PM PEAK HOUR																	
Lake Mary Blvd. to SR 417 (NB Ramps)	0.23	29.5	B			22.8	C			26.7	C			18.6	D		
SR 417 (NB Ramps) to SR 417 (SB Ramps)	0.09	35.0	A			35.8	A			38.5	A			37.3	A		
SR 417 (SB Ramps) to Bedford Rd.	0.60	50.8	A			46.3	A			48.3	A			47.5	A		
Bedford Rd. to County Home Rd.	1.49	49.1	A	45.7	A	48.7	A	43.2	A	50.0	A	45.1	A	48.7	A	42.0	A
County Home Rd. to US 17/92	1.06	27.0	C	27.0	C	23.9	C	23.9	C	24.8	C	24.8	C	27.1	C	27.1	C
US 17-92 to Silkwood Ct.	0.30	13.4	E			18.5	D			18.7	D			19.7	D		
Silkwood Ct. to Country Club Rd.	0.69	35.4	A	23.6	C	31.2	B	25.8	C	39.9	A	29.7	B	37.4	A	29.4	B
Country Club Rd. to General Hutchison	1.01	47.2	A			40.7	A			42.2	A			30.3	B		
General Hutchison to Longwood Lake Mary Rd.	0.10	15.9	E	39.6	A	17.1	D	35.9	A	10.5	F	32.9	B	10.8	F	25.7	C
Longwood Lake Mary Rd. to Longwood Hills Rd.	0.59	30.8	B	30.8	B	27.5	C	27.5	C	24.3	C	24.3	C	27.1	C	27.1	C
Longwood Hills Rd. to Church Ave.	0.93	36.9	A			31.1	B			28.3	B			32.1	B		
Church Ave. to SR 434	0.21	6.1	F	19.5	D	9.2	F	21.9	D	6.5	F	17.7	D	9.4	F	22.5	C
SR 434 to Wildmere Ave.	0.37	37.7	A			24.2	C			34.2	B			24.9	C		
Wildmere Ave. to Dog Track Rd.	0.52	36.1	A	36.8	A	34.1	B	29.0	B	39.4	A	36.9	A	39.3	A	31.3	B
Dog Track Rd. to North St.	0.11	27.6	C	27.6	C	23.6	C	23.6	C	26.9	C	26.9	C	18.5	D	18.5	D
North St. to Magnolia/Plumosa Ave.	0.60	39.5	A			43.4	A			35.6	A			33.0	B		
Magnolia/Plumosa Ave. to First St.	0.65	46.4	A			46.5	A			43.9	A			43.5	A		
First St. to SR 436	0.37	24.9	C	37.2	A	8.3	F	23.1	C	35.0	A	38.6	A	16.9	E	30.0	B
SR 436 to Orienta Blvd.	0.14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Orienta Ave. to Ballard St.*	0.54	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average				32.0	B			28.6	B			31.0	B			29.8	B

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
Lake Mary Blvd. to SR 417 (NB Ramps)	26.4	C			35.0	B			40.0	A			37.9	A			32.7	B			40.0	A		
SR 417 (NB Ramps) to SR 417 (SB Ramps)	33.7	B			30.0	B			41.5	A			17.4	D			45.0	A			45.0	A		
SR 417 (SB Ramps) to Bedford Rd.	46.7	A			44.1	A			44.8	A			43.3	A			44.3	A			43.8	A		
Bedford Rd. to County Home Rd.	49.1	A	44.1	A	44.3	A	42.5	A	46.3	A	45.0	A	46.3	A	42.1	A	44.5	A	42.9	A	43.8	A	43.4	A
County Home Rd. to US 17/92	32.7	B	32.7	B	27.6	C	27.6	C	22.6	C	22.6	C	21.7	D	21.7	D	18.5	D	18.5	D	17.4	D	17.4	D
US 17-92 to Silkwood Ct.	22.2	C			31.7	B			23.5	C			17.9	D			18.9	D			19.8	D		
Silkwood Ct. to Country Club Rd.	42.9	A	33.4	B	32.9	B	32.5	B	31.1	B	28.4	B	33.4	B	26.6	C	36.6	A	28.7	B	39.4	A	30.5	B
Country Club Rd. to General Hutchison	46.2	A			39.7	A			37.8	A			38.5	A			42.8	A			41.9	A		
General Hutchison to Longwood Lake Mary Rd.	24.5	C	42.5	A	22.5	C	36.2	A	16.2	E	33.8	B	17.1	D	34.6	B	15.8	E	37.1	A	17.6	D	37.3	A
Longwood Lake Mary Rd. to Longwood Hills Rd.	33.0	B	33.0	B	21.0	D	21.0	D	30.3	B	30.3	B	26.8	C	26.8	C	24.9	C	24.9	C	26.4	C	26.4	C
Longwood Hills Rd. to Church Ave.	31.5	B			37.7	A			33.8	B			33.6	B			40.3	A			37.1	A		
Church Ave. to SR 434	9.6	F	22.4	C	9.3	F	24.1	C	7.6	F	20.8	D	6.7	F	19.4	D	7.5	F	22.5	C	5.2	F	17.5	D
SR 434 to Wildmere Ave.	14.1	E			37.0	A			36.8	A			37.4	A			37.4	A			36.2	A		
Wildmere Ave. to Dog Track Rd.	32.5	B	20.6	D	30.3	B	32.8	B	34.4	B	35.4	A	26.2	C	30.0	B	36.9	A	37.1	A	33.3	B	34.5	B
Dog Track Rd. to North St.	29.2	B	29.2	B	26.4	C	26.4	C	12.0	F	12.0	F	17.4	D	17.4	D	16.9	E	16.9	E	16.1	E	16.1	E
North St. to Magnolia/Plumosa Ave.	35.7	A			30.8	B			35.9	A			36.2	A			38.1	A			32.4	B		
Magnolia/Plumosa Ave. to First St.	42.4	A			39.2	A			41.7	A			42.6	A			41.2	A			39.2	A		
First St. to SR 436	29.8	B	36.6	A	15.9	E	27.2	C	10.9	F	24.8	C	11.1	F	25.2	C	10.3	F	24.4	C	13.6	E	26.2	C
SR 436 to Orienta Blvd.	----	----	----	----	27.1	C	27.1	C	28.0	B	28.0	B	28.0	B	28.0	B	29.0	B	29.0	B	28.0	B	28.0	B
Orienta Ave. to Ballard St.*	----	----	----	----	----	----	----	----	30.3	A	30.3	A	30.0	B	30.0	B	26.6	B	26.6	B	23.3	C	23.3	C
Average			32.8	B			30.9	B			29.2	B			28.1	B			28.7	B			27.6	C
PM PEAK HOUR																								
Lake Mary Blvd. to SR 417 (NB Ramps)	36.6	A			40.6	A			36.0	A			41.1	A			40.0	A			37.9	A		
SR 417 (NB Ramps) to SR 417 (SB Ramps)	43.0	A			27.3	C			41.5	A			27.0	C			45.0	A			38.6	A		
SR 417 (SB Ramps) to Bedford Rd.	47.6	A			43.1	A			43.8	A			44.3	A			44.3	A			41.8	A		
Bedford Rd. to County Home Rd.	49.0	A	46.8	A	44.8	A	42.8	A	44.9	A	43.4	A	46.3	A	44.1	A	44.7	A	44.1	A	44.3	A	42.7	A
County Home Rd. to US 17/92	27.7	C	27.7	C	21.7	D	21.7	D	17.1	D	17.1	D	18.0	D	18.0	D	21.0	D	21.0	D	15.5	E	15.5	E
US 17-92 to Silkwood Ct.	37.1	A			35.7	A			30.0	B			39.5	A			32.8	B			31.1	B		
Silkwood Ct. to Country Club Rd.	37.9	A	37.7	A	31.8	B	32.9	B	35.4	A	33.6	B	30.4	B	32.7	B	40.6	A	37.9	A	37.6	A	35.4	A
Country Club Rd. to General Hutchison	38.3	A			40.5	A			40.0	A			38.5	A			38.5	A			40.3	A		
General Hutchison to Longwood Lake Mary Rd.	14.3	E	32.9	B	14.5	E	33.0	B	13.0	E	33.8	B	14.0	E	33.3	B	9.5	F	30.3	B	10.9	F	32.5	B
Longwood Lake Mary Rd. to Longwood Hills Rd.	20.8	D	20.8	D	28.0	C	28.0	C	23.1	C	23.1	C	26.0	C	26.0	C	31.3	B	31.3	B	23.9	C	23.9	C
Longwood Hills Rd. to Church Ave.	34.4	B			37.0	A			37.3	A			33.6	B			36.6	A			31.3	B		
Church Ave. to SR 434	10.9	F	24.8	C	6.4	F	19.7	D	6.4	F	19.9	D	5.9	F	18.2	D	12.4	F	27.0	C	5.9	F	17.5	D
SR 434 to Wildmere Ave.	36.3	A			36.4	A			35.6	A			37.4	A			36.8	A			36.2	A		
Wildmere Ave. to Dog Track Rd.	33.0	B	34.4	B	28.9	B	31.6	B	30.3	B	32.4	B	34.0	B	35.4	A	35.2	A	35.8	A	35.6	A	35.8	A
Dog Track Rd. to North St.	15.6	E	15.6	E	15.3	E	15.3	E	10.6	F	10.6	F	15.7	E	15.7	E	17.8	D	17.8	D	20.6	D	20.6	D
North St. to Magnolia/Plumosa Ave.	38.6	A			35.0	A			34.9	B			35.9	A			32.1	B			30.2	B		
Magnolia/Plumosa Ave. to First St.	45.0	A			39.6	A			40.0	A			41.7	A			42.1	A			38.8	A		
First St. to SR 436	23.2	C	35.7	A	14.2	E	25.9	C	13.7	E	27.0	C	7.3	F	19.9	D	10.9	F	24.1	C	11.1	F	23.5	C
SR 436 to Orienta Blvd.	----	----	----	----	25.5	C	25.5	C	27.1	B	27.1	B	30.0	B	30.0	B	28.0	B	28.0	B	28.0	B	28.0	B
Orienta Ave. to Ballard St.*	----	----	----	----	----	----	----	----	23.8	C	23.8	C	26.6	B	26.6	B	24.2	B	24.2	B	25.3	B	25.3	B
Average			33.0	B			29.1	B			27.7	C			26.7	C			30.2	B			26.8	C

Note: *Additional control point added at Ballard St.

TABLE C8.1a
Year 2014 Seminole County Travel Time & Delay Study
CR 46A - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
Orange Blvd. to International Blvd.	0.30	11.9	F			15.5	E			10.5	F			9.3	F			8.1	F			15.5	E			13.8	E			16.7	E			10.7	F			7.3	F		
International Blvd. to I-4 WB Ramps	0.24	18.2	D			12.7	F			17.3	D			11.7	F			13.6	E			17.5	D			26.0	C			17.9	D			32.1	B			12.2	F		
I-4 WB Ramps to I-4 EB Ramps	0.27	22.9	C			16.3	E			25.1	C			33.6	B			29.1	B			32.4	B			31.8	B			37.7	A			38.6	A			35.2	A		
I-4 EB Ramps to Rinehart Rd.	0.15	9.2	F	14.5	E	8.3	F	13.1	E	8.2	F	13.5	E	16.7	E	13.8	E	18.7	D	13.4	E	14.8	E	18.6	D	9.8	F	17.5	D	36.0	A	22.5	C	34.6	B	20.4	D	21.4	D	12.8	F
Rinehart Rd. to Bright Meadow Dr.	0.56	38.0	A			30.6	B			29.1	B			43.8	A			39.2	A			38.4	A			39.3	A			38.9	A			39.3	A			37.6	A		
Bright Meadow Dr. to Oregon Ave.	0.57	40.2	A			39.4	A			36.3	A			38.0	A			33.2	B			34.2	B			39.8	A			34.5	B			34.5	B			38.0	A		
Oregon Ave. to Rantoul Ln.	0.40	41.1	A			43.3	A			43.3	A			45.3	A			39.6	A			37.8	A			43.2	A			42.4	A			41.0	A			39.7	A		
Rantoul Ln. to Country Club (West)	0.25	39.4	A			42.8	A			41.4	A			45.3	A			34.5	B			26.7	C			30.6	B			32.0	B			36.9	A			29.4	B		
Country Club (West) to Upsala Rd.	0.10	20.0	D			21.0	D			26.3	C			34.6	B			35.6	A			35.3	A			40.0	A			30.0	B			42.9	A			35.3	A		
Upsala Rd. to Vihlen Rd.	0.49	30.0	B			35.9	A			32.3	B			38.0	A			31.8	B			34.9	B			36.6	A			37.0	A			38.0	A			31.9	B		
Vihlen Rd. to Country Club (East)	0.07	31.0	B			30.4	B			36.2	A			36.4	A			30.1	B			34.3	B			24.0	C			24.0	C			24.0	C			17.1	D		
Country Club (East) to Casa Verde Blvd.	0.09	29.0	B			26.9	C			31.7	B			26.0	C			36.3	A			37.9	A			40.0	A			42.4	A			48.0	A			40.0	A		
Casa Verde Blvd. to SR 417 SB	0.18													32.6	B			40.7	A			40.8	A			37.8	A			37.8	A			36.4	A			32.9	B		
SR 417 SB to SR 417 NB	0.11	10.6	F			16.6	E			9.8	F			24.9	C			20.5	D			25.7	C			25.7	C			21.2	D			40.0	A			37.9	A		
SR 417 NB to Airport Blvd.	0.21	6.5	F	25.5	C	8.9	F	28.1	B	12.5	F	28.3	B	16.2	E	35.9	A	18.0	D	32.6	B	18.4	D	32.8	B	22.4	C	35.6	A	21.5	D	33.9	B	10.2	F	32.0	B	14.6	E	32.0	B
Airport Blvd. to Old Lake Mary Rd.	0.25	25.3	C			28.4	B			14.9	E			21.5	D			20.6	D			22.7	C			35.7	A			37.5	A			35.7	A			32.6	B		
Old Lake Mary Rd. to RR Tracks	0.09	25.6	C			26.1	C			22.5	C			33.9	B			31.9	B			31.6	B			40.0	A			40.0	A			40.0	A			37.5	A		
RR Tracks to Hardy Ave.	0.27	34.0	B			37.9	A			36.0	A			42.3	A			37.3	A			36.8	A			36.8	A			38.6	A			40.5	A			39.5	A		
Hardy Ave. to Ridgewood Ave.	0.23	22.6	C			34.2	B			39.4	A			26.4	C			30.1	B			12.9	F			24.4	C			35.7	A			26.4	C			40.0	A		
Ridgewood Ave. to Georgia Ave.	0.15	31.2	B			22.6	C			27.3	C			34.7	B			34.9	B			25.3	C			31.0	B			36.9	A			36.9	A			38.4	A		
Georgia Ave. to Hartwell Ave.	0.06	30.8	B			20.8	D			37.2	A			22.5	C			22.9	C			27.7	C			25.7	C			18.9	D			24.0	C			40.0	A		
Hartwell Ave. to Grenada Ave.	0.25	35.8	A			30.3	B			37.6	A			39.2	A			37.1	A			31.2	B			36.6	A			35.7	A			37.5	A			41.7	A		
Grenada Ave. to US 17/92	0.19	13.9	E	25.8	C	11.5	F	25.1	C	11.2	F	23.4	C	10.0	F	25.0	C	14.0	E	26.7	C	17.5	D	22.8	C	11.4	D	26.4	A	8.8	F	25.7	C	11.6	F	27.6	C	9.7	F	27.8	C
Average				22.6	C			22.9	C			22.7	C			25.6	C			25.0	C			26.2	C			28.0	C			29.0	B			28.2	B			24.7	C
PM PEAK HOUR																																									
Orange Blvd. to International Blvd.	0.30	11.4	F			8.1	F			13.5	E			11.9	F			14.7	E			12.3	F			22.2	C			15.8	E			13.5	E			9.3	F		
International Blvd. to I-4 WB Ramps	0.24	15.0	E			14.0	E			13.5	E			9.1	F			12.5	F			13.1	E			22.3	C			17.2	D			31.4	B			14.7	E		
I-4 WB Ramps to I-4 EB Ramps	0.27	19.0	D			28.9	B			17.2	D			20.3	D			19.1	D			21.6	D			25.7	C			35.2	A			27.0	C			23.1	C		
I-4 EB Ramps to Rinehart Rd.	0.15	9.3	F	13.2	E	12.1	F	12.8	F	12.2	F	14.1	E	12.2	F	12.5	F	10.0	F	14.0	E	6.4	F	12.2	F	10.5	F	19.5	D	12.5	F	18.3	D	27.3	C	21.1	D	19.1	D	14.1	E
Rinehart Rd. to Bright Meadow Dr.	0.56	38.8	A			38.9	A			37.8	A			39.4	A			37.1	A			36.4	A			37.6	A			38.0	A			39.3	A			36.0	A		
Bright Meadow Dr. to Oregon Ave.	0.57	36.0	A			32.3	B			33.8	B			38.9	A			35.5	A			37.6	A			37.2	A			26.1	C			38.4	A			24.6	C		
Oregon Ave. to Rantoul Ln.	0.40	40.5	A			40.7	A			43.0	A			45.1	A			39.5	A			41.0	A			41.7	A			41.0	A			41.7	A			37.8	A		
Rantoul Ln. to Country Club (West)	0.25	24.7	C			41.2	A			42.1	A			21.4	D			26.6	C			24.0	C			26.7	C			38.9	A			22.9	C			30.0	B		
Country Club (West) to Upsala Rd.	0.10	16.2	E			37.0	A			21.5	D			37.4	A			20.4	D			35.3	A			37.5	A			40.0	A			40.0	A			37.5	A		
Upsala Rd. to Vihlen Rd.	0.49	33.4	B			32.7	B			33.7	B			45.4	A			39.7	A			40.0	A			38.0	A			41.1	A			39.5	A			36.6	A		
Vihlen Rd. to Country Club (East)	0.07	33.0	B			33.0	B			36.4	A			46.8	A			39.2	A			40.0	A			24.0	C			26.7	C			16.0	E			24.0	C		
Country Club (East) to Casa Verde Blvd.	0.09	23.7	C			25.1	C			18.5	D			30.5	B			26.7	C			37.9	A			51.4	A			40.0	A			51.4	A			48.0	A		
Casa Verde Blvd. to SR 417 SB	0.18													39.8	A			33.8	B			27.6	C			36.4	A			39.2	A			25.5	C			32.9	B		
SR 417 SB to SR 417 NB	0.11	13.6	E			12.4	F			15.8	E			45.3	A			37.4	A			28.8	B			27.7	C			37.9	A			32.7	B			36.0	A		
SR 417 NB to Airport Blvd.	0.21	8.9	F	26.4	C	12.1	F	29.2	B	7.3	F	25.9	C	16.5	E	35.5	A	25.1	C	34.2	B	20.4	D	33.5	B	19.3	D	34.0	B	33.5	B	35.3	A	21.1	D	33.6	B	30.0	B	32.1	B
Airport Blvd. to Old Lake Mary Rd.	0.25	9.9	F			10.7	F			21.9	D			25.5	C			21.7	D			34.9	B			34.9	B			35.7	A			37.5	A			34.9	B		
Old Lake Mary Rd. to RR Tracks	0.09	29.7	B			17.8	D			29.9	B			33.9	B			34.8	B			31.6	B			37.5	A			37.5	A			40.0	A			35.3	A		
RR Tracks to Hardy Ave.	0.27	37.0	A			39.2	A			36.3	A			39.0	A			37.3	A			31.8	B			35.2	A			36.0	A			37.7	A			37.7	A		
Hardy Ave. to Ridgewood Ave.	0.23	23.2	C			23.7	C			26.8	C			26.8	C			18.5	D			11.2	F			20.3	D			21.3	D			31.4	B			40.0	A		
Ridgewood Ave. to Georgia Ave.	0.15	29.5	B			23.1	C			28.0	B			33.9	B			32.5	B			31.0	B			31.0	B			28.2	B			38.4	A			21.3	D		
Georgia Ave. to Hartwell Ave.	0.06	27.6	C			31.8	B			35.5	A			35.4	A			35.6	A			30.0	B			16.4	E			22.5	C			45.0	A			40.0	A		
Hartwell Ave. to Grenada Ave.	0.25	34.0	B			35.2	A			35.2	A			37.7	A			27.8	C			30.6	B			31.2	B			33.3	B			41.7	A			39.5	A		
Grenada Ave. to US 17/92	0.19	4.2	F	14.8	E	6.1	F	16.8	E	3.0	F	15.0	E	5.9	F	21.7	D	9.3	F	22.2	C	9.2	F	20.1	D	9.7	D	23.2	B	7.5	F	21.8	D	10.3	F	28.1	B	7.1	F	23.1	C
Average				19.1	D			20.6	D			19.3	D			23.7	C			24.4	C			22.6	C			27.2	C			26.6	C			29.3	B			24.3	C

TABLE C8.1b
Year 2014 Seminole County Travel Time & Delay Study
CR 46A - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
US 17/92 to Grenada Ave.	0.18	31.4	B			28.0	C			30.5	B			34.6	B		
Grenada Ave. to Hartwell Ave.	0.25	36.7	A			32.5	B			33.0	B			39.6	A		
Hartwell Ave. to Georgia Ave.	0.06	33.2	B			24.2	C			31.0	B			40.6	A		
Georgia Ave. to Ridgewood Ave.	0.16	25.5	C			12.0	F			26.4	C			27.4	C		
Ridgewood Ave. to Hardy Ave.	0.23	38.7	A			34.1	B			38.6	A			38.7	A		
Hardy Ave. to RR Tracks	0.27	35.7	A			37.0	A			35.5	A			42.2	A		
RR Tracks to Old Lake Mary Rd.	0.10	24.2	C			14.1	E			14.6	E			11.2	F		
Old Lake Mary Rd. to Airport Blvd.	0.25	8.8	F	22.6	C	11.4	F	21.0	D	8.4	F	21.2	D	21.2	D	29.5	B
Airport Blvd. to SR 417 NB	0.20	23.3	C			16.8	E			17.7	D			34.6	B		
SR 417 NB to SR 417 SB	0.11	27.5	C			26.4	C			23.6	C			39.9	A		
SR 417 SB to Casa Verde Blvd.	0.17	19.1	D			23.1	C			23.9	C			39.7	A		
Casa Verde Blvd. to Country Club (East)	0.10													39.2	A		
Country Club (East) to Vihlen Rd.	0.05	10.0	F			21.9	D			16.5	E			28.3	B		
Vihlen Rd. to Upsala Rd.	0.51	28.2	B			23.3	C			25.9	C			42.4	A		
Upsala Rd. to Country Club (West)	0.10	32.9	B			32.5	B			32.9	B			42.7	A		
Country Club (West) to Rantoul Ln.	0.25	39.4	A			41.5	A			41.3	A			45.4	A		
Rantoul Ln. to Oregon Ave.	0.39	34.8	B			33.1	B			31.6	B			39.0	A		
Oregon Ave. to Bright Meadow Dr.	0.58	41.4	A			42.3	A			39.8	A			45.0	A		
Bright Meadow Dr. to Rinehart Rd.	0.58	18.7	D	26.4	C	22.0	C	27.0	C	22.5	C	27.3	C	22.3	C	35.5	A
Rinehart Rd. to I-4 EB Ramps	0.15	11.3	F			31.4	B			23.1	C			16.2	E		
I-4 EB Ramps to I-4 WB Ramps	0.26	19.9	D			24.3	C			36.6	A			36.6	A		
I-4 WB Ramps to International Blvd.	0.22	17.4	D			16.6	E			13.6	E			25.1	C		
International Blvd. to Orange Blvd.	0.30	22.8	C	17.8	D	31.1	B	24.1	C	26.0	C	22.5	C	33.4	B	27.2	C
Average				23.4	C			24.6	C			24.4	C			32.1	B
PM PEAK HOUR																	
US 17/92 to Grenada Ave.	0.18	30.9	B			30.9	B			30.9	B			33.6	B		
Grenada Ave. to Hartwell Ave.	0.25	24.2	C			25.2	C			28.3	B			37.3	A		
Hartwell Ave. to Georgia Ave.	0.06	24.0	C			24.9	C			34.5	B			38.3	A		
Georgia Ave. to Ridgewood Ave.	0.16	32.6	B			22.2	C			16.8	E			30.6	B		
Ridgewood Ave. to Hardy Ave.	0.23	38.1	A			27.4	C			37.6	A			40.4	A		
Hardy Ave. to RR Tracks	0.27	25.0	C			25.5	C			36.4	A			42.9	A		
RR Tracks to Old Lake Mary Rd.	0.10	14.5	E			14.3	E			9.5	F			21.7	D		
Old Lake Mary Rd. to Airport Blvd.	0.25	9.4	F	20.4	D	11.3	F	20.5	D	15.8	E	23.2	C	17.6	D	30.5	B
Airport Blvd. to SR 417 NB	0.20	26.3	C			29.1	B			18.8	D			33.3	B		
SR 417 NB to SR 417 SB	0.11	20.8	D			19.0	D			15.7	E			41.5	A		
SR 417 SB to Casa Verde Blvd.	0.17	35.4	A			31.5	B			32.9	B			30.7	B		
Casa Verde Blvd. to Country Club (East)	0.10													36.7	A		
Country Club (East) to Vihlen Rd.	0.05	13.1	E			16.8	E			11.4	F			28.4	B		
Vihlen Rd. to Upsala Rd.	0.51	28.7	B			27.8	C			24.8	C			26.7	C		
Upsala Rd. to Country Club (West)	0.10	35.8	A			35.9	A			34.6	B			24.8	C		
Country Club (West) to Rantoul Ln.	0.25	42.5	A			44.5	A			46.3	A			41.7	A		
Rantoul Ln. to Oregon Ave.	0.39	33.4	B			34.7	B			35.4	A			38.6	A		
Oregon Ave. to Bright Meadow Dr.	0.58	41.1	A			42.2	A			45.0	A			43.1	A		
Bright Meadow Dr. to Rinehart Rd.	0.58	17.3	D	27.8	C	16.2	E	27.5	C	21.4	D	27.7	C	19.4	D	30.3	B
Rinehart Rd. to I-4 EB Ramps	0.15	30.9	B			17.9	D			18.3	D			19.2	D		
I-4 EB Ramps to I-4 WB Ramps	0.26	39.6	A			39.4	A			32.2	B			37.5	A		
I-4 WB Ramps to International Blvd.	0.22	8.6	F			20.5	D			9.4	F			14.1	E		
International Blvd. to Orange Blvd.	0.30	19.5	D	17.8	D	22.8	C	24.0	C	20.8	D	17.2	D	18.5	D	20.0	D
Average				23.2	C			24.6	C			23.9	C			27.9	C

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
US 17/92 to Grenada Ave.	30.0	B			31.7	B			35.6	A			36.8	A			38.0	A			36.8	A		
Grenada Ave. to Hartwell Ave.	32.5	B			34.1	B			36.6	A			34.1	B			42.9	A			27.8	C		
Hartwell Ave. to Georgia Ave.	35.5	A			30.0	B			40.0	A			36.0	A			40.0	A			40.0	A		
Georgia Ave. to Ridgewood Ave.	20.8	D			15.5	E			21.3	D			22.9	C			40.0	A			23.4	C		
Ridgewood Ave. to Hardy Ave.	36.6	A			34.7	B			40.0	A			40.0	A			44.0	A			41.2	A		
Hardy Ave. to RR Tracks	39.2	A			37.7	A			39.5	A			24.5	C			39.5	A			39.5	A		
RR Tracks to Old Lake Mary Rd.	24.2	C			22.2	C			19.4	D			37.5	A			42.9	A			25.0	C		
Old Lake Mary Rd. to Airport Blvd.	28.5	B	30.7	B	23.4	C	27.6	C	26.3	C	31.1	B	29.4	B	30.7	B	34.9	B	39.8	A	32.6	B	32.4	B
Airport Blvd. to SR 417 NB	37.5	A			35.6	A			34.5	B			31.7	B			34.5	B			36.8	A		
SR 417 NB to SR 417 SB	41.5	A			42.4	A			42.4	A			37.9	A			40.0	A			42.4	A		
SR 417 SB to Casa Verde Blvd.	39.2	A			42.5	A			39.2	A			26.8	C			36.4	A			37.8	A		
Casa Verde Blvd. to Country Club (East)	38.1	A			42.4	A			48.0	A			40.0	A			51.4	A			48.0	A		
Country Club (East) to Vihlen Rd.	15.9	E			48.0	A			24.0	C			21.8	D			26.7	C			24.0	C		
Vihlen Rd. to Upsala Rd.	35.6	A			34.1	B			38.0	A			38.0	A			39.5	A			37.5	A		
Upsala Rd. to Country Club (West)	37.1	A			37.5	A			37.5	A			35.3	A			42.9	A			40.0	A		
Country Club (West) to Rantoul Ln.	40.2	A			41.1	A			37.9	A			37.9	A			36.9	A			36.0	A		
Rantoul Ln. to Oregon Ave.	31.7	B			36.7	A			34.2	B			33.2	B			41.0	A			37.8	A		
Oregon Ave. to Bright Meadow Dr.	37.8	A			39.8	A			38.4	A			39.8	A			38.0	A			37.6	A		
Bright Meadow Dr. to Rinehart Rd.	18.7	D	30.2	B	20.2	D	32.3	B	19.3	D	31.5	B	22.7	C	32.5	B	14.8	E	29.5	B	19.6	D	32.0	B
Rinehart Rd. to I-4 EB Ramps	31.5	B			26.5	C			20.5	D			14.5	E			31.0	B			33.3	B		
I-4 EB Ramps to I-4 WB Ramps	30.3	B			24.5	C			25.7	C			26.6	C			33.7	B			34.5	B		
I-4 WB Ramps to International Blvd.	28.2	B			22.6	C			18.2	D			10.2	F			9.2	F			11.0	F		
International Blvd. to Orange Blvd.	31.9	B	30.4	B	26.1	C	24.8	C	25.7	C	22.5	C	24.7	C	17.2	D	25.4	C	19.1	D	20.2	D	19.8	D
Average			30.6	B			29.6	B			29.5	B			27.6	C			29.0	B			29.1	B
PM PEAK HOUR																								
US 17/92 to Grenada Ave.	30.6	B			28.5	B			34.5	A			36.8	A			38.0	A			35.6	A		
Grenada Ave. to Hartwell Ave.	38.7	A			30.6	B			32.6	B			34.9	B			33.3	B			32.6	B		
Hartwell Ave. to Georgia Ave.	20.3	D			30.0	B			36.0	A			36.0	A			40.0	A			40.0	A		
Georgia Ave. to Ridgewood Ave.	20.0	D			29.1	B			21.3	D			15.0	E			28.2	B			25.3	C		
Ridgewood Ave. to Hardy Ave.	36.8	A			33.0	B			37.7	A			40.0	A			41.2	A			38.8	A		
Hardy Ave. to RR Tracks	38.5	A			33.1	B			38.6	A			40.5	A			27.9	C			37.7	A		
RR Tracks to Old Lake Mary Rd.	23.0	C			14.3	E			12.8	F			20.7	D			37.5	A			14.6	E		
Old Lake Mary Rd. to Airport Blvd.	23.4	C	29.3	B	18.5	D	26.0	C	21.1	D	27.4	C	16.0	E	26.2	C	33.3	B	33.5	B	23.4	C	29.3	B
Airport Blvd. to SR 417 NB	15.5	E			15.6	E			29.2	B			36.8	A			28.5	B			34.5	B		
SR 417 NB to SR 417 SB	32.4	B			28.8	B			31.3	B			24.0	C			40.0	A			37.9	A		
SR 417 SB to Casa Verde Blvd.	40.8	A			39.2	A			32.9	B			37.8	A			39.2	A			35.2	A		
Casa Verde Blvd. to Country Club (East)	39.9	A			40.0	A			48.0	A			40.0	A			51.4	A			48.0	A		
Country Club (East) to Vihlen Rd.	13.8	E			18.5	D			26.7	C			26.7	C			18.5	D			24.0	C		
Vihlen Rd. to Upsala Rd.	29.1	B			32.3	B			31.2	B			28.8	B			21.7	D			17.5	D		
Upsala Rd. to Country Club (West)	27.8	C			25.0	C			37.5	A			35.3	A			35.3	A			35.3	A		
Country Club (West) to Rantoul Ln.	40.4	A			37.9	A			38.9	A			37.9	A			31.3	B			35.1	A		
Rantoul Ln. to Oregon Ave.	37.0	A			28.0	C			33.7	B			32.8	B			28.3	B			28.6	B		
Oregon Ave. to Bright Meadow Dr.	41.2	A			39.8	A			38.4	A			37.6	A			38.0	A			35.3	A		
Bright Meadow Dr. to Rinehart Rd.	16.8	E	26.6	C	19.8	D	27.2	C	14.7	E	27.3	C	20.1	D	29.5	B	16.2	E	25.5	C	21.1	D	26.4	C
Rinehart Rd. to I-4 EB Ramps	18.5	D			20.5	D			18.0	D			20.0	D			19.1	D			32.1	B		
I-4 EB Ramps to I-4 WB Ramps	29.1	B			28.9	B			32.4	B			36.0	A			27.9	C			31.8	B		
I-4 WB Ramps to International Blvd.	11.7	F			13.1	E			28.7	B			18.9	D			10.7	F			10.1	F		
International Blvd. to Orange Blvd.	19.1	D	18.1	D	20.9	D	19.6	D	19.1	D	23.6	C	19.6	D	22.4	C	18.6	D	17.2	D	17.1	D	17.8	D
Average			25.4	C			25.4	C			26.7	C			27.2	C			25.3	C			25.2	C

TABLE C9.1a
Year 2014 Seminole County Travel Time & Delay Study
Dean Road - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
Orange County Line to SR 426	0.64	----	----	----	----	----	----	----	----	----	----	----	----	18.4	D	18.4	D	24.3	C	24.3	C	22.5	C	22.5	C	17.5	D	17.5	D	19.0	D	19.0	D	23.1	C	23.1	C	24.2	C	24.2	C
Average																18.4	D			24.3	C			22.5	C			17.5	D			19.0	D			23.1	C			24.2	C
PM PEAK HOUR																																									
Orange County Line to SR 426	0.64	----	----	----	----	----	----	----	----	----	----	----	----	22.9	C	22.9	C	20.6	D	20.6	D	24.5	C	24.5	C	17.9	D	17.9	D	19.5	D	19.5	D	14.8	E	14.8	E	16.9	E	16.9	E
Average																22.9	C			20.6	D			24.5	C			17.9	D			19.5	D			14.5	E			16.9	E

TABLE C9.1b
Year 2014 Seminole County Travel Time & Delay Study
Dean Road - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
SR 426 to Orange County Line	0.64	----	----	----	----	----	----	----	----	----	----	----	----	29.1	B	29.1	B	33.7	B	33.7	B	33.7	B	33.7	B	29.5	B	29.5	B	29.8	B	29.8	B	34.9	B	34.9	B	32.8	B	32.8	B
Average																29.1	B			33.7	B			33.7	B			29.5	B			29.8	B			34.9	B			32.8	B
PM PEAK HOUR																																									
SR 426 to Orange County Line	0.64	----	----	----	----	----	----	----	----	----	----	----	----	24.6	C	24.6	C	37.3	A	37.3	A	35.6	A	35.6	A	32.0	B	32.0	B	33.1	B	33.1	B	34.0	B	34.0	B	33.1	B	33.1	B
Average																24.6	C			37.3	A			35.6	A			32.0	B			33.1	B			34.0	B			33.1	B

TABLE C10.1a
Year 2014 Seminole County Travel Time & Delay Study
Dodd Road - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS
AM PEAK HOUR																	
Howell Branch Rd. to Dike Rd.	1.08	----	----	----	----	----	----	----	----	----	----	----	----	34.6	B		
Dike Rd. to Red Bug Lake Rd.	0.75	----	----	----	----	----	----	----	----	----	----	----	----	33.8	B	34.3	B
Average																34.3	B
PM PEAK HOUR																	
Howell Branch Rd. to Dike Rd.	1.08	----	----	----	----	----	----	----	----	----	----	----	----	34.6	B		
Dike Rd. to Red Bug Lake Rd.	0.75	----	----	----	----	----	----	----	----	----	----	----	----	26.8	C	30.9	B
Average																30.9	B

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS
AM PEAK HOUR																
Howell Branch Rd. to Dike Rd.	----	----	----	----	----	----	----	----	27.8	C			30.0	B		
Dike Rd. to Red Bug Lake Rd.	----	----	----	----	----	----	----	----	25.8	C	27.0	C	26.5	C	28.5	B
Average											27.0	C			28.5	B
PM PEAK HOUR																
Howell Branch Rd. to Dike Rd.	----	----	----	----	----	----	----	----	32.0	B			31.1	B		
Dike Rd. to Red Bug Lake Rd.	----	----	----	----	----	----	----	----	18.1	D	24.4	C	21.6	D	26.4	C
Average											26.0	C			26.4	C

Roadway Segments	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR								
Howell Branch Rd. to Dike Rd.	28.9	B			30.0	B		
Dike Rd. to Red Bug Lake Rd.	20.5	D	24.8	C	23.4	C	26.9	C
Average			24.8	C			26.9	C
PM PEAK HOUR								
Howell Branch Rd. to Dike Rd.	34.0	B			31.3	B		
Dike Rd. to Red Bug Lake Rd.	18.7	D	25.5	C	24.5	C	28.1	B
Average			25.5	C			28.1	B

TABLE C10.1b
Year 2014 Seminole County Travel Time & Delay Study
Dodd Road - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS
AM PEAK HOUR																	
Red Bug Lake Rd. to Dike Rd.	0.77	----	----	----	----	----	----	----	----	----	----	----	----	30.6	B		
Dike Rd. to Howell Branch Rd.	1.08	----	----	----	----	----	----	----	----	----	----	----	----	37.6	A	34.3	B
Average																34.3	B
PM PEAK HOUR																	
Red Bug Lake Rd. to Dike Rd.	0.77	----	----	----	----	----	----	----	----	----	----	----	----	36.6	A		
Dike Rd. to Howell Branch Rd.	1.08	----	----	----	----	----	----	----	----	----	----	----	----	38.0	A	37.4	A
Average																37.4	A

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS
AM PEAK HOUR																
Red Bug Lake Rd. to Dike Rd.	----	----	----	----	----	----	----	----	27.8	C			32.1	B		
Dike Rd. to Howell Branch Rd.	----	----	----	----	----	----	----	----	32.5	B	30.4	B	35.3	A	33.9	B
Average											30.4	B			33.9	B
PM PEAK HOUR																
Red Bug Lake Rd. to Dike Rd.	----	----	----	----	----	----	----	----	36.5	A			30.4	B		
Dike Rd. to Howell Branch Rd.	----	----	----	----	----	----	----	----	28.6	B	31.3	B	35.7	A	33.3	B
Average											31.3	B			33.3	B

Roadway Segments	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR								
Red Bug Lake Rd. to Dike Rd.	33.5	B			26.7	C		
Dike Rd. to Howell Branch Rd.	31.4	B	32.3	B	33.2	B	30.2	B
Average			32.3	B			30.2	B
PM PEAK HOUR								
Red Bug Lake Rd. to Dike Rd.	30.8	B			32.3	B		
Dike Rd. to Howell Branch Rd.	35.7	A	33.5	B	38.1	A	35.5	A
Average			33.5	B			35.5	A

Note : Data was collected only in Year 2008

TABLE C11.1a
Year 2014 Seminole County Travel Time & Delay Study
Dog Track Road / Seminola Boulevard/Lake Drive - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS
AM PEAK HOUR													
CR 427 to Molly Loop	0.35	33.5	B			26.6	C			33.4	B		
Molly Loop to Northland Church	0.24									45.2	A		
Northland Church to US 17/92	0.13	20.2	D	23.4	C	23.2	C	24.3	C	11.4	F	22.3	C
US 17/92 to Button Rd.	0.27	24.2	C			13.3	E			16.3	E		
Button Rd. to Lake Kathryn Cir.	0.42	38.2	A			38.4	A			38.3	A		
Lake Kathryn Cir. to Triplet Dr.	0.24					43.7	A			40.6	A		
Triplet Dr. to Winter Park Dr.	0.38	23.1	C	26.7	C	17.9	D	22.6	C	21.5	D	25.5	C
Winter Park Dr. to Lake Dr./Seminola Dr.	0.42	35.6	A	35.6	A	23.5	C	23.5	C	29.2	B	29.2	B
Lake Dr./Seminola Dr. to Park Dr.	0.30	30.6	A			31.2	A			Under Construction			
Park Dr. to East Lake Dr.*	0.28	36.9	A			34.2	A			Under Construction			
East Lake Dr. to Beverly Rd.**	0.59	39.9	A			37.8	A			Under Construction			
Beverly Rd. to Bird Rd.	0.41	32.8	A	35.3	A	33.3	A	34.5	A	Under Construction			
Bird Rd. to Center Dr.	0.21	30.4	A			28.5	B			Under Construction			
Center Dr. to Huntridge Dr.	0.79									Under Construction			
Huntridge Dr. to Tuskawilla Rd.	0.09	28.4	B	28.8	B	36.8	A	34.8	A	Under Construction			
Average				29.6	A			24.0	A			NA	NA
PM PEAK HOUR													
CR 427 to Molly Loop	0.35	33.0	B			35.4	A			37.2	A		
Molly Loop to Northland Church	0.24									45.6	A		
Northland Church to US 17/92	0.13	12.5	F	16.0	E	14.1	E	17.7	D	7.4	F	17.0	D
US 17/92 to Button Rd.	0.27	31.6	B			17.6	D			25.2	C		
Button Rd. to Lake Kathryn Cir.	0.42	38.8	A			34.1	B			41.5	A		
Lake Kathryn Cir. to Triplet Dr.	0.24					43.3	A			43.6	A		
Triplet Dr. to Winter Park Dr.	0.38	26.1	C	30.4	B	22.1	C	25.9	C	27.5	C	32.6	B
Winter Park Dr. to Lake Dr./Seminola Dr.	0.42	28.6	B	28.6	B	36.3	A	36.3	A	27.9	C	27.9	C
Lake Dr./Seminola Dr. to Park Dr.	0.30	31.1	A			31.6	A			Under Construction			
Park Dr. to East Lake Dr.*	0.28	37.2	A			35.6	A			Under Construction			
East Lake Dr. to Beverly Rd.**	0.59	39.1	A			36.6	A			Under Construction			
Beverly Rd. to Bird Rd.	0.41	31.6	A	34.9	A	30.9	A	33.8	A	Under Construction			
Bird Rd. to Center Dr.	0.21	30.7	A			31.7	A			Under Construction			
Center Dr. to Huntridge Dr.	0.79									Under Construction			
Huntridge Dr. to Tuskawilla Rd.	0.09	31.4	A	31.3	A	32.1	A	32.0	A	Under Construction			
Average				28.6	A			28.5	A			NA	NA

Roadway Segments	Distance (mile)	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS
AM PEAK HOUR													
CR 427 to Molly Loop	0.35	35.9	A			34.1	B			35.7	A		
Molly Loop to Northland Church	0.24	42.2	A			42.9	A			40.0	A		
Northland Church to US 17/92	0.13	10.9	F	21.5	D	7.7	F	17.2	D	5.8	F	15.3	E
US 17/92 to Button Rd.	0.27	20.1	D			18.1	D			18.0	D		
Button Rd. to Lake Kathryn Cir.	0.42	41.0	A			39.1	A			36.0	A		
Lake Kathryn Cir. to Triplet Dr.	0.24	33.4	B			41.6	A			32.0	B		
Triplet Dr. to Winter Park Dr.	0.38	15.1	E	23.4	C	21.0	D	26.4	C	20.2	D	24.7	C
Winter Park Dr. to Lake Dr./Seminola Dr.	0.42	29.8	B	29.8	B	30.8	B	30.8	B	26.7	C	26.7	C
Lake Dr./Seminola Dr. to Park Dr.	0.30												
Park Dr. to East Lake Dr.*	0.28	43.9	A			44.7	A			33.3	B		
East Lake Dr. to Beverly Rd.**	0.59												
Beverly Rd. to Bird Rd.	0.41	40.2	A			46.2	A			35.0	B		
Bird Rd. to Center Dr.	0.21												
Center Dr. to Huntridge Dr.	0.79												
Huntridge Dr. to Tuskawilla Rd.	0.09	30.8	B	36.9	B	39.8	A	43.1	A	27.0	C	30.9	B
Average				29.2	B			30.8	B			25.2	C
PM PEAK HOUR													
CR 427 to Molly Loop	0.35	35.4	A			35.1	A			36.6	A		
Molly Loop to Northland Church	0.24	29.3	B			42.2	A			40.9	A		
Northland Church to US 17/92	0.13	13.9	E	22.7	C	8.8	F	18.8	D	12.4	F	24.7	C
US 17/92 to Button Rd.	0.27	15.4	E			18.6	D			16.5	E		
Button Rd. to Lake Kathryn Cir.	0.42	40.5	A			38.9	A			36.5	A		
Lake Kathryn Cir. to Triplet Dr.	0.24	38.1	A			39.8	A			31.3	B		
Triplet Dr. to Winter Park Dr.	0.38	24.3	C	26.1	C	19.4	D	25.6	C	21.7	D	24.7	C
Winter Park Dr. to Lake Dr./Seminola Dr.	0.42	23.7	C	23.7	C	30.6	B	30.6	B	31.9	B	31.9	B
Lake Dr./Seminola Dr. to Park Dr.	0.30												
Park Dr. to East Lake Dr.*	0.28	44.6	A			35.5	A			35.0	A		
East Lake Dr. to Beverly Rd.**	0.59												
Beverly Rd. to Bird Rd.	0.41	41.8	A			46.1	A			36.3	A		
Bird Rd. to Center Dr.	0.21												
Center Dr. to Huntridge Dr.	0.79												
Huntridge Dr. to Tuskawilla Rd.	0.09	34.9	B	39.6	A	38.6	A	39.2	A	36.2	A	35.9	A
Average				30.8	B			29.9	B			30.1	B

Roadway Segments	Distance (mile)	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																	
CR 427 to Molly Loop	0.35	31.9	B			35.7	A			34.1	B			35.7	A		
Molly Loop to Northland Church	0.24	40.5	A			39.5	A			40.5	A			38.7	A		
Northland Church to US 17/92	0.13	7.6	F	17.9	D	9.2	F	20.5	D	8.2	F	19.1	D	8.6	F	19.6	D
US 17/92 to Button Rd.	0.27	24.2	C			22.8	C			17.2	D			17.4	D		
Button Rd. to Lake Kathryn Cir.	0.42	36.0	A			36.0	A			36.0	A			36.5	A		
Lake Kathryn Cir. to Triplet Dr.	0.24	38.9	A			36.9	A			36.9	A			30.6	B		
Triplet Dr. to Winter Park Dr.	0.38	18.5	D	26.5	C	33.5	B	31.7	B	16.1	E	22.8	C	24.3	C	25.9	C
Winter Park Dr. to Lake Dr./Seminola Dr.	0.42	28.6	B	28.6	B	28.6	B	28.6	B	24.2	C	24.2	C	29.6	B	29.6	B
Lake Dr./Seminola Dr. to Park Dr.	0.30																
Park Dr. to East Lake Dr.*	0.28	43.0	A			40.4	A			40.1	A			42.4	A		
East Lake Dr. to Beverly Rd.**	0.59																
Beverly Rd. to Bird Rd.	0.41	43.6	A			41.5	A			41.5	A			42.8	A		
Bird Rd. to Center Dr.	0.21																
Center Dr. to Huntridge Dr.	0.79																
Huntridge Dr. to Tuskawilla Rd.	0.09	31.3	B	37.8	A	35.8	A	38.8	A	32.5	B	37.1	A	39.4	A	41.3	A
Average				29.3	B			32.0	B			27.9	C			30.9	B
PM PEAK HOUR																	
CR 427 to Molly Loop	0.35	34.9	B			36.6	A			35.7	A			35.7	A		
Molly Loop to Northland Church	0.24	37.8	A			40.5	A			38.7	A			39.5	A		
Northland Church to US 17/92	0.13	11.3	F	22.8	C	5.2	F	14.1	E	6.6	F	16.4	E	5.7	F	15.1	E
US 17/92 to Button Rd.	0.27	19.3	D			20.2	D			18.8	D			21.6	D		
Button Rd. to Lake Kathryn Cir.	0.42	36.5	A			37.1	A			35.5	A			36.5	A		
Lake Kathryn Cir. to Triplet Dr.	0.24	37.9	A			37.9	A			37.9	A			33.5	B		
Triplet Dr. to Winter Park Dr.	0.38	30.8	B	29.7	B	26.8	C	29.0	B	19.8	D	25.4	C	20.0	D	26.1	C
Winter Park Dr. to Lake Dr./Seminola Dr.	0.42	24.7	C	24.7	C	21.9	D	21.9	D	24.0	C	24.0	C	26.0	C	26.0	C
Lake Dr./Seminola Dr. to Park Dr.	0.30																
Park Dr. to East Lake Dr.*	0.28	42.1	A			41.2	A			40.9	A			41.2	A		
East Lake Dr. to Beverly Rd.**	0.59																
Beverly Rd. to Bird Rd.	0.41	43.2	A			43.6	A			42.4	A			43.2	A		
Bird Rd. to Center Dr.	0.21																
Center Dr. to Huntridge Dr.	0.79																
Huntridge Dr. to Tuskawilla Rd.	0.09	31.0	B	37.3	A	38.2	A	40.6	A	34.2	B	38.4	A	36.0	A	39.5	A
Average				31.2	B			28.3	B			28.1	B			28.3	B

Note: * Till Year 2007, the segment limits Park Dr to E. Lake Dr was used to be Park Dr to Sterling Oaks Dr

Note:** Till Year 2007, the segment limits to E. Lake Dr to Beverly Rd was used to be Sterling Oaks Dr to Beverly Rd

TABLE C11.1b
Year 2014 Seminole County Travel Time & Delay Study
Dog Track Road / Seminola Boulevard/Lake Drive - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																																									
Tuskawilla Rd. to Huntridge Dr.	0.08									Under Construction																															
Huntridge Dr. to Center Dr.	0.78	37.6	A			36.2	A			Under Construction																															
Center Dr. to Bird Rd.	0.21	11.1	E	25.9	B	14.9	D	28.4	B	Under Construction				38.0	A			42.3	A			40.5	A			42.9	A			40.4	A			40.4	A			40.9	A		
Bird Rd. to Beverly Rd.	0.41	32.0	A			32.0	A			Under Construction																															
Beverly Rd. to East Lake Dr.**	0.60	38.6	A			38.8	A			Under Construction				41.8	A			46.4	A			38.9	A			44.5	A			42.4	A			44.1	A			42.8	A		
East Lake Dr. to Park Dr.*	0.27	35.0	A			37.5	A			Under Construction																															
Park Dr. to Lake Dr./Seminola Dr.	0.32	24.5	B	32.7	A	34.5	A	35.7	A	Under Construction				40.2	A	39.8	A	38.2	A	41.6	A	24.7	C	33.7	B	41.8	A	42.9	A	38.4	A	40.1	A	38.6	A	40.6	A	34.2	B	38.6	A
Lake Dr./Seminola Dr. to Winter Park Dr.	0.42	19.2	D	19.2	D	26.7	C	26.7	C	19.5	D	19.5	D	20.5	D	20.5	D	25.5	C	25.5	C	22.6	C	22.6	C	18.1	D	18.1	D	33.6	B	33.6	B	19.2	D	19.2	D	23.3	C	23.3	C
Winter Park Dr. to Triplet Dr.	0.38					39.3	A			35.0	B			38.8	A			40.1	A			35.5	A			35.6	A			38.6	A			36.2	A			37.4	A		
Triplet Dr. to Lake Kathryn Cir.	0.25	39.6	A			43.2	A			42.4	A			42.9	A			42.7	A			40.0	A			40.0	A			40.0	A			37.9	A			37.9	A		
Lake Kathryn Cir. to Button Rd.	0.40	36.6	A			41.7	A			37.3	A			39.1	A			41.0	A			39.4	A			40.0	A			38.8	A			38.8	A			38.2	A		
Button Rd. to US 17-92	0.27	11.9	F	26.4	C	9.3	F	24.3	C	13.5	E	27.4	C	9.6	F	24.2	C	8.9	F	23.7	C	9.3	F	23.3	C	10.5	F	24.8	C	8.5	F	22.4	C	6.6	F	19.0	D	6.9	F	19.6	D
US 17/92 to Northland Church	0.25									32.7	B			35.6	A			36.1	A			32.4	B			34.3	B			33.3	B			33.3	B			33.3	B		
Northland Church to Molly Loop	0.14	36.4	A			38.4	A			37.7	A			41.5	A			41.4	A			38.3	A			38.7	A			37.8	A			38.7	A			37.8	A		
Molly Loop to CR 427	0.33	23.9	C	31.4	B	15.8	E	26.7	C	23.3	C	30.2	B	14.3	E	25.3	C	27.2	C	34.3	B	12.6	F	22.2	C	18.1	D	27.2	C	21.7	D	29.4	B	31.9	B	34.7	B	30.0	B	33.6	B
Average				27.8	C			28.9	B			NA	NA			30.2	B			32.8	B			27.4	C			31.2	B			31.7	B			29.1	B			29.4	B
PM PEAK HOUR																																									
Tuskawilla Rd. to Huntridge Dr.	0.08									Under Construction																															
Huntridge Dr. to Center Dr.	0.78	36.7	A			37.9	A			Under Construction																															
Center Dr. to Bird Rd.	0.21	24.6	B	33.6	A	24.3	B	34.2	A	Under Construction				39.1	A			42.6	A			39.8	A			41.4	A			40.6	A			40.6	A			41.7	A		
Bird Rd. to Beverly Rd.	0.41	34.9	A			32.3	A			Under Construction																															
Beverly Rd. to East Lake Dr.**	0.60	40.2	A			38.0	A			Under Construction				41.9	A			45.3	A			38.9	A			44.1	A			43.2	A			43.2	A			43.2	A		
East Lake Dr. to Park Dr.*	0.27	34.8	A			37.4	A			Under Construction																															
Park Dr. to Lake Dr./Seminola Dr.	0.32	26.3	B	34.5	A	32.6	A	35.2	A	Under Construction				35.0	B	38.4	A	33.2	B	39.4	A	25.1	C	33.7	B	39.9	A	41.5	A	39.6	A	40.9	A	40.1	A	41.1	A	38.1	A	40.7	A
Lake Dr./Seminola Dr. to Winter Park Dr.	0.42	24.5	C	24.5	C	34.2	B	34.2	B	25.6	C	25.6	C	30.9	B	30.9	B	20.0	D	20.0	D	25.9	C	25.9	C	23.6	C	23.6	C	28.3	B	28.3	B	20.5	D	20.5	D	24.5	C	24.5	C
Winter Park Dr. to Triplet Dr.	0.38					38.2	A			47.1	A			36.6	A			29.6	B			37.7	A			37.4	A			36.8	A			36.2	A			36.8	A		
Triplet Dr. to Lake Kathryn Cir.	0.25	41.5	A			43.3	A			53.5	A			40.5	A			43.0	A			41.1	A			38.9	A			37.9	A			40.0	A			37.9	A		
Lake Kathryn Cir. to Button Rd.	0.40	41.1	A			39.6	A			49.4	A			38.3	A			40.7	A			31.5	B			36.0	A			38.8	A			39.4	A			35.5	A		
Button Rd. to US 17-92	0.27	14.3	E	29.8	B	10.0	F	24.8	C	8.0	F	24.0	C	12.1	F	26.6	C	14.8	E	28.0	C	7.2	F	19.7	D	6.3	F	18.5	D	11.2	F	25.4	C	9.4	F	23.4	C	9.9	F	23.5	C
US 17/92 to Northland Church	0.25									33.8	B			32.4	B			16.5	E			34.3	B			33.3	B			35.3	A			32.4	B			33.3	B		
Northland Church to Molly Loop	0.14	36.1	A			36.1	A			42.9	A			41.3	A			36.7	A			39.1	A			34.8	B			37.8	A			37.0	A			38.7	A		
Molly Loop to CR 427	0.33	17.1	D	27.0	C	24.3	C	31.4	B	32.8	B	36.2	A	18.3	D	27.9	C	18.1	D	21.1	D	14.6	E	24.5	C	12.5	F	21.6	D	18.1	D	27.2	C	21.4	D	28.8	B	34.9	B	35.8	A
Average				31.0	B			31.3	B			NA	NA			32.5	B			30.2	B			26.7	C			27.6	C			32.5	B			30.9	B			32.4	B

Note: * Till Year 2007, the segment limits Park Dr to E. Lake Dr was used to be Park Dr to Sterling Oaks Dr

Note:** Till Year 2007, the segment limits to E. Lake Dr to Beverly Rd was used to be Sterling Oaks Dr to Beverly Rd

TABLE C12.1a
Year 2014 Seminole County Travel Time & Delay Study
Douglas Avenue - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS
AM PEAK HOUR																	
SR 436 to Westmonte Ave.	0.30	29.5	B			25.2	B			26.9	B			27.2	B		
Westmonte Ave. to Central Pkwy.	0.44	14.2	D	18.4	C	15.3	D	18.2	C	14.1	D	17.8	D	18.3	C	21.1	C
Central Pkwy. to Citrus St.	0.12	31.4	A			18.5	C			13.5	E			30.6	A		
Citrus St. to North St.	0.62	37.9	A	36.5	A	34.9	A	30.0	A	40.0	A	29.4	B	34.4	A	33.7	A
North St. to New Signal-Douglas Ave.	0.40	13.3	E	13.3	E	18.2	C	18.2	C	14.5	D	14.5	D	18.7	C	18.7	C
New Signal-Douglas Ave. to SR 434																	
Average				21.1	C			21.7	C			20.1	C			24.3	B
PM PEAK HOUR																	
SR 436 to Westmonte Ave.	0.30	18.1	C			11.3	E			20.9	C			18.8	C		
Westmonte Ave. to Central Pkwy.	0.44	9.7	F	12.1	E	8.4	F	9.4	F	7.5	F	10.4	E	11.5	E	13.7	E
Central Pkwy. to Citrus St.	0.12	30.8	A			23.8	C			29.2	B			27.3	B		
Citrus St. to North St.	0.62	36.0	A	34.9	A	35.5	A	32.6	A	35.6	A	34.3	A	35.6	A	33.7	A
North St. to New Signal-Douglas Ave.	0.40	10.9	E	10.9	E	10.9	E	10.9	E	9.0	F	9.0	F	8.7	F	8.7	F
New Signal-Douglas Ave. to SR 434																	
Average				16.1	D			13.8	E			13.9	E			15.8	D

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																								
SR 436 to Westmonte Ave.	32.1	A			31.0	A			27.8	B			27.0	B			29.1	B			27.0	B		
Westmonte Ave. to Central Pkwy.	15.6	D	20.1	C	24.2	B	26.7	B	16.8	D	20.2	C	17.9	D	20.9	C	15.8	D	19.7	C	13.4	E	17.0	D
Central Pkwy. to Citrus St.	30.6	A			31.2	A			27.9	B			27.9	B			31.2	A			22.3	C		
Citrus St. to North St.	34.4	A	33.6	A	34.7	A	34.0	A	31.5	A	30.8	A	33.5	A	32.4	A	32.9	A	32.6	A	29.1	B	27.6	B
North St. to New Signal-Douglas Ave.	36.8	A			38.2	A			32.9	A			32.9	A			30.7	A			27.1	B		
New Signal-Douglas Ave. to SR 434	15.4	D	24.0	B	5.8	F	10.7	E	5.3	F	10.8	E	7.3	F	13.8	E	4.2	F	8.8	F	5.4	F	10.5	E
Average			25.0	B			21.8	C			19.4	C			21.7	C			18.0	C			17.5	D
PM PEAK HOUR																								
SR 436 to Westmonte Ave.	25.1	B			24.6	B			16.6	D			21.3	C			25.9	B			23.7	C		
Westmonte Ave. to Central Pkwy.	19.2	C	21.4	C	10.7	E	14.1	D	8.2	F	10.5	E	9.9	F	12.8	E	13.8	E	17.2	D	12.5	E	15.7	D
Central Pkwy. to Citrus St.	31.1	A			33.9	A			30.0	B			30.0	B			25.2	B			28.9	B		
Citrus St. to North St.	31.2	A	31.2	A	36.7	A	36.2	A	32.6	A	32.1	A	33.8	A	33.1	A	34.4	A	32.4	A	32.3	A	31.7	A
North St. to New Signal-Douglas Ave.	33.1	A			32.3	A			25.6	B			22.3	C			20.9	C			18.9	C		
New Signal-Douglas Ave. to SR 434	6.1	F	12.5	E	3.3	F	6.3	F	3.7	F	7.7	F	5.4	F	10.0	F	5.4	F	9.8	F	5.1	F	9.1	F
Average			21.3	C			14.0	E			13.0	E			15.8	D			17.8	D			16.6	D

TABLE C12.1b
Year 2014 Seminole County Travel Time & Delay Study
Douglas Avenue - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS
AM PEAK HOUR																	
SR 434 to New Signal-Douglas Ave.	0.39	28.4	B	28.4	B	28.8	B	28.8	B	32.2	A	32.2	A	30.0	B	30.0	B
New Signal-Douglas Ave. to North St.																	
North St. to Citrus St.	0.62	32.8	A			24.8	B			23.0	C			35.5	A		
Citrus St. to Central Pkwy.	0.14	6.6	F	20.3	C	6.0	F	16.7	D	4.9	F	14.7	D	6.5	F	21.2	C
Central Pkwy. to Westmonte Dr.	0.42	21.6	C			20.7	C			17.2	D			18.1	C		
Westmonte Dr. to SR 436	0.32	10.5	E	15.0	D	12.0	E	16.0	D	11.0	E	14.0	D	10.3	E	13.9	E
Average				18.8	C			17.9	D			16.3	D			18.4	C
PM PEAK HOUR																	
SR 434 to New Signal-Douglas Ave.	0.39	31.7	A	31.7	A	32.9	A	32.9	A	31.9	A	31.9	A	29.9	B	29.9	B
New Signal-Douglas Ave. to North St.																	
North St. to Citrus St.	0.62	33.8	A			36.4	A			34.6	A			34.5	A		
Citrus St. to Central Pkwy.	0.14	13.8	E	27.7	B	6.5	F	21.1	C	6.7	F	21.1	C	6.2	F	20.3	C
Central Pkwy. to Westmonte Dr.	0.42	17.5	D			21.8	C			21.4	C			15.0	D		
Westmonte Dr. to SR 436	0.32	8.6	F	12.3	E	9.2	F	13.9	E	10.6	E	15.1	D	11.8	E	13.5	E
Average				18.9	C			18.6	C			19.5	C			17.8	D

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																								
SR 434 to New Signal-Douglas Ave.	20.2	C			25.7	B			23.7	C			20.0	C			30.0	B			23.7	C		
New Signal-Douglas Ave. to North St.	32.2	A	26.1	B	29.3	B	27.5	B	28.7	B	26.5	B	33.7	A	26.5	B	25.6	B	27.1	B	30.0	B	27.1	B
North St. to Citrus St.	34.4	A			34.7	A			32.1	A			29.1	B			32.1	A			28.0	B		
Citrus St. to Central Pkwy.	7.7	F	22.5	C	8.0	F	22.0	C	11.5	E	24.5	B	7.7	F	19.7	C	4.7	F	15.9	D	5.8	F	16.8	D
Central Pkwy. to Westmonte Dr.	32.0	A			26.5	B			21.1	C			25.3	B			24.3	B			19.3	C		
Westmonte Dr. to SR 436	11.8	E	18.9	C	15.5	D	20.3	C	7.7	F	12.1	E	8.8	F	14.1	D	6.5	F	11.2	E	8.7	F	12.7	E
Average			21.5	C			22.2	C			17.6	D			17.8	D			14.7	D			16.0	D
PM PEAK HOUR																								
SR 434 to New Signal-Douglas Ave.	26.8	B			30.0	B			14.3	D			20.0	C			23.1	C			18.7	C		
New Signal-Douglas Ave. to North St.	33.0	A	30.2	A	31.5	A	30.8	A	31.4	A	21.3	C	30.0	B	25.1	B	32.9	A	28.1	B	30.0	B	24.3	B
North St. to Citrus St.	35.7	A			34.7	A			32.1	A			32.9	A			30.2	A			23.4	C		
Citrus St. to Central Pkwy.	9.5	F	25.2	B	11.3	E	25.6	B	9.6	F	22.8	C	6.7	F	19.6	C	6.0	F	17.9	D	4.9	F	14.1	D
Central Pkwy. to Westmonte Dr.	25.4	B			23.6	C			24.1	B			25.8	B			20.6	C			21.7	C		
Westmonte Dr. to SR 436	21.2	C	23.5	C	10.1	E	14.9	D	12.2	E	17.0	D	9.9	F	15.3	D	11.4	E	15.3	D	12.2	E	16.2	D
Average			25.4	B			20.6	C			19.8	C			18.3	C			18.0	D			16.3	D

TABLE C13.1a
Year 2014 Seminole County Travel Time & Delay Study
Howell Branch Road - Eastbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
Orange County Line/Lakemont Ave. to Lake Howell Rd.	0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.7	E			12.3	F			15.0	E			19.5	D			20.3	D		
Lake Howell Rd. to Plaza Entrance	0.32	28.6	B			30.9	B			40.0	A			40.9	A			34.6	B			38.3	A			34.4	B			35.8	A			25.5	C			36.5	A		
Plaza Entrance to SR 436	0.20	11.4	F	18.2	D	6.8	F	13.1	E	14.1	E	23.1	C	10.6	F	19.1	D	12.6	F	20.4	D	20.7	D	23.1	C	10.7	F	16.0	E	9.0	F	16.1	E	5.7	F	12.8	F	10.8	F	19.5	D
SR 436 to Eastbrook Blvd.	0.80	34.4	B	34.4	B	39.3	A	39.3	A	39.8	A	39.8	A	38.9	A	38.9	A	43.4	A	43.4	A	39.5	A	39.5	A	36.8	A	36.8	A	32.2	B	32.2	B	34.0	B	34.0	B	35.0	B	35.0	B
Eastbrook Blvd. to Dike Rd.	0.47	22.7	C			26.8	C			22.2	C			24.1	C			36.6	A			37.1	A			27.4	C			26.1	C			21.0	D			28.2	B		
Dike Rd. to Emergency Signal	0.44	36.7				40.5	A			45.0	A			44.3	A			44.3	A			39.7	A			38.0	A			39.1	A			38.6	A			39.1	A		
Emergency signal to Dodd Rd.	0.25	36.7	A	29.3	B	31.8	B	32.0	B	41.1	A	31.4	B	36.9	A	32.1	B	37.9	A	39.5	A	31.3	B	36.6	A	28.8	B	31.1	B	34.3	B	31.8	B	27.2	C	27.1	C	28.8	B	31.8	B
Dodd Rd. to Old Howell Branch Rd.	0.33	34.8	B			35.5	A			31.3	B			39.3	A			36.6	A			22.3	C			26.8	C			29.1	B			32.4	B			37.8	A		
Old Howell Branch Rd. to SR 426	0.54	15.4	E	19.9	D	12.5	F	16.8	E	16.0	E	19.9	D	13.3	E	18.2	D	13.9	E	18.6	D	14.3	E	16.7	E	11.1	F	14.3	E	11.9	F	15.4	E	15.7	E	19.6	D	14.4	E	18.9	D
Average				24.8	C			22.8	C			27.2	C			25.4	C			27.9	C			26.2	C			21.5	D			21.8	D			21.2	D			24.9	C
PM PEAK HOUR																																									
Orange County Line/Lakemont Ave. to Lake Howell Rd.	0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.1	F			10.6	F			14.1	E			8.7	F			11.6	F		
Lake Howell Rd. to Plaza Entrance	0.32	14.9	E			21.0	D			15.1	E			17.3	D			25.4	C			26.9	C			20.9	D			26.2	C			29.1	B			34.4	B		
Plaza Entrance to SR 436	0.20	5.4	F	8.9	F	7.2	F	12.1	F	6.7	F	10.1	F	10.5	F	13.8	E	11.9	F	17.4	D	11.5	F	14.7	E	7.5	F	11.7	F	8.0	F	14.1	E	7.0	F	11.3	F	9.4	F	14.8	E
SR 436 to Eastbrook Blvd.	0.80	32.7	B	32.7	B	35.6	A	35.6	A	36.0	A	36.0	A	39.8	A	39.8	A	38.3	A	38.3	A	37.4	A	37.4	A	30.2	B	30.2	B	35.7	A	35.7	A	38.9	A	38.9	A	35.0	B	35.0	B
Eastbrook Blvd. to Dike Rd.	0.47	23.4	C			30.3	B			31.7	B			28.2	B			35.2	A			29.1	B			28.2	B			28.2	B			36.2	A			30.0	B		
Dike Rd. to Emergency Signal	0.44					42.0	A			40.3	A			45.0	A			42.2	A			39.7	A			38.0	A			39.1	A			39.7	A			38.0	A		
Emergency signal to Dodd Rd.	0.25	33.1	B	28.2	B	35.9	A	35.2	A	22.2	C	31.5	B	38.9	A	35.3	A	33.5	B	37.2	A	33.5	B	33.5	B	26.2	C	30.8	B	22.5	C	29.9	B	29.4	B	35.7	A	30.0	B	32.7	B
Dodd Rd. to Old Howell Branch Rd.	0.33	27.9	C			30.1	B			30.9	B			43.2	A			33.7	B			21.6	D			24.3	C			30.0	B			22.9	C			29.1	B		
Old Howell Branch Rd. to SR 426	0.54	10.7	F	14.2	E	14.1	E	17.9	D	22.1	C	25.0	C	12.1	F	17.1	D	13.5	E	17.8	D	11.7	F	14.4	E	16.4	E	18.8	D	15.5	E	19.1	D	13.6	E	16.1	E	13.7	E	17.2	D
Average				18.2	D			23.0	C			23.2	C			23.7	C			25.6	C			21.3	D			20.6	D			22.4	C			20.7	D			22.5	C

TABLE C13.1b
Year 2014 Seminole County Travel Time & Delay Study
Howell Branch Road - Westbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
SR 426 to Old Howell Branch Rd.	0.56	35.8	A			38.5	A			30.6	B			43.0	A			38.3	A			31.2	B			33.1	B			34.1	B			30.3	B			33.7	B		
Old Howell Branch Rd. to Dodd Rd.	0.33	23.7	C	30.0	B	25.5	C	32.2	B	37.9	A	33.2	B	26.3	C	34.2	B	34.8	B	36.8	A	21.6	D	26.4	C	24.9	C	29.3	B	26.8	C	30.9	B	31.4	B	30.7	B	31.9	B	33.0	B
Dodd Rd. to Emergency Signal	0.25	17.7	D			39.3	A			45.0	A			45.0	A			48.0	A			40.0	A			36.0	A			37.9	A			37.9	A			37.9	A		
Emergency Signal to Dike Rd.	0.44					26.9	C			19.4	D			18.4	D			21.6	D			27.8	C			25.2	C			24.8	C			20.9	D			24.1	C		
Dike Rd. to Eastbrook Blvd.	0.47	34.3	B	22.0	D	33.6	B	31.5	B	41.5	A	29.1	B	38.6	A	27.6	C	35.2	A	29.6	B	37.6	A	33.5	B	29.4	B	28.6	B	39.7	A	31.9	B	35.2	A	28.2	B	35.7	A	30.4	B
Eastbrook Blvd. to SR 436	0.82	20.8	D	20.8	D	20.5	D	20.5	D	20.3	D	20.3	D	21.8	D	21.8	D	19.9	D	19.9	D	22.0	D	22.0	D	17.4	D	17.4	D	20.1	D	20.1	D	26.6	C	26.6	C	21.7	D	21.7	D
SR 436 to Plaza Entrance	0.20	21.6	D			32.0	B			33.3	B			34.3	B			37.5	A			33.3	B			30.0	B			33.5	B			24.8	C			30.0	B		
Plaza Entrance to Lake Howell Rd.	0.32	16.9	E	18.5	D	18.9	D	22.7	C	16.5	E	20.7	D	18.7	D	22.9	C	41.9	A	40.0	A	18.2	D			17.5	D			21.1	D			24.5	C			14.8	E		
Lake Howell Rd. to Orange County Line/Lakemont Ave.	0.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.5	A	26.0	C	36.0	A	24.1	C	35.1	A	27.2	C	40.0	A	28.1	B	35.1	A	21.7	D
Average				22.6	C			26.7	C			25.7	C			26.5	C			28.8	B			26.9	C			24.3	C			27.1	C			28.3	B			26.3	C
PM PEAK HOUR																																									
SR 426 to Old Howell Branch Rd.	0.56	34.7	B			36.5	A			34.2	B			29.2	B			32.1	B			24.5	C			32.4	B			30.6	B			30.0	B			28.9	B		
Old Howell Branch Rd. to Dodd Rd.	0.33	30.9	B	33.2	B	25.7	C	31.4	B	26.3	C	30.5	B	22.3	C	25.9	C	29.6	B	31.0	B	25.4	C	24.8	C	27.6	C	30.3	B	21.7	D	26.4	C	26.2	C	28.4	B	28.3	B	28.7	B
Dodd Rd. to Emergency Signal	0.25					36.7	A			46.5	A			45.0	A			45.0	A			41.1	A			36.9	A			36.9	A			37.9	A			36.0	A		
Emergency Signal to Dike Rd.	0.44	24.9	C			28.6	B			35.5	A			31.8	B			40.9	A			27.8	C			28.1	B			28.4	B			26.2	C			29.7	B		
Dike Rd. to Eastbrook Blvd.	0.47	33.0	B	27.6	C	37.8	A	33.4	B	42.7	A	40.2	A	38.1	A	36.4	A	31.7	B	37.2	A	36.2	A	33.1	B	36.2	A	32.7	B	39.7	A	34.0	B	38.6	A	32.5	B	35.2	A	33.0	B
Eastbrook Blvd. to SR 436	0.82	28.5	B	28.5	B	20.5	D	20.5	D	16.2	E	16.2	E	14.3	E	14.3	E	20.3	D	20.3	D	14.2	E	14.2	E	19.3	D	19.3	D	25.7	C	25.7	C	17.9	D	17.9	D	23.9	C	23.9	C
SR 436 to Plaza Entrance	0.20	29.3	B			26.5	C			34.3	B			36.4	A			33.3	B			33.3	B			32.6	B			22.8	C			35.6	A			27.8	C		
Plaza Entrance to Lake Howell Rd.	0.32	16.8	E	20.3	D	31.8	B	29.4	B	19.8	D	23.8	C	41.9	A	39.5	A	38.3	A	36.1	A	36.7	A			11.6	F			25.1	C			21.4	D			22.1	C		
Lake Howell Rd. to Orange County Line/Lakemont Ave.	0.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40.5	A	36.9	A	34.3	B	18.7	D	38.9	A	27.6	C	40.0	A	28.6	B	40.0	A	27.6	C
Average				27.6	C			28.1	B			26.0	C			24.8	C			29.6	B			24.3	C			24.6	C			28.5	B			26.1	C			28.4	B

TABLE C14.1a
Year 2014 Seminole County Travel Time & Delay Study
Hunt Club Boulevard - Northbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
SR 436 to Ross (Plaza)	0.20	31.6	A			34.8	A			26.5	B			35.1	A			29.4	B			29.4	B			32.1	A			26.5	B			34.5	A			30.7	A		
Ross (Plaza) to Sand Lake Rd.	0.54	18.7	C	21.3	C	20.5	C	22.6	C	15.7	D	17.8	D	21.4	C	24.4	B	16.1	D	18.7	C	15.5	D	18.2	C	17.8	D	20.5	C	17.1	D	19.2	C	20.1	C	23.0	C	26.3	B	27.5	B
Sand Lake Rd. to S. Wekiva Tr.	0.50	24.0	C			34.3	A			22.2	C			34.6	A	34.6	A	29.4	B	29.4	B	24.7	B	24.7	B	18.3	C	18.3	C	24.0	C	24.0	C	22.9	C	22.9	C	20.8	C	20.8	C
S. Wekiva Tr. to Needles Dr.	0.51	35.4	A			34.1	A			36.1	A			-	-	-	-	-	-	-	-	-	-	-	-	32.2	A			33.9	A			34.3	A			33.9	A		
Needles Dr. to N. Wekiva Tr.	0.23	28.1	B	28.6	B	27.5	B	32.8	A	31.5	A	28.3	B	-	-	-	-	-	-	-	-	-	-	-	-	23.8	C			23.0	C			24.6	B			24.6	B		
N. Wekiva Tr. to Wekiva Springs Rd.	0.82	31.9	A	31.9	A	32.3	A	32.3	A	29.7	B	29.7	B	-	-	-	-	-	-	-	-	-	-	-	-	19.8	C	23.4	C	22.5	C	25.4	B	24.8	B	27.3	B	23.4	C	26.3	B
Average				26.9	B			29.1	B			24.7	B			27.6	B			21.8	C			20.3	C			21.5	C			23.1	C			25.2	B			25.4	B
PM PEAK HOUR																																									
SR 436 to Ross (Plaza)	0.21	31.8	A			29.7	B			23.2	C			26.7	B			26.2	B			32.0	A			30.0	B			23.4	C			32.9	A			24.6	B		
Ross (Plaza) to Sand Lake Rd.	0.54	25.0	B	26.8	B	20.4	C	21.9	C	19.9	C	20.8	C	20.8	C	22.4	C	20.8	C	22.2	C	18.9	C	21.7	C	15.0	D	17.7	D	16.4	D	18.0	C	14.8	D	17.7	D	19.9	C	21.1	C
Sand Lake Rd. to S. Wekiva Tr.	0.49	33.3	A			28.7	B			31.7	A			33.0	A	33.0	A	31.6	A	31.6	A	27.7	B	27.7	B	28.3	B	28.3	B	30.3	A	30.3	A	26.8	B	26.8	B	29.4	B	29.4	B
S. Wekiva Tr. to Needles Dr.	0.51	37.1	A			37.1	A			34.5	A			-	-	-	-	-	-	-	-	-	-	-	-	32.5	A			34.7	A			35.1	A			32.2	A		
Needles Dr. to N. Wekiva Tr.	0.23	26.4	B	33.1	A	27.0	B	31.4	A	27.0	B	31.8	A	-	-	-	-	-	-	-	-	-	-	-	-	23.8	C			21.9	C			26.0	B			25.1	B		
N. Wekiva Tr. to Wekiva Springs Rd.	0.82	27.7	B	27.7	B	33.9	A	33.9	A	25.9	B	25.9	B	-	-	-	-	-	-	-	-	-	-	-	-	18.4	C	22.3	C	24.1	B	26.4	B	23.7	C	26.9	B	19.4	C	23.3	C
Average				29.5	B			28.6	B			26.2	B			25.6	B			25.2	B			23.7	C			21.6	C			23.9	C			23.6	C			23.5	C

TABLE C14.1b
Year 2014 Seminole County Travel Time & Delay Study
Hunt Club Boulevard - Southbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
Wekiva Springs Rd. tp N. Wekiva Tr.	0.80	31.0	A	31.0	A	33.1	A	33.1	A	33.8	A	33.8	A	-	-	-	-	-	-	-	-	-	-	-	-	29.3	B			29.6	B			30.9	A			30.2	A		
N. Wekiva Tr. to Needles Dr.	0.24	33.4	A			34.8	A			32.4	A			-	-	-	-	-	-	-	-	-	-	-	-	29.4	B			30.7	A			31.4	A			26.5	B		
Needles Dr. to S. Wekiva Tr.	0.51	24.5	B			18.4	C			25.0	B			-	-	-	-	-	-	-	-	-	-	-	-	20.4	C	25.6	B	17.0	D	23.8	C	17.1	D	24.5	B	23.1	C	26.9	B
S. Wekiva Tr. to Sand Lake Rd.	0.50	19.0	C	22.9	C	27.5	B	23.6	C	26.3	B	26.7	B	17.7	D	17.7	D	19.6	C	19.6	C	17.5	D	17.5	D	18.9	C	18.9	C	14.6	D	14.6	D	13.8	E	13.8	E	14.7	D	14.7	D
Sand Lake Rd. to Ross (Plaza)	0.54	38.5	A			37.3	A			36.8	A			36.7	A			33.9	A			34.3	A			33.1	A			32.1	A			35.7	A			36.1	A		
Ross (Plaza) to SR 436	0.20	16.0	D	28.0	B	5.2	F	15.7	D	9.6	F	21.0	C	8.9	F	18.5	C	9.8	F	19.1	C	9.3	F	18.5	C	6.6	F	14.9	D	9.9	F	19.1	C	8.1	F	17.6	D	12.0	E	22.5	C
Average				26.2	B			22.4	C			26.4	B			18.2	C			19.3	C			18.1	C			20.4	C			20.2	C			19.7	C			22.4	C
PM PEAK HOUR																																									
Wekiva Springs Rd. tp N. Wekiva Tr.	0.80	32.1	A	32.1	A	31.7	A	31.7	A	27.9	B	27.9	B	-	-	-	-	-	-	-	-	-	-	-	-	30.0	B			30.4	A			32.2	A			29.1	B		
N. Wekiva Tr. to Needles Dr.	0.24	26.8	B			29.8	B			35.8	A			-	-	-	-	-	-	-	-	-	-	-	-	27.6	B			31.4	A			31.4	A			28.2	B		
Needles Dr. to S. Wekiva Tr.	0.51	32.1	A			32.6	A			24.7	B			-	-	-	-	-	-	-	-	-	-	-	-	23.5	C	27.1	B	25.0	B	28.5	B	23.5	C	28.5	B	29.2	B	29.0	B
S. Wekiva Tr. to Sand Lake Rd.	0.50	23.5	C	27.1	B	25.5	B	28.9	B	17.2	D	22.3	C	17.1	D	17.1	D	17.8	D	17.8	D	16.6	D	16.6	D	19.7	C	19.7	C	27.0	B	27.0	B	19.6	C	19.6	C	16.9	D	16.9	D
Sand Lake Rd. to Ross (Plaza)	0.54	33.9	A			31.8	A			28.3	B			38.5	A			33.2	A			31.5	A			31.5	A			33.1	A			32.1	A			31.2	A		
Ross (Plaza) to SR 436	0.21	6.0	F	15.0	D	7.9	F	17.6	D	7.9	F	17.9	D	7.5	F	16.6	D	7.5	F	15.9	D	9.3	F	18.0	D	13.3	E	22.2	C	8.1	F	17.1	D	10.6	E	19.9	C	11.5	E	20.5	C
Average				23.2	C			22.1	C			25.3	B			16.8	D			16.6	D			17.4	D			24.1	B			23.9	C			23.8	C			23.4	C

TABLE C15.1a
Year 2014 Seminole County Travel Time & Delay Study
International Parkway - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																																											
International Pkwy. S to Lake Mary Blvd**	0.11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	5.2	F	5.2	F	----	----	----	----	----	----	----	----
Lake Mary Blvd. to AAA Dr.	1.18	----	----	----	----	----	----	----	----	----	----	----	----	37.4	A	37.4	A	----	----	----	----	----	----	----	----	28.9	B	28.9	B	28.3	B	28.3	B	26.1	B	26.1	B	30.1	A	30.1	A
*AAA Dr. to CR 46A	1.13	----	----	----	----	----	----	----	----	----	----	----	----	22.0	C	22.0	C	10.7	E	10.7	E	11.7	F	11.7	F	24.1	B	24.1	B	21.1	C	21.1	C	20.1	C	20.1	C	21.3	C	21.3	C
CR 46A to SR 417**	0.70	----	----	----	----	----	----	----	----	----	----	----	----																	25.9	C	25.9	C	29.4	B	29.4	B	27.8	C	27.8	C
SR 417 to Wilson Rd.	0.57	----	----	----	----	----	----	----	----	----	----	----	----	45.7	A	45.7	A	42.8	A	42.8	A	43.3	A	43.3	A	35.2	A	35.2	A	40.7	A	40.7	A	37.6	A	37.6	A	42.7	A	42.7	A
Wilson Rd. to Wayside Dr.	0.50	----	----	----	----	----	----	----	----	----	----	----	----	49.2	A			44.3	A			44.3	A			38.0	A			42.9	A			39.0	A			34.5	B		
Wayside Dr. to SR 46	0.21	----	----	----	----	----	----	----	----	----	----	----	----	40.2	A	42.0	A	15.2	E	26.1	C	39.4	A	38.7	A	9.2	F	19.7	D	12.9	F	25.4	C	13.5	E	25.1	C	13.8	E	23.9	C
Average																34.0	B			26.2	C			30.0	B			26.8	C			23.8	C			25.4	C			26.7	C
PM PEAK HOUR																																											
International Pkwy. S to Lake Mary Blvd**	0.11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4.0	F	4.0	F	----	----	----	----	----	----	----	----
Lake Mary Blvd. to AAA Dr.	1.18	----	----	----	----	----	----	----	----	----	----	----	----	38.9	A	38.9	A	----	----	----	----	----	----	----	----	27.6	B	27.6	B	28.0	B	28.0	B	26.2	B	26.2	B	28.1	B	28.1	B
*AAA Dr. to CR 46A	1.13													30.4	A	30.4	A	13.0	E	13.0	E	12.7	F	12.7	F	17.4	D	17.4	D	26.5	B	26.5	B	19.6	C	19.6	C	14.3	D	14.3	D
CR 46A to SR 417**	0.70																													33.6	B	33.6	B	32.1	B	32.1	B	29.0	B	29.0	B
SR 417 to Wilson Rd.	0.57	----	----	----	----	----	----	----	----	----	----	----	----	44.3	A	44.3	A	43.2	A	43.2	A	43.8	A	43.8	A	35.2	A	35.2	A	41.2	A	41.2	A	37.2	A	37.2	A	42.7	A	42.7	A
Wilson Rd. to Wayside Dr.	0.50	----	----	----	----	----	----	----	----	----	----	----	----	47.2	A			42.7	A			45.7	A			40.5	A			38.0	A			37.5	A			39.5	A		
Wayside Dr. to SR 46	0.21	----	----	----	----	----	----	----	----	----	----	----	----	19.3	D	30.9	B	9.3	F	19.8	D	14.3	E	24.9	C	10.7	F	22.2	C	8.1	F	18.1	D	22.1	C	31.1	B	11.4	F	22.8	C
Average																36.7	A			25.9	C			27.9	C			24.4	C			23.7	C			26.4	C			22.6	C

Note: * For the year 2009 the roadway segment is from Heathrow Park Ln to CR 46A of 0.39 Miles

Note: ** From 2012, the segment limits were extended to International Pkwy S. and additional control points have been considered at SR 417.

TABLE C15.1b
Year 2014 Seminole County Travel Time & Delay Study
International Parkway - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																																											
SR 46 to Wayside Dr.	0.21	----	----	----	----	----	----	----	----	----	----	----	----	27.8	C			33.6	B			42.0	A			26.2	C			29.3	B			17.0	D			29.3	B		
Wayside Dr. to Wilson Rd.	0.50	----	----	----	----	----	----	----	----	----	----	----	----	46.0	A	38.2	A	44.5	A	40.5	A	45.7	A	44.5	A	38.5	A	33.8	B	41.7	A	37.0	A	38.5	A	28.0	B	44.1	A	38.4	A
Wilson Rd. to SR 417	0.57	----	----	----	----	----	----	----	----	----	----	----	----	27.8	C	27.8	C	25.5	C	25.5	C	22.0	D	22.0	D	25.9	B	25.9	B	40.2	A	40.2	A	34.5	B	34.5	B	33.2	B	33.2	B
SR 417 to CR 46A	0.70	----	----	----	----	----	----	----	----	----	----	----	----																	22.7	C	22.7	C	18.7	D	18.7	D	18.1	D	18.1	D
*CR 46A to AAA Dr.	1.13	----	----	----	----	----	----	----	----	----	----	----	----	32.7	A	32.7	A	34.6	B	34.6	B	34.5	B	34.5	B	32.6	A	32.6	A	33.1	A	33.1	A	29.6	B	29.6	B	33.4	A	33.4	A
AAA Dr. to Lake Mary Blvd	1.17	----	----	----	----	----	----	----	----	----	----	----	----	30.6	A	30.6	A	----	----	----	----	----	----	----	----	27.3	B	27.3	B	22.2	C	22.2	C	21.7	C	21.7	C	20.0	C	20.0	C
Lake Mary Blvd to International Pkwy. S**	0.21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	35.0	A	35.0	A	----	----	----	----	----	----	----	----
Average																31.3	B			30.3	B			27.7	C			29.0	B			28.6	B			25.0	C			25.7	C
PM PEAK HOUR																																											
SR 46 to Wayside Dr.	0.21	----	----	----	----	----	----	----	----	----	----	----	----	33.5	B			33.4	B			40.6	A			30.0	B			36.0	A			30.0	B			30.7	B		
Wayside Dr. to Wilson Rd.	0.50	----	----	----	----	----	----	----	----	----	----	----	----	45.6	A	40.9	A	44.7	A	40.4	A	45.0	A	43.6	A	39.5	A	36.1	A	42.9	A	40.6	A	38.5	A	35.5	A	42.3	A	38.0	A
Wilson Rd. to SR 417	0.57	----	----	----	----	----	----	----	----	----	----	----	----	30.5	B	30.5	B	27.1	C	27.1	C	21.6	D	21.6	D	26.2	B	26.2	B	35.3	A	35.3	A	33.9	B	33.9	B	35.6	A	35.6	A
SR 417 to CR 46A	0.70	----	----	----	----	----	----	----	----	----	----	----	----																	22.7	C	22.7	C	23.0	C	23.0	C	20.3	D	20.3	D
*CR 46A to AAA Dr.	1.13	----	----	----	----	----	----	----	----	----	----	----	----	36.1	A	36.1	A	34.2	B	34.2	B	36.8	A	36.8	A	31.7	A	31.7	A	32.8	A	32.8	A	27.8	B	27.8	B	29.1	B	29.1	B
AAA Dr. to Lake Mary Blvd	1.17	----	----	----	----	----	----	----	----	----	----	----	----	27.9	B	27.9	B	----	----	----	----	----	----	----	----	25.8	B	25.8	B	20.7	C	20.7	C	19.1	C	19.1	C	23.9	C	23.9	C
Lake Mary Blvd to International Pkwy. S**	0.21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	35.0	A	35.0	A	----	----	----	----	----	----	----	----
Average																32.4	B			31.3	B			27.6	C			28.7	B			27.8	C			25.3	C			27.3	C

Note: * For the year 2009 the roadway segment is from Heathrow Park Ln to CR 46A of 0.39 Miles

Note: ** From 2012, the segment limits were extended to International Pkwy S. and additional control points have been considered at SR 417.

TABLE C16.1a
Year 2014 Seminole County Travel Time & Delay Study
Lake Emma Road - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
Longwood Hills Rd. to Danbury Rd.	0.28	32.9	B			31.3	B			19.1	D			35.4	A		
Danbury Rd. to Equestrian Club Ln.	0.65	40.7	A			35.2	A			35.8	A			40.4	A		
Equestrian Club Ln. to Greenway Blvd.	0.47	35.5	A	37.1	A	27.7	C	31.6	B	27.1	C	27.8	C	31.1	B	35.8	A
Greenway Blvd. to Technology Dr.	0.30	22.8	C	22.8	C	29.8	B	29.8	B	26.9	C	26.9	C	36.5	A	36.5	A
Technology Dr. to Sand Pond Rd.	0.28	32.3	B			28.8	B			31.1	B			35.3	A		
Sand Pond Rd. to Greenwood Blvd.	0.53	30.7	B	31.2	B	26.5	C	27.2	C	34.6	B	33.2	B	39.7	A	38.0	A
Greenwood Blvd. to Lake Mary Center	0.31	27.7	C	27.7	C	25.3	C	25.3	C	36.5	A	36.5	A	35.2	A	35.2	A
Lake Mary Center to Lake Mary Blvd.	0.17	9.2	F	9.2	F	6.5	F	6.5	F	11.1	F	11.1	F	10.2	F	10.2	F
Average				28.4	B			24.9	C			27.5	C			32.2	B
PM PEAK HOUR																	
Longwood Hills Rd. to Danbury Rd.	0.28	34.3	B			32.9	B			31.1	B			36.3	A		
Danbury Rd. to Equestrian Club Ln.	0.65	43.5	A			41.3	A			41.9	A			39.9	A		
Equestrian Club Ln. to Greenway Blvd.	0.47	33.7	B	37.8	A	29.8	B	35.0	A	27.9	C	33.9	B	29.0	B	34.9	B
Greenway Blvd. to Technology Dr.	0.30	20.6	D	20.6	D	22.6	C	22.6	C	17.1	D	17.1	D	20.4	D	20.4	D
Technology Dr. to Sand Pond Rd.	0.28	28.6	B			24.9	C			28.1	B			26.0	C		
Sand Pond Rd. to Greenwood Blvd.	0.53	25.3	C	26.3	C	23.4	C	23.9	C	18.7	D	21.2	D	18.7	D	20.7	D
Greenwood Blvd. to Lake Mary Center	0.31	19.1	D	19.1	D	17.5	D	17.5	D	10.2	F	10.2	F	16.8	E	16.8	E
Lake Mary Center to Lake Mary Blvd.	0.17	7.5	F	7.5	F	9.2	F	9.2	F	7.8	F	7.8	F	10.9	F	10.9	F
Average				25.0	C			24.5	C			20.2	D			23.5	C

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
Longwood Hills Rd. to Danbury Rd.	30.2	B			30.0	B			33.6	A			39.1	A			36.5	A			35.7	A		
Danbury Rd. to Equestrian Club Ln.	38.5	A			30.5	B			39.0	A			41.5	A			41.5	A			40.6	A		
Equestrian Club Ln. to Greenway Blvd.	29.6	B	33.3	B	19.4	D	25.6	C	32.5	B	35.5	A	37.8	A	39.7	A	32.1	B	36.9	A	32.9	B	36.7	A
Greenway Blvd. to Technology Dr.	23.4	C	23.4	C	25.4	C	25.4	C	29.0	B	29.0	B	40.0	A	40.0	A	27.7	C	27.7	C	27.3	C	27.3	C
Technology Dr. to Sand Pond Rd.	33.5	B			28.1	B			29.5	B			41.0	A			39.1	A			32.9	B		
Sand Pond Rd. to Greenwood Blvd.	42.3	A	38.8	A	38.3	A	33.9	B	37.4	A	34.2	B	26.5	C	30.2	B	34.9	B	36.3	A	24.1	C	26.6	C
Greenwood Blvd. to Lake Mary Center	27.5	C	27.5	C	26.2	C	26.2	C	22.6	C	22.6	C	35.6	A	35.6	A	39.2	A	39.2	A	21.8	D	21.8	D
Lake Mary Center to Lake Mary Blvd.	4.5	F	4.5	F	5.7	F	5.7	F	7.8	F	7.8	F	8.1	F	8.1	F	5.9	F	5.9	F	5.4	F	5.4	F
Average			24.7	C			23.2	C			27.6	C			30.4	B			28.0	B			24.1	C
PM PEAK HOUR																								
Longwood Hills Rd. to Danbury Rd.	29.6	B			31.6	B			33.6	A			34.3	B			35.7	A			35.7	A		
Danbury Rd. to Equestrian Club Ln.	36.2	A			29.3	B			37.9	A			41.1	A			41.1	A			41.1	A		
Equestrian Club Ln. to Greenway Blvd.	33.2	B	33.7	B	23.4	C	27.5	C	30.7	B	34.3	B	29.1	B	34.9	B	29.7	B	35.5	A	32.1	B	36.6	A
Greenway Blvd. to Technology Dr.	28.6	B	28.6	B	27.7	C	27.7	C	23.4	C	23.4	C	29.5	B	29.5	B	28.6	B	28.6	B	25.0	C	25.0	C
Technology Dr. to Sand Pond Rd.	24.5	C			22.9	C			28.5	B			32.9	B			26.7	C			30.5	B		
Sand Pond Rd. to Greenwood Blvd.	29.2	B	27.4	C	23.9	C	23.5	C	25.9	C	26.7	C	19.0	D	22.3	C	17.6	D	19.9	D	23.2	C	25.3	C
Greenwood Blvd. to Lake Mary Center	23.0	C	23.0	C	17.5	D	17.5	D	15.9	E	15.9	E	9.2	F	9.2	F	10.4	F	10.4	F	13.3	E	13.3	E
Lake Mary Center to Lake Mary Blvd.	6.1	F	6.1	F	5.2	F	5.2	F	5.3	F	5.3	F	4.7	F	4.7	F	4.3	F	4.3	F	4.7	F	4.7	F
Average			25.0	C			20.8	D			22.2	C			19.2	D			18.8	D			21.3	D

TABLE C16.1b
Year 2014 Seminole County Travel Time & Delay Study
Lake Emma Road - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
Lake Mary Blvd. to Lake Mary Center	0.15	17.1	D	17.1	D	17.3	D	17.3	D	13.6	E	13.6	E	27.6	C	27.6	C
Lake Mary Center to Greenwood Blvd.	0.31	18.0	D	18.0	D	17.0	E	17.0	E	25.5	C	25.5	C	30.7	B	30.7	B
Greenwood Blvd. to Sand Pond Rd.	0.53	36.1	A	36.1	A	23.8	C	23.8	C	34.2	B	34.2	B	35.7	A	35.7	A
Sand Pond Rd. to Technology Dr.	0.27	34.9	B	34.9	B	32.6	B	32.6	B	31.1	B	31.1	B	29.1	B	29.1	B
Technology Dr. to Greenway Blvd.	0.31	30.8	B			28.7	B			27.3	C			30.5	B		
Greenway Blvd. to Equestrian Club Ln.	0.46	37.6	A			38.5	A			36.3	A			39.7	A		
Equestrian Club Ln. to Danbury Rd.	0.66	28.7	B			38.6	A			37.9	A			40.0	A		
Danbury Rd. to Longwood Hills Rd.	0.28	12.2	F	25.2	C	21.7	D	32.5	B	31.1	B	33.9	B	32.6	B	36.6	A
Average				25.5	C			26.9	C			30.4	B			34.3	B
PM PEAK HOUR																	
Lake Mary Blvd. to Lake Mary Center	0.15	24.7	C	24.7	C	14.7	E	14.7	E	14.8	E	14.8	E	17.4	D	17.4	D
Lake Mary Center to Greenwood Blvd.	0.31	17.3	D	17.3	D	18.4	D	18.4	D	22.7	C	22.7	C	28.4	B	28.4	B
Greenwood Blvd. to Sand Pond Rd.	0.53	31.9	B	31.9	B	18.1	D	18.1	D	24.7	C	24.7	C	29.4	B	29.4	B
Sand Pond Rd. to Technology Dr.	0.28	18.3	D	18.3	D	18.5	D	18.5	D	19.1	D	19.1	D	28.7	B	28.7	B
Technology Dr. to Greenway Blvd.	0.34	30.3	B			29.6	B			25.4	C			36.3	A		
Greenway Blvd. to Equestrian Club Ln.	0.46	40.5	A			38.8	A			39.4	A			38.3	A		
Equestrian Club Ln. to Danbury Rd.	0.66	40.0	A			38.1	A			39.4	A			36.7	A		
Danbury Rd. to Longwood Hills Rd.	0.28	12.2	F	28.3	B	14.0	E	28.9	B	8.4	F	22.9	C	10.0	F	26.1	C
Average				25.6	C			22.9	C			22.1	C			26.4	C

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
Lake Mary Blvd. to Lake Mary Center	24.9	C	24.9	C	29.0	B	29.0	B	16.8	D	16.8	D	21.3	C	21.3	C	19.6	C	19.6	C	24.0	C	24.0	C
Lake Mary Center to Greenwood Blvd.	26.1	C	26.1	C	40.4	A	40.4	A	25.6	C	25.6	C	27.8	C	27.8	C	24.6	C	24.6	C	28.2	B	28.2	B
Greenwood Blvd. to Sand Pond Rd.	37.5	A	37.5	A	35.3	A	35.3	A	41.3	A	41.3	A	41.8	A	41.8	A	43.0	A	43.0	A	40.8	A	40.8	A
Sand Pond Rd. to Technology Dr.	34.4	B	34.4	B	25.6	C	25.6	C	35.7	A	35.7	A	41.0	A	41.0	A	32.3	B	32.3	B	29.5	B	29.5	B
Technology Dr. to Greenway Blvd.	34.4	B			23.7	C			38.3	A			32.1	B			31.0	B			30.5	B		
Greenway Blvd. to Equestrian Club Ln.	36.2	A			37.3	A			39.4	A			41.2	A			39.4	A			37.8	A		
Equestrian Club Ln. to Danbury Rd.	37.0	A			25.5	C			35.5	A			41.9	A			40.2	A			37.5	A		
Danbury Rd. to Longwood Hills Rd.	31.9	B	35.4	A	16.7	E	25.1	C	23.3	C	33.9	A	23.0	C	35.1	A	28.5	B	35.7	A	26.2	C	33.8	B
Average			33.6	B			27.8	C			32.2	B			34.4	B			33.3	B			32.9	B
PM PEAK HOUR																								
Lake Mary Blvd. to Lake Mary Center	17.7	D	17.7	D	19.6	D	19.6	D	20.0	C	20.0	C	24.0	C	24.0	C	28.2	B	28.2	B	31.0	A	31.0	A
Lake Mary Center to Greenwood Blvd.	26.0	C	26.0	C	29.1	B	29.1	B	24.3	C	24.3	C	24.0	C	24.0	C	31.0	B	31.0	B	21.3	D	21.3	D
Greenwood Blvd. to Sand Pond Rd.	23.4	C	23.4	C	39.7	A	39.7	A	28.1	B	28.1	B	33.5	B	33.5	B	38.3	A	38.3	A	34.6	B	34.6	B
Sand Pond Rd. to Technology Dr.	21.8	D	21.8	D	25.2	C	25.2	C	25.5	C	25.5	C	21.3	D	21.3	D	29.0	B	29.0	B	25.5	C	25.5	C
Technology Dr. to Greenway Blvd.	26.7	C			30.0	B			36.0	A	36.0	A	33.3	B	33.3	B	30.0	B	30.0	B	35.3	A	35.3	A
Greenway Blvd. to Equestrian Club Ln.	36.3	A			37.8	A			38.9	A			37.3	A			40.0	A			40.6	A		
Equestrian Club Ln. to Danbury Rd.	32.0	B			28.3	B			37.9	A			37.9	A			39.0	A			41.5	A		
Danbury Rd. to Longwood Hills Rd.	19.7	D	29.0	B	23.5	C	29.6	B	16.2	D	30.9	A	28.5	B	35.0	B	28.0	C	35.1	A	23.7	C	35.7	A
Average			25.9	C			29.6	B			28.2	B			30.6	B			34.0	B			31.8	B

TABLE C17.1a
Year 2014 Seminole County Travel Time & Delay Study
Lake Howell Road - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																																											
Orange County Line to Linden Rd.	0.75	----	----	----	----	----	----	----	----	----	----	----	----	23.4	C			----	----	----	----	----	----	----	----	25.9	B			27.9	B			29.6	B			29.2	B		
Linden Rd. to Howell Branch Rd.	0.28	----	----	----	----	----	----	----	----	----	----	----	----	11.4	E	18.2	C	8.5	F	8.5	F	14.4	D	14.4	D	24.3	B	25.4	B	24.7	B	27.0	B	24.7	B	28.1	B	22.1	C	26.9	B
Howell Branch Rd. to Lake Howell Ln.	0.51	----	----	----	----	----	----	----	----	----	----	----	----	28.4	B			29.5	B			24.2	B			16.3	D			14.6	D			15.8	D			13.9	E		
Lake Howell Ln. to Tuscarora Tr.	0.06	----	----	----	----	----	----	----	----	----	----	----	----	20.4	C	27.3	B	23.9	C	28.8	B	27.7	B	24.5	B	30.0	B	17.3	D	35.0	A	15.7	D	35.0	A	16.9	D	30.0	B	14.9	D
Tuscarora Tr. to SR 436	0.44	----	----	----	----	----	----	----	----	----	----	----	----	28.6	B	28.6	B	33.3	A	33.3	A	21.9	C	21.9	C	10.9	E	10.9	E	9.6	F	9.6	F	10.6	E	10.6	E	20.0	C	20.0	C
Average																22.0	C			19.5	C			20.6	C			17.7	D			16.7	D			18.0	D			20.7	C
PM PEAK HOUR																																											
Orange County Line to Linden Rd.	0.75	----	----	----	----	----	----	----	----	----	----	----	----	16.0	D			----	----	----	----	----	----	----	----	27.1	B			28.7	B			23.3	C			23.2	C		
Linden Rd. to Howell Branch Rd.	0.28	----	----	----	----	----	----	----	----	----	----	----	----	7.7	F	12.3	E	7.2	F	7.2	F	8.9	F	8.9	F	17.5	D	23.6	C	11.7	E	20.6	C	11.4	E	18.1	C	9.5	F	16.7	D
Howell Branch Rd. to Lake Howell Ln.	0.51	----	----	----	----	----	----	----	----	----	----	----	----	23.5	C			27.2	B			22.4	C			11.8	E			17.3	D			12.3	E			12.3	E		
Lake Howell Ln. to Tuscarora Tr.	0.06	----	----	----	----	----	----	----	----	----	----	----	----	22.2	C	23.3	C	29.9	B	27.5	B	27.7	B	22.9	C	32.3	A	12.8	E	35.0	A	18.5	C	35.0	A	13.4	E	35.0	A	13.4	E
Tuscarora Tr. to SR 436	0.44	----	----	----	----	----	----	----	----	----	----	----	----	29.8	B	29.8	B	28.8	B	28.8	B	14.9	D	14.9	D	11.1	E	11.1	E	13.7	E	13.7	E	14.8	D	14.8	D	11.6	E	11.6	E
Average																16.6	D			17.3	D			15.0	D			15.8	D			18.0	D			15.8	D			14.3	D

TABLE C17.1b
Year 2014 Seminole County Travel Time & Delay Study
Lake Howell Road - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																																											
SR 436 to Tuscarora Tr.	0.44	----	----	----	----	----	----	----	----	----	----	----	----	31.4	A	31.4	A	28.4	B	28.4	B	25.4	B	25.4	B	23.4	C	23.4	C	29.4	B	29.4	B	12.5	E	12.5	E	29.1	B	29.1	B
Tuscarora Tr. to Lake Howell Ln.	0.07	----	----	----	----	----	----	----	----	----	----	----	----	23.2	C			18.9	C			18.0	D			28.0	B			24.7	B			32.3	A			35.0	A		
Lake Howell Ln. to Howell Branch Rd.	0.50	----	----	----	----	----	----	----	----	----	----	----	----	10.6	E	11.3	E	13.7	E	14.2	D	16.5	D	16.6	D	13.4	E	14.3	D	16.0	D	16.8	D	20.0	C	21.0	C	15.1	D	16.2	D
Howell Branch Rd. to Linden Rd.	0.28	----	----	----	----	----	----	----	----	----	----	----	----	20.2	C			20.7	C	20.7	C	19.3	C	19.3	C	19.8	C			17.9	D			16.3	D			19.5	C		
Linden Rd. to Orange County Line	0.76	----	----	----	----	----	----	----	----	----	----	----	----	17.3	D	18.0	D	----	----	----	----	----	----	----	----	20.5	C	20.3	C	23.2	C	21.5	C	23.7	C	21.1	C	23.0	C	21.9	C
Average																16.8	D			18.7	C			19.8	C			18.7	C			21.2	C			18.2	C			21.1	C
PM PEAK HOUR																																											
SR 436 to Tuscarora Tr.	0.44	----	----	----	----	----	----	----	----	----	----	----	----	28.7	B	28.7	B	29.1	B	29.1	B	29.1	B	29.1	B	16.6	D	16.6	D	27.2	B	27.2	B	14.4	D	14.4	D	27.7	B	27.7	B
Tuscarora Tr. to Lake Howell Ln.	0.07	----	----	----	----	----	----	----	----	----	----	----	----	28.3	B			21.1	C			22.5	C			24.7	B			23.3	C			19.1	C			16.8	D		
Lake Howell Ln. to Howell Branch Rd.	0.50	----	----	----	----	----	----	----	----	----	----	----	----	14.5	D	15.3	D	16.3	D	16.8	D	10.8	E	11.4	E	15.7	D	16.4	D	20.4	C	20.7	C	13.2	E	13.7	E	14.9	D	15.1	D
Howell Branch Rd. to Linden Rd.	0.28	----	----	----	----	----	----	----	----	----	----	----	----	19.2	C			20.8	C	20.8	C	19.5	C	19.5	C	19.5	C			16.5	D			21.5	C			19.5	C		
Linden Rd. to Orange County Line	0.76	----	----	----	----	----	----	----	----	----	----	----	----	24.4	B	22.7	C	----	----	----	----	----	----	----	----	22.2	C	21.4	C	22.5	C	20.5	C	24.5	B	23.6	C	23.4	C	22.2	C
Average																20.8	C			20.7	C			16.6	D			18.6	C			21.8	C			17.5	D			20.5	C

TABLE C18.1a
Year 2014 Seminole County Travel Time & Delay Study
Lake Mary Boulevard/SR 415 (Part A & B) - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
Markham Woods Rd. to Heathrow Blvd.	0.66	39.3	A			36.5	A			35.9	A			39.2	A		
Heathrow Blvd. to International Pkwy.	0.20	23.2	C			23.7	C			22.9	C			24.8	C		
International Pkwy. to I-4 WB Ramps	0.15	45.7	A			37.3	A			15.0	E			32.6	B		
I-4 WB Ramps to I-4 EB Ramps	0.27	26.3	C	33.1	B	18.4	D	28.3	B	15.7	E	23.5	C	14.4	E	26.7	C
I-4 EB Ramps to Lake Emma Rd.	0.21	26.7	C	26.7	C	14.0	E	14.0	E	16.7	E	16.7	E	16.6	E	16.6	E
Lake Emma Rd. to Lake Mary Center	0.17	43.5	A			25.6	C			38.1	A			36.9	A		
Lake Mary Center to Sun Dr.	0.15	20.6	D			25.1	C			44.5	A			42.4	A		
Sun Dr. to Rinehart Rd.	0.31	23.7	C	26.0	C	23.2	C	24.3	C	44.9	A	42.8	A	40.0	A	39.6	A
Rinehart Rd. to Forest Blvd.	0.30	41.3	A			39.7	A			30.7	B			42.6	A		
Forest Blvd. to Longwood Lake Mary Rd.	0.53	27.3	C	31.2	B	27.2	C	30.8	B	28.4	B	29.2	B	41.5	A	41.9	A
Longwood Lake Mary Rd. to 4th St./Lake Mary Elem. Sch.	0.57	34.4	B			40.9	A			34.1	B			35.5	A		
4th St./Lake Mary Elem. Sch. to County Club Rd.	0.13	12.0	F	26.0	C	14.7	E	31.2	B	8.1	F	21.6	D	14.7	E	28.4	B
Country Club Rd. to RR Tracks	0.06																
RR Tracks to Sir Lawrence Dr.	0.57	38.1	A	38.1	A	37.5	A	37.5	A	36.5	A	36.5	A	37.6	A	37.6	A
Sir Lawrence Rd. to College/Art Ln.	0.76	41.2	A			37.1	A			41.1	A			40.6	A		
College/Art Ln. to Hidden Lake Dr.	0.35	41.2	A	41.2	A	39.3	A	37.8	A	39.1	A	40.5	A	38.7	A	40.0	A
Hidden Lake Dr. to Live Oak Blvd.	0.17	32.4	B			40.9	A			41.9	A			42.6	A		
Live Oak Blvd. to US 17-92	0.24	13.7	E	18.2	D	10.4	F	15.2	E	14.0	E	19.4	D	10.2	F	15.0	E
US 17-92 to SR 417 SB Ramps	1.07	36.4	A			44.8	A			38.2	A			38.8	A		
SR 417 SB Ramps to SR 417 NB Ramps	0.10	36.7	A			38.8	A			37.8	A			28.3	B		
SR 417 NB Ramps to CR 427	0.20													7.9	F		
CR 427 to Sanford Ave.	0.09	16.1	E	30.5	B	31.5	B	41.9	A	13.8	E	30.6	B	32.6	B	24.6	C
Sanford Ave. to Red Cleveland Blvd.*	1.43	---	---	---	---	---	---	---	---	---	---	---	---	49.4	A		
Red Cleveland Blvd. to Beardall Ave.**	1.30	---	---	---	---	---	---	---	---	---	---	---	---	53.4	A		
Beardall Ave. to Moores Station Rd.	1.37	---	---	---	---	---	---	---	---	---	---	---	---	54.8	A		
Moores Station Rd. to SR 46	0.96	---	---	---	---	---	---	---	---	---	---	---	---	29.5	B	46.5	A
SR 46 to Celery Ave.	0.83	---	---	---	---	---	---	---	---	---	---	---	---	42.6	A		
Celery Ave. to Volusia County line	0.04	---	---	---	---	---	---	---	---	---	---	---	---	49.3	A	42.8	A
Average				30.5	B			29.8	B			28.4	B			34.6	B
PM PEAK HOUR																	
Markham Woods Rd. to Heathrow Blvd.	0.66	43.7	A			43.1	A			41.1	A			39.9	A		
Heathrow Blvd. to International Pkwy.	0.20	16.1	E			12.4	F			16.9	E			13.2	E		
International Pkwy. to I-4 WB Ramps	0.15	47.9	A			35.1	A			39.3	A			39.3	A		
I-4 WB Ramps to I-4 EB Ramps	0.27	40.1	A	34.5	B	20.2	D	26.2	C	35.5	A	32.7	B	24.3	C	27.8	C
I-4 EB Ramps to Lake Emma Rd.	0.21	38.3	A	38.3	A	16.0	E	16.0	E	15.9	E	15.9	E	18.1	D	18.1	D
Lake Emma Rd. to Lake Mary Center	0.17	22.2	C			21.9	D			33.3	B			34.5	B		
Lake Mary Center to Sun Dr.	0.15	40.0	A			37.8	A			31.8	B			28.5	B		
Sun Dr. to Rinehart Rd.	0.31	11.6	F	16.5	E	12.9	F	17.6	D	19.4	D	24.5	C	10.6	F	16.0	E
Rinehart Rd. to Forest Blvd.	0.30	38.2	A			29.3	B			30.1	B			37.8	A		
Forest Blvd. to Longwood Lake Mary Rd.	0.53	40.1	A	39.4	A	26.4	C	27.4	C	30.2	B	30.1	B	28.9	B	31.7	B
Longwood Lake Mary Rd. to 4th St./Lake Mary Elem. Sch.	0.57	38.7	A			35.5	A			36.5	A			34.8	B		
4th St./Lake Mary Elem. Sch. to County Club Rd.	0.13	15.2	E	30.3	B	21.7	D	31.9	B	8.6	F	23.7	C	7.5	F	21.1	D
Country Club Rd. to RR Tracks	0.06																
RR Tracks to Sir Lawrence Dr.	0.57	36.1	A	36.1	A	34.1	B	34.1	B	31.8	B	31.8	B	36.9	A	36.9	A
Sir Lawrence Rd. to College/Art Ln.	0.76	34.8	B			33.2	B			36.3	A			32.3	B		
College/Art Ln. to Hidden Lake Dr.	0.35	42.3	A	36.9	A	34.7	B	33.6	B	35.3	A	36.0	A	35.9	A	33.4	B
Hidden Lake Dr. to Live Oak Blvd.	0.17	45.7	A			36.7	A			40.2	A			33.8	B		
Live Oak Blvd. to US 17-92	0.24	10.7	F	15.9	E	8.2	F	12.2	F	12.1	F	17.3	D	14.7	E	19.3	D
US 17-92 to SR 417 SB Ramps	1.07	43.8	A			40.4	A			35.3	A			41.5	A		
SR 417 SB Ramps to SR 417 NB Ramps	0.10	45.9	A			34.7	B			35.3	A			27.1	C		
SR 417 NB Ramps to CR 427	0.20													7.6	F		
CR 427 to Sanford Ave.	0.09	27.2	C	40.5	A	15.9	E	32.8	B	16.0	E	30.3	B	11.8	F	23.0	C
Sanford Ave. to Red Cleveland Blvd.*	1.43	---	---	---	---	---	---	---	---	---	---	---	---	48.0	A		
Red Cleveland Blvd. to Beardall Ave.**	1.30	---	---	---	---	---	---	---	---	---	---	---	---	53.1	A		
Beardall Ave. to Moores Station Rd.	1.37	---	---	---	---	---	---	---	---	---	---	---	---	54.3	A		
Moores Station Rd. to SR 46	0.96	---	---	---	---	---	---	---	---	---	---	---	---	15.8	E	37.3	A
SR 46 to Celery Ave.	0.83	---	---	---	---	---	---	---	---	---	---	---	---	44.8	A		
Celery Ave. to Volusia County line	0.04	---	---	---	---	---	---	---	---	---	---	---	---	56.9	A	45.3	A
Average				31.0	B			26.0	C			28.2	B			29.5	B

Roadway Segments	Distance (mile)	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																									
Markham Woods Rd. to Heathrow Blvd.	0.66	39.7	A			40.0	A			37.4	A			31.7	B			32.7	B			44.0	A		
Heathrow Blvd. to International Pkwy.	0.20	15.0	E			25.3	C			10.1	F			16.8	E			10.2	F			16.3	E		
International Pkwy. to I-4 WB Ramps	0.15	16.1	E			17.5	D			12.0	F			40.0	A			38.4	A			36.9	A		
I-4 WB Ramps to I-4 EB Ramps	0.27	15.8	E	22.8	C	17.6	D	26.6	C	18.8	D	19.9	D	31.8	B	28.6	B	18.1	D	22.2	C	30.0	B	32.0	B
I-4 EB Ramps to Lake Emma Rd.	0.21	20.1	D	20.1	D	18.0	D	18.0	D	23.2	C	23.2	C	14.0	E	14.0	E	12.5	F	12.5	F	11.3	F	11.3	F
Lake Emma Rd. to Lake Mary Center	0.17	40.7	A			24.6	C			35.6	A			22.9	C			32.0	B			40.0	A		
Lake Mary Center to Sun Dr.	0.15	41.2	A			26.5	C			13.9	E			17.1	D			40.0	A			22.3	C		
Sun Dr. to Rinehart Rd.	0.31	39.1	A	40.0	A	26.2	C	25.8	C	21.3	D	20.6	D	29.5	B	23.6	C	33.7	B	34.6	B	16.1	E	20.6	D
Rinehart Rd. to Forest Blvd.	0.30	41.0	A			40.9	A			39.1	A			40.9	A			30.5	B			36.0	A		
Forest Blvd. to Longwood Lake Mary Rd.	0.53	37.1	A	38.4	A	44.2	A	42.9	A	43.2	A	41.7	A	29.7	B	32.9	B	32.4	B	31.7	B	30.6	B	32.3	B
Longwood Lake Mary Rd. to 4th St./Lake Mary Elem. Sch.	0.57	35.4	A			30.3	B			32.6	B			42.0	A			41.0	A			42.5	A		
4th St./Lake Mary Elem. Sch. to County Club Rd.	0.13	18.5	D	30.4	B	8.9	F	21.2	D	22.5	C	30.2	B	36.0	A	40.8	A	32.7	B	39.2	A	42.4	A	42.5	A
Country Club Rd. to RR Tracks	0.06																								
RR Tracks to Sir Lawrence Dr.	0.57	37.1	A	37.1	A	37.8	A	37.8	A	35.0	B	35.0	B	39.4	A	39.4	A	33.2	B	33.2	B	37.4	A	37.4	A
Sir Lawrence Rd. to College/Art Ln.	0.76	34.6	B			38.1	A			32.6	B			40.7	A			36.8	A			39.7	A		
College/Art Ln. to Hidden Lake Dr.	0.35	38.4	A	35.7	A	40.0	A	38.7	A	34.6	B	33.2	B	34.6	B	38.6	A	32.9	B	35.5	A	39.2	A	39.5	A
Hidden Lake Dr. to Live Oak Blvd.	0.17	40.1	A			40.0	A			39.2	A			30.9	B			37.8	A			44.3	A		
Live Oak Blvd. to US 17-92	0.24	8.4	F	12.6	F	8.9	F	13.1	E	7.1	F	10.8	F	8.5	F	12.1	F	9.2	F	13.4	E	7.1	F	10.9	F
US 17-92 to SR 417 SB Ramps	1.07	40.9	A			36.9	A			39.8	A			40.5	A			41.0	A			39.3	A		
SR 417 SB Ramps to SR 417 NB Ramps	0.10	23.3	C			36.0	A			15.0	E			13.2	E			23.5	C			24.5	C		
SR 417 NB Ramps to CR 427	0.20	11.6	F			17.5	D			15.0	E			15.2	E			10.7	F			18.8	D		
CR 427 to Sanford Ave.	0.09	29.1	B	28.9	B	38.2	A	31.8	B	46.7	A	29.8	B	42.0	A	29.6	B	38.2	A	28.1	B	21.0	D	31.8	B
Sanford Ave. to Red Cleveland Blvd.*	1.43	45.0	A			42.4	A			43.9	A			45.2	A			43.0	A			44.1	A		
Red Cleveland Blvd. to Beardall Ave.**	1.30	48.0	A			44.0	A			48.0	A			47.4	A			46.0	A			48.9	A		
Beardall Ave. to Moores Station Rd.	1.37	48.5	A			42.8	A			47.8	A			47.2	A			47.8	A			48.9	A		
Moores Station Rd. to SR 46	0.96	41.2	A	45.8	A	29.2	B	39.4	A	32.5	B	42.9	A	30.5	B	42.3	A	37.8	A	43.7	A	33.8	B	43.8	A
SR 46 to Celery Ave.	0.83	36.9	A			43.4	A			46.3	A			46.3	A			45.4	A			49.6	A		
Celery Ave. to Volusia County line	0.04	59.5	A	37.6	A	56.2	A	46.2	A	53.1	A	48.0	A	53.1	A	48.0	A	50.3	A	46.7	A	33.2	B	43.6	A
Average				33.8	B			32.7	B			31.5	B			33.6	B			32.8	B			33.4	B
PM PEAK HOUR																									
Markham Woods Rd. to Heathrow Blvd.	0.66	36.2	A			33.6	B			36.7	A			38.8	A			39.6	A			40.0	A		
Heathrow Blvd. to International Pkwy.	0.20	16.3	E			12.1	F			10.0	F			15.0	E			19.3	D			13.3	E		
International Pkwy. to I-4 WB Ramps	0.15	40.9	A			38.2	A			31.0	B			43.6	A			38.4	A			45.7	A		
I-4 WB Ramps to I-4 EB Ramps	0.27	38.9	A	31.2	B	29.5	B	26.2	C	21.4	D	23.4	C	23.6	C	28.6	B	33.2	B	33.0	B	37.1	A	30.7	B
I-4 EB Ramps to Lake Emma Rd.	0.21	17.4	D	17.4	D	16.2	E	16.2	E	11.8	F	11.8	F	8.1	F	8.1	F	9.9	F	9.9	F	11.3	F	11.3	F
Lake Emma Rd. to Lake Mary Center	0.17	22.1	C			19.2	D			34.3	B			36.9	A			32.0	B			15.7	E		
Lake Mary Center to Sun Dr.	0.15	25.9	C			30.0	B			28.2	B			15.7	E			40.0	A			16.6	E		
Sun Dr. to Rinehart Rd.	0.31	18.8	D	21.0	D	16.3	E	19.2	D	14.2	E	19.5	D	27.8	C	24.6	C	20.6	D	26.1	C	16.8	E	16.5	E
Rinehart Rd. to Forest Blvd.	0.30	34.4	B			30.0	B			26.5	C			25.4	C			22.5	C			29.0	B		
Forest Blvd. to Longwood Lake Mary Rd.	0.53	34.4	B	34.4	B	30.6	B	30.4	B	37.2	A	32.5	B	28.7	B	27.4	C	20.6	D	21.3	D	33.7	B	31.9	B
Longwood Lake Mary Rd. to 4th St./Lake Mary Elem. Sch.	0.57	31.4	B			35.7	A			38.6	A			38.2	A			36.1	A			35.0	B		
4th St./Lake Mary Elem. Sch. to County Club Rd.	0.13	10.3	F	23.2	C	36.0	A	35.8	A	10.9	F	26.7	C	22.5	C	34.0	B	13.3	E	27.8	C	12.6	F	26.7	C
Country Club Rd. to RR Tracks	0.06																								
RR Tracks to Sir Lawrence Dr.	0.57	37.9	A	37.9	A	35.0	B	35.0	B	37.1	A	37.1	A	39.8	A	39.8	A	33.2	B	33.2	B	39.4	A	39.4	A
Sir Lawrence Rd. to College/Art Ln.	0.76	36.0	A			34.6	B			38.6	A			39.3	A			29.2	B			34.3	B		
College/Art Ln. to Hidden Lake Dr.	0.35	37.7	A	36.5	A	37.8	A	35.5	A	33.4	B	36.9	A	42.5	A	40.2	A	36.4	A	31.1	B	40.0	A	35.9	A
Hidden Lake Dr. to Live Oak Blvd.	0.17	37.2	A			40.0	A			37.8	A			37.8	A			40.8	A			44.3	A		
Live Oak Blvd. to US 17-92	0.24	9.0	F	13.2	E	14.7	E	19.8	D	8.3	F	12.3	F	11.6	F	16.3	E	13.8	E	19.1	D	9.1	F	13.6	E
US 17-92 to SR 417 SB Ramps	1.07	38.2	A			39.6	A			37.0	A			40.5	A			36.4	A			38.6	A		
SR 417 SB Ramps to SR 417 NB Ramps	0.10	32.8	B			31.8	B			31.8	B			13.5	E			15.0	E			18.6	D		
SR 417 NB Ramps to CR 427	0.20	12.6	F			9.9	F			13.3	E			14.8	E			17.0	D			15.0	E		
CR 427 to Sanford Ave.	0.09	17.2	D	28.2	B	38.2	A	27.3	C	42.0	A	29.3	B	46.7	A	29.6	B	38.2	A	29.1	B	42.0	A	29.9	B
Sanford Ave. to Red Cleveland Blvd.*	1.43	47.6	A			42.4	A			46.5	A			45.2	A			41.1	A			43.2	A		
Red Cleveland Blvd. to Beardall Ave.**	1.30	48.4	A			43.7	A			48.0	A			47.7	A			45.4	A			49.5	A		
Beardall Ave. to Moores Station Rd.	1.37	48.4	A			43.7	A			48.1	A			47.5	A			45.9	A			49.8	A		
Moores Station Rd. to SR 46	0.96	18.5	D	36.9	A	20.1	D	35.4	A	22.3	C	39.0	A	30.5	B	42.4	A	27.6	C	39.5	A	19.8	D	37.3	A
SR 46 to Celery Ave.	0.83	46.1	A			47.6	A			47.2	A			47.2	A			44.6	A			28.8	B		
Celery Ave. to Volusia County line	0.04	47.0	A	46.1	A	58.3	A	50.1	A	54.7	A	49.0	A	56.4	A	49.4	A	51.7	A	46.3	A	30.5	B	29.2	B
Average				31.3	B			31.3	B			30.4	B			32.9	B			31.4	B			29.8	B

Note : * Till Year 2007, the segment was used to be Sanford Ave to Ohio Ave.

Note : * *Till Year 2007, the segment was used to be Ohio Ave. to Sanford Airport

TABLE C18.1b
Year 2014 Seminole County Travel Time & Delay Study
Lake Mary Boulevard/SR 415 (Part A & B) - Westbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
Volusia County Line to Celery Ave.	0.56	---	---	---	---	---	---	---	---	---	---	---	---	37.5	A			48.6	A			51.4	A			46.5	A			53.1	A			42.3	A			21.1	D		
Celery Ave. to SR 46	0.80	---	---	---	---	---	---	---	---	---	---	---	---	20.9	D	25.5	C	31.5	B	36.8	A	28.6	B	32.5	A	32.6	B	35.6	A	26.4	C	30.7	A	20.9	D	24.3	A	23.5	C	22.8	A
SR 46 to Moores Station Rd.	1.02	---	---	---	---	---	---	---	---	---	---	---	---	49.5	A			46.1	A			42.7	A			46.6	A			47.3	A			45.8	A			47.7	A		
Moores Station Rd. to Beardall Ave.	1.37	---	---	---	---	---	---	---	---	---	---	---	---	53.6	A			48.3	A			44.9	A			47.8	A			48.6	A			48.4	A			49.8	A		
Beardall Ave. to Red Cleveland Blvd.**	1.26	---	---	---	---	---	---	---	---	---	---	---	---	51.5	A			46.6	A			41.5	A			42.0	A			46.8	A			41.1	A			47.4	A		
Red Cleveland Blvd. to Sanford Ave.*	1.43	---	---	---	---	---	---	---	---	---	---	---	---	42.0	A	48.5	A	44.1	A	46.2	A	40.2	A	42.2	A	43.9	A	44.8	A	41.3	A	45.7	A	41.9	A	44.0	A	42.1	A	46.4	A
Sanford Ave. to CR 427	0.05	21.6	D			24.1	C			31.7	B			6.7	F			13.8	E			5.8	F			7.6	F			6.2	F			4.9	F			6.4	F		
CR 427 to SR 417 NB Ramps	0.21													29.5	B			35.3	A			36.0	A			39.4	A			28.6	B			37.1	A			43.4	A		
SR 417 NB Ramp to SR 417 SB Ramps	0.09	36.8	A			32.9	B			29.3	B			23.0	C			17.3	D			30.0	B			38.6	A			25.7	C			38.6	A			30.0	B		
SR 417 SB Ramps to US 17-92	1.08	26.5	C			23.1	C			25.5	C			24.0	C	22.6	C	27.3	C	26.2	C	19.7	D	19.1	D	22.7	C	22.5	C	24.6	C	22.0	D	23.0	C	21.0	D	29.5	B	26.1	C
US 17-92 to Live Oak Blvd.	0.24	36.6	A	27.2	C	26.6	C	24.1	C	27.2	C	26.7	C	18.3	D			25.5	C			28.2	B			26.7	C			38.9	A			35.1	A			40.0	A		
Live Oak Blvd. to Hidden Lake Dr.	0.17	39.9	A	39.9	A	41.6	A	41.6	A	38.6	A	38.6	A	25.6	C	20.7	D	37.7	A	29.3	B	34.3	B	30.4	B	34.0	B	29.3	B	42.5	A	40.3	A	30.0	B	32.8	B	40.8	A	40.3	A
Hidden Lake Dr. to Art/College Ln.	0.33	40.8	A			40.5	A			39.5	A			31.6	B			36.3	A			33.4	B			38.5	A			38.5	A			39.2	A			35.8	A		
Art/College Ln. to Sir Lawrence Dr.	0.77	42.7	A	42.1	A	44.7	A	43.3	A	44.4	A	42.8	A	44.0	A	39.2	A	42.7	A	40.5	A	38.8	A	36.9	A	42.6	A	41.2	A	39.7	A	39.3	A	34.0	B	35.5	A	39.7	A	38.4	A
Sir Lawrence Dr. to RR Tracks	0.57																																								
RR Tracks to Country Club Rd.	0.06	25.9	C	25.9	C	17.9	D	17.9	D	21.7	D	21.7	D	15.5	E	15.5	E	20.5	D	20.5	D	23.9	C	23.9	C	13.5	E	13.5	E	23.5	C	23.5	C	22.0	D	22.0	D	17.4	D	17.4	D
County Club Rd. to 4th St./Lake Mary Elem. Sch.	0.13	29.9	B			35.4	A			34.5	B			36.5	A			35.6	A			36.0	A			32.7	B			32.7	B			36.0	A			37.9	A		
4th St./Lake Mary Elem. Sch. to Longwood Lake Mary Rd.	0.57	37.4	A	35.7	A	37.1	A	36.8	A	39.1	A	38.2	A	39.8	A	39.2	A	37.1	A	36.8	A	29.2	B	30.2	B	33.9	B	33.7	B	38.2	A	37.1	A	30.8	B	31.6	B	31.7	B	32.6	B
Longwood Lake Mary Rd. to Forest Blvd.	0.53	35.5	A			44.6	A			43.1	A			42.0	A			42.8	A			36.1	A			38.6	A			44.4	A			42.1	A			41.5	A		
Forest Blvd. to Rinehart Rd.	0.31	22.7	C	29.5	B	43.1	A	44.1	A	19.6	D	30.0	B	28.1	B	35.7	A	32.5	B	38.4	A	27.3	C	32.3	B	21.7	D	30.2	B	25.7	C	35.2	A	21.7	D	31.5	B	14.3	E	24.7	C
Rinehart Rd. to Sun Dr.	0.31	36.5	A			43.3	A			42.8	A			30.7	B			26.8	C			30.0	B			40.0	A			36.2	A			25.9	C			22.6	C		
Sun Dr. to Lake Mary Center	0.16	43.0	A			39.6	A			12.6	F			15.1	E			15.8	E			14.1	E			9.6	F			33.1	B			22.3	C			19.6	D		
Lake Mary Center to Lake Emma Rd.	0.17	25.0	C	33.8	B	22.3	C	34.3	B	24.7	B	24.1	C	20.9	D	22.4	C	20.8	D	21.5	D	13.3	E	18.8	D	21.8	D	20.0	D	25.3	C	32.0	B	17.1	D	22.2	C	21.3	D	21.5	D
Lake Emma Rd. to I-4 EB Ramps	0.21	19.5	D	19.5	D	21.1	D	21.1	D	33.4	B	33.4	B	32.0	B	32.0	B	39.3	A	39.3	A	28.0	C	28.0	C	20.6	D	20.6	D	37.7	A	37.7	A	42.6	A	42.6	A	24.9	C	24.9	C
I-4 EB Ramps to I-4 WB Ramps	0.27	30.1	B			27.1	C			28.0	D			16.1	E			29.6	B			23.1	C			19.5	D			33.9	B			31.8	B			33.2	B		
I-4 WB Ramps to International Pkwy.	0.16	13.4	E			18.4	D			18.6	A			19.2	D			19.3	D			20.5	D			17.1	D			36.9	A			17.5	D			33.1	B		
International Pkwy. to Heathrow Blvd.	0.19	30.1	B			10.5	F			40.5	B			34.1	B			29.4	B			40.7	A			22.4	C			25.9	C			36.8	A			26.5	C		
Heathrow Blvd. to Markham Woods Rd.	0.66	30.9	B	26.5	C	28.5	B	21.3	D	28.8	F	28.1	B	24.0	C	22.0	C	34.0	B	29.7	B	24.7	C	25.3	C	25.1	C	22.1	C	26.8	C	28.9	B	24.9	C	25.9	C	20.8	D	24.7	C
Average				29.9	B			28.7	B			29.4	B			29.4	B			34.9	B			30.5	B			30.2	B			34.4	B			30.9	B			31.8	B
PM PEAK HOUR																																									
Volusia County Line to Celery Ave.	0.56	---	---	---	---	---	---	---	---	---	---	---	---	46.8	A			54.2	A			51.4	A			53.1	A			53.1	A			50.3	A			28.2	B		
Celery Ave. to SR 46	0.80	---	---	---	---	---	---	---	---	---	---	---	---	29.8	B	35.0	A	37.4	A	42.9	A	28.4	B	32.3	A	32.8	B	36.7	A	34.7	B	38.4	A	27.2	C	31.1	A	29.1	B	28.8	A
SR 46 to Moores Station Rd.	0.99	---	---	---	---	---	---	---	---	---	---	---	---	50.8	A			47.4	A			43.0	A			45.8	A			47.7	A			44.1	A			48.9	A		
Moores Station Rd. to Beardall Ave.	1.37	---	---	---	---	---	---	---	---	---	---	---	---	52.8	A			48.6	A			43.5	A			48.1	A			48.4	A			46.4	A			50.4	A		
Beardall Ave. to Red Cleveland Blvd.**	1.27	---	---	---	---	---	---	---	---	---	---	---	---	51.3	A			46.2	A			42.7	A			46.5	A			46.0	A			44.1	A			47.7	A		
Red Cleveland Blvd. to Sanford Ave.*	1.44	---	---	---	---	---	---	---	---	---	---	---	---	47.0	A	50.1	A	46.6	A	47.2	A	40.6	A	42.3	A	39.8	A	44.6	A	45.0	A	46.6	A	39.3	A	43.2	A	42.6	A	47.0	A
Sanford Ave. to CR 427	0.05	26.4	C			22.4	C			31.9	B			3.3	F			6.2	F			5.3	F			6.0	F			4.1	F			5.2	F			6.8	F		
CR 427 to SR 417 NB Ramps	0.21													16.1	E			20.4	D			28.0	C			22.9	C			24.2	C			28.0	C			22.5	C		
SR 417 NB Ramp to SR 417 SB Ramps	0.09	41.3	A			32.4	B			20.5	D			31.9	B			24.9	C			23.5	C			22.5	C			33.7	B			30.0	B			27.0	C		
SR 417 SB Ramps to US 17-92	1.08	26.6	C			29.8	B			29.1	B			22.1	C	17.9	D	34.1	B	26.6	C	22.8	C	20.2	D	30.7	B	24.2	C	23.0	C	19.2	D	27.1	C	22.8	C	33.9	B	26.4	C
US 17-92 to Live Oak Blvd.	0.24	26.7	C	27.1	C	23.0	C	27.6	C	22.2	C	27.5	C	27.0	C			16.4	E			31.4	B			26.2	C			21.2	D			23.2	C			23.2	C		
Live Oak Blvd. to Hidden Lake Dr.	0.17	40.5	A	40.5	A	27.2	C	27.2	C	26.6	C	26.6	C	30.0	B	28.1	B	27.4	C	19.5	D	33.1	B	32.1	B	21.2	D	23.9	C	35.2	A	25.4	C	34.0	B	26.7	C	37.8	A	27.6	C
Hidden Lake Dr. to Art/College Ln.	0.33	28.3	B			30.4	B			31.4	B			25.9	C			33.6	B			29.6	B			32.9	B			25.5	C			34.0	B			29.6	B		
Art/College Ln. to Sir Lawrence Dr.	0.77	39.3	A	35.1	A	39.4	A	36.0	A	38.3	A	35.9	A	40.7	A	34.6	B	41.3	A	38.5	A	34.6	B	32.9	B	39.0	A	36.9	A	37.1	A	32.5	B	37.4	A	36.3	A	44.3	A	38.4	A
Sir Lawrence Dr. to RR Tracks	0.57																																								
RR Tracks to Country Club Rd.	0.06	23.3	C	23.3	C	23.7	C	23.7	C	19.5	D	19.5	D	16.6	E	16.6	E	17.7	D	17.7	D	17.5	D	17.5	D	20.8	D	20.8	D	22.6	C	22.6	C	13.2	E	13.2	E	16.6	E	16.6	E
County Club Rd. to 4th St./Lake Mary Elem. Sch.	0.13	35.4	A			41.5	A			36.4	A			38.0	A			36.7	A			26.7	C			37.9	A			34.3	B			31.3	B			36.0	A		
4th St./Lake Mary Elem. Sch. to Longwood Lake Mary Rd.	0.57	41.3	A	40.1	A	43.9	A	43.5	A	31.5	B	32.3	B	34.0	B	34.7	B	38.3	A	38.0	A	33.3	B	31.9	B	32.6	B	33.4	B	28.5	B	29.4	B	28.2	B	28.7	B	24.5	C	26.0	C
Longwood Lake Mary Rd. to Forest Blvd.	0.53	44.3	A			44.0	A			36.0	A			39.0	A			41.7	A			37.9	A			38.6	A			41.0	A			37.2	A			37.7	A		
Forest Blvd. to Rinehart Rd.	0.31	11.7	F	22.2	C	14.7	E	25.7	C	26.8	C	32.0	B	13.0	E	22.7	C	18.5	D	28.6	B	17.6	D	26.8	C	16.2	E	25.8	C	14.5	E	24.8	C	19.6	D	28.2	B	29.0	B	34.1	B
Rinehart Rd. to Sun Dr.	0.31	15.5	E			13.9	E			38.3	A			29.2	B			34.1	B			25.1	C			33.1	B			39.2	A			18.8	D			28.2	B		
Sun Dr. to Lake Mary Center	0.16	30.2	B			29.8	B			9.1	F			9.1	F			9.0	F			9.3	F			8.6	F			38.4	A			10.7	F			20.4	D		
Lake Mary Center to Lake Emma Rd.	0.17	19.5	D	18.7	D	24.2	C	18.3	D	18.0	D	18.6	D	20.5	D	17.8	D	21.9	D	18.9	D	8.0	F	12.8	F	9.1	F	14.0	E	5.1	F	14.7	E	5.3	F	10.3	F	10.3	F	18.5	D
Lake Emma Rd. to I-4 EB Ramps	0.21	17.6	D	17.6	D	29.2	B	29.2	B	43.8	A	43.8	A	40.9	A	40.9	A	39.7	A	39.7	A	39.4	A	39.4	A	41.2	A	41.2	A	42.6	A	42.6	A	38.8	A	38.8	A	44.0	A	44.0	A
I-4 EB Ramps to I-4 WB Ramps	0.27	42.7	A			36.9	A			22.1	C			17.3	D			20.2	D			21.3	D			18.1	D			44.6	A			41.1	A			35.5	A		
I-4 WB Ramps to International Pkwy.	0.16	5.5	F			6.6	F			27.9	C			31.6	B			32.7	B			20.0	D			7.1	F			19.2	D			10.2	F			11.9	F		
International Pkwy. to Heathrow Blvd.	0.19	28.0	C			25.2	C			42.2	A			42.2	A			39.8	A			38.0	A			24.3	C			30.8	B			24.3	C			22.8	C		
Heathrow Blvd. to Markham Woods Rd.	0.66	38.9	A	22.4	C	24.1	C	19.6	D	35.6	A	31.3	B	32.8	B	28.3	B	36.3	A	31.1	B	28.1	B	26.2	C	29.1	B	18.9	D	26.8	C	28.2	B	25.1	C	22.6	C	35.4	A	26.5	C
Average				25.6	C			25.8	C			28.1	B			30.5	B			33.7	B			28.9	B			29.7	B			30.4	B			27.5	C			31.9	B

Note : * Till Year 2007, the segment was used to be Ohio Ave. to Sanford Ave

Note : * *Till Year 2007, the segment was used to be Sanford Airport to Ohio Ave.

TABLE C19.1a
Year 2014 Seminole County Travel Time & Delay Study
Lockwood Boulevard - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
McCulloch Rd. to School Entrances	1.18	----	----	----	----	----	----	----	----	----	----	----	----	34.8	A			33.1	A			32.3	A			32.2	A			32.4	A			32.7	A			33.5	A		
School Entrances to Old Lockwood Rd.	0.69	----	----	----	----	----	----	----	----	----	----	----	----	31.5	A	33.5	A	33.0	A	33.1	A	34.5	A	33.0	A	32.7	A	32.4	A	32.7	A	32.5	A	31.9	A	32.4	A	33.3	A	33.5	A
Old Lockwood Rd. to Riviera Blvd.	0.58	----	----	----	----	----	----	----	----	----	----	----	----	37.0	A			38.3	A			36.7	A			33.5	A			32.9	A			34.9	A			34.5	A		
Riviera Blvd. to Mitchell Hammock Rd.	1.17	----	----	----	----	----	----	----	----	----	----	----	----	36.0	A			31.1	A			31.5	A			32.0	A			30.1	A			34.8	A			29.9	B		
Mitchell Hammock Rd. to CR 419	0.23	----	----	----	----	----	----	----	----	----	----	----	----	7.6	F	25.1	B	29.4	B	32.7	A	11.3	E	26.4	B	7.9	F	23.7	C	11.0	E	25.4	B	8.4	F	25.3	B	6.2	F	21.1	C
Average																28.6	B			32.9	A			29.3	B			27.2	B			28.4	B			28.3	B			25.7	B
PM PEAK HOUR																																									
McCulloch Rd. to School Entrances	1.18	----	----	----	----	----	----	----	----	----	----	----	----	36.5	A			36.6	A			36.4	A			33.4	A			32.8	A			34.7	A			34.9	A		
School Entrances to Old Lockwood Rd.	0.69	----	----	----	----	----	----	----	----	----	----	----	----	36.9	A	36.7	A	37.9	A	37.1	A	37.9	A	36.9	A	35.0	A	33.8	A	33.3	A	33.0	A	35.6	A	35.0	A	35.3	A	35.0	A
Old Lockwood Rd. to Riviera Blvd.	0.58	----	----	----	----	----	----	----	----	----	----	----	----	37.8	A			39.5	A			37.6	A			34.9	A			33.2	A			34.5	A			35.3	A		
Riviera Blvd. to Mitchell Hammock Rd.	1.17	----	----	----	----	----	----	----	----	----	----	----	----	32.8	A			24.7	B			32.6	A			31.9	A			25.7	B			26.2	B			24.5	B		
Mitchell Hammock Rd. to CR 419	0.23	----	----	----	----	----	----	----	----	----	----	----	----	10.6	E	27.3	B	22.0	C	27.3	B	7.4	F	23.3	C	11.6	E	26.9	B	11.0	E	23.4	C	9.7	F	23.1	C	9.4	F	22.2	C
Average																31.1	A			31.3	A			28.5	B			29.9	B			27.3	B			27.7	B			27.0	B

TABLE C19.1b
Year 2014 Seminole County Travel Time & Delay Study
Lockwood Boulevard - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
CR 419 to Mitchell Hammock Rd.	0.22	----	----	----	----	----	----	----	----	----	----	----	----	17.4	D			11.5	E			17.9	D			19.7	C			15.0	D			14.1	D			15.8	D		
Mitchell Hammock Rd. to Riviera Blvd.	1.21	----	----	----	----	----	----	----	----	----	----	----	----	37.2	A			39.3	A			34.3	A			30.8	A			32.5	A			34.7	A			34.5	A		
Riviera Blvd. to Old Lockwood Rd.	0.57	----	----	----	----	----	----	----	----	----	----	----	----	37.8	A	33.2	A	39.0	A	30.1	A	37.6	A	31.4	A	33.9	A	29.6	B	33.2	A	28.6	B	36.0	A	29.8	B	35.3	A	30.4	A
Old Lockwood Rd. to School Entrances	0.54	----	----	----	----	----	----	----	----	----	----	----	----	34.7	A			32.2	A			27.2	B			29.5	B			32.1	A			31.9	A			29.5	B		
School Entrances to McCulloch Rd.	1.32	----	----	----	----	----	----	----	----	----	----	----	----	23.7	C	26.1	B	27.6	B	29.0	B	26.9	B	27.0	B	25.5	B	26.7	B	26.4	B	28.0	B	22.1	C	24.5	B	27.1	B	27.8	B
Average																29.4	B			29.5	B			29.0	B			28.1	B			28.3	B			27.0	B			29.1	B
PM PEAK HOUR																																									
CR 419 to Mitchell Hammock Rd.	0.22	----	----	----	----	----	----	----	----	----	----	----	----	16.3	D			8.6	F			11.6	E			8.2	F			9.3	F			6.9	F			6.9	F		
Mitchell Hammock Rd. to Riviera Blvd.	1.21	----	----	----	----	----	----	----	----	----	----	----	----	36.6	A			39.4	A			37.4	A			34.2	A			33.5	A			35.0	A			35.2	A		
Riviera Blvd. to Old Lockwood Rd.	0.57	----	----	----	----	----	----	----	----	----	----	----	----	37.3	A	32.3	A	39.9	A	27.2	B	38.5	A	29.3	B	33.9	A	24.7	B	33.2	A	25.5	B	35.6	A	23.6	C	35.3	A	23.5	C
Old Lockwood Rd. to School Entrances	0.54	----	----	----	----	----	----	----	----	----	----	----	----	36.9	A			37.5	A			38.4	A			33.0	A			31.9	A			35.3	A			35.0	A		
School Entrances to McCulloch Rd.	1.32	----	----	----	----	----	----	----	----	----	----	----	----	29.0	B	30.9	A	31.8	A	33.5	A	23.2	C	26.7	B	17.4	D	20.5	C	20.3	C	23.0	C	32.2	A	33.2	A	24.8	B	27.3	B
Average																31.6	A			30.1	A			28.0	B			22.5	C			24.2	B			27.4	B			25.2	B

TABLE C20.1a
Year 2014 Seminole County Travel Time & Delay Study
Maitland Avenue - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
Orange County Line to Oranole Rd.	0.24	-	-			-	-			-	-			-	-		
Oranole Rd. to Spring Lake Rd.	0.24	23.9	C			29.3	B			20.8	D			22.7	C		
Spring Lake Rd. to Ballard St.	0.40	39.6	A			34.1	B			32.5	B			29.3	B		
Ballard St. to Highland Dr.	0.22	43.7	A			39.6	A			40.6	A			40.6	A		
Highland Dr. to Orienta Dr.	0.32	35.6	A			33.8	B			33.0	B			27.5	C		
Orienta Dr. to SR 436	0.16	12.4	F	28.8	B	13.8	E	28.9	B	5.9	F	20.8	D	7.8	F	22.1	C
Average				28.8	B			28.9	B			20.8	D			22.1	C
PM PEAK HOUR																	
Orange County Line to Oranole Rd.	0.24	-	-			-	-			-	-			-	-		
Oranole Rd. to Spring Lake Rd.	0.24	24.0	C			32.0	B			28.8	B			26.8	C		
Spring Lake Rd. to Ballard St.	0.40	32.7	B			29.7	B			32.5	B			33.8	B		
Ballard St. to Highland Dr.	0.22	38.5	A			36.0	A			40.6	A			39.4	A		
Highland Dr. to Orienta Ave.	0.32	28.5	B			28.5	B			30.9	B			27.5	C		
Orienta Ave. to SR 436	0.16	14.1	E	26.7	C	11.0	F	25.6	C	7.1	F	22.9	C	7.1	F	22.6	C
Average				26.7	C			25.6	C			22.9	C			22.6	C

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
Orange County Line to Oranole Rd.	-	-			-	-			28.8	B			29.4	B			26.3	C			29.4	B		
Oranole Rd. to Spring Lake Rd.	25.2	C			30.0	B			20.6	D			25.3	C			28.8	B			25.7	C		
Spring Lake Rd. to Ballard St.	29.2	B			35.3	A			32.4	B			33.3	B			30.4	B			27.6	C		
Ballard St. to Highland Dr.	34.9	B			39.4	A			33.8	B			37.7	A			35.7	A			34.7	B		
Highland Dr. to Orienta Dr.	29.4	B			38.8	A			30.5	B			33.7	B			33.1	B			37.6	A		
Orienta Dr. to SR 436	21.1	D	28.0	C	9.6	F	27.4	C	8.3	F	23.0	C	9.1	F	25.3	C	5.4	F	20.8	D	10.2	F	25.3	C
Average			28.0	C			27.4	C			23.0	C			25.3	C			20.8	D			25.3	C
PM PEAK HOUR																								
Orange County Line to Oranole Rd.	-	-			-	-			25.0	C			35.7	A			27.3	C			25.9	C		
Oranole Rd. to Spring Lake Rd.	22.7	C			26.3	C			27.2	C			30.6	B			28.2	B			26.2	C		
Spring Lake Rd. to Ballard St.	26.3	C			36.4	A			28.2	B			32.9	B			30.8	B			34.3	B		
Ballard St. to Highland Dr.	34.4	B			39.4	A			34.7	B			36.7	A			31.4	B			36.7	A		
Highland Dr. to Orienta Ave.	25.4	C			37.4	A			32.5	B			33.1	B			28.7	B			37.6	A		
Orienta Ave. to SR 436	13.8	E	23.9	C	5.7	F	22.2	C	5.4	F	20.2	D	8.7	F	26.1	C	4.6	F	19.0	D	5.3	F	21.1	D
Average			23.9	C			22.2	C			20.2	D			26.1	C			19.0	D			21.1	D

TABLE C20.1b
Year 2014 Seminole County Travel Time & Delay Study
Maitland Avenue - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
SR 436 to Orienta Ave.	0.15	22.6	C			21.6	D			18.4	D			23.7	C		
Orienta Ave. to Highland Dr.	0.32	34.8	B			39.8	A			32.5	B			33.0	B		
Highland Dr. to Ballard St.	0.22	34.6	B			33.5	B			27.1	C			25.1	C		
Ballard St. to Spring Lake Rd.	0.40	38.0	A			30.5	B			31.6	B			22.9	C		
Spring Lake Rd. to Oranole Rd.	0.25	29.0	B	32.6	B	33.6	B	31.9	B	20.5	D	26.8	C	20.3	D	24.6	C
Oranole Rd. to Orange County Line	0.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average				32.6	B			31.9	B			26.8	C			24.6	C
PM PEAK HOUR																	
SR 436 to Orienta Ave.	0.15	19.1	D			20.2	D			20.5	D			25.0	C		
Orienta Ave. to Highland Dr.	0.32	39.0	A			38.4	A			32.5	B			32.5	B		
Highland Dr. to Ballard St.	0.22	37.5	A			28.5	B			28.7	B			27.1	C		
Ballard St. to Spring Lake Rd.	0.40	38.1	A			31.6	B			32.9	B			33.3	B		
Spring Lake Rd. to Oranole Rd.	0.25	32.4	B	33.4	B	24.8	C	29.1	B	30.6	B	30.1	B	25.9	C	29.4	B
Oranole Rd. to Orange County Line	0.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average				33.4	B			29.1	B			30.1	B			29.4	B

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
SR 436 to Orienta Ave.	19.6	D			26.5	C			29.1	B			18.8	D			27.4	C			25.3	C		
Orienta Ave. to Highland Dr.	37.2	A			39.6	A			36.9	A			36.9	A			39.2	A			36.9	A		
Highland Dr. to Ballard St.	23.5	C			39.4	A			35.7	A			33.0	B			29.3	B			25.9	C		
Ballard St. to Spring Lake Rd.	29.1	B			38.1	A			34.8	B			31.2	B			31.2	B			32.0	B		
Spring Lake Rd. to Oranole Rd.	29.5	B	27.9	C	30.0	B	35.2	A	23.6	C			33.5	B			36.0	A			23.2	C		
Oranole Rd. to Orange County Line	-	-	-	-	-	-	-	-	34.1	B	32.2	B	37.5	A	31.5	B	37.5	A	33.4	B	34.1	B	29.6	B
Average			27.9	C			35.2	A			32.2	B			31.5	B			33.4	B			29.6	B
PM PEAK HOUR																								
SR 436 to Orienta Ave.	18.9	D			25.7	C			21.8	D			25.9	C			30.0	B			26.7	C		
Orienta Ave. to Highland Dr.	36.7	A			33.0	B			36.9	A			39.2	A			40.8	A			39.2	A		
Highland Dr. to Ballard St.	26.4	C			36.3	A			37.7	A			25.4	C			30.0	B			37.7	A		
Ballard St. to Spring Lake Rd.	35.6	A			38.7	A			34.8	B			36.4	A			35.8	A			36.9	A		
Spring Lake Rd. to Oranole Rd.	25.4	C	29.0	B	29.4	B	33.2	B	20.3	D			25.3	C			30.6	B			25.3	C		
Oranole Rd. to Orange County Line	-	-	-	-	-	-	-	-	31.9	B	30.0	B	37.5	A	31.7	B	36.6	A	34.3	B	34.9	B	33.5	B
Average			29.0	B			33.2	B			30.0	B			31.7	B			34.3	B			33.5	B

TABLE C21.1a
Year 2014 Seminole County Travel Time & Delay Study
Markham Woods Road - Northound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
New Signal - Douglas Ave. to SR 434**	0.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SR 434 to Spring Landing Blvd.	0.98	-	-	-	-	-	-	-	-	43.8	A	43.8	A	43.0	A	43.0	A
Spring Landing Blvd. to E.E. Williamson Rd.	0.77	-	-	-	-	-	-	-	-	33.9	B	33.9	B	37.5	A	37.5	A
E.E. Williamson Blvd. to Wingfield Dr./Glen Ethel Ln.*	0.69	42.2	A			40.7	A			37.9	A			38.8	A	38.8	A
Wingfield Dr./Glen Ethel Ln. to Wingfield Dr./Spanish Oaks Tr.	0.62	46.4	A			46.8	A			43.0	A			-	-	-	-
Wingfield Dr./Spanish Oak Tr. to Vista Oak Dr.	0.67	45.9	A			45.1	A			41.1	A			-	-	-	-
Vista Oak Dr. to Alaqua Dr.	0.27	45.4	A			45.4	A			36.4	A			-	-	-	-
Alaqua Dr. to Lake Mary Blvd.	0.88	24.2	C	36.3	A	27.7	C	37.9	A	26.6	C	34.8	B	-	-	-	-
Lake Mary Blvd. to Bridgewater Dr.	0.43	38.2	A			30.7	B			35.3	A			-	-	-	-
Bridgewater Dr. to Greentree Ln.	0.42	45.6	A			45.1	A			40.1	A			-	-	-	-
Greentree Ln. to Carter Rd.	0.78	43.4	A			40.5	A			40.4	A			-	-	-	-
Carter Rd. to Markham Rd.	0.90	22.8	C	32.7	B	39.8	A	38.7	A	24.2	C	32.2	B	-	-	-	-
Average				34.6	B			38.2	A			34.8	B			40.0	A
PM PEAK HOUR																	
New Signal - Douglas Ave to SR 434**	0.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SR 434 to Spring Landing Blvd.	0.98	-	-	-	-	-	-	-	-	41.6	A	41.6	A	44.3	A	44.3	A
Spring Landing Blvd. to E.E. Williamson Rd.	0.77	-	-	-	-	-	-	-	-	36.5	A	36.5	A	32.2	B	32.2	B
E.E. Williamson Blvd. to Wingfield Dr./Glen Ethel Ln.*	0.69	44.2	A			39.6	A			39.1	A			41.1	A	41.1	A
Wingfield Dr./Glen Ethel Ln. to Wingfield Dr./Spanish Oaks Tr.	0.62	48.7	A			45.6	A			47.1	A			-	-	-	-
Wingfield Dr./Spanish Oak Tr. to Vista Oak Dr.	0.67	46.3	A			45.9	A			46.2	A			-	-	-	-
Vista Oak Dr. to Alaqua Dr.	0.27	46.8	A			45.8	A			45.3	A			-	-	-	-
Alaqua Dr. to Lake Mary Blvd.	0.88	36.6	A	43.2	A	32.7	B	40.0	A	30.6	B	38.6	A	-	-	-	-
Lake Mary Blvd. to Bridgewater Dr.	0.43	40.3	A			40.5	A			29.2	B			-	-	-	-
Bridgewater Dr. to Greentree Ln.	0.42	45.8	A			44.5	A			44.0	A			-	-	-	-
Greentree Ln. to Carter Rd.	0.78	45.3	A			43.8	A			43.6	A			-	-	-	-
Carter Rd. to Markham Rd.	0.90	38.6	A	41.9	A	38.9	A	41.5	A	40.9	A	39.3	A	-	-	-	-
Average				42.6	A			40.7	A			39.3	A			38.6	A

Roadway Segments	Distance (mile)	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																									
New Signal - Douglas Ave. to SR 434**	0.15	2.8	F			4.4	F			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SR 434 to Spring Landing Blvd.	0.98	41.7	A	14.6	E	42.4	A	18.7	D	40.3	A	40.3	A	41.7	A	41.7	A	40.6	A	40.6	A	40.3	A	40.3	A
Spring Landing Blvd. to E.E. Williamson Rd.	0.77	31.9	B	31.9	B	35.6	A	35.6	A	32.7	B	32.7	B	27.2	C	27.2	C	30.6	B	30.6	B	21.0	D	21.0	D
E.E. Williamson Blvd. to Wingfield Dr./Glen Ethel Ln.*	0.69	39.2	A	39.2	A	33.7	B	33.7	B	39.1	A			38.0	A			33.4	B			36.6	A		
Wingfield Dr./Glen Ethel Ln. to Wingfield Dr./Spanish Oaks Tr.	0.62	-	-	-	-	-	-	-	-	41.5	A			41.5	A			42.0	A			42.0	A		
Wingfield Dr./Spanish Oak Tr. to Vista Oak Dr.	0.67	-	-	-	-	-	-	-	-	40.0	A			39.6	A			43.6	A			41.9	A		
Vista Oak Dr. to Alaqua Dr.	0.27	-	-	-	-	-	-	-	-	41.0	A			43.1	A			42.0	A			42.0	A		
Alaqua Dr. to Lake Mary Blvd.	0.88	-	-	-	-	-	-	-	-	27.9	C	35.8	A	26.0	C	34.7	B	24.4	C	33.6	B	28.5	B	36.1	A
Lake Mary Blvd. to Bridgewater Dr.	0.43	-	-	-	-	-	-	-	-	38.8	A			38.3	A			40.0	A			36.2	A		
Bridgewater Dr. to Greentree Ln.	0.42	-	-	-	-	-	-	-	-	41.3	A			42.0	A			44.2	A			39.4	A		
Greentree Ln. to Carter Rd.	0.78	-	-	-	-	-	-	-	-	40.0	A			39.3	A			43.6	A			38.7	A		
Carter Rd. to Markham Rd.	0.90	-	-	-	-	-	-	-	-	37.1	A	38.9	A	31.6	B	36.4	A	33.8	B	39.1	A	31.2	B	35.4	A
Average				20.9	D			24.7	C			37.0	A			35.0	A			35.8	A			33.8	B
PM PEAK HOUR																									
New Signal - Douglas Ave to SR 434**	0.15	2.1	F			3.4	F			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SR 434 to Spring Landing Blvd.	0.98	38.5	A	11.6	F	40.1	A	15.6	E	39.7	A	39.7	A	40.8	A	40.8	A	42.3	A	42.3	A	40.0	A	40.0	A
Spring Landing Blvd. to E.E. Williamson Rd.	0.77	27.1	C	27.1	C	30.0	B	30.0	B	28.0	B	28.0	B	37.4	A	37.4	A	27.9	C	27.9	C	29.1	B	29.1	B
E.E. Williamson Blvd. to Wingfield Dr./Glen Ethel Ln.*	0.69	33.9	B	33.9	B	34.9	B	34.9	B	37.3	A			40.6	A			40.2	A			38.3	A		
Wingfield Dr./Glen Ethel Ln. to Wingfield Dr./Spanish Oaks Tr.	0.62	-	-	-	-	-	-	-	-	41.0	A			42.5	A			44.2	A			42.0	A		
Wingfield Dr./Spanish Oak Tr. to Vista Oak Dr.	0.67	-	-	-	-	-	-	-	-	40.0	A			42.4	A			43.6	A			42.8	A		
Vista Oak Dr. to Alaqua Dr.	0.27	-	-	-	-	-	-	-	-	41.0	A			43.1	A			44.2	A			42.0	A		
Alaqua Dr. to Lake Mary Blvd.	0.88	-	-	-	-	-	-	-	-	25.2	C	34.1	B	24.6	C	35.1	A	31.1	B	38.7	A	26.8	C	35.7	A
Lake Mary Blvd. to Bridgewater Dr.	0.43	-	-	-	-	-	-	-	-	38.8	A			39.4	A			38.8	A			37.7	A		
Bridgewater Dr. to Greentree Ln.	0.42	-	-	-	-	-	-	-	-	45.0	A			42.0	A			42.7	A			40.6	A		
Greentree Ln. to Carter Rd.	0.78	-	-	-	-	-	-	-	-	42.9	A			40.0	A			42.5	A			39.3	A		
Carter Rd. to Markham Rd.	0.90	-	-	-	-	-	-	-	-	35.1	A	39.4	A	36.8	A	39.0	A	37.3	A	39.9	A	36.8	A	38.3	A
Average				17.0	D			21.2	D			35.6	A			37.3	A			38.0	A			36.2	A

Note: * From the Year 2008 the segment limits will be E.E.Williamson Blvd to Dixon Rd. and the segment length will be 0.48 Mile

Note: ** From the Year 2009 additional control point has been considered as a "New Signal - Douglas Ave" approximately 0.15 Mile south of SR 434

TABLE C21.1b
Year 2014 Seminole County Travel Time & Delay Study
Markham Woods Road - Southound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
Markham Rd. to Carter Rd.	0.89	36.6	A			38.9	A			36.7	A			-	-	-	-
Carter Rd. to Greentree Ln.	0.79	43.7	A			42.9	A			41.7	A			-	-	-	-
Greentree Ln. to Bridgewater Dr.	0.42	46.4	A			44.0	A			42.8	A			-	-	-	-
Bridgewater Dr. to Lake Mary Blvd.	0.45	27.5	C	37.7	A	26.1	C	37.6	A	26.2	C	36.5	A	-	-	-	-
Lake Mary Blvd. to Alaqua Dr.	0.86	45.3	A			32.4	B			44.4	A			-	-	-	-
Alaqua Dr. to Vista Oak Dr.	0.28	45.7	A			45.5	A			44.1	A			-	-	-	-
Vista Oak Dr. to Wingfield Dr./Spanish Oaks Tr.	0.72	47.3	A			46.4	A			45.1	A			-	-	-	-
Wingfield Dr./Spanish Oaks Tr. to Wingfield Dr./Glen Ethel Ln.	0.63	42.4	A			44.0	A			37.8	A			-	-	-	-
Wingfield Dr./Glen Ethel Ln. to E.E. Williamson Rd.*	0.62	30.1	B	40.8	A	23.6	C	34.6	B	14.9	E	30.4	B	22.3	C	22.3	C
E.E. Williamson Rd. to Spring Landing Blvd.	0.78	-	-	-	-	-	-	-	-	32.9	B	32.9	B	28.2	B	28.2	B
Spring Landing Blvd. to SR 434	0.98	-	-	-	-	-	-	-	-	12.1	F	12.1	F	18.0	D	18.0	D
SR 434 to New Signal - Douglas Ave.	0.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average				39.4	A			35.9	A			26.9	C			21.7	D
PM PEAK HOUR																	
Markham Rd. to Carter Rd.	0.89	37.1	A			41.6	A			40.0	A			-	-	-	-
Carter Rd. to Greentree Ln.	0.79	41.4	A			45.7	A			42.4	A			-	-	-	-
Greentree Ln. to Bridgewater Dr.	0.42	44.0	A			46.3	A			43.9	A			-	-	-	-
Bridgewater Dr. to Lake Mary Blvd.	0.45	23.7	C	35.8	A	27.5	C	39.9	A	27.4	C	38.2	A	-	-	-	-
Lake Mary Blvd. to Alaqua Dr.	0.86	42.1	A			38.0	A			42.6	A			-	-	-	-
Alaqua Dr. to Vista Oak Dr.	0.28	44.4	A			44.9	A			43.1	A			-	-	-	-
Vista Oak Dr. to Wingfield Dr./Spanish Oaks Tr.	0.72	40.8	A			45.8	A			44.9	A			-	-	-	-
Wingfield Dr./Spanish Oaks Tr. to Wingfield Dr./Glen Ethel Ln.	0.63	42.3	A			42.4	A			44.7	A			-	-	-	-
Wingfield Dr./Glen Ethel Ln. to E.E. Williamson Rd.*	0.62	41.5	A	41.9	A	37.9	A	41.0	A	34.3	B	41.3	A	39.5	A	39.5	A
E.E. Williamson Rd. to Spring Landing Blvd.	0.78	-	-	-	-	-	-	-	-	41.4	A	41.4	A	44.0	A	44.0	A
Spring Landing Blvd. to SR 434	0.98	-	-	-	-	-	-	-	-	16.4	E	16.4	E	26.4	C	26.4	C
SR 434 to New Signal - Douglas Ave.	0.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average				38.9	A			40.5	A			33.7	B			33.6	B

Roadway Segments	Distance (mile)	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																									
Markham Rd. to Carter Rd.	0.89	-	-	-	-	-	-	-	-	30.7	B			32.8	B			36.1	A			34.2	B		
Carter Rd. to Greentree Ln.	0.79	-	-	-	-	-	-	-	-	39.3	A			39.7	A			37.8	A			38.1	A		
Greentree Ln. to Bridgewater Dr.	0.42	-	-	-	-	-	-	-	-	41.3	A			42.7	A			44.2	A			40.0	A		
Bridgewater Dr. to Lake Mary Blvd.	0.45	-	-	-	-	-	-	-	-	24.9	C	33.0	B	27.2	C	34.8	B	27.2	C	35.7	A	24.0	C	33.6	B
Lake Mary Blvd. to Alaqua Dr.	0.86	-	-	-	-	-	-	-	-	38.1	A			40.5	A			42.4	A			39.8	A		
Alaqua Dr. to Vista Oak Dr.	0.28	-	-	-	-	-	-	-	-	41.0	A			41.0	A			43.1	A			42.0	A		
Vista Oak Dr. to Wingfield Dr./Spanish Oaks Tr.	0.72	-	-	-	-	-	-	-	-	41.1	A			41.9	A			43.6	A			41.9	A		
Wingfield Dr./Spanish Oaks Tr. to Wingfield Dr./Glen Ethel Ln.	0.63	-	-	-	-	-	-	-	-	40.0	A			41.0	A			42.5	A			41.0	A		
Wingfield Dr./Glen Ethel Ln. to E.E. Williamson Rd.*	0.62	25.9	C	25.9	C	24.6	C	24.6	C	27.6	C	36.2	A	23.7	C	35.3	A	22.3	C	35.6	A	19.9	D	33.2	B
E.E. Williamson Rd. to Spring Landing Blvd.	0.78	40.8	A	40.8	A	32.3	B	32.3	B	33.9	B	33.9	B	40.3	A	40.3	A	31.8	B	31.8	B	25.2	C	25.2	C
Spring Landing Blvd. to SR 434	0.98	13.8	E			14.5	E			19.0	D	19.0	D	20.6	D	20.6	D	15.2	E	15.2	E	17.1	D	17.1	D
SR 434 to New Signal - Douglas Ave.	0.14	28.0	C	14.8	E	21.7	D	15.3	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average				21.1	D			20.2	D			31.2	B			32.5	B			30.0	B			28.8	B
PM PEAK HOUR																									
Markham Rd. to Carter Rd.	0.89	-	-	-	-	-	-	-	-	35.8	A			37.6	A			38.7	A			37.9	A		
Carter Rd. to Greentree Ln.	0.79	-	-	-	-	-	-	-	-	42.1	A			40.3	A			42.9	A			38.7	A		
Greentree Ln. to Bridgewater Dr.	0.42	-	-	-	-	-	-	-	-	44.2	A			41.3	A			44.2	A			40.6	A		
Bridgewater Dr. to Lake Mary Blvd.	0.45	-	-	-	-	-	-	-	-	20.2	D	33.9	B	25.4	C	35.9	A	28.4	B	38.2	A	29.0	B	36.6	A
Lake Mary Blvd. to Alaqua Dr.	0.86	-	-	-	-	-	-	-	-	39.0	A			40.5	A			40.5	A			41.4	A		
Alaqua Dr. to Vista Oak Dr.	0.28	-	-	-	-	-	-	-	-	40.0	A			44.2	A			43.1	A			44.2	A		
Vista Oak Dr. to Wingfield Dr./Spanish Oaks Tr.	0.72	-	-	-	-	-	-	-	-	40.0	A			43.2	A			43.6	A			41.9	A		
Wingfield Dr./Spanish Oaks Tr. to Wingfield Dr./Glen Ethel Ln.	0.63	-	-	-	-	-	-	-	-	39.1	A			42.0	A			42.5	A			38.6	A		
Wingfield Dr./Glen Ethel Ln. to E.E. Williamson Rd.*	0.62	21.8	D	21.8	D	35.3	A	35.3	A	32.6	B	37.7	A	32.9	B	39.6	A	39.4	A	41.5	A	27.1	C	36.9	A
E.E. Williamson Rd. to Spring Landing Blvd.	0.78	37.7	A	37.7	A	43.8	A	43.8	A	39.3	A	39.3	A	41.4	A	41.4	A	43.7	A	43.7	A	40.7	A	40.7	A
Spring Landing Blvd. to SR 434	0.98	12.9	F			12.4	F			21.5	D	21.5	D	21.3	D	21.3	D	27.5	C	27.5	C	23.4	C	23.4	C
SR 434 to New Signal - Douglas Ave.	0.14	25.7	C	13.7	E	36.4	A	13.7	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average				19.2	D			20.8	D			33.2	B			34.6	B			38.0	A			34.5	B

Note: * From the Year 2008 the segment limits will be Dixon Rd.to E.E.Williamson Blvd and the segment length will be 0.48 Mile

Note: ** From the Year 2009 additional control point has been considered as a "New Signal - Douglas Ave" approximately 0.15 Mile south of SR 434

TABLE C22.1a
Year 2014 Seminole County Travel Time & Delay Study
McCulloch Road - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS
AM PEAK HOUR																	
Rouse Rd. to SR 434 *	1.00	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
SR 434 to Lockwood Blvd.	0.93	----	----	----	----	----	----	----	----	----	----	----	----	30.8	B	30.8	B
Lockwood Blvd. to Old Lockwood Rd.	1.06	----	----	----	----	----	----	----	----	----	----	----	----	38.8	A	38.8	A
Average																34.6	B
PM PEAK HOUR																	
Rouse Rd. to SR 434 *	1.00	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
SR 434 to Lockwood Blvd.	0.93	----	----	----	----	----	----	----	----	----	----	----	----	22.4	C	22.4	C
Lockwood Blvd. to Old Lockwood Rd.	1.06	----	----	----	----	----	----	----	----	----	----	----	----	13.3	E	13.3	E
Average																16.4	E

Roadway Segments	Distance (mile)	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS
AM PEAK HOUR																	
Rouse Rd. to SR 434 *	1.00	----	----	----	----	----	----	----	----	16.9	C	16.9	C	19.2	B	19.2	B
SR 434 to Lockwood Blvd.	0.93	29.9	B	29.9	B	33.3	B	33.3	B	28.6	B	28.6	B	29.1	B	29.1	B
Lockwood Blvd. to Old Lockwood Rd.	1.06	39.1	A	39.1	A	36.8	A	36.8	A	27.7	C	27.7	C	29.7	B	29.7	B
Average				34.1	B			35.1	A			23.0	C			25.0	C
PM PEAK HOUR																	
Rouse Rd. to SR 434 *	1.00	----	----	----	----	----	----	----	----	15.0	C	15.0	C	13.5	C	13.5	C
SR 434 to Lockwood Blvd.	0.93	25.6	C	25.6	C	23.1	C	23.1	C	30.6	B	30.6	B	23.0	C	23.0	C
Lockwood Blvd. to Old Lockwood Rd.	1.06	17.7	D	17.7	D	27.8	C	27.8	C	27.3	C	27.3	C	25.4	C	25.4	C
Average				20.7	D			25.3	C			22.1	C			19.2	D

Roadway Segments	Distance (mile)	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR									
Rouse Rd. to SR 434 *	1.00	24.3	B	24.3	B	19.5	B	19.5	B
SR 434 to Lockwood Blvd.	0.93	23.8	C	23.8	C	27.3	C	27.3	C
Lockwood Blvd. to Old Lockwood Rd.	1.06	29.7	B	29.7	B	26.5	C	26.5	C
Average				25.8	C			23.9	C
PM PEAK HOUR									
Rouse Rd. to SR 434 *	1.00	13.9	C	13.9	C	11.9	D	11.9	D
SR 434 to Lockwood Blvd.	0.93	20.8	D	20.8	D	28.1	B	28.1	B
Lockwood Blvd. to Old Lockwood Rd.	1.06	28.1	B	28.1	B	24.6	C	24.6	C
Average				19.4	D			18.7	D

TABLE C22.1b
Year 2014 Seminole County Travel Time & Delay Study
McCulloch Road - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS
AM PEAK HOUR																	
Old Lockwood Rd. to Lockwood Blvd.	1.04	----	----	----	----	----	----	----	----	----	----	----	----	32.3	B	32.3	B
Lockwood Blvd. to SR 434	0.94	----	----	----	----	----	----	----	----	----	----	----	----	20.5	D	20.5	D
SR 434 to Rouse Rd. *	1.00	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																25.4	C
PM PEAK HOUR																	
Old Lockwood Rd. to Lockwood Blvd.	1.04	----	----	----	----	----	----	----	----	----	----	----	----	29.4	B	29.4	B
Lockwood Blvd. to SR 434	0.94	----	----	----	----	----	----	----	----	----	----	----	----	20.7	D	20.7	D
SR 434 to Rouse Rd. *	1.00	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																24.5	C

Roadway Segments	Distance (mile)	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS
AM PEAK HOUR																	
Old Lockwood Rd. to Lockwood Blvd.	1.04	24.3	C	24.3	C	33.5	B	33.5	B	27.2	C	27.2	C	29.9	B	29.9	B
Lockwood Blvd. to SR 434	0.94	28.3	B	28.3	B	27.3	C	27.3	C	21.8	D	21.8	D	26.1	C	26.1	C
SR 434 to Rouse Rd. *	1.00	----	----	----	----	----	----	----	----	26.0	A	26.0	A	28.0	A	28.0	A
Average				26.1	C			30.2	B			24.9	C			28.0	C
PM PEAK HOUR																	
Old Lockwood Rd. to Lockwood Blvd.	1.04	23.8	C	23.8	C	29.6	B	29.6	B	29.7	B	29.7	B	26.1	C	26.1	C
Lockwood Blvd. to SR 434	0.94	32.4	B	32.4	B	23.8	C	23.8	C	27.1	C	27.1	C	23.8	C	23.8	C
SR 434 to Rouse Rd. *	1.00	----	----	----	----	----	----	----	----	27.5	A	27.5	A	32.8	A	32.8	A
Average				27.2	C			26.5	C			28.1	B			27.1	C

Roadway Segments	Distance (mile)	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR									
Old Lockwood Rd. to Lockwood Blvd.	1.04	25.6	C	25.6	C	28.8	B	28.8	B
Lockwood Blvd. to SR 434	0.94	23.8	C	23.8	C	23.1	C	23.1	C
SR 434 to Rouse Rd. *	1.00	30.9	A	30.9	A	28.8	A	28.8	A
Average				26.5	C			26.7	C
PM PEAK HOUR									
Old Lockwood Rd. to Lockwood Blvd.	1.04	26.5	C	26.5	C	35.1	A	35.1	A
Lockwood Blvd. to SR 434	0.94	19.5	D	19.5	D	22.0	C	22.0	C
SR 434 to Rouse Rd. *	1.00	31.6	A	31.6	A	31.9	A	31.9	A
Average				25.0	C			28.8	B

Note: *Additional control point added at Rouse Rd.

TABLE C23.1a
Year 2014 Seminole County Travel Time & Delay Study
Mitchell Hammock Road - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
SR 426 to SR 434	1.08	----	----	----	----	----	----	----	----	----	----	----	----	34.2	B			29.2	B			22.8	C			28.1	B			23.5	C			21.5	D			22.7	C		
SR 434 to Oviedo Blvd. /Division St.	0.47	----	----	----	----	----	----	----	----	----	----	----	----	42.7	A	36.4	A	40.4	A	31.9	B	43.1	A	26.5	C	31.7	B	29.1	B	42.7	A	27.2	C	36.2	A	24.5	C	37.6	A	25.8	C
Oviedo Blvd./Division St. to Alafaya Woods Blvd.	0.72	----	----	----	----	----	----	----	----	----	----	----	----	34.8	B			31.0	B			39.8	A			41.9	A			47.0	A			42.8	A			43.6	A		
Alafaya Woods Blvd. to Lockwood Blvd.	0.57	----	----	----	----	----	----	----	----	----	----	----	----	24.6	C	29.5	B	38.2	A	33.8	B	19.4	D	27.1	C	13.5	E	21.6	D	14.1	E	23.1	C	13.5	E	21.8	D	13.6	E	22.0	C
Average																32.9	B			32.7	B			26.8	C			25.1	C			25.1	C			23.2	C			23.9	C
PM PEAK HOUR																																									
SR 426 to SR 434	1.08	----	----	----	----	----	----	----	----	----	----	----	----	17.9	D			18.9	D			16.0	E			20.9	D			18.2	D			23.7	C			19.4	D		
SR 434 to Oviedo Blvd. /Division St.	0.47	----	----	----	----	----	----	----	----	----	----	----	----	27.4	C	20.0	D	32.4	B	21.6	D	36.3	A	19.3	D	41.5	A	24.6	C	36.6	A	21.4	D	40.9	A	27.2	C	32.0	B	22.0	C
Oviedo Blvd./Division St. to Alafaya Woods Blvd.	0.72	----	----	----	----	----	----	----	----	----	----	----	----	37.2	A			35.2	A			30.9	B			43.6	A			41.1	A			44.5	A			32.5	B		
Alafaya Woods Blvd. to Lockwood Blvd.	0.57	----	----	----	----	----	----	----	----	----	----	----	----	38.3	A	37.7	A	29.8	B	32.6	B	21.4	D	25.8	C	39.5	A	41.7	A	37.4	A	39.4	A	33.1	B	38.6	A	19.2	D	24.8	C
Average																25.3	C			25.4	C			21.8	D			30.3	B			27.1	C			31.4	B			23.2	C

TABLE C23.1b
Year 2014 Seminole County Travel Time & Delay Study
Mitchell Hammock Road - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
Lockwood Blvd. to Alafaya Woods Blvd.	0.56	----	----	----	----	----	----	----	----	----	----	----	----	26.6	C			29.6	B			26.9	C			25.0	C			25.2	C			22.5	C			32.5	B		
Alafaya Woods Blvd. to Oviedo Blvd./Division St.	0.71	----	----	----	----	----	----	----	----	----	----	----	----	37.2	A	31.6	B	38.3	A	33.8	B	30.4	B	28.8	B	41.5	A	32.1	B	37.6	A	30.8	B	34.3	B	27.8	C	31.5	B	32.0	B
Oviedo Blvd./Division St. to SR 434	0.48	----	----	----	----	----	----	----	----	----	----	----	----	20.0	D			23.4	C			17.9	D			20.4	D			16.7	E			18.7	D			15.3	E		
SR 434 to SR 426	1.06	----	----	----	----	----	----	----	----	----	----	----	----	23.0	C	22.0	D	25.9	C	25.1	C	29.7	B	24.8	C	41.0	A	31.4	B	27.3	C	22.9	C	32.9	B	26.7	C	29.2	B	22.9	C
Average																25.5	C			28.5	B			26.5	C			31.7	B			25.9	C			27.2	C			26.3	C
PM PEAK HOUR																																									
Lockwood Blvd. to Alafaya Woods Blvd.	0.56	----	----	----	----	----	----	----	----	----	----	----	----	33.1	B			31.7	B			31.4	B			40.9	A			40.9	A			41.4	A			33.8	B		
Alafaya Woods Blvd. to Oviedo Blvd./Division St.	0.71	----	----	----	----	----	----	----	----	----	----	----	----	38.4	A	35.8	A	34.6	B	33.2	B	35.5	A	33.5	B	26.3	C	31.3	B	29.4	B	33.6	B	27.0	C	32.0	B	26.7	C	29.4	B
Oviedo Blvd./Division St. to SR 434	0.48	----	----	----	----	----	----	----	----	----	----	----	----	17.8	D			21.0	D			16.9	E			22.9	C			26.1	C			14.5	E			22.4	C		
SR 434 to SR 426	1.06	----	----	----	----	----	----	----	----	----	----	----	----	40.4	A	29.0	B	38.5	A	30.6	B	28.7	B	23.7	C	40.0	A	32.6	B	17.3	D	19.3	D	32.9	B	23.8	C	35.0	A	29.9	B
Average																31.8	B			31.7	B			27.4	C			32.0	B			23.9	C			26.9	C			29.7	B

TABLE C24.1a
Year 2014 Seminole County Travel Time & Delay Study
Montgomery Road - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
SR 436 to Tamarack St.	0.50	39.5	A			33.0	B			41.1	A			38.0	A		
Tamarack St. to Central Pkwy.	0.24	13.1	E	24.8	C	15.8	E	24.8	C	18.2	D	29.6	B	15.7	E	26.5	C
Central Pkwy. to Greenbriar Blvd.	0.12	23.6	C			37.4	A			39.0	A			31.2	B		
Greenbriar Blvd. to Little Wekiva Rd.	0.24	39.7	A			28.3	B			43.6	A			41.1	A		
Little Wekiva Rd. to Jamestown Blvd.	0.21	30.0	B			23.1	C			26.8	C			22.5	C		
Jamestown Blvd. to North St.	0.17	33.2	B			35.0	B			25.5	C			26.2	C		
North St. to Plaza Entrance	0.10	40.1	A			36.6	A			20.7	D			28.6	B		
Plaza Entrance to SR 434	0.15	5.5	F	20.0	D	4.8	F	17.1	D	4.6	F	17.0	E	9.5	F	22.5	C
Average				21.8	D			19.7	D			20.8	D			24.1	C
PM PEAK HOUR																	
SR 436 to Tamarack St.	0.50	39.2	A			36.4	A			38.0	A			40.5	A		
Tamarack St. to Central Pkwy.	0.24	16.2	E	27.7	C	11.1	F	21.4	D	15.9	E	26.6	C	8.8	F	19.3	D
Central Pkwy. to Greenbriar Blvd.	0.12	35.2	A			35.1	A			39.0	A			32.5	B		
Greenbriar Blvd. to Little Wekiva Rd.	0.24	41.0	A			40.6	A			41.1	A			38.9	A		
Little Wekiva Rd. to Jamestown Blvd.	0.21	16.6	E			24.4	C			24.2	C			22.1	C		
Jamestown Blvd. to North St.	0.17	31.2	B			19.1	D			35.2	A			30.9	B		
North St. to Plaza Entrance	0.10	29.3	B			17.9	D			23.1	C			14.0	E		
Plaza Entrance to SR 434	0.15	7.8	F	21.0	D	3.8	F	14.3	E	4.5	F	17.1	D	5.1	F	16.5	E
Average				23.5	C			16.7	E			20.2	D			17.6	D

Roadway Segments	Distance (mile)	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																									
SR 436 to Tamarack St.	0.50	38.0	A			37.1	A			28.9	B			35.5	A			38.0	A			38.5	A		
Tamarack St. to Central Pkwy.	0.24	26.5	C	33.6	B	16.0	E	26.5	C	18.4	D	24.6	C	18.9	D	27.9	C	12.9	F	23.8	C	16.6	E	27.4	C
Central Pkwy. to Greenbriar Blvd.	0.12	32.5	B			37.1	A			22.3	C			35.5	A			28.9	B			23.6	C		
Greenbriar Blvd. to Little Wekiva Rd.	0.24	38.9	A			40.0	A			37.5	A			39.5	A			38.5	A			39.5	A		
Little Wekiva Rd. to Jamestown Blvd.	0.21	20.3	D			21.0	D			22.5	C			32.3	B			23.3	C			28.0	C		
Jamestown Blvd. to North St.	0.17	32.9	B			30.0	B			24.9	C			27.6	C			31.9	B			24.3	C		
North St. to Plaza Entrance	0.10	35.3	A			35.3	A			28.7	B			26.4	C			38.8	A			30.0	B		
Plaza Entrance to SR 434	0.15	5.8	F	18.7	D	6.1	F	19.4	D	4.4	F	15.7	E	7.9	F	22.7	C	7.5	F	21.6	D	5.8	F	18.6	D
Average				23.1	C			21.9	D			18.6	D			24.7	C			22.5	C			21.6	D
PM PEAK HOUR																									
SR 436 to Tamarack St.	0.50	37.1	A			38.0	A			38.0	A			35.9	A			36.7	A			40.0	A		
Tamarack St. to Central Pkwy.	0.24	20.3	D	29.6	B	11.9	F	22.7	C	12.9	F	23.8	C	14.2	E	24.5	C	18.6	D	28.3	B	17.0	D	28.3	B
Central Pkwy. to Greenbriar Blvd.	0.12	33.9	B			22.9	C			23.6	C			30.0	B			35.5	A			23.6	C		
Greenbriar Blvd. to Little Wekiva Rd.	0.24	37.9	A			38.9	A			37.5	A			37.5	A			37.5	A			38.5	A		
Little Wekiva Rd. to Jamestown Blvd.	0.21	35.0	B			19.7	D			19.4	D			25.2	C			28.0	C			25.7	C		
Jamestown Blvd. to North St.	0.17	30.0	B			27.6	C			34.0	B			34.0	B			35.2	A			35.2	A		
North St. to Plaza Entrance	0.10	21.4	D			17.1	D			22.0	D			34.7	B			36.7	A			36.7	A		
Plaza Entrance to SR 434	0.15	9.1	F	23.7	C	6.8	F	18.0	D	6.6	F	18.6	D	13.3	E	26.6	C	8.5	F	24.0	C	6.3	F	20.1	D
Average				25.9	C			19.8	D			20.5	D			25.6	C			25.6	C			23.0	C

TABLE C24.1b
Year 2014 Seminole County Travel Time & Delay Study
Montgomery Road - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
SR 434 to Plaza Entrance	0.14	25.2	C			30.1	B			25.5	C			33.6	B		
Plaza Entrance to North St.	0.11	27.3	C			36.0	A			21.4	D			35.3	A		
North St. to Jamestown Blvd.	0.17	10.0	F			18.0	D			13.8	E			12.4	F		
James town Blvd. to Little Wekiva Rd.	0.20	37.4	A			38.8	A			40.6	A			38.2	A		
Little Wekiva Rd. to Greenbriar Blvd.	0.25	30.8	B			40.3	A			23.6	C			28.8	B		
Greenbriar Blvd. to Central Pkwy.	0.12	17.5	D	21.2	D	18.6	D	28.1	B	20.0	D	22.3	C	19.5	D	24.0	C
Central Pkwy. to Tamarack St.	0.23	39.4	A			38.5	A			43.1	A			38.3	A		
Tamarack St. to SR 436	0.52	37.9	A	38.4	A	18.3	D	21.8	D	19.5	D	23.4	C	21.1	D	24.5	C
Average				26.1	C			25.0	C			22.8	C			24.2	C
PM PEAK HOUR																	
SR 434 to Plaza Entrance	0.14	20.7	D			25.2	C			18.3	D			28.0	C		
Plaza Entrance to North St.	0.11	33.3	B			24.3	C			27.3	C			25.0	C		
North St. to Jamestown Blvd.	0.17	15.4	E			9.4	F			13.8	E			8.2	F		
James town Blvd. to Little Wekiva Rd.	0.20	37.2	A			30.2	B			39.4	A			37.1	A		
Little Wekiva Rd. to Greenbriar Blvd.	0.25	37.2	A			24.6	C			30.6	B			31.3	B		
Greenbriar Blvd. to Central Pkwy.	0.12	22.8	C	25.7	C	36.5	A	20.6	D	26.0	C	23.7	C	39.0	A	21.3	D
Central Pkwy. to Tamarack St.	0.23	40.1	A			40.1	A			46.0	A			43.1	A		
Tamarack St. to SR 436	0.52	21.9	D	25.8	C	15.6	E	19.1	D	13.7	E	17.4	D	18.2	D	22.2	C
Average				25.8	C			19.9	D			20.5	D			21.7	D

Roadway Segments	Distance (mile)	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																									
SR 434 to Plaza Entrance	0.14	29.0	B			30.0	B			31.1	B			27.1	C			33.6	B			35.0	B		
Plaza Entrance to North St.	0.11	31.6	B			37.5	A			33.0	B			19.4	D			41.2	A			38.8	A		
North St. to Jamestown Blvd.	0.17	19.2	D			15.9	E			25.5	C			29.1	B			37.8	A			35.2	A		
James town Blvd. to Little Wekiva Rd.	0.20	39.4	A			38.2	A			38.2	A			37.1	A			39.4	A			40.6	A		
Little Wekiva Rd. to Greenbriar Blvd.	0.25	34.3	B			32.0	B			36.6	A			36.6	A			40.5	A			40.5	A		
Greenbriar Blvd. to Central Pkwy.	0.12	19.5	D	27.6	C	23.6	C	27.1	C	26.0	C	31.7	B	37.1	A	30.9	B	39.0	A	38.6	A	39.0	A	38.4	A
Central Pkwy. to Tamarack St.	0.23	39.4	A			36.3	A			39.4	A			39.4	A			40.6	A			39.4	A		
Tamarack St. to SR 436	0.52	19.0	D	22.6	C	13.8	E	17.0	D	17.6	D	21.2	D	16.1	E	19.7	D	15.4	E	19.0	D	19.3	D	22.8	C
Average				25.2	C			21.6	D			26.2	C			24.8	C			26.8	C			29.7	B
PM PEAK HOUR																									
SR 434 to Plaza Entrance	0.14	24.7	C			22.7	C			27.1	C			29.0	B			35.0	B			36.5	A		
Plaza Entrance to North St.	0.11	35.3	A			33.3	B			21.3	D			30.0	B			22.8	C			25.4	C		
North St. to Jamestown Blvd.	0.17	19.6	D			20.0	D			13.4	E			12.0	F			14.8	E			11.0	F		
James town Blvd. to Little Wekiva Rd.	0.20	36.0	A			38.2	A			36.0	A			35.0	B			36.0	A			36.0	A		
Little Wekiva Rd. to Greenbriar Blvd.	0.25	34.3	B			35.1	A			37.5	A			32.6	B			34.1	B			37.5	A		
Greenbriar Blvd. to Central Pkwy.	0.12	30.0	B	28.8	B	19.5	D	27.0	C	17.3	D	23.5	C	16.2	E	22.8	C	17.3	D	24.6	C	31.2	B	25.0	C
Central Pkwy. to Tamarack St.	0.23	38.3	A			40.6	A			38.3	A			35.4	A			36.3	A			39.4	A		
Tamarack St. to SR 436	0.52	17.6	D	21.1	D	15.9	E	19.6	D	13.7	E	17.1	D	19.0	D	22.2	C	17.0	D	20.4	D	17.4	D	21.0	D
Average				24.9	C			23.2	C			20.3	D			22.5	C			22.6	C			23.2	C

TABLE C25.1a
Year 2014 Seminole County Travel Time & Delay Study
Palm Springs Drive - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
SR 436 to Pedestrian Crossing	0.20	29.1	B			28.6	B			30.8	A			26.4	B		
Pedestrian Crossing to Central Pkwy.	0.19	36.0	A	32.1	A	28.1	B	28.3	B	29.8	B	30.2	A	24.5	B	25.4	B
Central Pkwy. to Center St.	0.21	29.1	B			25.5	B			30.9	A			25.1	B		
Center St. to Hillcrest St.	0.25	27.4	B			22.7	C			31.9	A			27.7	B		
Hillcrest St. to Oakhurst St.	0.19	24.8	B			18.6	C			22.5	C			18.1	C		
Oakhurst St. to North St.	0.31	16.6	D	22.6	C	15.3	D	19.3	C	26.8	B	27.8	B	13.7	E	19.1	C
North St. to Stanley St.	0.33	30.6	A			28.5	B			27.5	B			28.2	B		
Stanley St. to Carlton St.	0.22	33.3	A			31.5	A			32.9	A			31.3	A		
Carlton St. to Roxboro Rd.	0.23	28.9	B			31.8	A			34.7	A			32.3	A		
Roxboro Rd. to Waverly Way	0.18																
Waverly Way to SR 434	0.08	22.0	C	28.2	B	22.3	C	28.0	B	15.9	D	25.4	B	10.1	E	21.0	C
Average				26.1	B			23.7	C			27.1	B			20.7	C
PM PEAK HOUR																	
SR 436 to Pedestrian Crossing	0.20	26.7	B			22.8	C			28.6	B			29.3	B		
Pedestrian Crossing to Central Pkwy.	0.19	20.1	C	23.1	C	20.8	C	21.8	C	20.3	C	23.9	C	12.4	E	17.1	D
Central Pkwy. to Center St.	0.21	22.1	C			24.5	B			24.3	B			21.1	C		
Center St. to Hillcrest St.	0.25	26.8	B			30.0	A			30.6	A			29.9	B		
Hillcrest St. to Oakhurst St.	0.19	28.8	B			23.3	C			21.6	C			23.3	C		
Oakhurst St. to North St.	0.31	11.7	E	18.5	C	18.7	C	23.0	C	19.8	C	23.2	C	13.5	E	19.4	C
North St. to Stanley St.	0.33	30.6	A			28.4	B			30.8	A			25.3	B		
Stanley St. to Carlton St.	0.22	33.6	A			31.7	A			31.0	A			32.3	A		
Carlton St. to Roxboro Rd.	0.23	31.7	A			32.9	A			33.1	A			32.7	A		
Roxboro Rd. to Waverly Way	0.18																
Waverly Way to SR 434	0.08	20.0	C	28.0	B	13.1	E	23.5	C	16.9	D	26.4	B	17.5	D	25.3	B
Average				22.5	C			23.0	C			24.6	B			21.1	C

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
SR 436 to Pedestrian Crossing	28.0	B			27.1	B			22.6	C			30.8	A			23.1	C			21.4	C		
Pedestrian Crossing to Central Pkwy.	28.8	B	28.4	B	30.7	A	28.9	B	25.5	B	24.0	C	24.0	C	27.0	B	26.1	B	24.5	B	27.3	B	24.0	C
Central Pkwy. to Center St.	19.5	C			26.1	B			24.2	B			23.8	C			24.2	B			22.1	C		
Center St. to Hillcrest St.	24.9	B			26.3	B			27.3	B			25.9	B			25.0	B			25.4	B		
Hillcrest St. to Oakhurst St.	24.9	B			21.1	C			18.1	C			18.7	C			19.0	C			18.4	C		
Oakhurst St. to North St.	20.0	C	21.8	C	20.2	C	22.9	C	19.6	C	21.7	C	27.4	B	24.0	B	22.1	C	22.5	C	23.7	C	22.5	C
North St. to Stanley St.	30.7	A			28.3	B			28.3	B			30.4	A			28.3	B			28.3	B		
Stanley St. to Carlton St.	33.3	A			27.4	B			27.4	B			28.6	B			28.6	B			28.0	B		
Carlton St. to Roxboro Rd.	32.2	A			29.4	B			27.8	B			29.2	B			30.0	B			27.8	B		
Roxboro Rd. to Waverly Way																								
Waverly Way to SR 434	13.5	E	24.4	B	18.2	C	25.1	B	10.2	E	18.7	C	8.1	F	16.9	D	7.6	F	16.1	D	9.4	F	18.0	D
Average			23.8	C			24.7	B			20.6	C			20.7	C			19.4	C			20.5	C
PM PEAK HOUR																								
SR 436 to Pedestrian Crossing	28.1	B			28.5	B			23.5	C			30.0	B			22.2	C			22.2	C		
Pedestrian Crossing to Central Pkwy.	32.0	A	29.9	B	13.1	E	17.4	D	15.6	D	18.7	C	14.0	E	19.0	C	23.5	C	22.9	C	17.6	D	19.7	C
Central Pkwy. to Center St.	30.3	A			25.5	B			26.8	B			23.8	C			28.0	B			20.3	C		
Center St. to Hillcrest St.	32.1	A			28.8	B			30.6	A			27.8	B			29.4	B			27.8	B		
Hillcrest St. to Oakhurst St.	33.2	A			24.8	B			31.7	A			27.8	B			27.1	B			30.8	A		
Oakhurst St. to North St.	17.8	D	25.3	B	18.8	C	23.4	C	19.0	C	25.0	B	19.0	C	23.4	C	12.6	E	20.1	C	14.1	D	20.1	C
North St. to Stanley St.	29.1	B			28.3	B			30.0	B			27.9	B			29.6	B			27.9	B		
Stanley St. to Carlton St.	30.9	A			28.6	B			30.0	B			28.6	B			30.7	A			28.6	B		
Carlton St. to Roxboro Rd.	29.8	B			30.0	B			30.0	B			28.5	B			31.7	A			29.2	B		
Roxboro Rd. to Waverly Way																								
Waverly Way to SR 434	16.2	D	25.0	B	10.0	F	20.1	C	14.1	D	22.8	C	7.5	F	15.9	D	10.5	E	19.9	C	8.0	F	16.5	D
Average			25.9	B			20.7	C			22.8	C			18.9	C			20.4	C			18.3	C

TABLE C25.1b
Year 2014 Seminole County Travel Time & Delay Study
Palm Springs Drive - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
SR 434 to Waverly Way	0.06																
Waverly Way to Roxboro Rd.	0.18	31.7	A			28.1	B			32.1	A			29.3	B		
Roxboro Rd. to Carlton St.	0.23	36.3	A			32.5	A			35.6	A			31.5	A		
Carlton St. to Stanely St.	0.21	36.0	A			32.2	A			33.1	A			31.0	A		
Stanley St. to North St.	0.34	18.2	C	26.8	B	19.7	C	26.1	B	25.7	B	30.6	A	16.1	D	23.8	C
North St. to Oakhurst St.	0.31	18.8	C			22.8	C			24.4	B			21.6	C		
Oakhurst St. to Hillcrest St.	0.19	30.9	A			26.7	B			33.1	A			24.3	B		
Hillcrest St. to Center St.	0.25	23.9	C			19.4	C			24.0	B			21.3	C		
Center St. to Central Pkwy.	0.22	13.8	E	19.9	C	10.4	E	17.9	D	12.6	E	21.2	C	14.1	D	19.7	C
Central Pkwy. to Pedestrian Crossing	0.21	27.7	B			26.5	B			25.7	B			31.0	A		
Pedestrian Crossing to SR 436	0.20	12.8	E	18.0	D	17.0	D	21.0	C	21.6	C	23.6	D	12.1	E	18.0	D
Average				21.9	C			21.3	C			24.9	B			20.9	C
PM PEAK HOUR																	
SR 434 to Waverly Way	0.06																
Waverly Way to Roxboro Rd.	0.18	30.5	A			29.5	B			31.8	A			29.3	B		
Roxboro Rd. to Carlton St.	0.23	33.3	A			31.8	A			36.8	A			31.9	A		
Carlton St. to Stanely St.	0.21	35.9	A			28.5	B			36.8	A			32.1	A		
Stanley St. to North St.	0.34	19.1	C	26.7	B	19.6	C	25.6	B	18.7	C	27.3	B	21.9	C	27.4	B
North St. to Oakhurst St.	0.31	26.1	B			30.2	A			25.1	B			25.9	B		
Oakhurst St. to Hillcrest St.	0.19	28.0	B			32.1	A			31.2	A			18.8	C		
Hillcrest St. to Center St.	0.25	27.4	B			31.3	A			19.4	C			13.7	E		
Center St. to Central Pkwy.	0.22	14.8	D	23.0	C	10.2	E	21.7	C	8.8	F	17.5	D	8.9	F	15.1	D
Central Pkwy. to Pedestrian Crossing	0.21	34.5	A			27.9	B			30.8	A			31.6	A		
Pedestrian Crossing to SR 436	0.20	12.6	E	19.0	C	15.7	D	20.6	C	20.8	C	25.2	B	10.2	E	16.1	D
Average				23.6	C			23.0	C			22.0	C			18.9	C

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
SR 434 to Waverly Way																								
Waverly Way to Roxboro Rd.	29.8	B			26.2	B			28.5	B			28.5	B			29.5	B			28.5	B		
Roxboro Rd. to Carlton St.	27.4	B			29.4	B			31.7	A			30.0	B			30.8	A			29.2	B		
Carlton St. to Stanely St.	32.9	A			27.4	B			29.3	B			27.4	B			30.0	B			27.4	B		
Stanley St. to North St.	21.2	C	27.0	B	21.5	C	25.2	B	25.8	B	28.2	B	17.6	D	23.7	C	14.3	D	22.0	C	20.6	C	25.2	B
North St. to Oakhurst St.	25.9	B			18.8	C			22.6	C			28.7	B			24.9	B			19.0	C		
Oakhurst St. to Hillcrest St.	24.9	B			28.5	B			28.5	B			30.0	B			26.5	B			28.5	B		
Hillcrest St. to Center St.	24.2	B			26.8	B			25.9	B			24.6	B			24.6	B			23.4	C		
Center St. to Central Pkwy.	14.5	D	21.8	C	17.9	D	21.8	C	12.2	E	20.3	C	12.7	E	22.0	C	22.5	C	24.6	B	17.7	D	21.1	C
Central Pkwy. to Pedestrian Crossing	22.6	C			22.8	C			29.3	B			30.0	B			30.8	A			28.6	B		
Pedestrian Crossing to SR 436	13.1	E	17.0	D	10.8	E	15.0	D	8.8	F	13.5	D	12.9	E	18.0	D	8.8	F	13.7	D	6.3	F	10.3	E
Average			22.6	C			21.4	C			21.1	C			21.9	C			20.8	C			19.1	C
PM PEAK HOUR																								
SR 434 to Waverly Way																								
Waverly Way to Roxboro Rd.	29.4	B			27.2	B			29.5	B			29.0	B			30.0	B			29.5	B		
Roxboro Rd. to Carlton St.	34.4	A			30.6	A			30.8	A			30.0	B			30.8	A			30.0	B		
Carlton St. to Stanely St.	35.2	A			28.6	B			28.6	B			28.6	B			30.0	B			28.6	B		
Stanley St. to North St.	18.2	C	26.0	B	17.9	D	24.0	C	28.7	B	29.3	B	20.6	C	25.6	B	18.4	C	24.9	B	21.0	C	26.0	B
North St. to Oakhurst St.	24.3	B			26.2	B			25.6	B			29.5	B			25.6	B			30.0	B		
Oakhurst St. to Hillcrest St.	30.8	A			29.2	B			30.0	B			30.0	B			29.2	B			30.0	B		
Hillcrest St. to Center St.	27.0	B			29.4	B			30.6	A			30.0	B			30.0	B			29.4	B		
Center St. to Central Pkwy.	8.6	F	18.4	C	10.3	E	20.6	C	10.9	E	20.9	C	11.9	E	22.5	C	17.3	D	24.6	B	13.3	E	23.5	C
Central Pkwy. to Pedestrian Crossing	29.1	B			18.1	C			25.0	B			30.0	B			30.0	B			29.3	B		
Pedestrian Crossing to SR 436	11.4	E	16.9	D	6.4	F	9.8	F	5.7	F	9.2	F	6.2	F	10.3	E	5.4	F	9.2	F	6.7	F	11.0	E
Average			20.7	C			18.3	C			19.2	C			19.7	C			19.3	C			20.4	C

TABLE C26.1a
Year 2014 Seminole County Travel Time & Delay Study
Red Bug Lake Road - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
SR 436 to Winter Park Dr.	0.05	39.1	A			30.6	B			16.0	E			18.7	D		
Winter Park Dr. to Fire Station	0.12									31.3	B			27.4	C		
Fire Station to Mark David Blvd.	0.25									44.9	A			42.2	A		
Mark David Blvd. to Eagle Cr.	0.25	28.1	B	33.7	B	28.2	B	29.6	B	32.1	B	32.9	B	40.1	A	35.1	A
Eagle Cr. to Jericho Dr.	1.05	47.5	A			42.3	A			48.4	A			44.0	A		
Jericho Dr. to Merivale Dr.	0.26	46.9	A			40.7	A			46.3	A			48.4	A		
Merivale Dr. to Nodding Pines Way	0.42	39.9	A			32.3	B			34.3	B			45.0	A		
Nodding Pines way to Dodd Rd.	0.28	15.2	E	35.8	A	19.6	D	34.5	B	17.6	D	36.3	A	22.1	C	39.2	A
Dodd Rd. to Willa Springs Dr.	0.30																
Willa Springs Dr. to Willa Springs Center	0.09	32.8	B			31.9	B			30.6	B			41.0	A		
Willa Springs Center to Plaza Entrance	0.18	39.8	A			29.7	B			26.8	C			29.9	B		
Plaza Entrance to Tuskawilla Rd.	0.11	21.1	D	31.9	B	22.9	C	29.8	B	9.2	F	22.6	C	13.6	E	30.0	B
Tuskawilla Rd. to Red Willow Plaza	0.12	33.5	B			35.6	A			12.0	F			36.7	A		
Red Willow Plaza to Rising Sun Blvd.	0.46	45.4	A			43.7	A			37.9	A			48.3	A		
Rising Sun Blvd. to S. Citrus Rd.	0.26	44.3	A			44.7	A			49.5	A			49.4	A		
S. Citrus Rd. to Mikler Rd.**	0.56	49.7	A	45.1	A	46.2	A	43.8	A	45.5	A	34.2	B	50.8	A	47.9	A
Mikler Rd. to Slavia Rd.***																	
Slavia Rd. to Dovera Dr.	0.60	48.5	A			44.3	A			45.6	A			51.4	A		
Dovera Dr. to Oviedo Market Pl.	0.21	47.4	A			44.6	A			44.1	A			49.9	A		
Oviedo Market Pl. to SR 417 (W. Ramps)	0.21	48.1	A			46.2	A			45.3	A			52.3	A		
SR 417 (W. Ramps) to SR 417 (E. Ramps)	0.17	46.6	A	48.0	A	34.5	B	43.3	A	22.6	C	40.6	A	50.4	A	51.2	A
SR 417 (E. Ramps) to SR 426	0.32	23.5	C	23.5	C	16.0	E	16.0	E	11.9	F	11.9	F	19.8	D	19.8	D
Average				37.8	A			34.5	B			31.1	B			39.0	A
PM PEAK HOUR																	
SR 436 to Winter Park Dr.	0.05	35.5	A			33.6	B			14.2	E			16.2	E		
Winter Park Dr. to Fire Station	0.12									30.5	B			29.5	B		
Fire Station to Mark David Blvd.	0.25									44.7	A			46.4	A		
Mark David Blvd. to Eagle Cr.	0.25	27.4	C	31.7	B	30.5	B	32.3	B	40.7	A	34.8	B	35.0	B	34.2	B
Eagle Cr. to Jericho Dr.	1.05	45.6	A			46.4	A			48.4	A			44.6	A		
Jericho Dr. to Merivale Dr.	0.26	41.8	A			39.5	A			47.7	A			36.1	A		
Merivale Dr. to Nodding Pines Way	0.42	43.4	A			31.6	B			42.8	A			34.4	B		
Nodding Pines way to Dodd Rd.	0.28	15.4	E	35.3	A	13.4	E	31.9	B	30.9	B	43.7	A	27.5	C	37.9	A
Dodd Rd. to Willa Springs Dr.	0.30																
Willa Springs Dr. to Willa Springs Center	0.09	38.6	A			36.5	A			28.0	B			24.7	C		
Willa Springs Center to Plaza Entrance	0.18	19.1	D			22.5	C			11.3	F			14.0	E		
Plaza Entrance to Tuskawilla Rd.	0.11	14.4	E	25.7	C	14.1	E	26.4	C	7.8	F	16.2	E	22.6	C	20.3	D
Tuskawilla Rd. to Red Willow Plaza	0.12	36.1	A			15.5	E			28.1	B			35.4	A		
Red Willow Plaza to Rising Sun Blvd.	0.46	47.2	A			38.7	A			49.8	A			48.2	A		
Rising Sun Blvd. to S. Citrus Rd.	0.26	51.1	A			45.7	A			49.4	A			47.2	A		
S. Citrus Rd. to Mikler Rd.**	0.56	46.6	A	46.2	A	37.2	A	34.1	B	37.3	A	41.2	A	44.9	A	45.1	A
Mikler Rd. to Slavia Rd.***																	
Slavia Rd. to Dovera Dr.	0.60	45.1	A			36.5	A			47.3	A			47.6	A		
Dovera Dr. to Oviedo Market Pl.	0.21	40.4	A			32.9	B			25.6	C			41.6	A		
Oviedo Market Pl. to SR 417 (W. Ramps)	0.21	45.6	A			42.3	A			36.0	A			48.6	A		
SR 417 (W. Ramps) to SR 417 (E. Ramps)	0.17	45.9	A	44.4	A	44.6	A	37.7	A	42.2	A	38.6	A	47.9	A	46.7	A
SR 417 (E. Ramps) to SR 426	0.32	19.3	D	19.3	D	18.2	D	18.2	D	10.0	F	10.0	F	22.0	D	22.0	D
Average				35.4	A			31.5	B			31.1	B			35.5	A

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
SR 436 to Winter Park Dr.	16.3	E			7.7	F			5.5	F			UNDER CONSTRUCTION				UNDER CONSTRUCTION				26.7	C		
Winter Park Dr. to Fire Station	21.6	D			34.3	B			32.7	B			UNDER CONSTRUCTION				UNDER CONSTRUCTION				37.9	A		
Fire Station to Mark David Blvd.	36.0	A			43.6	A			36.9	A			UNDER CONSTRUCTION				UNDER CONSTRUCTION				43.6	A		
Mark David Blvd. to Eagle Cr.	27.5	C	27.2	C	33.9	B	30.2	B	29.4	B	25.0	C	UNDER CONSTRUCTION				UNDER CONSTRUCTION				44.1	A	41.1	A
Eagle Cr. to Jericho Dr.	47.6	A			44.5	A			39.4	A			43.1	A			43.4	A			43.7	A		
Jericho Dr. to Merivale Dr.	48.4	A			43.3	A			33.9	B			44.6	A			44.6	A			43.3	A		
Merivale Dr. to Nodding Pines Way	27.9	C			26.8	C			40.0	A			45.0	A			40.6	A			34.5	B		
Nodding Pines way to Dodd Rd.	19.8	D	35.6	A	17.8	D	33.1	B	21.3	D	34.7	B	31.1	B	41.4	A	36.5	A	41.9	A	21.5	D	36.4	A
Dodd Rd. to Willa Springs Dr.																								
Willa Springs Dr. to Willa Springs Center	41.2	A			38.6	A			39.7	A			40.3	A			43.3	A			40.3	A		
Willa Springs Center to Plaza Entrance	43.7	A			24.3	C			25.9	C			34.5	B			40.7	A			18.4	D		
Plaza Entrance to Tuskawilla Rd.	15.4	E	34.0	B	14.6	E	27.7	C	14.0	E	27.9	C	31.6	B	37.1	A	20.7	D	36.8	A	10.3	F	22.9	C
Tuskawilla Rd. to Red Willow Plaza	39.9	A			41.5	A			36.0	A			41.5	A			41.5	A			36.0	A		
Red Willow Plaza to Rising Sun Blvd.	47.6	A			44.1	A			41.4	A			24.5	C			21.7	D			23.0	C		
Rising Sun Blvd. to S. Citrus Rd.	48.1	A			46.3	A			41.1	A			35.5	A			40.0	A			39.0	A		
S. Citrus Rd. to Mikler Rd.**	47.2	A			31.9	B			30.0	B			41.1	A			43.6	A			43.6	A		
Mikler Rd. to Slavia Rd.***	47.8	A	46.8	A	32.7	B	38.8	A	32.5	B	36.4	A	43.6	A	32.6	B	45.7	A	31.8	B	44.6	A	32.3	B
Slavia Rd. to Dovera Dr.	47.4	A			43.8	A			40.9	A			43.4	A			44.4	A			43.9	A		
Dovera Dr. to Oviedo Market Pl.	47.7	A			46.7	A			38.2	A			29.3	B			45.0	A			40.6	A		
Oviedo Market Pl. to SR 417 (W. Ramps)	26.3	C			25.7	C			31.3	B			45.0	A			46.5	A			43.6	A		
SR 417 (W. Ramps) to SR 417 (E. Ramps)	27.2	C	37.8	A	24.3	C	35.7	A	31.0	B	36.7	A	45.7	A	40.6	A	33.1	B	43.0	A	32.0	B	41.2	A
SR 417 (E. Ramps) to SR 426	35.7	A	35.7	A	11.9	F	11.9	F	33.2	B	33.2	B	37.2	A	37.2	A	41.3	A	41.3	A	17.9	D	17.9	D
Average			36.6	A			30.8	B			33.1	B			37.9	A			38.3	A			32.8	B
PM PEAK HOUR																								
SR 436 to Winter Park Dr.	6.4	F			11.4	F			14.1	E			UNDER CONSTRUCTION				UNDER CONSTRUCTION				21.8	D		
Winter Park Dr. to Fire Station	30.4	B			36.0	A			32.7	B			UNDER CONSTRUCTION				UNDER CONSTRUCTION				37.9	A		
Fire Station to Mark David Blvd.	44.2	A			42.4	A			37.9	A			UNDER CONSTRUCTION				UNDER CONSTRUCTION				43.6	A		
Mark David Blvd. to Eagle Cr.	36.5	A	27.2	C	38.0	A	34.1	B	39.5	A	33.9	B	UNDER CONSTRUCTION				UNDER CONSTRUCTION				42.9	A	39.8	A
Eagle Cr. to Jericho Dr.	43.8	A			44.8	A			42.0	A			43.1	A			43.4	A			43.1	A		
Jericho Dr. to Merivale Dr.	39.3	A			28.4	B			28.4	B			44.6	A			45.9	A			36.3	A		
Merivale Dr. to Nodding Pines Way	43.3	A			41.3	A			30.4	B			33.2	B			29.6	B			42.7	A		
Nodding Pines way to Dodd Rd.	13.0	F	32.6	B	17.2	D	34.3	B	20.7	D	32.7	B	14.9	E	32.6	B	16.5	E	32.9	B	21.3	D	36.9	A
Dodd Rd. to Willa Springs Dr.																								
Willa Springs Dr. to Willa Springs Center	38.7	A			39.3	A			35.5	A			39.7	A			41.8	A			40.3	A		
Willa Springs Center to Plaza Entrance	12.7	F			12.8	F			15.0	E			24.3	C			29.2	B			21.1	D		
Plaza Entrance to Tuskawilla Rd.	29.3	B	24.5	C	14.2	E	21.4	D	14.3	E	22.2	C	14.6	E	27.8	C	13.0	E	28.9	B	23.1	C	29.6	B
Tuskawilla Rd. to Red Willow Plaza	39.4	A			36.0	A			38.6	A			33.7	B			36.0	A			38.6	A		
Red Willow Plaza to Rising Sun Blvd.	46.6	A			44.8	A			41.9	A			44.3	A			44.3	A			26.2	C		
Rising Sun Blvd. to S. Citrus Rd.	44.4	A			41.5	A			41.1	A			32.5	B			43.3	A			40.0	A		
S. Citrus Rd. to Mikler Rd.**	43.0	A			45.5	A			33.5	B			43.6	A			45.0	A			42.4	A		
Mikler Rd. to Slavia Rd.***	44.9	A	44.4	A	45.0	A	43.6	A	29.5	B	36.6	A	43.6	A	40.6	A	40.0	A	42.6	A	40.8	A	33.9	B
Slavia Rd. to Dovera Dr.	45.9	A			45.9	A			38.7	A			43.9	A			43.9	A			40.0	A		
Dovera Dr. to Oviedo Market Pl.	30.5	B			38.2	A			35.0	B			34.1	B			39.4	A			42.0	A		
Oviedo Market Pl. to SR 417 (W. Ramps)	41.6	A			34.3	B			38.9	A			42.4	A			43.6	A			43.6	A		
SR 417 (W. Ramps) to SR 417 (E. Ramps)	43.6	A	41.2	A	39.1	A	40.9	A	28.2	B	36.3	A	40.0	A	41.0	A	40.0	A	42.5	A	43.6	A	41.5	A
SR 417 (E. Ramps) to SR 426	35.3	A	35.3	A	11.1	F	11.1	F	17.4	D	17.4	D	33.8	B	33.8	B	35.1	A	35.1	A	18.1	D	18.1	D
Average			34.2	B			31.4	B			31.2	B			35.2	A			36.3	A			34.5	B

Note: ** From 2009, additional control point has been considered as "Mikler Rd" the segment limits will be S. Citrus Rd to Mikler Rd. and the segment length will be 0.24 Mile

Note: *** From 2009, additional control point has been considered as "Mikler Rd" the segment limits will be Mikler Rd to Slavia Rd. and the segment length will be 0.32 Mile

TABLE C26.1b
Year 2014 Seminole County Travel Time & Delay Study
Red Bug Lake Road - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS
AM PEAK HOUR																	
SR 426 to SR 417 (E. Ramps)	0.27	25.4	C	25.4	C	35.0	A	35.0	A	28.3	B	28.3	B	31.0	B	31.0	B
SR 417 (E. Ramps) to SR 417 (W. Ramps)	0.19	31.7	B			30.5	B			27.3	C			43.8	A		
SR 417 (W. Ramps) tp Oviedo Market Pl.	0.25	45.2	A			35.6	A			30.8	B			48.9	A		
Oviedo Market Pl. to Dovera Dr.	0.21	47.6	A			32.9	B			33.2	B			49.0	A		
Dovera Dr. to Slavia Rd.	0.59	50.0	A	45.5	A	47.6	A	39.2	A	42.3	A	35.6	A	51.5	A	49.5	A
Slavia Rd. to Mikler Rd.***	0.56	41.2	A			32.1	B			34.6	B			37.6	A		
Mikler Rd. to S. Citrus Rd.**																	
S. Citrus Rd. to Rising Sun Blvd.	0.26	31.6	B			42.9	A			31.7	B			46.8	A		
Rising Sun Blvd. to Red Willow Plaza	0.46	45.0	A	40.0	A	43.6	A	37.6	A	13.0	E	21.5	D	48.1	A	42.7	A
Red willow Plaza to Tuskawilla Rd.	0.15	22.0	D			12.3	F			11.9	F			32.2	B		
Tuskawilla Rd. to Plaza Entrance	0.10	36.7	A			37.1	A			20.8	D			42.0	A		
Plaza Entrance to Willa Springs Center	0.18	41.6	A			42.1	A			40.6	A			44.0	A		
Willa Springs Center to Willa Springs Dr.	0.09																
Willa Springs Dr. to Dodd Rd.	0.31	10.9	F	16.6	E	26.3	C	25.1	C	23.3	C	21.7	D	30.5	B	34.8	B
Dodd Rd. to Nodding Pines Way	0.28	19.8	D			16.4	E			21.9	D			10.9	F		
Nodding Pines Way to Merivale Dr.	0.41	42.9	A			41.3	A			23.8	C			42.1	A		
Merivale Dr. to Jericho Dr.	0.26	46.9	A			45.4	A			39.3	A			47.9	A		
Jericho Dr. to Eagle Cr.	1.05	32.3	B	32.4	B	29.4	B	29.2	B	30.8	B	28.3	B	33.1	B	27.5	C
Eagle Cr. to Mark David Blvd.	0.25	33.5	B			21.0	D			32.2	B			38.1	A		
Mark David Blvd.to Fire Station	0.24									29.1	B			23.0	C		
Fire Station to Winter Park Dr.	0.12									5.3	F			7.5	F		
Winter Park Dr. to SR 436	0.02	14.5	E	19.0	D	9.4	F	12.0	F	5.5	F	15.0	E	26.6	C	18.7	D
Average				29.2	B			27.5	C			24.5	C			32.1	B
PM PEAK HOUR																	
SR 426 to SR 417 (E. Ramps)	0.27	27.6	C	27.6	C	37.4	A	37.4	A	35.6	A	35.6	A	28.3	B	28.3	B
SR 417 (E. Ramps) to SR 417 (W. Ramps)	0.19	37.5	A			45.1	A			29.2	B			42.8	A		
SR 417 (W. Ramps) tp Oviedo Market Pl.	0.25	45.0	A			29.5	B			36.2	A			16.2	E		
Oviedo Market Pl. to Dovera Dr.	0.21	33.7	B			29.2	B			45.3	A			42.7	A		
Dovera Dr. to Slavia Rd.	0.59	45.0	A	41.5	A	34.2	B	33.2	B	41.3	A	38.9	A	35.7	A	30.3	B
Slavia Rd. to Mikler Rd.***	0.56	32.3	B			31.1	B			45.5	A			44.1	A		
Mikler Rd. to S. Citrus Rd.**																	
S. Citrus Rd. to Rising Sun Blvd.	0.26	36.7	A			36.2	A			18.2	D			15.8	E		
Rising Sun Blvd. to Red Willow Plaza	0.46	26.8	C	30.8	B	23.9	C	28.9	B	23.2	C	27.5	C	26.7	C	27.4	C
Red willow Plaza to Tuskawilla Rd.	0.15	11.5	F			7.9	F			10.9	F			13.5	E		
Tuskawilla Rd. to Plaza Entrance	0.10	33.8	B			29.0	B			35.2	A			39.2	A		
Plaza Entrance to Willa Springs Center	0.18	39.8	A			38.5	A			41.3	A			44.7	A		
Willa Springs Center to Willa Springs Dr.	0.09																
Willa Springs Dr. to Dodd Rd.	0.31	22.8	C	22.6	C	35.8	A	22.9	C	36.2	A	27.1	C	37.0	A	30.4	B
Dodd Rd. to Nodding Pines Way	0.28	33.2	B			40.9	A			41.6	A			44.1	A		
Nodding Pines Way to Merivale Dr.	0.41	38.7	A			30.1	B			47.3	A			48.7	A		
Merivale Dr. to Jericho Dr.	0.26	43.4	A			41.3	A			47.8	A			50.3	A		
Jericho Dr. to Eagle Cr.	1.05	38.9	A	38.4	A	41.4	A	38.4	A	44.3	A	44.9	A	42.2	A	44.6	A
Eagle Cr. to Mark David Blvd.	0.25	40.0	A			35.7	A			42.7	A			42.2	A		
Mark David Blvd.to Fire Station	0.24									44.3	A			40.2	A		
Fire Station to Winter Park Dr.	0.12									3.0	F			3.0	F		
Winter Park Dr. to SR 436	0.02	18.6	D	24.0	C	17.7	D	22.2	C	21.2	D	12.0	F	6.1	F	11.5	F
Average				31.8	B			30.4	B			29.3	B			27.9	C

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																								
SR 426 to SR 417 (E. Ramps)	23.2	C	23.2	C	31.5	B	31.5	B	39.6	A	39.6	A	20.2	D	20.2	D	20.9	D	20.9	D	43.3	A	43.3	A
SR 417 (E. Ramps) to SR 417 (W. Ramps)	27.3	C			20.5	D			43.6	A			36.9	A			36.9	A			45.7	A		
SR 417 (W. Ramps) tp Oviedo Market Pl.	47.6	A			38.9	A			42.4	A			45.0	A			43.6	A			45.0	A		
Oviedo Market Pl. to Dovera Dr.	47.9	A			30.0	B			38.2	A			43.4	A			45.0	A			43.4	A		
Dovera Dr. to Slavia Rd.	49.8	A	44.5	A	38.7	A	33.4	B	40.4	A	40.8	A	30.5	B	35.4	A	34.0	B	37.6	A	38.3	A	41.2	A
Slavia Rd. to Mikler Rd.***	39.4	A			33.3	B			29.5	B			42.7	A			42.7	A			42.7	A		
Mikler Rd. to S. Citrus Rd.**	34.6	B			32.6	B			38.9	A			34.3	B			43.6	A			42.4	A		
S. Citrus Rd. to Rising Sun Blvd.	44.9	A			45.0	A			23.6	C			38.0	A			40.0	A			42.2	A		
Rising Sun Blvd. to Red Willow Plaza	46.1	A	42.3	A	44.8	A	41.1	A	40.8	A	32.8	B	38.7	A	38.5	A	38.7	A	40.7	A	40.3	A		
Red willow Plaza to Tuskawilla Rd.	37.8	A			16.9	E			6.8	F			9.5	F			20.8	D			30.0	B	40.6	A
Tuskawilla Rd. to Plaza Entrance	40.4	A			31.8	B			35.3	A			37.5	A			35.3	A			40.0	A		
Plaza Entrance to Willa Springs Center	42.5	A			39.3	A			39.3	A			42.2	A			39.3	A			43.8	A		
Willa Springs Center to Willa Springs Dr.																								
Willa Springs Dr. to Dodd Rd.	33.6	B	36.9	A	35.1	A	31.5	B	26.6	C	21.7	D	35.5	A	27.8	C	28.2	B	29.8	B	25.4	C	30.6	B
Dodd Rd. to Nodding Pines Way	34.0	B			29.5	B			18.5	D			25.1	C			22.1	C			31.7	B		
Nodding Pines Way to Merivale Dr.	27.6	C			34.1	B			34.5	B			45.0	A			44.2	A			44.2	A		
Merivale Dr. to Jericho Dr.	47.5	A			45.9	A			40.0	A			44.6	A			44.6	A			43.3	A		
Jericho Dr. to Eagle Cr.	34.0	B	33.7	B	35.5	A	35.3	A	34.4	B	31.2	B	43.4	A	39.8	A	43.7	A	38.7	A	40.4	A	39.9	A
Eagle Cr. to Mark David Blvd.	33.0	B			38.0	A			34.9	B			UNDER CONSTRUCTION				UNDER CONSTRUCTION				38.5	A		
Mark David Blvd.to Fire Station	25.6	C			17.6	D			21.8	D			UNDER CONSTRUCTION				UNDER CONSTRUCTION				36.0	A		
Fire Station to Winter Park Dr.	6.3	F			8.4	F			7.1	F			UNDER CONSTRUCTION				UNDER CONSTRUCTION				4.8	F		
Winter Park Dr. to SR 436	23.4	C	17.3	D	34.3	B	18.3	D	34.3	B	18.0	D	UNDER CONSTRUCTION				UNDER CONSTRUCTION				40.0	A	16.7	E
Average			32.9	B			31.8	B			29.3	B			34.7	B			35.7	A			34.3	B
PM PEAK HOUR																								
SR 426 to SR 417 (E. Ramps)	31.1	B	31.1	B	29.1	B	29.1	B	38.7	A	38.7	A	13.0	E	13.0	E	15.8	E	15.8	E	29.1	B	29.1	B
SR 417 (E. Ramps) to SR 417 (W. Ramps)	26.7	C			24.3	C			33.1	B			38.4	A			40.0	A			38.4	A		
SR 417 (W. Ramps) tp Oviedo Market Pl.	19.9	D			24.4	C			20.3	D			43.6	A			45.0	A			42.4	A		
Oviedo Market Pl. to Dovera Dr.	42.1	A			31.5	B			37.1	A			11.5	F			19.1	D			42.0	A		
Dovera Dr. to Slavia Rd.	35.0	A	30.3	B	35.8	A	30.5	B	39.1	A	32.1	B	24.8	C	23.2	C	35.6	A	32.6	B	32.4	B	36.3	A
Slavia Rd. to Mikler Rd.***	43.4	A			43.9	A			40.8	A			41.7	A			44.6	A			42.7	A		
Mikler Rd. to S. Citrus Rd.**	47.2	A			42.9	A			37.9	A			30.6	B			30.6	B			33.5	B		
S. Citrus Rd. to Rising Sun Blvd.	22.4	C			21.3	D			24.0	C			16.1	E			18.8	D			18.8	D		
Rising Sun Blvd. to Red Willow Plaza	37.8	A	33.2	B	22.6	C	25.1	C	22.5	C	27.9	C	39.7	A	29.9	B	38.2	A	31.5	B	21.9	D		
Red willow Plaza to Tuskawilla Rd.	19.9	D			8.4	F			5.1	F			27.0	C			20.8	D			4.3	F	19.5	D
Tuskawilla Rd. to Plaza Entrance	37.5	A			31.8	B			27.3	C			37.5	A			40.0	A			33.3	B		
Plaza Entrance to Willa Springs Center	41.9	A			38.0	A			35.6	A			40.7	A			42.2	A			39.3	A		
Willa Springs Center to Willa Springs Dr.																								
Willa Springs Dr. to Dodd Rd.	41.3	A	35.2	A	24.3	C	22.0	D	32.1	B	19.9	D	33.9	B	34.7	B	39.0	A	36.1	A	13.7	E	13.4	E
Dodd Rd. to Nodding Pines Way	39.2	A			39.5	A			35.7	A			40.0	A			41.0	A			28.0	C		
Nodding Pines Way to Merivale Dr.	45.8	A			38.8	A			40.0	A			44.2	A			37.1	A			42.0	A		
Merivale Dr. to Jericho Dr.	47.6	A			45.9	A			41.1	A			43.3	A			44.6	A			43.3	A		
Jericho Dr. to Eagle Cr.	43.8	A	43.9	A	39.7	A	40.2	A	39.1	A	39.0	A	20.6	D	27.3	C	39.1	A	39.5	A	43.4	A	40.1	A
Eagle Cr. to Mark David Blvd.	43.6	A			40.0	A			38.5	A			UNDER CONSTRUCTION				UNDER CONSTRUCTION				42.9	A		
Mark David Blvd.to Fire Station	39.5	A			32.7	B			34.3	B			UNDER CONSTRUCTION				UNDER CONSTRUCTION				40.0	A		
Fire Station to Winter Park Dr.	3.9	F			9.6	F			10.3	F			UNDER CONSTRUCTION				UNDER CONSTRUCTION				4.5	F		
Winter Park Dr. to SR 436	2.3	F	12.4	F	34.3	B	24.0	C	34.3	B	24.7	C	UNDER CONSTRUCTION				UNDER CONSTRUCTION				40.0	A	16.5	E
Average			30.3	B			29.9	B			29.9	B			26.0	C			32.9	B			25.8	C

Note: ** From 2009, additional control point has been considered on "Mikler Rd" the segment limits will be S. Mikler Rd to Citrus Rd. and the segment length will be 0.24 Mile

Note: *** From 2009, additional control point has been considered on "Mikler Rd" the segment limits will be Slavia Rd to Mikler Rd. and the segment length will be 0.32 Mile

TABLE C27.1a
Year 2014 Seminole County Travel Time & Delay Study
Rinehart Road - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
Lake Mary Blvd. to Pine Circle Dr.	0.26	37.8	A			38.5	A			38.5	A			38.6	A			36.0	A			40.0	A			39.0	A			39.0	A			39.0	A			40.0	A		
Pine Circle Dr. to Public Works*	0.14	48.2	A			47.5	A			31.1	B			18.3	D			20.7	D			29.0	B			22.0	D			18.3	D			22.7	C			23.3	C		
Public Works to Anderson Ln.*	0.14	47.1	A	42.0	A	44.3	A	42.0	A	41.4	A	37.2	A	39.8	A	30.5	B	36.9	A	31.0	B	42.0	A	36.7	A	49.4	A	33.7	B	38.2	A	30.0	B	38.2	A	32.7	B	38.2	A	33.4	B
Anderson Ln. to Primera Blvd.	0.08	47.2	A			31.0	B			33.2	B			42.9	A			27.3	C			24.0	C			20.9	D			20.0	D			13.7	E			28.2	B		
Primera Blvd. to Stromberg/Seimens Dr./Manderley Run	0.14	38.9	A			35.0	B			38.8	A			42.0	A			26.3	C			40.9	A			37.5	A			38.2	A			29.0	B			20.0	D		
Stromberg/Seimens Dr./Manderley Run to Wallace Rd.	0.48	49.5	A			44.7	A			48.0	A			45.6	A			42.1	A			42.6	A			43.9	A			43.6	A			37.4	A			39.5	A		
Wallace Rd. to Postal Dist. Ctr.	0.33	42.2	A			46.5	A			46.4	A			42.4	A			44.6	A			44.0	A			43.0	A			38.1	A			43.0	A			33.0	B		
Postal Dist. Ctr. to Timacuan Blvd.	0.21	39.2	A			47.2	A			33.9	B			29.8	B			37.4	A			31.5	B			17.3	D			24.7	C			28.0	C			27.4	C		
Timacuan Blvd. to CR 46A	0.30	16.5	E	33.4	B	19.1	D	34.7	B	19.3	D	34.6	B	15.0	E	30.8	B	23.6	C	33.9	B	15.7	E	30.1	B	22.8	C	30.0	B	15.4	E	27.8	C	20.9	D	29.1	B	12.5	F	24.2	C
CR 46A to Seminole Town Center	0.80	35.8	A			41.6	A			41.7	A			40.2	A			41.7	A			38.3	A			42.3	A			39.0	A			43.2	A			36.4	A		
Seminole Town Center to SR 417 (S. Ramps)	0.48	33.2	B			39.4	A			41.2	A			30.0	B			41.2	A	41.5	A	39.7	A	38.8	A	38.6	A	40.8	A	32.7	B	36.4	A	36.5	A	40.4	A	29.4	B	33.4	B
SR 417 (S. Ramps) to SR 417 (N. Ramps)	0.22	19.3	D			16.7	E			16.7	E			16.5	E			22.6	C			21.0	D			28.1	B			22.4	C			28.1	B			32.2	B		
SR 417 (N. Ramps) to ST. Johns Pkwy.	0.37	41.7	A			35.1	A			30.2	B			30.7	B			41.9	A			31.3	B			24.8	C			32.6	B			29.2	B			27.1	C		
ST. Johns Pkwy. to SR 46	0.43	41.1	A	33.1	B	29.3	B	26.5	C	20.7	D	22.1	C	34.0	B	26.7	C	33.6	B	32.5	B	24.6	C	25.6	C	26.7	C	26.3	C	20.8	D	24.4	C	19.8	D	24.2	C	16.9	E	22.2	C
Average				34.7	B			34.4	B			32.3	B			30.9	B			35.0	A			31.6	B			31.9	B			29.1	B			30.6	B			26.7	C
PM PEAK HOUR																																									
Lake Mary Blvd. to Pine Circle Dr.	0.26	39.3	A			38.9	A			38.5	A			40.5	A			34.8	B			40.0	A			38.0	A			39.0	A			39.0	A			41.1	A		
Pine Circle Dr. to Public Works*	0.14	46.4	A			47.8	A			34.8	B			34.2	B			40.3	A			42.9	A			20.5	D			36.5	A			42.0	A			38.2	A		
Public Works to Anderson Ln.*	0.14	40.2	A	41.3	A	45.6	A	42.8	A	42.9	A	38.7	A	44.8	A	39.9	A	41.4	A	37.6	A	40.0	A	40.7	A	49.4	A	32.4	B	38.2	A	38.1	A	38.2	A	39.5	A	40.0	A	40.0	A
Anderson Ln. to Primera Blvd.	0.08	15.1	E			36.5	A			25.8	C			18.2	D			41.1	A			25.3	C			17.8	D			10.7	F			9.6	F			14.1	E		
Primera Blvd. to Stromberg/Seimens Dr./Manderley Run	0.14	27.8	C			44.8	A			38.9	A			28.7	B			26.1	C			40.9	A			21.4	D			38.2	A			33.6	B			30.0	B		
Stromberg/Seimens Dr./Manderley Run to Wallace Rd.	0.48	37.7	A			45.0	A			45.2	A			41.9	A			33.4	B			36.7	A			34.2	B			37.9	A			35.1	A			38.4	A		
Wallace Rd. to Postal Dist. Ctr.	0.33	35.9	A			37.6	A			40.6	A			30.7	B			40.4	A			30.5	B			24.4	C			26.8	C			16.0	E			31.4	B		
Postal Dist. Ctr. to Timacuan Blvd.	0.21	32.0	B			37.6	A			23.4	C			19.8	D			22.2	C			13.7	E			11.7	F			11.2	F			8.0	F			13.4	E		
Timacuan Blvd. to CR 46A	0.30	17.8	D	28.0	C	15.9	E	31.5	B	22.2	C	32.4	B	12.7	F	23.7	C	20.9	D	28.9	B	22.0	D	26.0	C	10.7	F	18.2	D	13.2	E	19.8	D	14.0	E	16.3	E	9.6	F	19.2	D
CR 46A to Seminole Town Center	0.80	42.7	A			34.9	B			33.7	B			36.8	A			32.1	B			38.0	A			39.5	A			36.6	A			41.7	A			40.7	A		
Seminole Town Center to SR 417 (S. Ramps)	0.48	36.8	A			46.7	A			28.5	B			40.1	A			33.6	B	32.7	B	26.9	C	33.0	B	28.2	B	34.4	B	32.7	B	35.1	A	43.6	A	42.4	A	35.1	A	38.4	A
SR 417 (S. Ramps) to SR 417 (N. Ramps)	0.22	15.6	E			10.9	F			18.3	D			25.1	C			15.8	E			18.6	D			29.3	B			19.1	D			44.0	A			22.8	C		
SR 417 (N. Ramps) to ST. Johns Pkwy.	0.37	30.8	B			20.6	D			31.2	B			30.2	B			38.2	A			18.5	D			19.5	D			17.2	D			39.6	A			36.4	A		
ST. Johns Pkwy. to SR 46	0.43	28.7	B	24.8	C	19.7	D	17.0	D	27.3	C	25.7	C	19.5	D	23.8	C	27.6	C	26.0	C	24.6	C	20.6	D	26.7	C	24.0	C	18.3	D	18.1	D	19.4	D	27.9	C	22.4	C	26.2	C
Average				31.1	B			28.2	B			30.9	B			28.3	B			30.0	B			27.3	C			24.2	C			23.7	C			25.0	C			26.4	C

TABLE C27.1b
Year 2013 Seminole County Travel Time & Delay Study
Rinehart Road - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
SR 46 to ST. Johns Pkwy.	0.43	34.5	B			37.4	A			32.8	B			32.7	B			36.2	A			37.8	A			28.9	B			30.7	B			24.8	C			21.5	D		
ST. Johns Pkwy. to SR 417 (N. Ramps)	0.37	24.6	C			21.5	D			22.8	C			26.8	C			35.2	A			26.0	C			20.2	D			27.4	C			33.1	B			30.8	B		
SR 417 (N. Ramps) to SR 417 (S. Ramps)	0.22	37.0	A			37.6	A			35.8	A			35.3	A			42.7	A	37.0	A	40.0	A	32.8	B	33.0	B	25.6	C	40.0	A	30.9	B	37.7	A	29.7	B	40.0	A	27.2	C
SR 417 (S. Ramps) to Seminole Town Center	0.48	41.3	A			40.5	A			35.2	A			32.1	B			35.3	A			24.7	C			31.0	B			31.3	B			37.4	A			41.1	A		
Seminole Town Center to CR 46A	0.80	21.2	D	27.8	C	23.7	C	28.6	B	27.1	C	29.2	B	28.6	B	30.2	B	22.9	C	26.3	C	29.1	B	27.3	C	23.8	C	26.0	C	23.3	C	25.8	C	32.0	B	33.8	B	22.5	C	27.1	C
CR 46A to Timacuan Blvd.	0.30	36.1	A			34.6	B			22.1	C			32.2	B			39.9	A			27.7	C			27.3	C			34.6	B			28.1	B			32.7	B		
Timacuan Blvd. to Postal Dist. Ctr.	0.21	34.5	B			34.2	B			44.9	A			37.6	A			44.5	A			35.0	B			40.6	A			40.6	A			35.0	B			37.1	A		
Postal Dist. Ctr. to Wallace Rd.	0.33	47.0	A			42.2	A			39.4	A			46.2	A			41.4	A			36.7	A			40.4	A			42.1	A			34.1	B			37.4	A		
Wallace Rd. to Stromberg/Seimens Dr./Manderley Run	0.48	50.1	A			41.9	A			44.2	A			41.8	A			40.3	A			38.2	A			36.3	A			38.9	A			40.6	A			38.4	A		
Stromberg/Seimens Dr./Manderley to Primera Blvd.	0.14	25.5	C			27.4	C			20.8	D			16.4	E			24.5	C			28.1	B			15.3	E			20.5	D			18.3	D			13.5	E		
Primera Blvd. to Anderson Ln.	0.08	40.9	A	40.0	A	40.3	A	37.3	A	31.9	B	32.7	B	32.5	B	34.5	B	41.1	A	38.6	A	40.0	A	33.9	B	32.0	B	31.1	B	36.9	A	35.8	A	36.9	A	32.1	B	34.3	B	31.5	B
Anderson Ln. to Public Works*	0.14	34.2	B			43.9	A			42.7	A			29.2	B			38.1	A			24.0	C			44.2	A			23.3	C			32.3	B			28.0	C		
Public Works to Pine Circle Dr.*	0.14	47.3	A			46.7	A			39.3	A			41.8	A			42.4	A			42.9	A			25.0	C			40.0	A			42.0	A			40.0	A		
Pine Circle Dr. to Lake Mary Blvd.	0.26	12.2	F	19.6	D	17.6	D	26.1	C	24.7	C	31.4	B	11.6	F	18.1	D	23.2	C	29.9	B	11.8	F	17.6	D	9.3	F	14.8	E	10.4	F	15.7	E	9.8	F	15.8	E	12.6	F	18.5	D
Average				29.6	B			30.8	B			30.7	B			29.2	B			32.7	B			28.4	B			25.0	C			27.3	C			28.4	B			26.9	C
PM PEAK HOUR																																									
SR 46 to ST. Johns Pkwy.	0.43	26.9	C			29.8	B			24.7	C			32.9	B			19.8	D			17.2	D			16.0	E			14.5	E			17.1	D			20.2	D		
ST. Johns Pkwy. to SR 417 (N. Ramps)	0.37	22.6	C			19.3	D			23.6	C			13.6	E			22.3	C			18.6	D			17.4	D			20.2	D			30.4	B			37.6	A		
SR 417 (N. Ramps) to SR 417 (S. Ramps)	0.22	36.2	A			34.4	B			27.8	C			37.9	A			38.0	A	23.1	C	30.0	B	19.6	D	37.7	A	19.0	D	40.0	A	19.1	D	42.6	A	24.0	C	42.6	A	28.1	B
SR 417 (S. Ramps) to Seminole Town Center	0.48	30.9	B			31.2	B			31.2	B			37.1	A			31.8	B			23.5	C			28.2	B			30.3	B			40.6	A			41.1	A		
Seminole Town Center to CR 46A	0.80	28.3	B	28.0	C	25.8	C	26.6	C	22.7	C	25.1	C	28.7	B	26.5	C	29.7	B	30.5	B	26.6	C	25.3	C	22.6	C	24.4	C	24.0	C	26.0	C	19.9	D	24.6	C	19.1	D	23.9	C
CR 46A to Timacuan Blvd.	0.30	24.8	C			43.7	A			35.4	A			42.0	A			26.5	C			19.8	D			26.5	C			26.5	C			24.0	C			29.0	B		
Timacuan Blvd. to Postal Dist. Ctr.	0.21	31.5	B			41.1	A			40.9	A			45.8	A			38.8	A			25.2	C			28.6	B			30.7	B			29.3	B			39.4	A		
Postal Dist. Ctr. to Wallace Rd.	0.33	35.7	A			46.9	A			35.6	A			41.3	A			39.1	A			34.1	B			28.3	B			39.6	A			33.0	B			34.7	B		
Wallace Rd. to Stromberg/Seimens Dr./Manderley Run	0.48	37.6	A			39.7	A			44.1	A			38.2	A			33.2	B			38.7	A			43.2	A			36.5	A			34.3	B			36.5	A		
Stromberg/Seimens Dr./Manderley to Primera Blvd.	0.14	39.9	A			30.4	B			27.6	C			18.1	D			14.2	E			24.3	C			14.5	E			17.9	D			15.0	E			16.5	E		
Primera Blvd. to Anderson Ln.	0.08	33.1	B	33.0	B	39.9	A	40.8	A	41.6	A	37.7	A	38.2	A	36.3	A	33.4	B	29.6	B	40.0	A	28.9	B	34.3	B	28.7	B	36.9	A	31.0	B	36.9	A	27.9	C	34.3	B	31.3	B
Anderson Ln. to Public Works*	0.14	48.4	A			42.7	A			36.7	A			41.9	A			44.2	A			42.0	A			49.4	A			32.3	B			42.0	A			36.5	A		
Public Works to Pine Circle Dr.*	0.14	50.6	A			48.9	A			43.4	A			42.1	A			43.8	A			45.0	A			34.6	B			42.0	A			44.2	A			42.0	A		
Pine Circle Dr. to Lake Mary Blvd.	0.26	15.4	E	24.5	C	13.7	E	21.8	D	12.2	F	19.5	D	15.1	E	23.1	C	18.6	D	26.7	C	13.1	E	20.8	D	10.1	F	16.8	E	8.3	F	13.8	E	9.9	F	16.5	E	8.0	F	13.7	E
Average				28.9	B			29.3	B			27.5	C			28.8	B			27.7	C			24.1	C			22.8	C			22.9	C			24.0	C			24.5	C

Note: * From 2008 the segment Public works is replaced by Crystal Lake Elementary School

TABLE C28.1a
Year 2014 Seminole County Travel Time & Delay Study
Sand Lake Road - Eastbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
Lime Dr. to Burlington Dr.	0.11	-	-			-	-			-	-			-	-			-	-			-	-			26.7	B			25.7	B			31.3	A			25.7	B		
Burlington Dr. to Wekiva Cove Rd.	0.30	-	-			-	-			-	-			-	-			-	-			-	-			28.9	B			31.8	A			35.5	A			33.2	A		
Wekiva Cove Rd. to Hunt Club Blvd.	0.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.2	E	18.2	C	9.1	F	16.4	D	12.9	E	21.5	C	9.1	F	16.6	D
Hunt Club Blvd. to W. Lake Brantley Rd.	0.84	29.2	B			29.0	B			30.2	A			30.2	A			23.3	C			29.5	B			25.9	B			27.6	B			25.4	B			28.7	B		
W. Lake Brantley Rd. (W) to W. Lake Brantley Rd. (E)	0.27	18.5	C			15.9	D			23.3	C			19.7	C	26.9	B	22.0	C	23.0	C	19.5	C	26.4	B	20.0	C	24.3	B	22.0	C	26.0	B	22.6	C	24.7	B	13.8	E	22.9	C
W. Lake Brantley Rd. (E) to Classic Dr.	0.33	20.8	C			19.1	C			14.9	D			33.8	A			19.0	C			17.9	D			15.5	D			15.2	D			20.9	C			18.6	C		
Classic Dr. to Elem. Sch.	0.07	10.1	E			7.8	F			8.9	F			9.8	F			11.4	E			26.2	B			22.1	C			24.7	B			8.1	F			7.2	F		
Elem. Sch. to High Sch. Ent./Exit	0.23	17.5	D			21.8	C			27.7	B			25.3	B			25.3	B			23.2	C			27.7	B			16.6	D			14.0	E			30.6	A		
High Sch. Ent./Exit to SR 434	0.11	3.5	F	16.3	D	4.3	F	16.6	D	4.3	F	17.4	D	4.0	F	12.8	E	4.2	F	11.9	E	3.6	F	11.3	E	7.2	F	15.0	D	6.7	F	13.1	E	5.3	F	11.5	E	4.9	F	12.4	E
Average				16.3	D			16.6	D			17.4	D			18.6	C			16.7	D			17.2	D			19.2	C			18.1	C			17.8	D			17.0	D
PM PEAK HOUR																																									
Lime Dr. to Burlington Dr.	0.11	-	-			-	-			-	-			-	-			-	-			-	-			31.3	A			21.8	C			28.8	B			27.7	B		
Burlington Dr. to Wekiva Cove Rd.	0.30	-	-			-	-			-	-			-	-			-	-			-	-			33.2	A			31.8	A			35.5	A			33.2	A		
Wekiva Cove Rd. to Hunt Club Blvd.	0.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.3	F	14.6	D	6.5	F	12.9	E	15.6	D	23.6	C	12.6	E	20.5	C
Hunt Club Blvd. to W. Lake Brantley Rd.	0.84	34.5	A			35.8	A			37.1	A			36.6	A			34.6	A			34.9	A			31.5	A			31.5	A			29.2	B			31.7	A		
W. Lake Brantley Rd. (W) to W. Lake Brantley Rd. (E)	0.27	27.0	B			23.4	C			33.9	A			24.4	B	32.8	A	26.0	B	32.2	A	21.7	C	30.5	A	23.6	C	29.2	B	20.5	C	28.0	B	23.3	C	27.5	B	16.8	D	26.2	B
W. Lake Brantley Rd. (E) to Classic Dr.	0.33	29.7	B			36.2	A			34.4	A			35.1	A			34.4	A			31.5	A			32.1	A			31.5	A			33.2	A			31.5	A		
Classic Dr. to Elem. Sch.	0.07	7.6	F			15.0	D			12.7	E			23.3	C			35.0	A			9.5	F			12.4	E			14.5	D			17.5	D			24.7	B		
Elem. Sch. to High Sch. Ent./Exit	0.23	29.6	B			32.5	A			32.7	A			31.3	A			34.3	A			20.6	C			30.0	B			28.8	B			30.6	A			29.4	B		
High Sch. Ent./Exit to SR 434	0.11	6.2	F	22.8	C	4.8	F	22.5	C	4.3	F	22.6	C	4.0	F	14.5	D	3.6	F	14.0	E	5.6	F	14.4	D	5.9	F	16.5	D	5.9	F	16.7	D	5.9	F	17.4	D	5.8	F	17.4	D
Average				22.8	C			22.5	C			22.6	C			21.7	C			21.1	C			21.1	C			19.8	C			18.8	C			22.6	C			21.5	C

TABLE C28.1b
Year 2014 Seminole County Travel Time & Delay Study
Sand Lake Road - Westbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
SR 434 to High Sch. Ent./Exit	0.13	17.6	D			11.6	E			11.0	E			21.1	C			21.1	C			16.2	D			14.7	D			18.6	C			14.7	D			21.7	C		
High Sch. Ent./Exit to Elem. Sch.	0.21	29.1	B			22.7	C			28.8	B			26.7	B			34.3	A			27.7	B			19.7	C			16.7	D			26.2	B			26.7	B		
Elem. Sch. to Classic Dr.	0.09	29.4	B			34.9	A			32.3	A			35.0	A			35.0	A			35.0	A			32.3	A			32.3	A			35.0	A			26.2	B		
Classic Dr. to W. lake Brantley Rd. (E)	0.31	26.7	B			29.0	B			28.2	B			33.2	A	28.3	B	33.2	A	30.6	A	32.1	A	26.5	B	23.5	C	20.6	C	25.5	B	21.0	C	23.2	C	22.5	C	33.8	A	27.9	B
W. Lake Brantley Rd. (E) to W. lake Brantley Rd. (W)	0.26	19.0	C			26.4	B			20.3	C			24.0	C			30.0	B			24.4	B			21.1	C			26.0	B			20.8	C			24.4	B		
W. Lake Brantley Rd. (W) to Hunt Club Blvd.	0.84	20.9	C	22.1	C	21.7	C	22.3	C	23.5	C	22.6	C	24.1	B	24.1	B	23.7	C	24.9	B	31.3	A	29.3	B	19.7	C	20.0	C	19.2	C	20.4	C	20.5	C	20.5	C	19.3	C	20.3	C
Hunt Club Blvd. to Wekiva Cove Rd.	0.17	-	-			-	-			-	-			-	-			-	-			-	-			30.0	B			31.5	A			35.0	A			34.1	A		
Wekiva Cove Rd. to Burlington Dr.	0.30	-	-			-	-			-	-			-	-			-	-			-	-			30.6	A			29.4	B			33.9	A			35.5	A		
Burlington Dr. to Lime Dr.	0.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.5	C	28.3	B	23.2	C	28.5	B	22.5	C	31.1	A	23.2	C	31.6	A
Average				22.1	C			22.3	C			22.6	C			25.6	B			26.9	B			28.1	B			21.7	C			22.1	C			23.0	C			24.4	B
PM PEAK HOUR																																									
SR 434 to High Sch. Ent./Exit	0.13	19.4	C			17.2	D			24.4	B			25.2	B			26.9	B			21.1	C			21.7	C			17.3	D			16.6	D			13.4	E		
High Sch. Ent./Exit to Elem. Sch.	0.21	21.3	C			19.5	C			25.3	B			29.4	B			32.0	A			28.2	B			23.6	C			17.1	D			19.7	C			23.2	C		
Elem. Sch. to Classic Dr.	0.09	20.0	C			30.9	A			35.0	A			38.2	A			38.2	A			32.3	A			35.0	A			30.0	B			28.0	B			32.3	A		
Classic Dr. to W. lake Brantley Rd. (E)	0.31	27.8	B			27.8	B			27.0	B			32.1	A	30.2	A	27.8	B	29.6	B	27.0	B	26.5	B	20.0	C	22.3	C	24.2	B	20.5	C	25.8	B	21.7	C	27.0	B	22.3	C
W. Lake Brantley Rd. (E) to W. lake Brantley Rd. (W)	0.26	29.4	B			24.6	B			23.3	C			27.4	B			22.9	C			22.3	C			14.7	D			26.4	B			28.4	B			20.0	C		
W. Lake Brantley Rd. (W) to Hunt Club Blvd.	0.84	21.4	C	22.9	C	22.2	C	22.7	C	24.1	B	24.9	B	27.7	B	27.7	B	24.8	B	24.3	B	21.3	C	21.5	C	20.3	C	18.7	C	25.9	B	26.0	B	19.5	C	21.0	C	20.6	C	20.4	C
Hunt Club Blvd. to Wekiva Cove Rd.	0.17	-	-			-	-			-	-			-	-			-	-			-	-			31.5	A			32.3	A			34.1	A			32.3	A		
Wekiva Cove Rd. to Burlington Dr.	0.30	-	-			-	-			-	-			-	-			-	-			-	-			32.5	A			33.2	A			34.7	A			34.7	A		
Burlington Dr. to Lime Dr.	0.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.0	C	30.0	B	26.7	B	31.3	A	24.8	B	31.9	A	22.5	C	30.5	A
Average				22.9	C			22.7	C			24.9	B			28.6	B			26.2	B			23.3	C			21.7	C			25.0	B			23.1	C			22.8	C

TABLE C29.1a
Year 2014 Seminole County Travel Time & Delay Study
Sanford Avenue - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Distance (ft)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																		
Lake Mary Blvd. to Sanora Blvd.	0.49	2,604	39.5	A			40.5	A			35.4	A			33.8	B		
Sanora Blvd. to Airport Blvd.	0.27	1,438	28.1	B	34.5	B	32.6	B	36.9	A	31.1	B	33.7	B	29.5	B	32.1	B
Airport Blvd. to 27th St.	0.51	2,693	41.6	A			40.5	A			43.7	A			41.9	A		
27th St. to 25th Pl.	0.40	2,105	41.6	A			41.9	A			43.6	A			43.6	A		
25th Pl. to SR 46	0.14	746	13.7	E	33.1	B	12.5	F	31.3	B	19.1	D	37.0	A	9.9	F	29.0	B
SR 46 to 20th St.	0.50	2,640	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20th St. to RR Tracks	0.16	845	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RR Tracks to 13th St.	0.31	1,637	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13th St. to Celery Ave.	0.03	158	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Celery Ave. to 6th St.	0.41	2,165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6th St. to 1st St.	0.31	1,637	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average					33.6	B			33.5	B			35.5	A			30.2	B
PM PEAK HOUR																		
Lake Mary Blvd. to Sanora Blvd.	0.49	2,604	42.2	A			39.7	A			23.5	C			35.9	A		
Sanora Blvd. to Airport Blvd.	0.27	1,438	23.3	C	32.9	B	27.6	C	34.2	B	39.5	A	27.7	C	19.3	D	27.2	C
Airport Blvd. to 27th St.	0.51	2,693	34.2	B			41.0	A			39.7	A			39.7	A		
27th St. to 25th Pl.	0.40	2,105	47.6	A			43.6	A			40.0	A			42.9	A		
25th Pl. to SR 46	0.14	746	8.6	F	26.9	C	10.0	F	28.9	B	8.0	F	25.5	C	10.2	F	28.8	B
SR 46 to 20th St.	0.50	2,640	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20th St. to RR Tracks	0.16	845	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RR Tracks to 13th St.	0.31	1,637	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13th St. to Celery Ave.	0.03	158	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Celery Ave. to 6th St.	0.41	2,165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6th St. to 1st St.	0.31	1,637	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average					29.2	B			31.0	B			26.4	C			28.1	B

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
Lake Mary Blvd. to Sanora Blvd.	40.3	A			38.2	A			39.7	A			39.7	A			41.7	A			40.0	A		
Sanora Blvd. to Airport Blvd.	29.0	B	35.2	A	38.7	A	38.4	A	26.8	C	33.7	B	24.5	C	32.3	B	30.5	B	36.7	A	29.5	B	35.3	A
Airport Blvd. to 27th St.	42.5	A			38.2	A			36.9	A			39.2	A			38.7	A			36.4	A		
27th St. to 25th Pl.	41.4	A			38.1	A			36.9	A			40.7	A			42.1	A			36.4	A		
25th Pl. to SR 46	12.2	F	31.2	B	21.4	D	34.4	B	8.9	F	25.5	C	7.4	F	24.7	C	9.7	F	27.8	C	9.2	F	25.6	C
SR 46 to 20th St.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.1	C			23.1	C		
20th St. to RR Tracks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.3	C			25.9	B		
RR Tracks to 13th St.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.3	E			12.3	E		
13th St. to Celery Ave.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.0	C			22.5	C		
Celery Ave. to 6th St.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30.0	B	20.4	C	30.4	A	20.8	C
6th St. to 1st St.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.2	B	23.2	B	12.0	D	12.0	D
Average			32.8	B			36.0	A			28.5	B			27.4	C			25.1	C			22.6	C
PM PEAK HOUR																								
Lake Mary Blvd. to Sanora Blvd.	41.4	A			38.2	A			41.4	A			40.8	A			42.4	A			39.5	A		
Sanora Blvd. to Airport Blvd.	34.8	B	38.7	A	24.9	C	31.8	B	35.5	A	39.0	A	34.8	B	38.4	A	19.1	D	29.1	B	34.1	B	37.3	A
Airport Blvd. to 27th St.	43.1	A			38.7	A			36.9	A			39.7	A			39.7	A			37.3	A		
27th St. to 25th Pl.	42.1	A			38.7	A			37.5	A			38.1	A			42.1	A			36.9	A		
25th Pl. to SR 46	12.0	F	31.3	B	18.4	D	33.5	B	12.9	F	29.3	B	10.8	F	28.5	B	6.2	F	22.9	C	10.0	F	26.8	C
SR 46 to 20th St.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27.3	B			21.4	C		
20th St. to RR Tracks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.7	B			27.4	B		
RR Tracks to 13th St.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.3	E			14.1	D		
13th St. to Celery Ave.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.0	C			20.0	C		
Celery Ave. to 6th St.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31.9	A	22.1	C	26.7	B	20.7	C
6th St. to 1st St.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.8	C	18.8	C	13.4	C	13.4	C
Average			34.1	B			32.8	B			32.8	B			32.0	B			23.2	C			23.5	C

TABLE C29.1b
Year 2014 Seminole County Travel Time & Delay Study
Sanford Avenue - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Distance (ft)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																		
1st St. to 6th St.	0.31	1,637	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6th St. to Celery Ave.	0.41	2,165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Celery Ave. to 13th St.	0.03	158	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13th St. to RR Tracks	0.31	1,637	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RR Tracks to 20th St.	0.16	845	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20th St. to SR 46	0.50	2,640	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SR 46 to 25th Pl.	0.16	848	29.8	B			31.8	B			31.0	B			33.3	B		
25th Pl. to 27th St.	0.40	2,102	42.1	A			45.4	A			44.4	A			42.1	A		
27th St. to Airport Blvd.	0.49	2,600	26.5	C	31.4	B	31.0	B	35.3	A	34.4	B	37.0	A	29.4	B	33.8	B
Airport Blvd. to Sanora Blvd.	0.29	1,528	38.1	A			41.5	A			43.5	A			43.5	A		
Sanora Blvd. to Lake Mary Blvd.	0.47	2,461	30.7	B	33.2	B	35.5	A	37.4	A	29.1	B	33.2	B	19.5	D	24.5	C
Average					32.2	B			36.2	A			35.3	A			29.1	B
PM PEAK HOUR																		
1st St. to 6th St.	0.31	1,637	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6th St. to Celery Ave.	0.41	2,165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Celery Ave. to 13th St.	0.03	158	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13th St. to RR Tracks	0.31	1,637	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RR Tracks to 20th St.	0.16	845	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20th St. to SR 46	0.50	2,640	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SR 46 to 25th Pl.	0.16	848	32.3	B			31.7	B			32.1	B			33.3	B		
25th Pl. to 27th St.	0.40	2,102	46.0	A			42.8	A			42.9	A			42.1	A		
27th St. to Airport Blvd.	0.49	2,600	29.8	B	34.8	B	40.7	A	39.7	A	28.3	B	33.1	B	22.5	C	28.9	B
Airport Blvd. to Sanora Blvd.	0.29	1,528	42.5	A			43.8	A			42.4	A			41.4	A		
Sanora Blvd. to Lake Mary Blvd.	0.47	2,461	27.6	C	32.1	B	24.4	C	29.2	B	19.6	D	24.5	C	33.0	B	35.7	A
Average					33.6	B			34.5	B			28.8	B			31.5	B

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
1st St. to 6th St.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.1	A	25.1	A	15.2	C	15.2	C
6th St. to Celery Ave.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.1	D			23.9	C		
Celery Ave. to 13th St.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.7	B			22.5	C		
13th St. to RR Tracks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33.2	A			30.0	B		
RR Tracks to 20th St.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.5	C			18.5	C		
20th St. to SR 46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.1	D	17.9	D	15.5	D	20.2	C
SR 46 to 25th Pl.	33.3	B			33.3	B			31.0	B			34.6	B			33.3	B			32.1	B		
25th Pl. to 27th St.	42.1	A			37.5	A			37.5	A			38.1	A			41.4	A			35.8	A		
27th St. to Airport Blvd.	28.6	B	33.3	B	30.6	B	33.3	B	34.0	B	34.8	B	32.6	B	34.8	B	26.4	C	31.6	B	24.3	C	28.8	B
Airport Blvd. to Sanora Blvd.	43.5	A			41.4	A			41.4	A			40.5	A			42.4	A			38.7	A		
Sanora Blvd. to Lake Mary Blvd.	19.3	D	24.4	C	22.8	C	27.4	C	20.9	D	25.6	C	27.2	C	31.0	B	20.1	D	25.1	C	19.3	D	23.8	C
Average			28.8	B			30.5	B			30.2	B			33.1	B			22.9	C			22.3	C
PM PEAK HOUR																								
1st St. to 6th St.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.8	B	24.8	B	17.1	C	17.1	C
6th St. to Celery Ave.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.0	D			20.7	C		
Celery Ave. to 13th St.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.5	C			20.0	C		
13th St. to RR Tracks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31.5	A			28.2	B		
RR Tracks to 20th St.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.5	D			12.3	E		
20th St. to SR 46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.5	E	17.6	D	14.2	D	17.5	D
SR 46 to 25th Pl.	33.3	B			34.6	B			29.0	B			33.3	B			34.6	B			33.3	B		
25th Pl. to 27th St.	42.9	A			38.7	A			36.4	A			38.7	A			40.7	A			38.1	A		
27th St. to Airport Blvd.	32.6	B	35.9	A	28.3	B	32.4	B	26.6	C	30.0	B	30.9	B	33.8	B	25.5	C	31.0	B	30.6	B	33.5	B
Airport Blvd. to Sanora Blvd.	42.4	A			41.4	A			39.5	A			38.7	A			40.5	A			41.4	A		
Sanora Blvd. to Lake Mary Blvd.	19.9	D	24.8	C	33.4	B	36.0	A	22.4	C	26.7	C	23.7	C	27.7	C	36.5	A	37.9	A	22.0	D	26.7	C
Average			30.2	B			33.9	B			28.5	B			30.9	B			24.1	C			22.3	C

TABLE C30.1a
Year 2014 Seminole County Travel Time & Delay Study
Tuskawilla Road - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																																									
SR 426/Aloma Ave. to Trail Crossing*	0.74	36.2	A			38.2	A			18.8	D			30.2	B			29.8	B			24.0	C			28.8	B			26.7	C			28.8	B			34.3	B		
Trail Crossing to Gabriella Ln.										38.1	A			41.9	A			45.9	A			41.1	A			39.4	A			38.2	A			40.6	A			39.4	A		
Gabriella Ln. to Dike Rd.	0.50	32.3	B	34.5	B	35.5	A	37.1	A	36.0	A	34.5	B	35.3	A	37.9	A	37.1	A	40.2	A	35.0	B	36.1	A	31.2	B	34.6	B	29.7	B	33.0	B	30.3	B	34.6	B	28.0	B	33.5	B
Dike Rd. to Red Bug Lake Rd.	0.78	25.7	C	25.7	C	29.4	B	29.4	B	30.3	B	30.3	B	30.1	B	30.1	B	28.0	C	28.0	C	22.8	C	22.8	C	20.9	D	20.9	D	16.8	E	16.8	E	19.6	D	19.6	D	19.5	D	19.5	D
Red Bug Lake Rd. to Eagle Blvd.	0.83	41.3	A			40.1	A			33.3	B			40.6	A			36.0	A			37.3	A			39.8	A			40.2	A			39.8	A			36.3	A		
Eagle Blvd. to E. Lake Dr.	0.32	36.0	A	39.7	A	33.2	B	38.0	A	44.3	A	35.7	A	36.3	A	39.3	A	41.8	A	37.3	A	35.1	A	36.6	A	39.6	A	39.8	A	41.3	A	40.5	A	35.8	A	38.6	A	36.5	A	36.4	A
E. Lake Dr. to Dyson Dr.	0.10	37.5	A			31.9	B			27.6	C			31.0	B			21.7	D			26.1	C			20.7	D			42.9	A			37.5	A			28.6	B		
Dyson Dr. to Winter Springs Blvd.	0.89	30.2	B	30.8	B	38.2	A	37.4	A	33.3	B	32.7	B	39.8	A	38.7	A	42.2	A	38.6	A	35.2	A	34.0	B	38.1	A	35.1	A	35.6	A	36.2	A	38.4	A	38.3	A	31.2	B	30.9	B
Winter Springs Blvd. to Trotwood Blvd.	0.67	27.5	C			24.8	C			23.5	C			27.0	C			37.0	A			28.1	B			34.1	B			33.8	B			23.0	C			25.6	C		
Trotwood Blvd. to SR 434	0.86	18.2	D	21.4	D	18.5	D	20.8	D	17.5	D	19.7	D	28.2	B	27.6	C	28.9	B	32.0	B	17.2	D	20.7	D	19.4	D	23.9	C	28.5	B	30.6	B	36.3	A	29.0	B	22.7	C	23.9	C
Average				28.6	B			30.0	B			28.2	B			33.7	B			35.0	B			28.0	B			29.3	B			30.0	B			30.9	B			27.8	C
PM PEAK HOUR																																									
SR 426/Aloma Ave. to Trail Crossing*	0.74	41.0	A			41.7	A			31.2	B			19.3	D			29.2	B			28.8	B			14.4	E			25.7	C			15.7	E			28.8	B		
Trail Crossing to Gabriella Ln.										43.6	A			45.5	A			42.2	A			39.8	A			43.0	A			38.6	A			38.6	A			36.7	A		
Gabriella Ln. to Dike Rd.	0.50	37.2	A	39.4	A	37.9	A	40.1	A	26.4	C	33.7	B	37.0	A	38.1	A	25.5	C	32.5	B	30.6	B	34.4	B	26.3	C	29.8	B	36.1	A	35.9	A	33.3	B	32.1	B	34.1	B	34.7	B
Dike Rd. to Red Bug Lake Rd.	0.78	22.1	C	22.1	C	17.9	D	17.9	D	19.8	D	19.8	D	19.3	D	19.3	D	16.7	E	16.7	E	22.9	C	22.9	C	23.6	C	23.6	C	20.4	D	20.4	D	21.6	D	21.6	D	22.3	C	22.3	C
Red Bug Lake Rd. to Eagle Blvd.	0.83	36.6	A			32.9	B			37.8	A			39.5	A			36.6	A			39.4	A			36.1	A			43.3	A			36.9	A			35.3	A		
Eagle Blvd. to E. Lake Dr.	0.32	40.6	A	37.6	A	37.7	A	34.1	B	33.3	B	36.5	A	33.9	B	37.8	A	30.7	B	34.8	B	29.1	B	35.9	A	38.7	A	36.8	A	36.5	A	41.2	A	33.2	B	35.8	A	29.1	B	33.4	B
E. Lake Dr. to Dyson Dr.	0.10	43.6	A			29.3	B			38.4	A			40.8	A			36.0	A			37.5	A			42.9	A			28.6	B			22.2	C			28.6	B		
Dyson Dr. to Winter Springs Blvd.	0.89	40.6	A	40.9	A	45.3	A	43.1	A	41.4	A	41.1	A	39.2	A	39.3	A	42.3	A	41.6	A	40.0	A	39.7	A	34.5	B	35.1	A	45.3	A	42.7	A	33.4	B	31.8	B	30.9	B	30.6	B
Winter Springs Blvd. to Trotwood Blvd.	0.67	37.9	A			35.7	A			33.9	B			43.4	A			39.1	A			42.3	A			35.6	A			45.7	A			30.2	B			36.5	A		
Trotwood Blvd. to SR 434	0.86	23.8	C	28.5	B	28.3	B	31.2	B	22.4	C	26.4	C	27.5	C	32.8	B	32.3	B	35.0	A	25.5	C	30.9	B	26.5	C	29.8	B	17.0	E	23.4	C	35.6	A	33.0	B	18.0	D	23.2	C
Average				32.5	B			31.6	B			30.0	B			32.5	B			30.8	B			32.2	B			30.7	B			30.1	B			30.8	B			28.0	C

Note: * The distance, 0.74 mile, is from SR 426 (Aloma Av) to Gabriella Ln

TABLE C30.1b
Year 2014 Seminole County Travel Time & Delay Study
Tuskawilla Road - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																																									
SR 434 to Trotwood Blvd.	0.86	23.8	C			19.5	D			24.7	C			23.0	C			29.0	B			34.5	B			26.7	C			34.6	B			28.4	B			25.2	C		
Trotwood Blvd. to Winter Springs Blvd.	0.67	33.9	B	27.4	C	25.9	C	21.9	D	38.5	A	29.4	B	32.7	B	26.5	C	36.5	A	31.8	B	36.2	A	35.2	A	28.5	B	27.5	C	37.9	A	36.0	A	33.5	B	30.4	B	34.7	B	28.6	B
Winter Springs Blvd. to Dyson Dr.	0.89	36.7	A			39.7	A			34.2	B			37.4	A			42.7	A			37.7	A			38.7	A			37.9	A			33.6	B			40.5	A		
Dyson Dr. to E. Lake Dr.	0.10	20.7	D	34.2	B	17.0	E	35.2	A	13.4	E	29.8	B	10.4	F	30.1	B	16.7	E	37.3	A	16.7	E	33.4	B	16.7	E	34.1	B	10.7	F	30.2	B	11.8	F	28.3	B	12.5	F	33.0	B
E. Lake Dr. to Eagle Blvd.	0.31	29.3	B			29.8	B			38.0	A			38.1	A			33.3	B			25.8	C			30.5	B			25.1	C			24.8	C			27.0	C		
Eagle Blvd. to Red Bug Lake Rd.	0.84	18.1	D	20.3	D	19.6	D	21.7	D	15.4	E	18.4	D	31.0	B	32.7	B	26.0	C	27.7	C	27.5	C	27.0	C	16.0	E	18.4	D	26.6	C	26.2	C	17.2	D	18.8	D	20.3	D	21.8	D
Red Bug Lake Rd. to Dike Rd.	0.77	42.4	A	42.4	A	40.4	A	40.4	A	35.6	A	35.6	A	36.0	A	36.0	A	34.7	B	34.7	B	38.7	A	38.7	A	35.2	A	35.2	A	32.7	B	32.7	B	33.4	B	33.4	B	27.9	C	27.9	C
Dike Rd. to Gabriella Ln.	0.50	33.1	B			31.8	B			33.4	B			33.0	B			31.8	B			29.1	B			36.1	A			26.1	C			25.9	C			30.3	B		
Gabriella Ln. to Trail Crossing										31.1	B			23.8	C			42.1	A			39.8	A			40.2	A			39.4	A			39.8	A			40.6	A		
Trail Crossing. to SR 426/Aloma Ave.*	0.76	16.5	E	20.7	D	23.1	C	26.0	C	7.8	F	26.2	C	6.3	F	22.3	C	4.5	F	24.9	C	4.6	F	21.1	D	4.7	F	22.7	C	5.5	F	21.9	D	16.4	E	29.4	B	6.4	F	24.7	C
Average				25.9	C			26.1	C			26.3	C			28.0	B			30.2	B			29.2	B			25.4	C			28.5	B			26.9	C			26.5	C
PM PEAK HOUR																																									
SR 434 to Trotwood Blvd.	0.86	35.8	A			41.9	A			35.9	A			35.3	A			35.0	B			37.2	A			32.7	B			38.8	A			32.5	B			35.6	A		
Trotwood Blvd. to Winter Springs Blvd.	0.67	31.9	B	34.0	B	32.0	B	36.9	A	36.9	A	36.3	A	38.7	A	36.7	A	39.3	A	36.7	A	40.6	A	38.6	A	32.7	B	32.7	B	34.7	B	36.9	A	35.9	A	33.9	B	31.7	B	33.7	B
Winter Springs Blvd. to Dyson Dr.	0.89	43.2	A			40.9	A			41.3	A			42.0	A			44.9	A			41.9	A			41.1	A			42.7	A			39.0	A			37.3	A		
Dyson Dr. to E. Lake Dr.	0.10	12.0	F	34.6	B	11.2	F	32.3	B	14.8	E	35.3	A	12.7	F	34.6	B	9.9	F	33.8	B	18.2	D	37.0	A	13.0	E	33.7	B	16.7	E	36.9	A	16.2	E	34.1	B	13.0	E	31.4	B
E. Lake Dr. to Eagle Blvd.	0.31	23.0	C			30.4	B			25.9	C			32.6	B			42.0	A			36.5	A			32.1	B			37.2	A			33.8	B			35.1	A		
Eagle Blvd. to Red Bug Lake Rd.	0.84	33.2	B	29.6	B	22.0	C	23.9	C	22.0	C	22.9	C	23.3	C	25.3	C	19.5	D	23.0	C	23.0	C	25.6	C	18.2	D	20.7	D	23.9	C	26.5	C	22.7	C	25.0	C	23.4	C	25.7	C
Red Bug Lake Rd. to Dike Rd.	0.77	32.5	B	32.5	B	29.1	B	29.1	B	35.3	A	35.3	A	28.8	B	28.8	B	34.3	B	34.3	B	29.2	B	29.2	B	35.2	A	35.2	A	27.5	C	27.5	C	30.0	B	30.0	B	34.7	B	34.7	B
Dike Rd. to Gabriella Ln.	0.50	43.9	A			40.2	A			32.6	B			42.5	A			41.9	A			40.8	A			33.0	B			37.0	A			32.6	B			40.0	A		
Gabriella Ln. to Trail Crossing										44.4	A			44.6	A			43.7	A			42.0	A			42.5	A			41.5	A			39.0	A			41.1	A		
Trail Crossing. to SR 426/Aloma Ave.*	0.76	25.4	C	30.6	B	24.4	C	29.0	B	7.0	F	29.7	B	3.3	F	24.0	C	5.2	F	29.4	B	7.9	F	29.4	B	5.1	F	23.3	C	4.7	F	23.1	C	8.9	F	27.8	C	6.7	F	27.4	C
Average				32.1	B			30.0	B			30.9	B			29.2	B			30.6	B			31.6	B			27.5	C			29.4	B			29.8	B			30.1	B

Note: * The distance, 0.76 mile, is from Gabriella Ln to SR 426/Aloma Ave.

TABLE C31.1a
Year 2014 Seminole County Travel Time & Delay Study
Wekiva Springs Road - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
Orange County Line to Hunt Club Blvd.	0.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hunt Club Blvd. to Sweetwater Cove Blvd.	0.44	15.0	D			30.9	A			31.3	A			35.2	A		
Sweetwater Cove Blvd. to Riverbend Blvd.	0.32	9.8	F			22.1	C			20.7	C			18.1	C		
Riverbend Blvd. to Sweetwater Blvd.	0.05	18.2	C			30.2	A			30.2	A			27.5	B		
Sweetwater Blvd. to Fox Valley Rd.	0.76	14.0	E	13.2	E	15.6	D	19.8	C	17.8	D	21.3	C	26.5	B	26.0	B
Fox Valley Rd. to Sabal Palm Dr.	0.17	34.3	A			30.0	A			31.8	A			20.4	C		
Sabal Palm Dr. to Cutler Rd.	0.03																
Cutler Rd. to Sabal Club Way	0.31	35.8	A			41.2	A			41.1	A			37.9	A		
Sabal Club Way to E. Lake Brantley Rd.	0.29	18.5	C	26.7	B	23.4	C	30.4	A	29.0	B	33.9	A	13.4	E	20.7	C
E. Lake Brantley to Wekiva Springs Ln.	0.50	38.4	A			33.7	A			36.2	A			32.3	A		
Wekiva Springs Ln. to SR 434	0.37	9.3	F	16.9	D	10.4	E	17.6	D	15.3	D	23.3	C	18.0	C	22.8	C
Average				16.1	D			20.9	C			24.1	B			24.1	B
PM PEAK HOUR																	
Orange County Line to Hunt Club Blvd.	0.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hunt Club Blvd. to Sweetwater Cove Blvd.	0.44	35.5	A			33.4	A			32.0	A			34.8	A		
Sweetwater Cove Blvd. to Riverbend Blvd.	0.32	22.0	C			29.8	B			32.1	A			24.6	B		
Riverbend Blvd. to Sweetwater Blvd.	0.05	27.1	B			30.0	A			29.9	B			34.2	A		
Sweetwater Blvd. to Fox Valley Rd.	0.76	33.0	A	30.3	A	34.0	A	32.7	A	33.6	A	32.7	A	33.5	A	31.5	A
Fox Valley Rd. to Sabal Palm Dr.	0.17	33.6	A			29.6	B			35.7	A			27.7	B		
Sabal Palm Dr. to Cutler Rd.	0.03																
Cutler Rd. to Sabal Club Way	0.31	39.9	A			39.0	A			42.1	A			36.3	A		
Sabal Club Way to E. Lake Brantley Rd.	0.29	22.1	C	30.1	A	20.0	C	27.7	B	25.4	B	33.1	A	21.1	C	27.4	B
E. Lake Brantley to Wekiva Springs Ln.	0.50	38.4	A			31.8	A			37.3	A			31.6	A		
Wekiva Springs Ln. to SR 434	0.37	9.9	F	17.8	D	6.1	F	11.5	E	12.7	E	20.9	C	11.3	E	18.4	C
Average				25.5	B			21.2	C			28.5	B			25.7	B

Roadway Segments	Distance (mile)	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																									
Orange County Line to Hunt Club Blvd.	0.90	-	-	-	-	-	-	-	-	29.5	B	29.5	B	25.8	C	25.8	C	31.4	B	31.4	B	31.6	B	31.6	B
Hunt Club Blvd. to Sweetwater Cove Blvd.	0.44	16.6	D			29.3	B			22.7	C			19.4	C			33.7	A			28.1	B		
Sweetwater Cove Blvd. to Riverbend Blvd.	0.32	26.4	B			18.2	C			16.7	D			12.3	E			23.6	C			25.0	B		
Riverbend Blvd. to Sweetwater Blvd.	0.05	34.3	A			34.3	A			30.0	B			14.1	D			30.0	B			30.0	B		
Sweetwater Blvd. to Fox Valley Rd.	0.76	18.5	C	19.3	C	19.6	C	21.5	C	20.5	C	20.2	C	19.6	C	17.1	D	17.5	D	22.0	C	21.6	C	24.1	B
Fox Valley Rd. to Sabal Palm Dr.	0.17	34.0	A			24.3	B			26.2	B			24.3	B			21.7	C			35.2	A		
Sabal Palm Dr. to Cutler Rd.	0.03																								
Cutler Rd. to Sabal Club Way	0.31	42.5	A			37.1	A			34.0	A			37.8	A			38.5	A			36.4	A		
Sabal Club Way to E. Lake Brantley Rd.	0.29	26.1	B	33.4	A	20.2	C	26.4	B	26.2	B	29.1	B	21.8	C	27.4	B	23.7	C	27.7	B	36.5	A	36.2	A
E. Lake Brantley to Wekiva Springs Ln.	0.50	39.2	A			35.9	A			33.3	A			34.4	A			33.3	A			36.0	A		
Wekiva Springs Ln. to SR 434	0.37	13.3	E	20.9	C	18.5	C	25.2	B	11.3	E	18.3	C	16.6	D	23.7	C	18.0	C	24.6	B	11.2	E	18.6	C
Average				22.0	C			23.5	C			22.5	C			21.5	C			25.1	B			25.4	B
PM PEAK HOUR																									
Orange County Line to Hunt Club Blvd.	0.90	-	-	-	-	-	-	-	-	32.0	B	32.0	B	30.9	B	30.9	B	31.8	B	31.8	B	26.4	C	26.4	C
Hunt Club Blvd. to Sweetwater Cove Blvd.	0.44	20.5	C			35.7	A			35.5	A			32.5	A			39.1	A			36.0	A		
Sweetwater Cove Blvd. to Riverbend Blvd.	0.32	39.6	A			33.0	A			31.8	A			24.7	B			37.5	A			35.0	A		
Riverbend Blvd. to Sweetwater Blvd.	0.05	40.0	A			34.3	A			34.3	A			16.0	D			40.0	A			34.3	A		
Sweetwater Blvd. to Fox Valley Rd.	0.76	34.4	A	29.6	B	29.6	B	32.0	A	31.2	A	32.6	A	34.9	A	30.6	A	37.2	A	37.9	A	32.1	A	33.8	A
Fox Valley Rd. to Sabal Palm Dr.	0.17	40.8	A			25.5	B			26.2	B			34.0	A			27.6	B			35.2	A		
Sabal Palm Dr. to Cutler Rd.	0.03																								
Cutler Rd. to Sabal Club Way	0.31	43.4	A			37.1	A			35.2	A			38.5	A			39.2	A			37.8	A		
Sabal Club Way to E. Lake Brantley Rd.	0.29	22.2	C	32.3	A	26.1	B	29.8	B	21.3	C	26.9	B	24.3	B	31.2	A	31.1	A	33.1	A	31.1	A	34.6	A
E. Lake Brantley to Wekiva Springs Ln.	0.50	38.7	A			35.4	A			31.5	A			36.9	A			38.7	A			34.8	A		
Wekiva Springs Ln. to SR 434	0.37	18.0	C	25.5	B	11.3	E	18.0	C	10.8	E	17.5	D	31.3	A	34.3	A	32.2	A	35.7	A	22.7	C	28.4	B
Average				28.9	B			26.0	B			26.5	B			31.5	A			35.0	A			30.9	A

TABLE C31.1b
Year 2014 Seminole County Travel Time & Delay Study
Wekiva Springs Road - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
SR 434 to Wekiva Springs Ln.	0.35	30.7	A			33.6	A			31.4	A			30.5	A		
Wekiva Springs Ln. to E. Lake Brantley Rd.	0.53	27.1	B	28.5	B	34.9	A	34.3	A	30.0	A	30.6	A	29.3	B	29.8	B
E. Lake Brantley Rd. to Sabal Club Way	0.28	39.0	A			40.2	A			33.3	A			35.3	A		
Sabal Club Way to Cutler Rd.	0.30																
Cutler Rd. to Sabal Palm Dr.	0.03	31.2	A			38.5	A			23.9	C			22.3	C		
Sabel Palm Dr. to Fox Valley Dr.	0.18	24.7	B	31.7	A	19.4	C	31.9	A	17.8	D	24.7	B	14.2	D	22.5	C
Fox Valley Dr. to Sweetwater Blvd.	0.77	29.6	B			28.1	B			28.5	B			30.5	A		
Sweetwater Blvd. to Riverbend Blvd.	0.04	29.8	B			26.4	B			29.3	B			29.7	B		
Riverbend Blvd. to Sweetwater Cove Blvd.	0.33	35.6	A			39.4	A			39.5	A			38.3	A		
Sweetwater Cove Blvd. to Hunt Club Blvd.	0.45	33.8	A	31.8	A	24.9	B	28.8	B	32.9	A	31.5	A	29.8	B	31.6	A
Hunt Club Blvd. to Orange County Line	0.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average				30.8	A			30.9	A			29.3	B			28.3	B
PM PEAK HOUR																	
SR 434 to Wekiva Springs Ln.	0.35	31.5	A			30.9	A			29.1	B			28.1	B		
Wekiva Springs Ln. to E. Lake Brantley Rd.	0.53	17.8	D	22.0	C	19.7	C	23.2	C	29.0	B	29.0	B	15.1	D	18.9	C
E. Lake Brantley Rd. to Sabal Club Way	0.28	28.6	B			25.0	B			40.7	A			28.3	B		
Sabal Club Way to Cutler Rd.	0.30																
Cutler Rd. to Sabal Palm Dr.	0.03	13.4	E			15.3	D			16.9	D			17.9	D		
Sabel Palm Dr. to Fox Valley Dr.	0.18	24.4	B	19.1	C	21.3	C	19.3	C	20.1	C	22.7	C	18.8	C	21.0	C
Fox Valley Dr. to Sweetwater Blvd.	0.77	27.8	B			28.3	B			27.0	B			27.3	B		
Sweetwater Blvd. to Riverbend Blvd.	0.04	31.1	A			34.8	A			34.3	A			33.0	A		
Riverbend Blvd. to Sweetwater Cove Blvd.	0.33	36.7	A			39.6	A			40.7	A			35.9	A		
Sweetwater Cove Blvd. to Hunt Club Blvd.	0.45	25.7	B	28.8	B	30.0	B	30.7	A	33.0	A	30.9	A	25.1	B	28.2	B
Hunt Club Blvd. to Orange County Line	0.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average				23.8	C			24.9	B			27.9	B			23.1	C

Roadway Segments	Distance (mile)	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																									
SR 434 to Wekiva Springs Ln.	0.35	40.7	A			33.8	A			31.7	A			35.2	A			35.2	A			36.4	A		
Wekiva Springs Ln. to E. Lake Brantley Rd.	0.53	26.0	B	31.0	A	30.0	B	31.6	A	27.3	B	29.0	B	23.4	C	27.2	B	22.3	C	26.4	B	18.3	C	23.2	C
E. Lake Brantley Rd. to Sabal Club Way	0.28	38.6	A			36.8	A			35.0	A			36.5	A			38.2	A			35.7	A		
Sabal Club Way to Cutler Rd.	0.30																								
Cutler Rd. to Sabal Palm Dr.	0.03	38.5	A			34.6	A			29.6	B			37.1	A			37.8	A			26.2	B		
Sabel Palm Dr. to Fox Valley Dr.	0.18	16.5	D	29.8	B	13.4	E	26.1	B	27.6	B	30.8	A	31.9	A	35.6	A	24.9	B	34.1	A	30.9	A	30.0	B
Fox Valley Dr. to Sweetwater Blvd.	0.77	31.3	A			28.3	B			31.7	A			32.6	A			35.2	A			32.8	A		
Sweetwater Blvd. to Riverbend Blvd.	0.04	40.0	A			30.0	B			12.0	E			18.5	C			11.4	E			20.0	C		
Riverbend Blvd. to Sweetwater Cove Blvd.	0.33	34.7	A			36.0	A			33.9	A			36.8	A			38.2	A			36.2	A		
Sweetwater Cove Blvd. to Hunt Club Blvd.	0.45	40.0	A	34.3	A	36.2	A	31.7	A	32.9	A	31.2	A	33.7	A	33.1	A	29.3	B	32.2	A	30.0	B	32.1	A
Hunt Club Blvd. to Orange County Line	0.87	-	-	-	-	-	-	-	-	37.3	A	37.3	A	38.4	A	38.4	A	40.8	A	40.8	A	38.1	A	38.1	A
Average				32.2	A			30.1	A			31.7	A			33.0	A			32.5	A			30.2	A
PM PEAK HOUR																									
SR 434 to Wekiva Springs Ln.	0.35	34.3	A			30.8	A			30.8	A			34.7	A			35.8	A			26.4	B		
Wekiva Springs Ln. to E. Lake Brantley Rd.	0.53	28.0	B	30.5	A	26.2	B	28.1	B	33.3	A	32.2	A	24.9	B	28.2	B	25.1	B	28.7	B	32.9	A	29.8	B
E. Lake Brantley Rd. to Sabal Club Way	0.28	39.5	A			26.1	B			36.5	A			35.0	A			37.3	A			37.3	A		
Sabal Club Way to Cutler Rd.	0.30																								
Cutler Rd. to Sabal Palm Dr.	0.03	20.0	C			18.2	C			19.8	C			21.5	C			24.0	C			26.2	B		
Sabel Palm Dr. to Fox Valley Dr.	0.18	16.5	D	22.8	C	19.6	C	20.7	C	20.4	C	23.8	C	24.3	B	25.6	B	22.2	C	26.9	B	28.3	B	29.8	B
Fox Valley Dr. to Sweetwater Blvd.	0.77	30.2	A			26.1	B			29.2	B			27.8	B			31.2	A			29.8	B		
Sweetwater Blvd. to Riverbend Blvd.	0.04	40.0	A			34.3	A			30.0	B			30.0	B			34.3	A			30.0	B		
Riverbend Blvd. to Sweetwater Cove Blvd.	0.33	40.4	A			35.4	A			34.4	A			36.8	A			39.6	A			35.6	A		
Sweetwater Cove Blvd. to Hunt Club Blvd.	0.45	37.7	A	34.2	A	31.4	A	29.3	B	26.0	B	29.2	B	25.0	B	28.5	B	33.7	A	33.6	A	24.5	B	29.1	B
Hunt Club Blvd. to Orange County Line	0.87	-	-	-	-	-	-	-	-	37.6	A	37.6	A	39.2	A	39.2	A	40.2	A	40.2	A	38.1	A	38.1	A
Average				29.6	B			26.4	B			29.9	B			29.5	B			32.0	A			30.9	A

TABLE C32.1a
Year 2014 Seminole County Travel Time & Delay Study
Wymore Road - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																																											
Orange County Line to Oranole Rd.	0.04	15.8	D			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oranole Rd. to Lake Destiny Dr.	0.28	27.5	B			26.9	B			32.2	A			27.9	B			25.6	B			29.5	B			22.7	C			29.0	B			30.0	B			26.7	B		
Lake Destiny Dr. to Spring Lake Hills Rd.	0.15	26.7	B			14.8	D			34.1	A			26.9	B			28.6	B			27.1	B			23.3	C			26.2	B			29.0	B			29.0	B		
Spring Lake Hills Rd. to Spring Valley Dr.	0.78	35.2	A			31.9	A			32.4	A			35.8	A			32.0	A			29.1	B			22.8	C			30.6	A			25.1	B			33.2	A		
Spring Valley Dr. to Westmonte Dr.	0.17	24.5	B	30.2	A	24.2	B	26.6	B	23.8	C	31.0	A	33.9	A	32.5	A	24.7	B	28.9	B	21.2	C	27.6	B	17.3	D	21.8	C	27.1	B	29.3	B	22.8	C	26.0	B	29.2	B	30.7	A
Westmonte Dr. to SR 436	0.23	12.9	E	12.9	E	11.5	E	11.5	E	9.9	F	9.9	F	16.4	D	16.4	D	14.3	D	14.3	D	15.2	D	15.2	D	15.2	D	15.2	D	9.1	F	9.1	F	14.3	D	14.3	D	7.1	F	7.1	F
Average				26.3	B			22.8	C			24.8	B			29.2	B			25.8	B			25.0	B			20.6	C			22.7	C			23.4	C			21.3	C
PM PEAK HOUR																																											
Orange County Line to Oranole Rd.	0.04	2.4	F			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oranole Rd. to Lake Destiny Dr.	0.28	30.4	A			21.4	C			25.7	B			23.5	C			21.4	C			22.9	C			17.5	D			21.0	C			15.8	D			17.5	D		
Lake Destiny Dr. to Spring Lake Hills Rd.	0.15	27.5	B			17.7	D			30.2	A			29.7	B			26.5	B			30.0	B			24.7	B			22.1	C			26.2	B			22.1	C		
Spring Lake Hills Rd. to Spring Valley Dr.	0.78	28.8	B			13.5	E			31.5	A			32.9	A			31.7	A			30.4	A			27.3	B			29.2	B			25.0	B			19.2	C		
Spring Valley Dr. to Westmonte Dr.	0.17	19.3	C	24.1	B	11.5	E	14.7	D	24.4	B	28.8	B	24.9	B	28.9	B	25.3	B	27.4	B	24.0	C	27.5	B	22.4	C	23.7	C	19.0	C	24.6	B	24.8	B	22.4	C	20.7	C	19.3	C
Westmonte Dr. to SR 436	0.23	9.2	F	9.2	F	6.3	F	6.3	F	9.3	F	9.3	F	10.9	E	10.9	E	5.3	F	5.3	F	15.8	D	15.8	D	6.8	F	6.8	F	12.4	E	12.4	E	5.6	F	5.6	F	9.8	F	9.8	F
Average				20.3	C			12.5	E			23.2	C			24.3	B			18.5	C			25.1	B			17.9	D			21.8	C			16.1	D			17.1	D

TABLE C32.1b
Year 2014 Seminole County Travel Time & Delay Study
Wymore Road - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																																											
SR 436 to Westmonte Dr.	0.20	32.3	A	32.3	A	30.3	A	30.3	A	30.9	A	30.9	A	29.2	B	29.2	B	29.7	B	29.7	B	32.4	A	32.4	A	30.7	A	30.7	A	30.0	B	30.0	B	30.7	A	30.7	A	33.2	A	33.2	A
Westmonte Dr. to Spring Valley Dr.	0.19	21.8	C			21.5	C			18.9	C			21.6	C			20.5	C			21.6	C			25.3	B			23.7	C			16.1	D			21.5	C		
Spring Valley Dr. to Spring Lake Hills Rd.	0.78	25.5	B			30.5	A			29.1	B			34.8	A			31.8	A			36.1	A			31.0	A			31.9	A			31.4	A			29.6	B		
Spring Lake Hills Rd. to Lake Destiny Dr.	0.14	18.6	C			19.0	C			22.8	C			24.9	B			20.9	C			20.5	C			18.3	C			19.5	C			18.3	C			15.6	D		
Lake Destiny Dr. to Oranole Rd.	0.27	9.5	F			25.3	B	26.3	B	16.7	D	23.4	C	16.5	D	26.0	B	23.9	C	26.7	B	15.4	D	24.9	B	12.0	E	21.8	C	19.1	C	25.6	B	19.5	C	23.7	C	17.1	D	22.9	C
Oranole Rd. to Orange County Line	0.03	15.0	D	18.1	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average				19.2	C			26.7	B			24.2	B			26.4	B			27.1	B			25.7	B			22.7	C			26.1	B			24.4	B			23.9	C
PM PEAK HOUR																																											
SR 436 to Westmonte Dr.	0.20	30.2	A	30.2	A	31.0	A	31.0	A	31.0	A	31.0	A	29.9	B	29.9	B	27.9	B	27.9	B	35.3	A	35.3	A	33.2	A	33.2	A	32.3	A	32.3	A	31.5	A	31.5	A	33.2	A	33.2	A
Westmonte Dr. to Spring Valley Dr.	0.19	27.9	B			24.8	B			24.8	B			26.2	B			18.2	C			23.0	C			23.7	C			27.1	B			27.8	B			29.2	B		
Spring Valley Dr. to Spring Lake Hills Rd.	0.78	31.5	A			32.0	A			29.0	B			32.2	A			31.1	A			36.4	A			33.7	A			33.0	A			31.6	A			31.6	A		
Spring Lake Hills Rd. to Lake Destiny Dr.	0.14	17.5	D			8.9	F			10.0	E			12.2	E			14.3	D			10.5	E			9.7	F			15.8	D			11.1	E			11.7	E		
Lake Destiny Dr. to Oranole Rd.	0.27	19.8	C			14.1	D	20.4		15.7	D	21.1	C	18.8	C	24.1	B	18.8	C	23.2	C	19.1	C	24.0	C	14.9	D	21.5	C	17.1	D	24.9	B	16.3	D	22.6	C	18.7	C	23.9	C
Oranole Rd. to Orange County Line	0.03	14.6	D	25.6	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average				26.1	B			21.3	C			22.1	C			24.8	B			23.8	C			25.0	B			22.6	C			25.6	B			23.5	C			24.8	B

TABLE C33.1a
Year 2014 Seminole County Travel Time & Delay Study
Longwood Lake Mary Road - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
CR 427 to Green Way Blvd.	0.98	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	27.0	C	27.0	C	26.8	B	26.8	B	33.9	A	33.9	A	32.9	A	32.9	A	28.4	B	28.4	B
Green Way Blvd. to Lake Mary H.S.	0.20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	30.8	B			24.0	C			33.0	A			26.9	B			31.4	A		
Lake Mary H. S. to Lake Way Rd.	0.64	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	32.0	B			28.6	B			35.8	A			31.3	A			33.2	A		
Lake Way Rd. to Lake Mary Blvd.	0.73	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	18.2	D	23.6	C	21.0	C	23.9	C	19.8	C	25.8	B	16.6	D	21.7	C	23.4	C	27.6	B
Average																								24.8	C			24.9	C			28.3	B			24.9	C			27.9	C
PM PEAK HOUR																																									
CR 427 to Green Way Blvd.	0.98	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	35.0	B	35.0	B	26.3	B	26.3	B	33.7	A	33.7	A	34.1	A	34.1	A	34.3	A	34.3	A
Green Way Blvd. to Lake Mary H.S.	0.20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	32.4	B			25.4	B			32.2	A			33.0	A			28.1	B		
Lake Mary H. S. to Lake Way Rd.	0.64	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	36.6	A			29.5	B			36.1	A			35.1	A			32.1	A		
Lake Way Rd. to Lake Mary Blvd.	0.73	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	17.6	D	24.1	C	17.2	D	21.7	C	20.5	C	26.3	B	15.5	D	21.9	C	12.7	E	18.5	C
Average																								27.4	C			23.2	C			28.6	B			25.3	C			22.4	C

TABLE C33.1b
Year 2014 Seminole County Travel Time & Delay Study
Longwood Lake Mary Road - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
Lake Mary Blvd. to Lake Way Rd.	0.73	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	30.4	B			27.2	B			30.2	A			32.2	A			25.4	B		
Lake Way Rd. to Lake Mary H.S.	0.64	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	29.8	B			25.7	B			33.5	A			35.8	A			28.6	B		
Lake Mary H. S. to Green Way Blvd.	0.20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	18.2	D	27.8	C	12.6	E	23.0	C	17.1	D	28.3	B	21.0	C	31.1	A	24.4	B	26.4	B
Green Way Blvd. to CR 427	0.98	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	26.1	C	26.1	C	24.5	B	24.5	B	32.8	A	32.8	A	30.5	A	30.5	A	32.2	A	32.2	A
Average																								27.1	C			23.5	C			29.8	B			30.9	B			28.3	B
PM PEAK HOUR																																									
Lake Mary Blvd. to Lake Way Rd.	0.73	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	29.8	B			29.0	B			31.3	A			31.0	A			36.1	A		
Lake Way Rd. to Lake Mary H.S.	0.64	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	36.2	A			29.8	B			39.2	A			38.3	A			37.6	A		
Lake Mary H. S. to Green Way Blvd.	0.20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	20.0	D	30.1	B	21.6	C	28.0	B	20.0	C	31.3	A	20.6	C	31.2	A	26.9	B	35.0	A
Green Way Blvd. to CR 427	0.98	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	27.3	C	27.3	C	27.0	B	27.0	B	26.8	B	26.8	B	22.9	C	22.9	C	31.7	A	31.7	A
Average																								29.0	B			27.6	C			29.4	B			27.4	C			33.7	B

TABLE C34.1a
Year 2014 Seminole County Travel Time & Delay Study
North Street - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
Raymond Ave. to Country Club Dr. *	0.58	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	30.3	A			33.1	A			29.2	B			31.4	A		
Country Club Dr. to Palm Springs Dr.	0.17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	12.4	E			11.1	E			11.5	E			11.6	E			10.9	E		
Palm Springs Dr. to Seminole Ave.	0.70	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	28.2	B	22.6	C	27.3	B	24.1	B	30.4	A	26.2	B	27.3	B	24.1	B	28.4	B	24.7	B
Seminole Ave. to Bennett Dr.	0.61	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	32.7	A			27.9	B			31.3	A			29.5	B			29.5	B		
Bennett Dr. to CR 427	0.37	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	18.8	C	25.6	B	12.8	E	19.3	C	16.1	D	23.1	C	15.0	D	21.6	C	14.7	D	21.4	C
Average																								24.1	B			21.9	C			24.9	B			23.1	C			23.2	C
PM PEAK HOUR																																									
Raymond Ave. to Country Club Dr. *	0.58	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	29.2	B			30.3	A			34.5	A			31.4	A		
Country Club Dr. to Palm Springs Dr.	0.17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	9.7	F			17.6	D			9.9	F			12.9	E			10.4	E		
Palm Springs Dr. to Seminole Ave.	0.70	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	29.4	B	21.0	C	24.1	B	24.7	B	29.0	B	24.0	C	24.8	B	24.9	B	23.2	C	22.3	C
Seminole Ave. to Bennett Dr.	0.61	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	29.5	B			27.3	B			30.0	B			28.6	B			25.4	B		
Bennett Dr. to CR 427	0.37	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	21.1	C	25.7	B	12.3	E	18.7	C	26.7	B	28.7	B	17.2	D	22.9	C	12.0	E	17.9	D
Average																								23.3	C			21.9	C			25.7	B			24.0	B			20.3	C

TABLE C34.1b
Year 2014 Seminole County Travel Time & Delay Study
North Street - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
CR 427 to Bennett Dr.	0.37	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	21.8	C			23.6	C			22.0	C			22.7	C			22.2	C		
Bennett Dr. to Seminole Ave.	0.61	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	29.5	B	26.0	B	26.9	B	25.6	B	28.8	B	25.8	B	26.9	B	25.1	B	26.5	B	24.7	B
Seminole Ave. to Palm Springs Dr.	0.70	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	26.4	B			24.9	B			32.5	A			22.7	C			26.1	B		
Palm Springs Dr. to Country Club Dr.	0.17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	37.8	A	28.1	B	30.9	A			34.0	A			27.6	B			30.9	A		
Country Club Dr. to Raymond Ave. *	0.58	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	28.5	B	26.9	B	31.6	A	32.3	A	27.2	B	24.8	B	27.4	B	27.1	B
Average																								26.9	B			26.3	B			29.3	B			24.9	B			26.1	B
PM PEAK HOUR																																									
CR 427 to Bennett Dr.	0.37	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	23.1	C			21.1	C			20.9	C			25.5	B			18.8	C		
Bennett Dr. to Seminole Ave.	0.61	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	23.6	C	23.4	C	23.6	C	22.6	C	23.9	C	22.7	C	20.7	C	22.3	C	16.6	D	17.4	D
Seminole Ave. to Palm Springs Dr.	0.70	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	27.3	B			25.4	B			28.4	B			27.5	B			26.8	B		
Palm Springs Dr. to Country Club Dr.	0.17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	36.4	A	28.7	B	29.1	B			30.9	A			31.9	A			31.9	A		
Country Club Dr. to Raymond Ave. *	0.58	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	27.0	B	26.4	B	31.1	A	29.7	B	29.7	B	28.8	B	29.0	B	28.2	B
Average																								25.6	B			24.7	B			26.4	B			25.8	B			22.6	C

Note: *Additional control point added at Raymond Ave.

TABLE C35.1a
Year 2014 Seminole County Travel Time & Delay Study
Snow Hill Road - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
Raywood Ash Ct. to CR 419*	0.10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6.7	F	6.7	F	7.6	E	7.6	E	4.1	E	4.1	E	----	----	----	----	----	----	----	----
CR 419 to Medallion Pl.	0.95	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	34.2	B			33.9	B			28.8	B			33.1	B			36.3	A		
Medallion Pl. to Avenue H	0.30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	46.2	A	36.5	A	45.0	A	36.1	A	39.1	A	30.7	B	42.9	A	35.0	A	46.2	A	38.3	A
Avenue H to Kyle Ct.	0.55	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	45.2	A	45.2	A	40.7	A	40.7	A	44.6	A	44.6	A	42.3	A	42.3	A
Kyle Ct. to Butterfly Forest Rd.	3.12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	52.1	A	52.1	A	49.0	A	49.0	A	50.5	A	50.5	A	53.5	A	53.5	A
Butterfly Forest Rd. to Old Mims Rd.	1.00	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	34.9	A			32.3	A			35.5	A			31.7	A		
Old Mims Rd. to CR 426	0.48	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	31.0	A	33.5	A	32.0	A	32.2	A	31.0	A	33.9	A	30.3	A	31.3	A
Average																								27.4	C			39.6	B			34.5	B			41.7	B			42.3	A
PM PEAK HOUR																																									
Raywood Ash Ct. to CR 419*	0.10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6.6	F	6.6	F	3.5	F	3.5	F	2.7	F	2.7	F	----	----	----	----	----	----	----	----
CR 419 to Medallion Pl.	0.95	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	44.1	A			38.8	A			41.0	A			43.5	A			45.2	A		
Medallion Pl. to Avenue H	0.30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	47.4	A	44.8	A	45.0	A	40.1	A	42.9	A	41.4	A	46.2	A	44.1	A	46.2	A	45.5	A
Avenue H to Kyle Ct.	0.55	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	44.6	A	44.6	A	43.4	A	43.4	A	45.8	A	45.8	A	45.8	A	45.8	A
Kyle Ct. to Butterfly Forest Rd.	3.12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	51.7	A	51.7	A	51.0	A	51.0	A	49.9	A	49.9	A	54.6	A	54.6	A
Butterfly Forest Rd. to Old Mims Rd.	1.00	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	34.7	A			34.1	A			39.2	A			34.9	A		
Old Mims Rd. to CR 426	0.48	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	31.6	A	33.6	A	31.3	A	33.1	A	34.3	A	37.5	A	33.1	A	34.3	A
Average																								31.3	C			36.9	B			34.9	B			45.0	A			45.8	A

TABLE C35.1b
Year 2014 Seminole County Travel Time & Delay Study
Snow Hill Road - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
CR 426 to Old Mims Rd.	0.48	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	33.1	A			30.6	A			34.3	A			31.6	A		
Old Mims Rd. to Butterfly Forest Rd.	1.00	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	35.9	A	35.0	A	32.6	A	31.9	A	37.0	A	36.1	A	36.1	A	34.6	A
Butterfly Forest Rd. to Kyle Ct.	3.12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	51.0	A	51.0	A	49.0	A	49.0	A	50.3	A	50.3	A	54.9	A	54.9	A
Kyle Ct. to Avenue H	0.55	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	44.0	A	44.0	A	41.2	A	41.2	A	41.2	A	41.2	A	45.2	A	45.2	A
Avenue H to Medallion Pl.	0.30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	45.0	A			42.9	A			30.5	B			40.0	A			43.9	A		
Medallion Pl. to CR 419*	0.95	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	21.2	D	24.3	C	28.4	B	30.9	B	19.4	D	21.2	D	21.5	D	24.2	C	22.8	C	25.8	C
CR 419 to Raywood Ash Ct.	0.10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	30.0	B	30.0	B	28.6	A	28.6	A	27.3	A	27.3	A	----	----	----	----	----	----	----	----
Average																								24.7	D			40.6	B			35.0	B			38.1	B			39.9	B
PM PEAK HOUR																																									
CR 426 to Old Mims Rd.	0.48	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	32.4	A			32.7	A			36.0	A			32.0	A		
Old Mims Rd. to Butterfly Forest Rd.	1.00	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	37.3	A	35.5	A	34.3	A	33.8	A	40.3	A	38.8	A	37.5	A	35.5	A
Butterfly Forest Rd. to Kyle Ct.	3.12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	51.6	A	51.6	A	50.3	A	50.3	A	50.9	A	50.9	A	54.9	A	54.9	A
Kyle Ct. to Avenue H	0.55	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	42.9	A	42.9	A	42.9	A	42.9	A	45.2	A	45.2	A	45.8	A	45.8	A
Avenue H to Medallion Pl.	0.30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	46.2	A			45.0	A			42.9	A			46.2	A			45.0	A		
Medallion Pl. to CR 419*	0.95	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	25.9	C	28.9	B	20.7	D	23.8	C	25.8	C	28.5	B	23.3	C	26.4	C	28.9	B	31.6	B
CR 419 to Raywood Ash Ct.	0.10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	28.6	B	28.6	B	25.0	B	25.0	B	27.3	A	27.3	A	----	----	----	----	----	----	----	----
Average																								28.9	C			37.9	B			39.1	B			40.3	B			42.7	A

Note: * Construction in progress on Snow Hill Rd at the intersection of CR 419 during the 2012 study.

TABLE C36.1a
Year 2014 Seminole County Travel Time & Delay Study
13th Street/Celery Avenue - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS
AM PEAK HOUR																	
US 17/92 to Park St.	0.31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Park St. to Sanford Ave. S.	0.18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Sanford Ave. S. to Sanford Ave. N.	0.03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Sanford Ave. N. to Mellonville Ave.	0.56	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Mellonville Ave. to Beardall Ave.	1.99	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Beardall Ave. to SR 415*	0.91	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
US 17/92 to Park St.	0.31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Park St. to Sanford Ave. S.	0.18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Sanford Ave. S. to Sanford Ave. N.	0.03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Sanford Ave. N. to Mellonville Ave.	0.56	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Mellonville Ave. to Beardall Ave.	1.99	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Beardall Ave. to SR 415*	0.91	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																								
US 17/92 to Park St.	----	----	----	----	----	----	----	----	23.5	B	23.5	B	24.2	B	24.2	B	24.2	B	24.2	B	24.2	B	24.2	B
Park St. to Sanford Ave. S.	----	----	----	----	----	----	----	----	9.0	E	9.0	E	10.3	D	10.3	D	7.8	E	7.8	E	12.6	D	12.6	D
Sanford Ave. S. to Sanford Ave. N.	----	----	----	----	----	----	----	----	16.4	C	16.4	C	16.4	C	16.4	C	16.4	C	16.4	C	15.0	C	15.0	C
Sanford Ave. N. to Mellonville Ave.	----	----	----	----	----	----	----	----	24.2	B	24.2	B	22.4	C	22.4	C	17.4	D	17.4	D	23.8	C	23.8	C
Mellonville Ave. to Beardall Ave.	----	----	----	----	----	----	----	----	36.5	A	36.5	A	33.7	B	33.7	B	39.9	A	39.9	A	36.3	A	36.3	A
Beardall Ave. to SR 415*	----	----	----	----	----	----	----	----	24.6	C	24.6	C	33.4	B	33.4	B	30.2	B	30.2	B	27.7	C	27.7	C
Average											26.7	C			27.6	C			26.5	C			28.4	B
PM PEAK HOUR																								
US 17/92 to Park St.	----	----	----	----	----	----	----	----	23.2	B	23.2	B	23.5	B	23.5	B	29.5	A	29.5	A	24.8	B	24.8	B
Park St. to Sanford Ave. S.	----	----	----	----	----	----	----	----	8.4	E	8.4	E	10.0	D	10.0	D	13.3	C	13.3	C	11.4	D	11.4	D
Sanford Ave. S. to Sanford Ave. N.	----	----	----	----	----	----	----	----	15.0	C	15.0	C	16.4	C	16.4	C	18.0	C	18.0	C	15.0	C	15.0	C
Sanford Ave. N. to Mellonville Ave.	----	----	----	----	----	----	----	----	19.4	C	19.4	C	24.5	B	24.5	B	20.6	C	20.6	C	22.9	C	22.9	C
Mellonville Ave. to Beardall Ave.	----	----	----	----	----	----	----	----	38.4	A	38.4	A	37.5	A	37.5	A	37.9	A	37.9	A	37.8	A	37.8	A
Beardall Ave. to SR 415*	----	----	----	----	----	----	----	----	34.1	B	34.1	B	33.1	B	33.1	B	36.7	A	36.7	A	27.6	C	27.6	C
Average											27.4	C			29.1	B			30.4	B			28.3	B

TABLE C36.1b
Year 2014 Seminole County Travel Time & Delay Study
13th Street/Celery Avenue - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS
AM PEAK HOUR																	
SR 415 to Beardall Ave.*	0.91	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Beardall Ave. to Mellonville Ave.	1.99	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Mellonville Ave. to Sanford Ave. N.	0.56	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Sanford Ave. N. to Sanford Ave. S.	0.03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Sanford Ave. S. to Park St.	0.18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Park St. to US 17/92	0.31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
SR 415 to Beardall Ave.*	0.91	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Beardall Ave. to Mellonville Ave.	1.99	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Mellonville Ave. to Sanford Ave. N.	0.56	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Sanford Ave. N. to Sanford Ave. S.	0.03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Sanford Ave. S. to Park St.	0.18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Park St. to US 17/92	0.31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																								
SR 415 to Beardall Ave.*	----	----	----	----	----	----	----	----	32.5	B	32.5	B	33.6	B	33.6	B	36.7	A	36.7	A	31.7	B	31.7	B
Beardall Ave. to Mellonville Ave.	----	----	----	----	----	----	----	----	28.6	B	28.6	B	31.9	B	31.9	B	34.1	B	34.1	B	29.6	B	29.6	B
Mellonville Ave. to Sanford Ave. N.	----	----	----	----	----	----	----	----	19.1	C	19.1	C	20.4	C	20.4	C	16.6	D	16.6	D	19.6	C	19.6	C
Sanford Ave. N. to Sanford Ave. S.	----	----	----	----	----	----	----	----	16.4	C	16.4	C	18.0	C	18.0	C	16.4	C	16.4	C	16.4	C	16.4	C
Sanford Ave. S. to Park St.	----	----	----	----	----	----	----	----	18.9	C	18.9	C	22.0	B	22.0	B	24.0	B	24.0	B	24.0	B	24.0	B
Park St. to US 17/92	----	----	----	----	----	----	----	----	10.0	D	10.0	D	10.2	D	10.2	D	11.8	D	11.8	D	9.1	D	9.1	D
Average											23.3	C			25.1	C			25.8	C			23.7	C
PM PEAK HOUR																								
SR 415 to Beardall Ave.*	----	----	----	----	----	----	----	----	32.9	B	32.9	B	33.1	B	33.1	B	35.9	A	35.9	A	33.5	B	33.5	B
Beardall Ave. to Mellonville Ave.	----	----	----	----	----	----	----	----	32.2	B	32.2	B	38.0	A	38.0	A	37.3	A	37.3	A	33.5	B	33.5	B
Mellonville Ave. to Sanford Ave. N.	----	----	----	----	----	----	----	----	19.3	C	19.3	C	20.6	C	20.6	C	14.2	D	14.2	D	20.5	C	20.5	C
Sanford Ave. N. to Sanford Ave. S.	----	----	----	----	----	----	----	----	15.0	C	15.0	C	18.0	C	18.0	C	18.0	C	18.0	C	16.4	C	16.4	C
Sanford Ave. S. to Park St.	----	----	----	----	----	----	----	----	18.6	C	18.6	C	20.4	B	20.4	B	24.0	B	24.0	B	18.6	C	18.6	C
Park St. to US 17/92	----	----	----	----	----	----	----	----	6.6	F	6.6	F	8.6	E	8.6	E	9.5	D	9.5	D	10.6	D	10.6	D
Average											22.3	C			25.8	C			24.7	C			25.8	C

Note: *From the year 2014, Celery Ave from Beardall Ave to SR 415 distance changed from 0.79 miles to 0.91 miles due to roadway realignment.

TABLE C37.1a
Year 2014 Seminole County Travel Time & Delay Study
Bear Lake Road - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																																											
SR 414 to Don Mar St.	0.35	30.5	A			35.0	A			30.0	B			----	----	----	----	----	----	----	----	----	----	----	----	28.0	B			28.0	B			31.8	A			31.3	A		
Don Mar St. to Bear Lake Cir.	0.21	28.1	B			31.3	A			31.6	A			----	----	----	----	----	----	----	----	----	----	----	----	22.5	C			22.9	C			30.0	B			27.4	B		
Bear Lake Cir. To Cub Lake Dr.	0.12	31.0	A			33.3	A			28.8	B			----	----	----	----	----	----	----	----	----	----	----	----	22.5	C			24.0	C			28.8	B			26.7	B		
Cub Lake Dr. to Bunnell Rd.	0.25	26.5	B	28.9	B	30.0	B	32.5	A	34.1	A	31.2	A	----	----	----	----	----	----	----	----	----	----	----	----	23.8	C	24.7	B	25.4	B	25.5	B	26.3	B	29.4	B	22.4	C	27.0	B
Bunnell Rd. to Holliday Ave.	0.16	28.4	B			30.3	A			31.0	A			----	----	----	----	----	----	----	----	----	----	----	----	31.0	A			31.0	A			31.0	A			32.0	A		
Holliday Ave. to McNeil Ave.	0.09	23.8	C	26.7	B	21.6	C	26.5	B	19.3	C	25.4	B	----	----	----	----	----	----	----	----	----	----	----	----	21.6	C	26.8	B	19.3	C	25.4	B	23.5	C	27.8	B	25.7	B	29.4	B
McNeil Ave. to Curtis Dr.	0.37	25.3	B			24.7	B			27.4	B			----	----	----	----	----	----	----	----	----	----	----	----	23.1	C			26.4	B			30.4	A			30.8	A		
Curtis Dr. to Gleaves Ct.	0.32	20.5	C			28.8	B			30.0	B			----	----	----	----	----	----	----	----	----	----	----	----	27.0	B			26.7	B			30.0	B			31.5	A		
Gleaves Ct. to SR 436	0.21	6.8	F	15.3	D	8.0	F	17.4	D	11.5	E	21.4	C	----	----	----	----	----	----	----	----	----	----	----	----	8.6	F	17.2	D	11.4	E	20.2	C	9.7	F	20.2	C	7.5	F	18.0	D
Average				20.8	C			23.2	C			25.5	B															20.9	C			22.9	C			24.4	B			22.4	C
PM PEAK HOUR																																											
SR 414 to Don Mar St.	0.35	32.6	A			35.0	A			30.9	A			----	----	----	----	----	----	----	----	----	----	----	----	29.6	B			28.8	B			31.3	A			29.6	B		
Don Mar St. to Bear Lake Cir.	0.21	30.6	A			31.3	A			30.8	A			----	----	----	----	----	----	----	----	----	----	----	----	22.5	C			24.2	B			29.3	B			24.7	B		
Bear Lake Cir. To Cub Lake Dr.	0.12	30.9	A			30.9	A			34.3	A			----	----	----	----	----	----	----	----	----	----	----	----	21.2	C			25.7	B			28.8	B			24.8	B		
Cub Lake Dr. to Bunnell Rd.	0.25	32.4	A	31.8	A	23.7	C	29.8	B	19.7	C	27.1	B	----	----	----	----	----	----	----	----	----	----	----	----	19.2	C	23.3	C	24.6	B	26.1	B	28.8	B	29.8	B	27.8	B	27.2	B
Bunnell Rd. to Holliday Ave.	0.16	31.8	A			30.3	A			34.3	A			----	----	----	----	----	----	----	----	----	----	----	----	29.1	B			33.1	A			33.1	A			33.1	A		
Holliday Ave. to McNeil Ave.	0.09	29.3	B	30.8	A	29.4	B	30.0	B	38.6	A	35.7	A	----	----	----	----	----	----	----	----	----	----	----	----	30.0	B	29.4	B	31.8	A	32.6	A	20.0	C	26.8	B	33.7	A	33.3	A
McNeil Ave. to Curtis Dr.	0.37	31.7	A			29.0	B			33.6	A			----	----	----	----	----	----	----	----	----	----	----	----	31.3	A			33.6	A			29.6	B			33.1	A		
Curtis Dr. to Gleaves Ct.	0.32	28.3	B			33.9	A			35.6	A			----	----	----	----	----	----	----	----	----	----	----	----	33.1	A			35.6	A			34.9	A			34.3	A		
Gleaves Ct. to SR 436	0.21	6.7	F	17.4	D	8.4	F	19.3	C	9.9	F	22.2	C	----	----	----	----	----	----	----	----	----	----	----	----	8.0	F	18.8	C	8.8	F	20.5	C	7.0	F	17.4	D	9.5	F	21.2	C
Average				23.4	C			24.2	B			25.4	B															21.6	C			23.9	C			22.5	C			24.7	B

TABLE C37.1b
Year 2014 Seminole County Travel Time & Delay Study
Bear Lake Road - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																																											
SR 436 to Gleaves Ct.	0.21	25.7	B			23.2	C			24.0	C			----	----	----	----	----	----	----	----	----	----	----	----	23.8	C			22.5	C			26.2	B			26.2	B		
Gleaves Ct. to Curtis Dr.	0.32	31.5	A			26.8	B			26.7	B			----	----	----	----	----	----	----	----	----	----	----	----	26.7	B			28.2	B			32.0	A			32.0	A		
Curtis Dr. to McNeil Ave.	0.37	25.3	B	27.2	B	24.7	B	25.0	B	22.0	C	23.9	C	----	----	----	----	----	----	----	----	----	----	----	----	24.1	B	24.9	B	24.1	B	25.0	B	29.2	B	29.3	B	30.0	B	29.7	B
McNeil Ave. to Holliday Ave.	0.09	26.8	B			24.9	B			22.5	C			----	----	----	----	----	----	----	----	----	----	----	----	21.6	C			23.5	C			25.7	B			25.7	B		
Holliday Ave. to Bunnell Rd.	0.16	25.8	B	26.1	B	25.0	B	25.0	B	26.7	B	25.0	B	----	----	----	----	----	----	----	----	----	----	----	----	24.6	B	23.4	C	25.9	B	25.0	B	24.6	B	25.0	B	22.3	C	23.4	C
Bunnell Rd. to Cub Lake Dr.	0.25	31.1	A			30.0	B			24.2	B			----	----	----	----	----	----	----	----	----	----	----	----	25.9	B			25.9	B			25.9	B			29.4	B		
Cub Lake Dr. to Bear Lake Cir.	0.12	28.8	B			30.9	A			28.8	B			----	----	----	----	----	----	----	----	----	----	----	----	21.2	C			23.2	C			26.7	B			26.7	B		
Bear Lake Cir. to Don Mar St.	0.21	27.1	B			28.8	B			30.8	A			----	----	----	----	----	----	----	----	----	----	----	----	22.1	C			24.2	B			26.8	B			28.0	B		
Don Mar St. to SR 414	0.35	22.0	C	26.0	B	18.8	C	24.4	B	22.1	C	25.0	B	----	----	----	----	----	----	----	----	----	----	----	----	17.2	D	20.6	C	15.0	D	19.9	C	17.1	D	21.9	C	12.7	E	19.4	C
Average				26.6	B			24.7	B			24.5	B															22.6	C			22.4	C			25.0	B			23.4	C
PM PEAK HOUR																																											
SR 436 to Gleaves Ct.	0.21	26.8	B			31.3	A			30.0	B			----	----	----	----	----	----	----	----	----	----	----	----	29.3	B			27.4	B			31.5	A			33.2	A		
Gleaves Ct. to Curtis Dr.	0.32	32.7	A			34.9	A			36.9	A			----	----	----	----	----	----	----	----	----	----	----	----	32.5	A			33.1	A			34.3	A			34.3	A		
Curtis Dr. to McNeil Ave.	0.37	32.9	A	31.1	A	29.6	B	31.7	A	33.1	A	33.6	A	----	----	----	----	----	----	----	----	----	----	----	----	32.2	A	31.6	A	31.3	A	30.9	A	28.5	B	31.0	A	33.1	A	33.5	A
McNeil Ave. to Holliday Ave.	0.09	31.7	A			32.4	A			36.0	A			----	----	----	----	----	----	----	----	----	----	----	----	31.8	A			33.7	A			30.0	B			31.8	A		
Holliday Ave. to Bunnell Rd.	0.16	31.4	A	31.5	A	32.0	A	32.1	A	31.0	A	32.6	A	----	----	----	----	----	----	----	----	----	----	----	----	17.5	D	20.8	C	24.6	B	27.3	B	21.3	C	23.8	C	34.3	A	33.3	A
Bunnell Rd. to Cub Lake Dr.	0.25	32.2	A			33.3	A			31.2	A			----	----	----	----	----	----	----	----	----	----	----	----	26.8	B			26.8	B			31.9	A			31.2	A		
Cub Lake Dr. to Bear Lake Cir.	0.12	29.2	B			28.8	B			31.3	A			----	----	----	----	----	----	----	----	----	----	----	----	23.2	C			24.0	C			31.3	A			24.0	C		
Bear Lake Cir. to Don Mar St.	0.21	27.7	B			32.7	A			36.4	A			----	----	----	----	----	----	----	----	----	----	----	----	22.9	C			24.2	B			30.7	A			25.2	B		
Don Mar St. to SR 414	0.35	17.2	D	23.5	C	17.3	D	24.2	B	23.1	C	28.3	B	----	----	----	----	----	----	----	----	----	----	----	----	14.4	D	19.4	C	21.0	C	23.4	C	14.1	D	21.5	C	12.7	E	19.0	C
Average				27.2	B			27.9	B			30.9	A															23.5	C			26.7	B			25.1	B			25.0	B

TABLE C38.1a
Year 2014 Seminole County Travel Time & Delay Study
Bunnell Road - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
Bear Lake Rd. to Eden Park Rd.	0.50	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Eden Park Rd. to Country Club Pkwy.	0.38	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Country Club Pkwy. to Pearl Lake Cswy.	0.19	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Pearl Lake Cswy. to Sunshine Ln.	0.15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Sunshine Ln. to W. Town Pkwy.	0.20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
Bear Lake Rd. to Eden Park Rd.	0.50	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Eden Park Rd. to Country Club Pkwy.	0.38	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Country Club Pkwy. to Pearl Lake Cswy.	0.19	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Pearl Lake Cswy. to Sunshine Ln.	0.15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Sunshine Ln. to W. Town Pkwy.	0.20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Distance (mile)	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS
AM PEAK HOUR																	
Bear Lake Rd. to Eden Park Rd.	0.50	----	----	----	----	----	----	----	----	25.0	B	25.0	B	25.2	B	25.2	B
Eden Park Rd. to Country Club Pkwy.	0.38	----	----	----	----	----	----	----	----	33.5	A			34.0	A		
Country Club Pkwy. to Pearl Lake Cswy.	0.19	----	----	----	----	----	----	----	----	21.1	C			20.7	C		
Pearl Lake Cswy. to Sunshine Ln.	0.15	----	----	----	----	----	----	----	----	27.3	B			31.0	A		
Sunshine Ln. to W. Town Pkwy.	0.20	----	----	----	----	----	----	----	----	21.8	C	26.3	B	25.5	B	27.9	B
Average												25.8	B			26.9	B
PM PEAK HOUR																	
Bear Lake Rd. to Eden Park Rd.	0.50	----	----	----	----	----	----	----	----	25.9	B	25.9	B	25.2	B	25.2	B
Eden Park Rd. to Country Club Pkwy.	0.38	----	----	----	----	----	----	----	----	32.1	A			31.7	A		
Country Club Pkwy. to Pearl Lake Cswy.	0.19	----	----	----	----	----	----	----	----	21.5	C			23.7	C		
Pearl Lake Cswy. to Sunshine Ln.	0.15	----	----	----	----	----	----	----	----	19.1	C			21.4	C		
Sunshine Ln. to W. Town Pkwy.	0.20	----	----	----	----	----	----	----	----	21.8	C	24.4	B	24.0	C	26.0	B
Average												24.9	B			25.7	B

Roadway Segments	Distance (mile)	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR									
Bear Lake Rd. to Eden Park Rd.	0.50	24.8	B	24.8	B	26.5	B	26.5	B
Eden Park Rd. to Country Club Pkwy.	0.38	35.1	A			34.0	A		
Country Club Pkwy. to Pearl Lake Cswy.	0.19	20.0	C			14.1	D		
Pearl Lake Cswy. to Sunshine Ln.	0.15	32.1	A			26.5	B		
Sunshine Ln. to W. Town Pkwy.	0.20	24.0	C	27.6	B	24.5	B	23.9	C
Average				26.5	B			24.8	B
PM PEAK HOUR									
Bear Lake Rd. to Eden Park Rd.	0.50	23.4	C	23.4	C	23.8	C	23.8	C
Eden Park Rd. to Country Club Pkwy.	0.38	35.6	A			33.5	A		
Country Club Pkwy. to Pearl Lake Cswy.	0.19	20.4	C			17.8	D		
Pearl Lake Cswy. to Sunshine Ln.	0.15	18.4	C			19.6	C		
Sunshine Ln. to W. Town Pkwy.	0.20	24.5	B	25.3	B	17.6	D	22.4	C
Average				24.6	B			22.9	C

TABLE C38.1b
Year 2014 Seminole County Travel Time & Delay Study
Bunnell Road - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
W. Town Pkwy. to Sunshine Ln.	0.20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Sunshine Ln. to Pearl Lake Cswy.	0.15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Pearl Lake Cswy. to Country Club Pkwy.	0.19	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Country Club Pkwy. to Eden Park Rd.	0.38	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Eden Park Rd. to Bear Lake Rd.	0.50	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
W. Town Pkwy. to Sunshine Ln.	0.20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Sunshine Ln. to Pearl Lake Cswy.	0.15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Pearl Lake Cswy. to Country Club Pkwy.	0.19	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Country Club Pkwy. to Eden Park Rd.	0.38	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Eden Park Rd. to Bear Lake Rd.	0.50	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Distance (mile)	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS
AM PEAK HOUR																	
W. Town Pkwy. to Sunshine Ln.	0.20	----	----	----	----	----	----	----	----	22.2	C			29.3	B		
Sunshine Ln. to Pearl Lake Cswy.	0.15	----	----	----	----	----	----	----	----	21.4	C			25.7	B		
Pearl Lake Cswy. to Country Club Pkwy.	0.19	----	----	----	----	----	----	----	----	27.1	B			29.2	B		
Country Club Pkwy. to Eden Park Rd.	0.38	----	----	----	----	----	----	----	----	25.3	B	24.2	B	23.5	C	26.0	B
Eden Park Rd. to Bear Lake Rd.	0.50	----	----	----	----	----	----	----	----	26.3	B	26.3	B	29.4	B	29.4	B
Average												24.9	B			27.1	B
PM PEAK HOUR																	
W. Town Pkwy. to Sunshine Ln.	0.20	----	----	----	----	----	----	----	----	24.0	C			23.1	C		
Sunshine Ln. to Pearl Lake Cswy.	0.15	----	----	----	----	----	----	----	----	24.3	B			17.0	D		
Pearl Lake Cswy. to Country Club Pkwy.	0.19	----	----	----	----	----	----	----	----	31.7	A			25.9	B		
Country Club Pkwy. to Eden Park Rd.	0.38	----	----	----	----	----	----	----	----	24.3	B	25.4	B	23.0	C	22.3	C
Eden Park Rd. to Bear Lake Rd.	0.50	----	----	----	----	----	----	----	----	22.1	C	22.1	C	26.5	B	26.5	B
Average												24.1	B			23.6	C

Roadway Segments	Distance (mile)	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR									
W. Town Pkwy. to Sunshine Ln.	0.20	30.0	B			28.6	B		
Sunshine Ln. to Pearl Lake Cswy.	0.15	20.9	C			17.3	D		
Pearl Lake Cswy. to Country Club Pkwy.	0.19	34.5	A			28.5	B		
Country Club Pkwy. to Eden Park Rd.	0.38	24.8	B	26.5	B	25.3	B	24.6	B
Eden Park Rd. to Bear Lake Rd.	0.50	29.4	B	29.4	B	30.0	B	30.0	B
Average				27.5	B			26.3	B
PM PEAK HOUR									
W. Town Pkwy. to Sunshine Ln.	0.20	20.7	C			24.5	B		
Sunshine Ln. to Pearl Lake Cswy.	0.15	17.6	D			17.0	D		
Pearl Lake Cswy. to Country Club Pkwy.	0.19	31.7	A			29.2	B		
Country Club Pkwy. to Eden Park Rd.	0.38	22.1	C	22.3	C	32.6	A	26.2	B
Eden Park Rd. to Bear Lake Rd.	0.50	29.4	B	29.4	B	24.4	B	24.4	B
Average				24.3	B			25.5	B

TABLE C39.1a
Year 2014 Seminole County Travel Time & Delay Study
CR 431 - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
CR 46A to Markham Rd.	0.43	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Markham Rd. to Wilson Rd.	0.56	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Wilson Rd. to Wayside Dr.	0.51	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Wayside Dr. to SR 46	0.25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
SR 46 to Oregon St.	2.10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Oregon St. to I-4	0.89	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I-4 to CR 15	0.16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
CR 46A to Markham Rd.	0.43	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Markham Rd. to Wilson Rd.	0.56	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Wilson Rd. to Wayside Dr.	0.51	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Wayside Dr. to SR 46	0.25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
SR 46 to Oregon St.	2.10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Oregon St. to I-4	0.89	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I-4 to CR 15	0.16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
CR 46A to Markham Rd.	----	----	----	----	----	----	----	----	37.4	A	37.4	A	36.3	A	36.3	A	36.9	A	36.9	A	36.9	A	36.9	A
Markham Rd. to Wilson Rd.	----	----	----	----	----	----	----	----	39.5	A			36.9	A			40.0	A			36.9	A		
Wilson Rd. to Wayside Dr.	----	----	----	----	----	----	----	----	30.3	B			32.2	B			36.4	A			30.9	B		
Wayside Dr. to SR 46	----	----	----	----	----	----	----	----	10.4	F	24.0	C	9.3	F	22.8	C	11.7	F	26.8	C	9.5	F	22.8	C
SR 46 to Oregon St.	----	----	----	----	----	----	----	----	33.3	A	33.3	A	32.3	A	32.3	A	35.5	A	35.5	A	32.1	A	32.1	A
Oregon St. to I-4	----	----	----	----	----	----	----	----	34.5	A	34.5	A	34.2	A	34.2	A	34.7	A	34.7	A	31.0	A	31.0	A
I-4 to CR 15	----	----	----	----	----	----	----	----	10.3	E	10.3	E	30.0	B	30.0	B	15.0	D	15.0	D	27.4	B	27.4	B
Average											28.7	B			29.5	B			31.3	B			28.9	B
PM PEAK HOUR																								
CR 46A to Markham Rd.	----	----	----	----	----	----	----	----	36.3	A	36.3	A	36.9	A	36.9	A	37.4	A	37.4	A	37.4	A	37.4	A
Markham Rd. to Wilson Rd.	----	----	----	----	----	----	----	----	39.1	A			40.0	A			40.0	A			38.2	A		
Wilson Rd. to Wayside Dr.	----	----	----	----	----	----	----	----	39.2	A			39.2	A			39.7	A			38.7	A		
Wayside Dr. to SR 46	----	----	----	----	----	----	----	----	12.6	F	28.0	C	16.9	E	31.6	B	11.5	F	27.1	C	8.2	F	22.7	C
SR 46 to Oregon St.	----	----	----	----	----	----	----	----	33.4	A	33.4	A	35.1	A	35.1	A	35.4	A	35.4	A	32.6	A	32.6	A
Oregon St. to I-4	----	----	----	----	----	----	----	----	34.2	A	34.2	A	34.7	A	34.7	A	35.1	A	35.1	A	33.2	A	33.2	A
I-4 to CR 15	----	----	----	----	----	----	----	----	13.7	E	13.7	E	25.3	B	25.3	B	15.5	D	15.5	D	28.2	B	28.2	B
Average											30.7	B			33.7	B			31.6	B			29.4	B

TABLE C39.1b
Year 2014 Seminole County Travel Time & Delay Study
CR 431 - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
CR 15 to I-4	0.16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I-4 to Oregon St.	0.89	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Oregon St. to SR 46	2.10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
SR 46 to Wayside Dr.	0.25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Wayside Dr. to Wilson Rd.	0.51	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Wilson Rd. to Markham Rd.	0.56	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Markham Rd. to CR 46A	0.43	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
CR 15 to I-4	0.16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
I-4 to Oregon St.	0.89	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Oregon St. to SR 46	2.10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
SR 46 to Wayside Dr.	0.25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Wayside Dr. to Wilson Rd.	0.51	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Wilson Rd. to Markham Rd.	0.56	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Markham Rd. to CR 46A	0.43	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
CR 15 to I-4	----	----	----	----	----	----	----	----	32.0	A	32.0	A	32.0	A	32.0	A	30.0	B	30.0	B	32.0	A	32.0	A
I-4 to Oregon St.	----	----	----	----	----	----	----	----	34.5	A	34.5	A	34.7	A	34.7	A	34.9	A	34.9	A	33.4	A	33.4	A
Oregon St. to SR 46	----	----	----	----	----	----	----	----	31.1	A	31.1	A	29.6	B	29.6	B	27.6	B	27.6	B	29.4	B	29.4	B
SR 46 to Wayside Dr.	----	----	----	----	----	----	----	----	35.7	A			33.3	B			36.6	A			31.9	B		
Wayside Dr. to Wilson Rd.	----	----	----	----	----	----	----	----	29.1	B			27.1	C			31.5	B			32.6	B		
Wilson Rd. to Markham Rd.	----	----	----	----	----	----	----	----	38.6	A	33.8	B	37.3	A	31.9	B	39.5	A	35.5	A	36.9	A	34.1	B
Markham Rd. to CR 46A	----	----	----	----	----	----	----	----	22.2	C	22.2	C	20.6	D	20.6	D	22.8	C	22.8	C	11.7	F	11.7	F
Average											31.3	B			29.9	B			30.1	B			27.4	C
PM PEAK HOUR																								
CR 15 to I-4	----	----	----	----	----	----	----	----	31.0	A	31.0	A	32.0	A	32.0	A	29.1	B	29.1	B	32.0	A	32.0	A
I-4 to Oregon St.	----	----	----	----	----	----	----	----	34.5	A	34.5	A	33.6	A	33.6	A	35.1	A	35.1	A	33.6	A	33.6	A
Oregon St. to SR 46	----	----	----	----	----	----	----	----	24.5	B	24.5	B	29.5	B	29.5	B	28.1	B	28.1	B	26.3	B	26.3	B
SR 46 to Wayside Dr.	----	----	----	----	----	----	----	----	36.6	A			35.7	A			36.6	A			35.7	A		
Wayside Dr. to Wilson Rd.	----	----	----	----	----	----	----	----	39.2	A			39.7	A			40.8	A			38.7	A		
Wilson Rd. to Markham Rd.	----	----	----	----	----	----	----	----	38.6	A	38.4	A	39.5	A	38.8	A	40.0	A	39.6	A	38.2	A	37.9	A
Markham Rd. to CR 46A	----	----	----	----	----	----	----	----	31.5	B	31.5	B	27.4	C	27.4	C	27.7	C	27.7	C	30.4	B	30.4	B
Average											29.7	B			32.2	B			31.7	B			30.6	B

TABLE C40.1a
Year 2014 Seminole County Travel Time & Delay Study
Dike Road - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
Howell Branch Rd. to Dodd Rd.	1.93	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	27.3	B			28.2	B			30.7	A			27.4	B		
Dodd Rd. to Tuskawilla Rd.	0.77	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	20.4	C	24.9	B	23.9	C	26.9	B	18.0	C	25.6	B	20.3	C	24.9	B
Average																												23.2	C			26.9	B			25.6	B			24.9	B
PM PEAK HOUR																																									
Howell Branch Rd. to Dodd Rd.	1.93	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	29.6	B			27.3	B			28.8	B			26.6	B		
Dodd Rd. to Tuskawilla Rd.	0.77	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	20.7	C	26.4	B	22.1	C	25.6	B	22.1	C	26.5	B	20.8	C	24.6	B
Average																												26.4	B			25.6	B			26.5	B			24.6	B

TABLE C40.1b
Year 2014 Seminole County Travel Time & Delay Study
Dike Road - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
Tuskawilla Rd. to Dodd Rd.	0.77	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	23.2	C			26.2	B			21.0	C			28.7	B		
Dodd Rd. to Howell Branch Rd.	1.93	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	25.9	B	25.1	B	27.1	B	26.9	B	27.4	B	25.2	B	27.2	B	27.6	B
Average																												25.1	B			26.9	B			25.2	B			27.6	B
PM PEAK HOUR																																									
Tuskawilla Rd. to Dodd Rd.	0.77	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	24.6	B			23.0	C			22.3	C			22.2	C		
Dodd Rd. to Howell Branch Rd.	1.93	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	25.7	B	25.4	B	25.3	B	24.6	B	26.0	B	24.8	B	28.7	B	26.5	B
Average																												25.4	B			24.6	B			24.8	B			26.5	B

TABLE C41.1a
Year 2014 Seminole County Travel Time & Delay Study
Eden Park Road - Northbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
SR 414 to Cub Lake Dr.	0.62	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	35.1	A	35.1	A	37.2	A	37.2	A	38.7	A	38.7	A	37.2	A	37.2	A
Cub Lake Dr. to Bunnell Rd.	0.25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	22.1	C	22.1	C	19.0	D	19.0	D	22.7	C	22.7	C	30.6	B	30.6	B
Average																												29.7	B			29.2	B			32.2	B			35.0	A
PM PEAK HOUR																																									
SR 414 to Cub Lake Dr.	0.62	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	26.6	C	26.6	C	A	36.8	A	C	38.7	A	38.7	A	37.6	A	37.6	A
Cub Lake Dr. to Bunnell Rd.	0.25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	24.2	C	24.2	C	C	25.9	C	C	27.8	C	27.8	C	23.8	C	23.8	C
Average																												31.3	B			32.8	B			34.8	B			32.2	B

TABLE C41.1b
Year 2014 Seminole County Travel Time & Delay Study
Eden Park Road - Southbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
Bunnell Rd. to Cub Lake Dr.	0.25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	34.1	B	34.1	B	36.6	A	36.6	A	36.6	A	36.6	A	34.9	B	34.9	B
Cub Lake Dr. to SR 414	0.62	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	12.4	F	12.4	F	18.9	D	18.9	D	15.6	E	15.6	E	15.1	E	15.1	E
Average																												15.1	E			21.9	D			18.7	D			18.0	D
PM PEAK HOUR																																									
Bunnell Rd. to Cub Lake Dr.	0.25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	35.7	A	35.7	A	35.7	A	35.7	A	35.7	A	35.7	A	34.9	B	34.9	B
Cub Lake Dr. to SR 414	0.62	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	15.4	E	15.4	E	17.4	D	17.4	D	18.0	D	18.0	D	13.1	E	13.1	E
Average																												17.6	D			20.4	D			21.0	D			16.0	E

TABLE C42.1a
Year 2014 Seminole County Travel Time & Delay Study
EE Williamson Road/Longwood Hills Road - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																																									
Markham Woods Rd. to Sunshine Tree Blvd.	0.21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	30.7	A			30.0	B			34.1	A			30.0	B		
Sunshine Tree Blvd. to I-4	0.14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	32.3	A			31.1	A			35.0	A			32.3	A		
I-4 to Foxridge Run Rd.	0.18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	31.8	A			33.7	A			36.0	A			34.8	A		
Foxridge Run Rd. to Tollgate Trail	0.15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	28.1	B	30.7	A	32.1	A	31.6	A	34.6	A	34.9	A	33.3	A	32.4	A
Tollgate Trail to Woodlands Elementary	0.09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	20.8	C			18.6	C			21.6	C			36.0	A		
Woodlands Elementary to Marcy Blvd.	0.14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	24.7	B			24.7	B			29.0	B			21.5	C		
Marcy Blvd. to Myrtle Lake Hills Rd.	0.09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	28.4	B			28.4	B			30.0	B			24.5	B		
Myrtle Lake Hills Rd. to Rangeline Rd.	0.34	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	25.8	B	25.1	B	24.9	B	24.1	B	20.4	C	23.0	C	15.6	D	19.1	C
Range Line Rd. to Lake Emma Road	0.24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	28.8	B	28.8	B	23.6	C	23.6	C	33.5	A	33.5	A	20.3	C	20.3	C
Lake Emma Road to Hearthstone Lane	0.17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	34.0	A			31.9	A			35.2	A			32.9	A		
Hearthstone Lane to Lazy Acres Lane	0.47	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	29.7	B			28.8	B			32.4	A			29.7	B		
Lazy Acres Lane to CR 427	0.43	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	17.6	C	23.6	B	12.3	D	18.9	C	29.0	A	31.3	A	14.0	C	20.7	B
Average																												25.9	B			22.9	C			29.6	B			22.3	C
PM PEAK HOUR																																									
Markham Woods Rd. to Sunshine Tree Blvd.	0.21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	30.7	A			32.3	A			34.1	A			32.3	A		
Sunshine Tree Blvd. to I-4	0.14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	31.1	A			35.0	A			33.6	A			33.6	A		
I-4 to Foxridge Run Rd.	0.18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	33.7	A			40.0	A			34.8	A			36.0	A		
Foxridge Run Rd. to Tollgate Trail	0.15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	33.3	A	32.1	A	39.1	A	36.1	A	34.6	A	34.3	A	33.3	A	33.7	A
Tollgate Trail to Woodlands Elementary	0.09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	21.6	C			41.5	A			27.0	B			24.5	B		
Woodlands Elementary to Marcy Blvd.	0.14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	31.1	A			35.0	A			32.3	A			24.7	B		
Marcy Blvd. to Myrtle Lake Hills Rd.	0.09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	33.7	A			38.6	A			36.0	A			30.0	B		
Myrtle Lake Hills Rd. to Rangeline Rd.	0.34	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	20.2	C	23.4	C	22.2	C	27.7	B	16.3	D	21.3	C	16.9	D	20.3	C
Range Line Rd. to Lake Emma Road	0.24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	25.7	B	25.7	B	22.9	C	22.9	C	23.6	C	23.6	C	24.8	B	24.8	B
Lake Emma Road to Hearthstone Lane	0.17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	34.0	A			39.2	A			34.0	A			32.9	A		
Hearthstone Lane to Lazy Acres Lane	0.47	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	31.3	A			35.2	A			31.0	A			29.4	B		
Lazy Acres Lane to CR 427	0.43	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	16.1	C	22.9	B	18.3	C	26.0	A	25.8	A	29.0	A	21.9	B	26.2	A
Average																												25.2	B			28.1	B			27.1	B			25.7	B

TABLE C42.1b
Year 2014 Seminole County Travel Time & Delay Study
EE Williamson Road/Longwood Hills Road - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																																									
CR 427 to Lazy Acres Lane	0.43	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	26.6	A			28.0	A			30.0	A			26.1	A		
Lazy Acres Lane to Hearthstone Lane	0.47	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	29.4	B			30.0	B			31.3	A			30.3	A		
Hearthstone Lane to Lake Emma Road	0.17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	12.7	E	23.5	C	10.6	E	22.8	C	15.9	D	26.7	B	18.2	C	25.9	B
Lake Emma Road to Rangeline Road	0.24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	29.4	B	29.4	B	18.0	D	18.0	D	22.2	C	22.2	C	28.2	B	28.2	B
Range Line Road to Myrtle Lake Hills Rd.	0.34	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	31.4	A			31.4	A			32.9	A			27.6	B		
Myrtle Lake Hills Rd. to Marcy Blvd.	0.09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	19.3	C			28.4	B			28.4	B			14.6	D		
Marcy Blvd. to Woodlands Elementary	0.14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	16.2	D			16.2	D			13.8	E			17.1	D		
Woodlands Elementary to Tollgate Trail	0.09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	28.4	B	24.1	B	31.8	A	25.9	B	31.8	A	24.9	B	28.4	B	22.1	C
Tollgate Trail to Foxridge Run Rd.	0.15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	33.3	A			32.1	A			34.6	A			32.1	A		
Foxridge Run Rd. to I-4	0.18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	33.7	A			33.7	A			36.0	A			33.7	A		
I-4 to Sunshine Tree Blvd.	0.14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	32.3	A			26.2	B			33.6	A			31.1	A		
Sunshine Tree Blvd.to Markham Woods Rd.	0.21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	15.2	D	24.3	B	11.8	E	20.5	C	28.6	B	32.6	A	18.0	D	26.0	B
Average																												24.3	B			22.3	C			27.0	B			25.0	B
PM PEAK HOUR																																									
CR 427 to Lazy Acres Lane	0.43	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	27.7	A			33.9	A			29.3	A			29.0	A		
Lazy Acres Lane to Hearthstone Lane	0.47	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	33.2	A			36.2	A			31.0	A			30.7	A		
Hearthstone Lane to Lake Emma Road	0.17	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	10.1	E	23.0	C	14.4	D	28.5	B	14.0	E	25.5	B	12.0	E	24.1	B
Lake Emma Road to Rangeline Road	0.24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	21.8	C	21.8	C	26.7	B	26.7	B	19.2	C	19.2	C	22.9	C	22.9	C
Range Line Road to Myrtle Lake Hills Rd.	0.34	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	31.9	A			35.2	A			31.9	A			31.9	A		
Myrtle Lake Hills Rd. to Marcy Blvd.	0.09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	33.7	A			38.6	A			31.8	A			28.4	B		
Marcy Blvd. to Woodlands Elementary	0.14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	28.0	B			28.0	B			30.0	B			29.0	B		
Woodlands Elementary to Tollgate Trail	0.09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	31.8	A	31.2	A	38.6	A	34.1	A	36.0	A	31.9	A	36.0	A	31.2	A
Tollgate Trail to Foxridge Run Rd.	0.15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	34.6	A			34.6	A			34.6	A			34.6	A		
Foxridge Run Rd. to I-4	0.18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	34.8	A			38.6	A			33.7	A			33.7	A		
I-4 to Sunshine Tree Blvd.	0.14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	32.3	A			36.5	A			31.1	A			32.3	A		
Sunshine Tree Blvd.to Markham Woods Rd.	0.21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	14.3	D	23.9	C	20.0	C	29.1	B	13.5	E	22.9	C	22.5	C	29.1	B
Average																												24.7	B			29.7	B			25.3	B			26.7	B

TABLE C43.1a
Year 2014 Seminole County Travel Time & Delay Study
Greenway Boulevard - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS
AM PEAK HOUR																	
Lake Emma Rd. to Lake Park Dr.	1.07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Lake Park Dr. to Longwood Lake Mary Rd.	0.48	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
Lake Emma Rd. to Lake Park Dr.	1.07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Lake Park Dr. to Longwood Lake Mary Rd.	0.48	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																								
Lake Emma Rd. to Lake Park Dr.	----	----	----	----	----	----	----	----	28.0	B	28.0	B	25.7	B	25.7	B	27.9	B	27.9	B	26.4	B	26.4	B
Lake Park Dr. to Longwood Lake Mary Rd.	----	----	----	----	----	----	----	----	17.6	D	17.6	D	26.4	B	26.4	B	25.9	B	25.9	B	21.3	C	21.3	C
Average											23.7	C			25.9	B			27.3	B			24.6	B
PM PEAK HOUR																								
Lake Emma Rd. to Lake Park Dr.	----	----	----	----	----	----	----	----	29.0	B	29.0	B	28.0	B	28.0	B	29.0	B	29.0	B	25.9	B	25.9	B
Lake Park Dr. to Longwood Lake Mary Rd.	----	----	----	----	----	----	----	----	25.7	B	25.7	B	25.9	B	25.9	B	27.2	B	27.2	B	24.4	B	24.4	B
Average											27.9	B			27.4	B			28.4	B			25.4	B

TABLE C43.1b
Year 2014 Seminole County Travel Time & Delay Study
Greenway Boulevard - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS
AM PEAK HOUR																	
Longwood Lake Mary Rd. to Lake Park Dr.	0.48	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Lake Park Dr. to Lake Emma Rd.	1.07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
Longwood Lake Mary Rd. to Lake Park Dr.	0.48	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Lake Park Dr. to Lake Emma Rd.	1.07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																								
Longwood Lake Mary Rd. to Lake Park Dr.	----	----	----	----	----	----	----	----	22.9	C	22.9	C	22.9	C	22.9	C	25.3	B	25.3	B	21.0	C	21.0	C
Lake Park Dr. to Lake Emma Rd.	----	----	----	----	----	----	----	----	28.5	B	28.5	B	23.0	C	23.0	C	26.7	B	26.7	B	25.9	B	25.9	B
Average											26.5	B			23.0	C			26.3	B			24.2	B
PM PEAK HOUR																								
Longwood Lake Mary Rd. to Lake Park Dr.	----	----	----	----	----	----	----	----	24.0	C	24.0	C	25.7	B	25.7	B	26.2	B	26.2	B	21.2	C	21.2	C
Lake Park Dr. to Lake Emma Rd.	----	----	----	----	----	----	----	----	22.2	C	22.2	C	23.3	C	23.3	C	29.0	B	29.0	B	21.9	C	21.9	C
Average											22.7	C			24.0	C			28.1	B			21.7	C

TABLE C44.1a
Year 2014 Seminole County Travel Time & Delay Study
Greenwood Boulevard - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																											
Lake Emma Rd. to Lake Way Rd.	1.03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	27.5	B	27.5	B	30.4	A	30.4	A	31.5	A	31.5	A	30.4	A	30.4	A
Lake Way Rd. to Sun Dr.	0.42	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	31.1	A			34.5	A			32.7	A			32.7	A		
Sun Dr. to Lake Mary Blvd.	0.24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	11.5	E	19.2	C	11.3	E	19.8	C	8.8	F	16.4	D	13.3	E	21.4	C
Average																												23.5	C			25.2	B			23.2	C			26.1	B
PM PEAK HOUR																																											
Lake Emma Rd. to Lake Way Rd.	1.03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	30.6	A	30.6	A	28.6	B	28.6	B	30.3	A	30.3	A	30.1	A	30.1	A
Lake Way Rd. to Sun Dr.	0.42	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	29.0	B			35.5	A			34.1	A			34.1	A		
Sun Dr. to Lake Mary Blvd.	0.24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	14.8	D	21.5	C	8.5	F	16.5	D	12.3	E	20.7	C	7.3	F	14.6	D
Average																												26.3	B			22.2	C			25.7	B			21.3	C

TABLE C44.1b
Year 2014 Seminole County Travel Time & Delay Study
Greenwood Boulevard - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																											
Lake Mary Blvd. to Sun Dr.	0.24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	20.0	C			36.0	A			30.0	B			31.3	A		
Sun Dr. to Lake Way Rd.	0.42	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	26.0	B	23.4	C	33.2	A	34.1	A	34.5	A	32.7	A	32.3	A	31.9	A
Lake Way Rd. to Lake Emma Rd.	1.03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	23.8	C	23.8	C	24.8	B	24.8	B	24.5	B	24.5	B	23.0	C	23.0	C
Average																												23.6	C			27.8	B			27.2	B			25.8	B
PM PEAK HOUR																																											
Lake Mary Blvd. to Sun Dr.	0.24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	16.6	D			23.6	C			28.2	B			26.7	B		
Sun Dr. to Lake Way Rd.	0.42	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	35.0	A	24.9	B	31.1	A	27.9	B	32.3	A	30.7	A	29.3	B	28.3	B
Lake Way Rd. to Lake Emma Rd.	1.03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	22.9	C	22.9	C	20.3	C	20.3	C	27.6	B	27.6	B	19.2	C	19.2	C
Average																												23.6	C			22.7	C			28.7	B			21.9	C

TABLE C45.1a
Year 2014 Seminole County Travel Time & Delay Study
E. Lake Brantley Drive - Northbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
SR 434 to Wekiva Springs Rd.	0.58	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	18.4	C	18.4	C	17.4	C	17.4	C	15.4	C	15.4	C	17.1	C	17.1	C
Average																												18.4	C			17.4	C			15.4	C			17.1	C
PM PEAK HOUR																																									
SR 434 to Wekiva Springs Rd.	0.58	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	13.7	C	13.7	C	10.4	D	10.4	D	10.2	D	10.2	D	17.9	C	17.9	C
Average																												13.7	C			10.4	D			10.2	D			17.9	C

TABLE C45.1b
Year 2014 Seminole County Travel Time & Delay Study
E. Lake Brantley Drive - Southbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
Wekiva Springs Rd. to SR 434	0.58	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	14.4	C	14.4	C	20.8	B	20.8	B	15.5	C	15.5	C	16.2	C	16.2	C
Average																												14.4	C			20.8	B			15.5	C			16.2	C
PM PEAK HOUR																																									
Wekiva Springs Rd. to SR 434	0.58	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	17.0	C	17.0	C	20.2	B	20.2	B	15.3	C	15.3	C	14.9	C	14.9	C
Average																												17.0	C			20.2	B			15.3	C			14.9	C

TABLE C46.1a
Year 2014 Seminole County Travel Time & Delay Study
W. Lake Brantley Road - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
SR 436 to Citrus Rd./Ohio Ave.	0.66	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----					32.5	A			31.2	A			34.4	A		
Citrus Rd./Ohio Ave. to Sand Lake Rd.	0.25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	26.2	B	26.2	B	11.5	E	21.7	C	16.0	D	24.7	B	17.9	D	27.4	B
Average																												26.2	B			21.7	C			24.7	B			27.4	B
PM PEAK HOUR																																									
SR 436 to Citrus Rd./Ohio Ave.	0.66	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----					32.2	A			33.3	A			34.4	A		
Citrus Rd./Ohio Ave. to Sand Lake Rd.	0.25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	23.3	C	23.3	C	16.0	D	25.2	B	17.0	D	26.4	B	17.9	D	27.4	B
Average																												23.3	C			25.2	B			26.4	B			27.4	B

Note: *From the year 2012, additional control point has been added at Citrus Rd./Ohio Ave.

TABLE C46.1b
Year 2014 Seminole County Travel Time & Delay Study
W. Lake Brantley Road - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
Sand Lake Rd to Citrus Rd./Ohio Ave.	0.25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----					31.2	A			29.4	B			32.6	A		
Citrus Rd./Ohio Ave. to SR 436	0.66	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	22.6	C	22.6	C	16.1	D	18.6	C	20.5	C	22.4	C	18.9	C	21.3	C
Average																												22.6	C			18.6	C			22.4	C			21.3	C
PM PEAK HOUR																																									
Sand Lake Rd to Citrus Rd./Ohio Ave.	0.25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----					31.9	A			31.2	A			31.2	A		
Citrus Rd./Ohio Ave. to SR 436	0.66	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	15.6	D	15.6	D	12.6	E	15.1	D	18.3	C	20.7	C	18.9	C	21.2	C
Average																												15.6	D			15.1	D			20.7	C			21.2	C

Note: *From the year 2012, additional control point has been added at Citrus Rd./Ohio Ave.

TABLE C47.1a
Year 2014 Seminole County Travel Time & Delay Study
Lake of the Woods Boulevard - Eastbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
US 17/92 to Oxford Rd.	0.53	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	17.9	C	17.9	C	20.5	B	20.5	B	18.4	C	18.4	C	22.1	B	22.1	B
Average																												17.9	C			20.5	B			18.4	C			22.1	B
PM PEAK HOUR																																									
US 17/92 to Oxford Rd.	0.53	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	23.4	B	23.4	B	21.1	B	21.1	B	22.6	B	22.6	B	20.1	B	20.1	B
Average																												23.4	B			21.1	B			22.6	B			20.1	B

TABLE C47.1b
Year 2014 Seminole County Travel Time & Delay Study
Lake of the Woods Boulevard - Westbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
Oxford Rd. to US 17/92	0.53	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	11.2	D	11.2	D	10.8	D	10.8	D	11.3	D	11.3	D	14.3	C	14.3	C
Average																												11.2	D			10.8	D			11.3	D			14.3	C
PM PEAK HOUR																																									
Oxford Rd. to US 17/92	0.53	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	17.5	C	17.5	C	10.9	D	10.9	D	13.3	C	13.3	C	10.2	D	10.2	D
Average																												17.5	C			10.9	D			13.3	C			10.2	D

TABLE C48.1a
Year 2014 Seminole County Travel Time & Delay Study
Lake Park Drive - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
Greenway Blvd. to Lake Way Rd.	0.78	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
Greenway Blvd. to Lake Way Rd.	0.78	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
Greenway Blvd. to Lake Way Rd.	----	----	----	----	----	----	----	----	29.1	A	29.1	A	26.3	A	26.3	A	26.4	A	26.4	A	24.5	B	24.5	B
Average											29.1	A			26.3	A			26.4	A			24.5	B
PM PEAK HOUR																								
Greenway Blvd. to Lake Way Rd.	----	----	----	----	----	----	----	----	31.6	A	31.6	A	25.6	A	25.6	A	26.1	A	26.1	A	25.7	A	25.7	A
Average											31.6	A			25.6	A			26.1	A			25.7	A

TABLE C48.1b
Year 2014 Seminole County Travel Time & Delay Study
Lake Park Drive - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
Lake Way Rd. to Greenway Blvd.	0.78	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
Lake Way Rd. to Greenway Blvd.	0.78	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
Lake Way Rd. to Greenway Blvd.	----	----	----	----	----	----	----	----	25.4	A	25.4	A	22.7	B	22.7	B	23.4	B	23.4	B	19.1	B	19.1	B
Average											25.4	A			22.7	B			23.4	B			19.1	B
PM PEAK HOUR																								
Lake Way Rd. to Greenway Blvd.	----	----	----	----	----	----	----	----	25.4	A	25.4	A	21.6	B	21.6	B	21.7	B	21.7	B	22.2	B	22.2	B
Average											25.4	A			21.6	B			21.7	B			22.2	B

TABLE C49.1a
Year 2014 Seminole County Travel Time & Delay Study
Lake Way Road - Eastbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
Greenwood Blvd. to Lake Park Dr.	0.36	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	20.8	B			25.1	A			20.8	B			23.7	B		
Lake Park Dr. to Longwood Lake Mary Rd.	0.30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	14.6	C	17.4	C	20.7	B	22.9	B	17.0	C	18.9	C	20.7	B	22.2	B
Average																												17.4	C			22.9	B			18.9	C			22.2	B
PM PEAK HOUR																																									
Greenwood Blvd. to Lake Park Dr.	0.36	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	27.7	A			25.7	A			22.0	B			18.2	C		
Lake Park Dr. to Longwood Lake Mary Rd.	0.30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	16.2	C	21.0	B	14.4	C	18.9	C	16.1	C	18.9	C	15.3	C	16.7	C
Average																												21.0	B			18.9	C			18.9	C			16.7	C

TABLE C49.1b
Year 2014 Seminole County Travel Time & Delay Study
Lake Way Road - Westbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
Longwood Lake Mary Rd. to Lake Park Dr.	0.30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	21.7	B			23.7	B			23.7	B			21.7	B		
Lake Park Dr. to Greenwood Blvd.	0.36	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	23.0	B	22.4	B	18.5	C	20.5	B	18.3	C	20.4	B	21.8	B	21.8	B
Average																												22.4	B			20.5	B			20.4	B			21.8	B
PM PEAK HOUR																																									
Longwood Lake Mary Rd. to Lake Park Dr.	0.30	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	21.2	B			20.9	B			19.8	B			20.2	B		
Lake Park Dr. to Greenwood Blvd.	0.36	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	19.1	B	20.0	B	17.1	C	18.7	C	13.3	C	15.7	C	13.8	C	16.2	C
Average																												20.0	B			18.7	C			15.7	C			16.2	C

TABLE C50.1a
Year 2014 Seminole County Travel Time & Delay Study
Longwood Markham Road - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
Markham Rd. to Via Hermosa St.*	0.56	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Via Hermosa St. to Steeplechase Cir. S*	0.55	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Steeplechase Cir. S to SR 46	0.41	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
Markham Rd. to Via Hermosa St.*	0.56	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Via Hermosa St. to Steeplechase Cir. S*	0.55	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Steeplechase Cir. S to SR 46	0.41	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Distance (mile)	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS
AM PEAK HOUR																	
Markham Rd. to Via Hermosa St.*	0.56	----	----	----	----	----	----	----	----					35.0	B	35.0	B
Via Hermosa St. to Steeplechase Cir. S*	0.55	----	----	----	----	----	----	----	----					39.8	A	39.8	A
Steeplechase Cir. S to SR 46	0.41	----	----	----	----	----	----	----	----	27.4	C	27.4	C	27.0	C	27.0	C
Average												27.4	C			33.8	B
PM PEAK HOUR																	
Markham Rd. to Via Hermosa St.*	0.56	----	----	----	----	----	----	----	----					37.8	A	37.8	A
Via Hermosa St. to Steeplechase Cir. S*	0.55	----	----	----	----	----	----	----	----					41.2	A	41.2	A
Steeplechase Cir. S to SR 46	0.41	----	----	----	----	----	----	----	----	31.8	B	31.8	B	37.8	A	37.8	A
Average												31.8	B			39.0	A

Roadway Segments	Distance (mile)	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR									
Markham Rd. to Via Hermosa St.*	0.56	36.1	A	36.1	A	37.8	A	37.8	A
Via Hermosa St. to Steeplechase Cir. S*	0.55	38.4	A	38.4	A	39.3	A	39.3	A
Steeplechase Cir. S to SR 46	0.41	14.4	E	14.4	E	15.7	E	15.7	E
Average				26.1	C			27.6	C
PM PEAK HOUR									
Markham Rd. to Via Hermosa St.*	0.56	36.1	A	36.1	A	37.8	A	37.8	A
Via Hermosa St. to Steeplechase Cir. S*	0.55	39.8	A	39.8	A	39.3	A	39.3	A
Steeplechase Cir. S to SR 46	0.41	19.2	D	19.2	D	17.1	D	17.1	D
Average				30.0	B			28.8	B

Note: *From the year 2012, additional control points have been added at Via Hermosa St and Steeplechase Cir. S.

TABLE C50.1b
Year 2014 Seminole County Travel Time & Delay Study
Longwood Markham Road - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
SR 46 to Steeplechase Cir. S*	0.41	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Steeplechase Cir. S to Via Hermosa St.*	0.55	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Via Hermosa St. to Markham Rd.	0.56	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
SR 46 to Steeplechase Cir. S*	0.41	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Steeplechase Cir. S to Via Hermosa St.*	0.55	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Via Hermosa St. to Markham Rd.	0.56	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Distance (mile)	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS
AM PEAK HOUR																	
SR 46 to Steeplechase Cir. S*	0.41	----	----	----	----	----	----	----	----					38.4	A	38.4	A
Steeplechase Cir. S to Via Hermosa St.*	0.55	----	----	----	----	----	----	----	----					41.8	A	41.8	A
Via Hermosa St. to Markham Rd.	0.56	----	----	----	----	----	----	----	----	35.3	A	35.3	A	35.0	B	35.0	B
Average												35.3	A			38.2	A
PM PEAK HOUR																	
SR 46 to Steeplechase Cir. S*	0.41	----	----	----	----	----	----	----	----					33.2	B	33.2	B
Steeplechase Cir. S to Via Hermosa St.*	0.55	----	----	----	----	----	----	----	----					41.2	A	41.2	A
Via Hermosa St. to Markham Rd.	0.56	----	----	----	----	----	----	----	----	35.4	A	35.4	A	35.7	A	35.7	A
Average												35.4	A			36.8	A

Roadway Segments	Distance (mile)	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR									
SR 46 to Steeplechase Cir. S*	0.41	36.2	A	36.2	A	37.8	A	37.8	A
Steeplechase Cir. S to Via Hermosa St.*	0.55	39.8	A	39.8	A	39.3	A	39.3	A
Via Hermosa St. to Markham Rd.	0.56	34.6	B	34.6	B	33.6	B	33.6	B
Average				36.8	A			36.6	A
PM PEAK HOUR									
SR 46 to Steeplechase Cir. S*	0.41	37.3	A	37.3	A	37.8	A	37.8	A
Steeplechase Cir. S to Via Hermosa St.*	0.55	40.2	A	40.2	A	38.8	A	38.8	A
Via Hermosa St. to Markham Rd.	0.56	36.1	A	36.1	A	33.3	B	33.3	B
Average				37.8	A			36.3	A

Note: *From the year 2012, additional control points have been added at Via Hermosa St and Steeplechase Cir. S.

TABLE C51.1a
Year 2014 Seminole County Travel Time & Delay Study
Markham Road - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
Longwood Markham Rd. to Lake Markham Rd.	0.88	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	36.9	A	36.9	A	38.5	A	38.5	A	40.3	A	40.3	A	37.2	A	37.2	A
Lake Markham Rd. to Markham Woods Rd.	0.37	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	38.9	A	38.9	A	41.1	A	41.1	A	41.9	A	41.9	A	39.6	A	39.6	A
Markham Woods Rd. to CR 431	1.38	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	32.9	B	32.9	B	33.7	B	33.7	B	36.8	A	36.8	A	33.9	B	33.9	B
Average																												34.8	A			36.1	A			38.6	A			35.7	A
PM PEAK HOUR																																									
Longwood Markham Rd. to Lake Markham Rd.	0.88	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	36.9	A	36.9	A	38.5	A	38.5	A	39.4	A	39.4	A	37.2	A	37.2	A
Lake Markham Rd. to Markham Woods Rd.	0.37	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	38.9	A	38.9	A	39.6	A	39.6	A	41.1	A	41.1	A	38.9	A	38.9	A
Markham Woods Rd. to CR 431	1.38	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	36.5	A	36.5	A	30.6	B	30.6	B	35.1	A	35.1	A	26.0	C	26.0	C
Average																												36.8	A			34.0	A			37.2	A			30.5	A

TABLE C51.1b
Year 2014 Seminole County Travel Time & Delay Study
Markham Road - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
CR 431 to Markham Woods Rd.	1.38	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	34.9	B	34.9	B	37.1	A	37.1	A	38.7	A	38.7	A	36.0	A	36.0	A
Markham Woods Rd. to Lake Markham Rd.	0.37	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	39.6	A	39.6	A	39.6	A	39.6	A	41.9	A	41.9	A	38.9	A	38.9	A
Lake Markham Rd. to Longwood Markham Rd.	0.88	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	37.7	A	37.7	A	33.6	B	33.6	B	36.9	A	36.9	A	36.4	A	36.4	A
Average																												36.3	A			36.2	A			38.5	A			36.5	A
PM PEAK HOUR																																									
CR 431 to Markham Woods Rd.	1.38	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	36.6	A	36.6	A	38.7	A	38.7	A	39.4	A	39.4	A	37.0	A	37.0	A
Markham Woods Rd. to Lake Markham Rd.	0.37	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	38.3	A	38.3	A	40.4	A	40.4	A	41.9	A	41.9	A	39.6	A	39.6	A
Lake Markham Rd. to Longwood Markham Rd.	0.88	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	37.7	A	37.7	A	37.4	A	37.4	A	37.4	A	37.4	A	36.7	A	36.7	A
Average																												37.1	A			38.5	A			39.1	A			37.2	A

TABLE C52.1a
Year 2014 Seminole County Travel Time & Delay Study
Old Lake Mary Road - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
CR 15 to Palmetto St.	0.26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	22.9	B			22.9	B			24.0	B			13.6	C		
Palmetto St. to Wilbur Ave.	0.12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	30.0	A	24.8	B	28.8	A	24.5	B	30.0	A	25.6	A	30.0	A	16.4	C
Wilbur Ave. to Pedigo Pt.	0.61	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	40.7	A			40.2	A			42.1	A			41.1	A		
Pedigo Pt. to Casa Verde Blvd.	0.99	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	41.0	A	40.8	A	37.1	A	38.2	A	36.7	A	38.6	A	37.4	A	38.7	A
Casa Verde Blvd. to Airport Blvd.	0.24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	14.1	D			13.5	E			13.8	E			14.4	D		
Airport Blvd. to CR 46A	0.54	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	16.7	D	15.8	D	17.4	D	16.0	D	19.9	C	17.5	D	21.2	C	18.5	C
CR 46A to Country Club Rd.	0.16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	20.9	C	20.9	C	23.4	C	23.4	C	20.0	C	20.0	C	20.0	C	20.0	C
Average																												26.2	B			25.8	B			26.8	B			25.5	B
PM PEAK HOUR																																									
CR 15 to Palmetto St.	0.26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	23.6	B			22.6	B			24.8	B			24.4	B		
Palmetto St. to Wilbur Ave.	0.12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	28.8	A	25.1	A	27.7	A	24.0	B	30.0	A	26.2	A	32.7	A	26.5	A
Wilbur Ave. to Pedigo Pt.	0.61	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	41.6	A			43.6	A			43.1	A			42.1	A		
Pedigo Pt. to Casa Verde Blvd.	0.99	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	42.7	A	42.3	A	42.7	A	43.0	A	37.6	A	39.5	A	41.0	A	41.4	A
Casa Verde Blvd. to Airport Blvd.	0.24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	11.4	E			10.3	E			15.3	D			13.1	E		
Airport Blvd. to CR 46A	0.54	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	24.9	B	18.3	C	18.2	C	14.7	D	11.8	E	12.7	E	18.1	C	16.2	D
CR 46A to Country Club Rd.	0.16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	21.3	C	21.3	C	20.9	C	20.9	C	20.0	C	20.0	C	20.9	C	20.9	C
Average																												28.3	B			25.7	B			23.5	C			26.8	B

TABLE C52.1b
Year 2014 Seminole County Travel Time & Delay Study
Old Lake Mary Road - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
Country Club Rd. to CR 46A	0.16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	10.5	E	10.5	E	16.3	D	16.3	D	6.5	F	6.5	F	9.1	F	9.1	F
CR 46A to Airport Blvd.	0.54	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	17.5	D			20.9	C			20.1	C			21.0	C		
Airport Blvd. to Casa Verde Blvd.	0.24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	30.0	B	20.1	C	35.1	A	23.9	C	33.5	A	22.9	C	35.1	A	24.0	C
Casa Verde Blvd. to Pedigo Pt.	0.99	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	36.2	A			42.4	A			42.7	A			40.4	A		
Pedigo Pt. to Wilbur Ave.	0.61	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	37.7	A	36.8	A	40.2	A	41.6	A	41.6	A	42.3	A	39.8	A	40.2	A
Wilbur Ave. to Palmetto St.	0.12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	21.8	B			26.7	A			25.7	A			25.7	A		
Palmetto St. to CR 15	0.26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	12.1	D	14.1	C	14.2	C	16.6	C	16.2	C	18.4	C	10.2	D	12.6	D
Average																												23.5	C			28.1	B			24.9	B			24.3	B
PM PEAK HOUR																																									
Country Club Rd. to CR 46A	0.16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	9.9	F	9.9	F	16.8	D	16.8	D	6.7	F	6.7	F	5.3	F	5.3	F
CR 46A to Airport Blvd.	0.54	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	17.0	D			21.5	C			18.4	C			19.1	C		
Airport Blvd. to Casa Verde Blvd.	0.24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	32.7	A	19.9	C	35.1	A	24.4	B	34.3	A	21.5	C	36.9	A	22.4	C
Casa Verde Blvd. to Pedigo Pt.	0.99	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	39.9	A			42.4	A			41.8	A			42.7	A		
Pedigo Pt. to Wilbur Ave.	0.61	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	39.4	A	39.7	A	41.1	A	41.9	A	40.7	A	41.4	A	42.6	A	42.7	A
Wilbur Ave. to Palmetto St.	0.12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	25.7	A			27.7	A			24.8	B			28.8	A		
Palmetto St. to CR 15	0.26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	14.2	C	16.5	C	11.2	D	13.8	C	12.1	D	14.4	C	8.0	E	10.4	D
Average																												24.6	B			27.2	B			23.3	C			21.0	C

TABLE C53.1a
Year 2014 Seminole County Travel Time & Delay Study
Old Lockwood Road - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
McCulloch Rd. to Lockwood Blvd.	1.39	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
McCulloch Rd. to Lockwood Blvd.	1.39	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
McCulloch Rd. to Lockwood Blvd.	----	----	----	----	----	----	----	----	32.0	A	32.0	A	30.0	B	30.0	B	32.8	A	32.8	A	32.0	A	32.0	A
Average											32.0	A			30.0	B			32.8	A			32.0	A
PM PEAK HOUR																								
McCulloch Rd. to Lockwood Blvd.	----	----	----	----	----	----	----	----	29.8	B	29.8	B	31.0	A	31.0	A	30.8	A	30.8	A	31.5	A	31.5	A
Average											29.8	B			31.0	A			30.8	A			31.5	A

TABLE C53.1b
Year 2014 Seminole County Travel Time & Delay Study
Old Lockwood Road - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
Lockwood Blvd. to McCulloch Rd.	1.39	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
Lockwood Blvd. to McCulloch Rd.	1.39	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
Lockwood Blvd. to McCulloch Rd.	----	----	----	----	----	----	----	----	29.7	B	29.7	B	28.3	B	28.3	B	25.1	B	25.1	B	25.7	B	25.7	B
Average											29.7	B			28.3	B			25.1	B			25.7	B
PM PEAK HOUR																								
Lockwood Blvd. to McCulloch Rd.	----	----	----	----	----	----	----	----	27.6	B	27.6	B	26.6	B	26.6	B	25.0	B	25.0	B	27.3	B	27.3	B
Average											27.6	B			26.6	B			25.0	B			27.3	B

TABLE C54.1a
Year 2014 Seminole County Travel Time & Delay Study
Orange Avenue - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
SR 434 to Laurel St.	0.25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	26.3	B			22.4	C			30.0	B			27.8	A	27.8	A
Laurel St. to W. Town Pkwy.*	0.23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	31.4	A	31.4	A
W. Town Pkwy. to SR 436*	0.13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	21.0	C	22.9	C	23.7	C	23.2	C	20.6	C	23.6	C	11.6	D	11.6	D
Average																												22.9	C			23.2	C			23.6	C			22.2	C
PM PEAK HOUR																																									
SR 434 to Laurel St.	0.25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	20.0	C			28.8	B			23.4	C			21.7	B	21.7	B
Laurel St. to W. Town Pkwy.*	0.23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	30.0	A	30.0	A
W. Town Pkwy. to SR 436*	0.13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	17.7	D	18.6	C	22.7	C	24.9	B	20.4	C	21.5	C	17.0	C	17.0	C
Average																												18.6	C			24.9	B			21.5	C			22.7	C

TABLE C54.1b
Year 2014 Seminole County Travel Time & Delay Study
Orange Avenue - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
SR 436 to W. Town Pkwy.*	0.25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	25.7	B			24.8	B			26.7	B			22.3	B	22.3	B
W. Town Pkwy. to Laurel St.*	0.23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	27.1	A	27.1	A
Laurel St. to SR 434	0.13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	8.1	F	13.6	E	10.9	E	16.3	D	6.0	F	11.1	E	8.4	E	8.4	E
Average																												13.6	E			16.3	D			11.1	E			13.9	E
PM PEAK HOUR																																									
SR 436 to W. Town Pkwy.*	0.25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	20.2	C			23.7	C			24.5	B			24.4	B	24.4	B
W. Town Pkwy. to Laurel St.*	0.23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	22.3	B	22.3	B
Laurel St. to SR 434	0.13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	8.5	F	12.9	E	10.3	E	15.5	D	8.1	F	13.4	E	10.3	D	10.3	D
Average																												12.9	E			15.5	D			13.4	E			15.2	D

Note: *From the year 2014, additional control point has been added at W Town Pkwy.

TABLE C55.1a
Year 2014 Seminole County Travel Time & Delay Study
Oranole Road - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
Wymore Rd. to Mt. Vernon Pkwy.	0.75	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Mt. Vernon Pkwy. to Maitland Ave.	0.74	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
Wymore Rd. to Mt. Vernon Pkwy.	0.75	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Mt. Vernon Pkwy. to Maitland Ave.	0.74	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
Wymore Rd. to Mt. Vernon Pkwy.	----	----	----	----	----	----	----	----	23.1	B			25.9	A			25.6	A			24.5	B		
Mt. Vernon Pkwy. to Maitland Ave.	----	----	----	----	----	----	----	----	17.4	C	19.9	B	18.6	C	21.6	B	15.3	C	19.1	B	21.6	B	22.9	B
Average											19.9	B			21.6	B			19.1	B			22.9	B
PM PEAK HOUR																								
Wymore Rd. to Mt. Vernon Pkwy.	----	----	----	----	----	----	----	----	24.3	B			24.9	B			27.1	A			21.2	B		
Mt. Vernon Pkwy. to Maitland Ave.	----	----	----	----	----	----	----	----	21.3	B	22.7	B	19.6	B	22.0	B	19.4	B	22.6	B	25.1	A	23.0	B
Average											22.7	B			22.0	B			22.6	B			23.0	B

TABLE C55.1b
Year 2014 Seminole County Travel Time & Delay Study
Oranole Road - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
Maitland Ave. to Mt. Vernon Pkwy.	0.74	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Mt. Vernon Pkwy. to Wymore Rd.	0.75	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
Maitland Ave. to Mt. Vernon Pkwy.	0.74	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Mt. Vernon Pkwy. to Wymore Rd.	0.75	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
Maitland Ave. to Mt. Vernon Pkwy.	----	----	----	----	----	----	----	----	23.6	B			24.7	B			24.5	B			21.7	B		
Mt. Vernon Pkwy. to Wymore Rd.	----	----	----	----	----	----	----	----	17.7	C	20.2	B	20.4	B	22.3	B	22.7	B	23.6	B	19.5	B	20.5	B
Average											20.2	B			22.3	B			23.6	B			20.5	B
PM PEAK HOUR																								
Maitland Ave. to Mt. Vernon Pkwy.	----	----	----	----	----	----	----	----	25.2	A			24.7	B			27.1	A			25.5	A		
Mt. Vernon Pkwy. to Wymore Rd.	----	----	----	----	----	----	----	----	19.8	B	22.2	B	20.6	B	22.5	B	22.7	B	24.7	B	19.8	B	22.3	B
Average											22.2	B			22.5	B			24.7	B			22.3	B

TABLE C56.1a
Year 2014 Seminole County Travel Time & Delay Study
Oxford Road - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
Derbyshire Rd. to Lake of the Woods Blvd.	0.73	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Lake of the Woods Blvd. to Fernwood Blvd.	0.40	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Fernwood Blvd. to SR 436	0.23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
SR 436 to Sunset Dr.	0.46	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
Derbyshire Rd. to Lake of the Woods Blvd.	0.73	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Lake of the Woods Blvd. to Fernwood Blvd.	0.40	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Fernwood Blvd. to SR 436	0.23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
SR 436 to Sunset Dr.	0.46	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
Derbyshire Rd. to Lake of the Woods Blvd.	----	----	----	----	----	----	----	----	19.3	B	19.3	B	18.3	C	18.3	C	18.7	C	18.7	C	17.5	C	17.5	C
Lake of the Woods Blvd. to Fernwood Blvd.	----	----	----	----	----	----	----	----	21.6	B	21.6	B	21.8	B	21.8	B	20.2	B	20.2	B	20.9	B	20.9	B
Fernwood Blvd. to SR 436	----	----	----	----	----	----	----	----	7.9	E	7.9	E	8.8	E	8.8	E	7.7	E	7.7	E	9.0	D	9.0	D
SR 436 to Sunset Dr.	----	----	----	----	----	----	----	----	25.3	A	25.3	A	27.6	A	27.6	A	----	----	----	----	----	----	----	----
Average											17.6	C			18.0	C			15.3	C			15.8	C
PM PEAK HOUR																								
Derbyshire Rd. to Lake of the Woods Blvd.	----	----	----	----	----	----	----	----	20.1	B	20.1	B	20.2	B	20.2	B	21.7	B	21.7	B	18.4	C	18.4	C
Lake of the Woods Blvd. to Fernwood Blvd.	----	----	----	----	----	----	----	----	22.9	B	22.9	B	22.2	B	22.2	B	21.6	B	21.6	B	19.0	B	19.0	B
Fernwood Blvd. to SR 436	----	----	----	----	----	----	----	----	6.0	F	6.0	F	7.8	F	7.8	F	7.8	E	7.8	E	7.8	E	7.8	E
SR 436 to Sunset Dr.	----	----	----	----	----	----	----	----	26.3	A	26.3	A	19.2	B	19.2	B	----	----	----	----	----	----	----	----
Average											16.6	C			16.9	C			16.7	C			15.1	C

TABLE C56.1b
Year 2014 Seminole County Travel Time & Delay Study
Oxford Road - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
Sunshine Dr. to SR 436	0.46	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
SR 436 to Fernwood Blvd.	0.23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Fernwood Blvd. to Lake of the Woods Blvd.	0.40	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Lake of the Woods Blvd. to Derbyshire Rd.	0.73	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
Sunshine Dr. to SR 436	0.46	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
SR 436 to Fernwood Blvd.	0.23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Fernwood Blvd. to Lake of the Woods Blvd.	0.40	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Lake of the Woods Blvd. to Derbyshire Rd.	0.73	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
Sunshine Dr. to SR 436	----	----	----	----	----	----	----	----	11.0	D	11.0	D	11.5	D	11.5	D	----	----	----	----	----	----	----	----
SR 436 to Fernwood Blvd.	----	----	----	----	----	----	----	----	18.6	C	18.6	C	20.9	B	20.9	B	19.7	B	19.7	B	20.3	B	20.3	B
Fernwood Blvd. to Lake of the Woods Blvd.	----	----	----	----	----	----	----	----	16.7	C	16.7	C	16.7	C	16.7	C	14.2	C	14.2	C	17.0	C	17.0	C
Lake of the Woods Blvd. to Derbyshire Rd.	----	----	----	----	----	----	----	----	22.2	B	22.2	B	23.2	B	23.2	B	22.9	B	22.9	B	21.8	B	21.8	B
Average											16.4	C			17.1	C			19.0	C			19.9	B
PM PEAK HOUR																								
Sunshine Dr. to SR 436	----	----	----	----	----	----	----	----	8.3	E	8.3	E	11.0	D	11.0	D	----	----	----	----	----	----	----	----
SR 436 to Fernwood Blvd.	----	----	----	----	----	----	----	----	20.3	B	20.3	B	14.4	C	14.4	C	20.3	B	20.3	B	15.9	C	15.9	C
Fernwood Blvd. to Lake of the Woods Blvd.	----	----	----	----	----	----	----	----	23.3	B	23.3	B	23.1	B	23.1	B	19.0	B	19.0	B	17.9	C	17.9	C
Lake of the Woods Blvd. to Derbyshire Rd.	----	----	----	----	----	----	----	----	24.1	B	24.1	B	23.9	B	23.9	B	23.1	B	23.1	B	19.6	B	19.6	B
Average											16.0	C			17.2	C			21.2	B			18.3	C

TABLE C57.1a
Year 2014 Seminole County Travel Time & Delay Study
Pearl Lake Causeway - Northbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
Bunnell Rd. to N/S Pearl Lake Cswy.	0.46	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	27.6	A	27.6	A	25.6	A	25.6	A	28.7	A	28.7	A	27.1	A	27.1	A
N/S Pearl Lake Cswy. to SR 436	0.33	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	9.9	D	9.9	D	9.9	D	9.9	D	13.2	C	13.2	C	14.1	C	14.1	C
Average																												15.7	C			15.3	C			19.3	B			19.6	B
PM PEAK HOUR																																									
Bunnell Rd. to N/S Pearl Lake Cswy.	0.46	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	28.7	A	28.7	A	28.7	A	28.7	A	29.4	A	29.4	A	27.6	A	27.6	A
N/S Pearl Lake Cswy. to SR 436	0.33	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	9.3	D	9.3	D	7.6	E	7.6	E	14.2	C	14.2	C	12.8	D	12.8	D
Average																												15.3	C			13.3	C			20.3	B			18.6	C

TABLE C57.1b
Year 2014 Seminole County Travel Time & Delay Study
Pearl Lake Causeway - Southbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
SR 436 to N/S Pearl Lake Cswy.	0.33	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	27.9	A	27.9	A	28.7	A	28.7	A	29.6	A	29.6	A	30.9	A	30.9	A
N/S Pearl Lake Cswy. To Bunnell Rd.	0.46	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	22.8	B	22.8	B	23.2	B	23.2	B	23.0	B	23.0	B	23.2	B	23.2	B
Average																												24.7	B			25.2	A			25.3	A			25.9	A
PM PEAK HOUR																																									
SR 436 to N/S Pearl Lake Cswy.	0.33	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	28.7	A	28.7	A	29.1	A	29.1	A	33.0	A	33.0	A	30.0	A	30.0	A
N/S Pearl Lake Cswy. To Bunnell Rd.	0.46	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	19.2	B	19.2	B	17.2	C	17.2	C	24.2	B	24.2	B	16.8	C	16.8	C
Average																												22.3	B			20.8	B			27.2	A			20.6	B

TABLE C58.1a
Year 2014 Seminole County Travel Time & Delay Study
Rangeline Road - Northbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
SR 434 to Devonshire Blvd.	0.47	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	24.1	B			26.6	A			25.9	A			26.9	A		
Devonshire Blvd. to Church Ave.	0.28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	21.8	B			22.1	B			22.4	B			24.0	B		
Church Ave. to Loch Lomond Ave.	0.15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	16.7	C			19.1	B			17.0	C			16.7	C		
Loch Lomond Ave. to EE Williamson Rd.	0.15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	12.2	D	19.6	B	12.0	D	20.7	B	15.5	C	21.4	B	10.2	D	19.9	B
Average																												19.6	B			20.7	B			21.4	B			19.9	B
PM PEAK HOUR																																									
SR 434 to Devonshire Blvd.	0.47	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	25.0	B			25.6	A			25.6	A			22.6	B		
Devonshire Blvd. to Church Ave.	0.28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	20.7	B			24.7	B			21.8	B			22.1	B		
Church Ave. to Loch Lomond Ave.	0.15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	15.8	C			15.8	C			15.3	C			12.7	D		
Loch Lomond Ave. to EE Williamson Rd.	0.15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	15.8	C	20.5	B	9.8	D	19.3	B	18.0	C	21.3	B	9.4	D	17.1	C
Average																												20.5	B			19.3	B			21.3	B			17.1	C

TABLE C58.1b
Year 2014 Seminole County Travel Time & Delay Study
Rangeline Road - Southbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
EE Williamson Rd. to Loch Lomond Ave.	0.15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	15.0	C			14.3	C			10.2	D			14.1	C		
Loch Lomond Ave. to Church Ave.	0.15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	17.0	C			17.0	C			16.7	C			18.7	C		
Church Ave. to Devonshire Blvd.	0.28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	20.2	B			22.4	B			22.4	B			24.3	B		
Devonshire Blvd. to SR 434	0.47	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	12.2	D	14.7	C	13.1	C	15.5	C	26.6	A	19.5	B	13.6	C	16.2	C
Average																												14.7	C			15.5	C			19.5	B			16.2	C
PM PEAK HOUR																																									
EE Williamson Rd. to Loch Lomond Ave.	0.15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	17.3	C			17.3	C			13.8	C			13.8	C		
Loch Lomond Ave. to Church Ave.	0.15	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	18.4	C			18.0	C			17.0	C			17.3	C		
Church Ave. to Devonshire Blvd.	0.28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	21.8	B			23.7	B			23.7	B			21.0	B		
Devonshire Blvd. to SR 434	0.47	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	8.1	E	11.9	D	15.0	C	17.5	C	13.1	C	15.6	C	10.2	D	13.3	C
Average																												11.9	D			17.5	C			15.6	C			13.3	C

TABLE C59.1a
Year 2014 Seminole County Travel Time & Delay Study
Raymond Avenue - Northbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
North St. to SR 434	0.58	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	14.3	C	14.3	C	17.8	C	17.8	C	11.5	D	11.5	D	16.3	C	16.3	C
Average																												14.3	C			17.8	C			11.5	D			16.3	C
PM PEAK HOUR																																									
North St. to SR 434	0.58	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	21.6	B	21.6	B	24.0	B	24.0	B	23.4	B	23.4	B	10.3	D	10.3	D
Average																												21.6	B			24.0	B			23.4	B			10.3	D

TABLE C59.1b
Year 2014 Seminole County Travel Time & Delay Study
Raymond Avenue - Southbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
SR 434 to North St.	0.58	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	26.6	A	26.6	A	27.4	A	27.4	A	25.4	A	25.4	A	26.8	A	26.8	A
Average																												26.6	A			27.4	A			25.4	A			26.8	A
PM PEAK HOUR																																									
SR 434 to North St.	0.58	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	27.6	A	27.6	A	27.2	A	27.2	A	25.4	A	25.4	A	27.0	A	27.0	A
Average																												27.6	A			27.2	A			25.4	A			27.0	A

TABLE C60.1a
Year 2014 Seminole County Travel Time & Delay Study
Slavia Road - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
Red Bug Lake Rd. to Summer Club Dr.*	0.31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Summer Club Dr to SR 426	0.58	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
Red Bug Lake Rd. to Summer Club Dr.*	0.31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Summer Club Dr to SR 426	0.58	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
Red Bug Lake Rd. to Summer Club Dr.*	----	----	----	----	----	----	----	----					38.0	A			35.1	A			27.8	C		
Summer Club Dr to SR 426	----	----	----	----	----	----	----	----	28.1	B	28.1	B	27.8	C	30.7	B	22.2	C	25.4	C	10.4	F	13.3	E
Average											28.1	B			30.7	B			25.4	C			13.3	E
PM PEAK HOUR																								
Red Bug Lake Rd. to Summer Club Dr.*	----	----	----	----	----	----	----	----					38.0	A			29.5	B			30.5	B		
Summer Club Dr to SR 426	----	----	----	----	----	----	----	----	36.1	A	36.1	A	31.1	B	33.2	B	27.0	C	27.8	C	16.5	E	19.6	D
Average											36.1	A			33.2	B			27.8	C			19.6	D

Note: *From the year 2012, additional control point has been added at Summer Club Dr.

TABLE C60.1b
Year 2014 Seminole County Travel Time & Delay Study
Slavia Road - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
SR 426 to Summer Club Dr.*	0.58	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Summer Club Dr. to Red Bug Lake Rd.	0.31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
SR 426 to Summer Club Dr.*	0.58	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Summer Club Dr. to Red Bug Lake Rd.	0.31	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
SR 426 to Summer Club Dr.*	----	----	----	----	----	----	----	----					31.4	B			27.0	C			24.9	C		
Summer Club Dr. to Red Bug Lake Rd.	----	----	----	----	----	----	----	----	23.8	C	23.8	C	7.9	F	15.4	E	35.8	A	29.5	B	9.9	F	16.3	E
Average											23.8	C			15.4	E			29.5	B			16.3	E
PM PEAK HOUR																								
SR 426 to Summer Club Dr.*	----	----	----	----	----	----	----	----					39.5	A			40.0	A			33.5	B		
Summer Club Dr. to Red Bug Lake Rd.	----	----	----	----	----	----	----	----	32.4	B	32.4	B	12.1	F	22.1	C	36.5	A	38.7	A	15.4	E	23.7	C
Average											32.4	B			22.1	C			38.7	A			23.7	C

Note: *From the year 2012, additional control point has been added at Summer Club Dr.

TABLE C61.1a
Year 2014 Seminole County Travel Time & Delay Study
Tangerine Avenue - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
Citrus Ave. to Timber Dr.	0.29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	18.1	C			16.3	C			18.7	C			17.4	C		
Timber Dr. to Betty St.	0.02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	15.0	C			17.1	C			17.1	C			17.1	C		
Betty St. to Howell Branch Rd.	0.64	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	16.3	C	16.8	C	14.4	C	15.0	C	14.9	C	16.0	C	16.6	C	16.9	C
Average																												16.8	C			15.0	C			16.0	C			16.9	C
PM PEAK HOUR																																									
Citrus Ave. to Timber Dr.	0.29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	17.8	C			17.4	C			20.0	B			18.5	C		
Timber Dr. to Betty St.	0.02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	15.0	C			17.1	C			20.0	B			17.1	C		
Betty St. to Howell Branch Rd.	0.64	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	16.1	C	16.6	C	17.5	C	17.5	C	18.7	C	19.1	B	14.2	C	15.3	C
Average																												16.6	C			17.5	C			19.1	B			15.3	C

TABLE C61.1b
Year 2014 Seminole County Travel Time & Delay Study
Tangerine Avenue - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																									
Howell Branch Rd. to Betty St.	0.64	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	19.9	B			19.6	B			20.5	B			19.0	B		
Betty St. to Timber Dr.	0.02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	17.1	C			17.1	C			17.1	C			20.0	B		
Timber Dr. to Citrus Ave.	0.29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	19.6	B	19.7	B	18.7	C	19.3	B	18.7	C	19.9	B	18.3	C	18.8	C
Average																												19.7	B			19.3	B			19.9	B			18.8	C
PM PEAK HOUR																																									
Howell Branch Rd. to Betty St.	0.64	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	22.3	B			21.7	B			21.7	B			19.6	B		
Betty St. to Timber Dr.	0.02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	17.1	C			20.0	B			17.1	C			20.0	B		
Timber Dr. to Citrus Ave.	0.29	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	18.9	C	21.0	B	18.3	C	20.5	B	20.5	B	21.2	B	19.3	B	19.5	B
Average																												21.0	B			20.5	B			21.2	B			19.5	B

TABLE C62.1a
Year 2014 Seminole County Travel Time & Delay Study
Towne Center Boulevard - Northbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
Rinehart Rd. to S. Mall Entrance	0.42	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	22.3	C			29.0	B			28.0	B			30.7	A		
S. Mall Entrance to St. Johns Pkwy.	0.53	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	30.9	A			33.8	A			32.1	A			33.5	A		
St. Johns Pkwy. To N. Mall Entrance	0.13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	28.9	B			33.9	A			26.9	B			30.0	B		
N. Mall Entrance to SR 46	0.27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	11.6	E	21.1	C	11.3	E	23.3	C	11.9	E	22.9	C	10.7	E	22.8	C
Average																												21.1	C			23.3	C			22.9	C			22.8	C
PM PEAK HOUR																																									
Rinehart Rd. to S. Mall Entrance	0.42	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	22.1	C			24.0	C			21.5	C			21.2	C		
S. Mall Entrance to St. Johns Pkwy.	0.53	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	26.9	B			24.5	B			26.7	B			33.1	A		
St. Johns Pkwy. To N. Mall Entrance	0.13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	17.3	D			14.2	D			18.1	C			27.9	B		
N. Mall Entrance to SR 46	0.27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	10.6	E	18.8	C	9.4	F	17.5	D	11.2	E	19.1	C	12.4	E	21.7	C
Average																												18.8	C			17.5	D			19.1	C			21.7	C

TABLE C62.1b
Year 2014 Seminole County Travel Time & Delay Study
Towne Center Boulevard - Southbound Direction Historical Summary

Roadway	Distance	Year 2005				Year 2006				Year 2007				Year 2008				Year 2009				Year 2010				Year 2011				Year 2012				Year 2013				Year 2014			
		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section		Rdwy Segment		Rdwy Section	
		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed		Average Speed	
Segments	(mile)	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS	(mph)	LOS
AM PEAK HOUR																																									
SR 46 to N. Mall Entrance	0.27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	22.2	A			24.5	B			23.1	C			26.1	B		
N. Mall Entrance to St. Johns Pkwy.	0.13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	26.9	A			31.2	A			26.0	B			25.2	B		
St. Johns Pkwy. to S. Mall Entrance.	0.53	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	26.9	A			29.2	B			32.8	A			30.9	A		
S. Mall Entrance. to Rinehart Rd.	0.42	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	19.8	A	23.3	A	26.8	B	27.6	B	17.6	D	23.8	C	21.5	C	25.9	B
Average																												23.3	C			27.6	B			23.8	C			25.9	B
PM PEAK HOUR																																									
SR 46 to N. Mall Entrance	0.27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	20.5	A			16.5	D			22.2	C			23.8	C		
N. Mall Entrance to St. Johns Pkwy.	0.13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	14.7	A			15.0	D			15.9	D			18.1	C		
St. Johns Pkwy. to S. Mall Entrance.	0.53	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	26.7	A			24.1	B			30.3	A			21.8	C		
S. Mall Entrance. to Rinehart Rd.	0.42	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	17.3	A	20.4	A	17.5	D	19.0	C	13.2	E	19.4	C	13.3	E	18.1	C
Average																												20.4	C			19.0	C			19.4	C			18.1	C

TABLE C63.1a
Year 2014 Seminole County Travel Time & Delay Study
W. Town Parkway - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																											
Bunnell Rd. to Shopping Plaza	0.11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	22.8	B			22.8	B			18.9	C			20.6	B		
Shopping Plaza to SR 434	0.12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4.7	F	7.6	E	7.9	F	11.5	D	5.0	F	7.7	E	4.3	F	6.9	F
SR 434 to Laurel St.	0.26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	22.9	B	22.9	B	27.9	A	27.9	A	28.9	A	28.9	A	22.9	B		
Laurel St. to Orange Ave.*	0.35	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	20.8	B	21.7	B
Average																												11.8	D			16.7	C			12.6	D			13.7	C
PM PEAK HOUR																																											
Bunnell Rd. to Shopping Plaza	0.11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	11.0	D			19.4	B			12.0	D			20.0	B		
Shopping Plaza to SR 434	0.12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6.2	F	7.8	E	7.5	F	10.6	D	4.9	F	6.9	F	6.0	F	9.0	E
SR 434 to Laurel St.	0.26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	20.5	B	20.5	B	23.3	B	23.3	B	30.0	A	30.0	A	22.0	B		
Laurel St. to Orange Ave.*	0.35	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	19.8	B	20.7	B
Average																												11.7	D			14.9	C			11.6	D			15.2	C

TABLE C63.1b
Year 2014 Seminole County Travel Time & Delay Study
W. Town Parkway - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment Average Speed LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section Average Speed LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment Average Speed LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section Average Speed LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment Average Speed LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section Average Speed LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment Average Speed LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section Average Speed LOS	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment Average Speed LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section Average Speed LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment Average Speed LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section Average Speed LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment Average Speed LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section Average Speed LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment Average Speed LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section Average Speed LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment Average Speed LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section Average Speed LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment Average Speed LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section Average Speed LOS
AM PEAK HOUR																																											
Orange Ave. to Laurel St.*	0.35	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	26.6	A		
Laurel St. to SR 434	0.26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	7.0	E	7.0	E	7.1	E	7.1	E	8.7	E	8.7	E	9.2	D	14.8	C
SR 434 to Shopping Plaza	0.12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	14.7	C			26.7	A			19.5	B			18.0	C		
Shopping Plaza to Bunnell Rd.	0.11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	20.6	B	17.0	C	25.4	A	26.0	A	22.8	B	20.9	B	34.7	A	23.4	B
Average																												9.6	D			10.7	D			12.0	D			16.4	C
PM PEAK HOUR																																											
Orange Ave. to Laurel St.*	0.35	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	25.0	B		
Laurel St. to SR 434	0.26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6.5	F	6.5	F	11.1	D	11.1	D	9.1	D	9.1	D	7.6	E	12.6	D
SR 434 to Shopping Plaza	0.12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	17.1	C			25.7	A			18.9	C			13.6	C		
Shopping Plaza to Bunnell Rd.	0.11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	16.1	C	16.6	C	23.6	B	24.6	B	17.4	C	18.2	C	33.0	A	18.9	C
Average																												9.1	D			15.0	C			11.9	D			13.9	C

Note: *From the year 2014, additional control point has been added at Orange Ave.

TABLE C64.1a
Year 2014 Seminole County Travel Time & Delay Study
Winter Park Drive - Northbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
Red Bug Lake Rd. to Wilshire Dr.	0.35	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Wilshire Dr. to Queens Mirror Cir.	0.71	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Queens Mirror Cir. to Crystal Bowl Cir.	0.28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Crystal Bowl Cir. to Seminola Blvd.	0.77	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Seminola Blvd. to SR 434	1.68	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
Red Bug Lake Rd. to Wilshire Dr.	0.35	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Wilshire Dr. to Queens Mirror Cir.	0.71	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Queens Mirror Cir. to Crystal Bowl Cir.	0.28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Crystal Bowl Cir. to Seminola Blvd.	0.77	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Seminola Blvd. to SR 434	1.68	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
Red Bug Lake Rd. to Wilshire Dr.	----	----	----	----	----	----	----	----	19.6	B			21.9	B			21.2	B			22.8	B		
Wilshire Dr. to Queens Mirror Cir.	----	----	----	----	----	----	----	----	28.4	A			29.6	A			29.6	A			29.4	A		
Queens Mirror Cir. to Crystal Bowl Cir.	----	----	----	----	----	----	----	----	14.0	C			15.1	C			9.3	D			10.2	D		
Crystal Bowl Cir. to Seminola Blvd.	----	----	----	----	----	----	----	----	19.7	B	20.7	B	19.1	B	21.3	B	18.9	C	19.0	C	17.2	C	18.9	C
Seminola Blvd. to SR 434	----	----	----	----	----	----	----	----	22.5	B	22.5	B	UNDER CONSTRUCTION				23.7	B	23.7	B	21.5	B	21.5	B
Average											21.5	B			21.3	B			20.8	B			19.9	B
PM PEAK HOUR																								
Red Bug Lake Rd. to Wilshire Dr.	----	----	----	----	----	----	----	----	23.6	B			23.1	B			22.3	B			22.1	B		
Wilshire Dr. to Queens Mirror Cir.	----	----	----	----	----	----	----	----	22.4	B			30.2	A			22.4	B			27.8	A		
Queens Mirror Cir. to Crystal Bowl Cir.	----	----	----	----	----	----	----	----	17.7	C			18.5	C			15.8	C			17.3	C		
Crystal Bowl Cir. to Seminola Blvd.	----	----	----	----	----	----	----	----	22.8	B	21.9	B	17.8	C	21.8	B	18.9	C	20.0	B	20.2	B	22.1	B
Seminola Blvd. to SR 434	----	----	----	----	----	----	----	----	21.4	B	21.4	B	UNDER CONSTRUCTION				24.1	B	24.1	B	20.0	B	20.0	B
Average											21.7	B			21.8	B			21.6	B			21.1	B

TABLE C64.1b
Year 2014 Seminole County Travel Time & Delay Study
Winter Park Drive - Southbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
SR 434 to Seminola Blvd.	1.68	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Red Bug Lake Rd. to Wilshire Dr.	0.35	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Wilshire Dr. to Queens Mirror Cir.	0.71	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Queens Mirror Cir. to Crystal Bowl Cir.	0.28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Crystal Bowl Cir. to Seminola Blvd.	0.77	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
SR 434 to Seminola Blvd.	1.68	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Red Bug Lake Rd. to Wilshire Dr.	0.35	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Wilshire Dr. to Queens Mirror Cir.	0.71	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Queens Mirror Cir. to Crystal Bowl Cir.	0.28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Crystal Bowl Cir. to Seminola Blvd.	0.77	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR																								
SR 434 to Seminola Blvd.	----	----	----	----	----	----	----	----	19.5	B	19.5	B	UNDER CONSTRUCTION				20.0	B	20.0	B	17.3	C	17.3	C
Red Bug Lake Rd. to Wilshire Dr.	----	----	----	----	----	----	----	----	25.7	A			28.0	A			24.8	B			26.2	A		
Wilshire Dr. to Queens Mirror Cir.	----	----	----	----	----	----	----	----	18.9	C			16.2	C			17.9	C			15.7	C		
Queens Mirror Cir. to Crystal Bowl Cir.	----	----	----	----	----	----	----	----	26.1	A			25.7	A			26.8	A			27.0	A		
Crystal Bowl Cir. to Seminola Blvd.	----	----	----	----	----	----	----	----	8.2	E	18.4	C	8.7	E	18.7	C	6.8	E	16.9	C	13.6	C	21.3	B
Average											18.9	C			18.7	C			18.2	C			19.3	B
PM PEAK HOUR																								
SR 434 to Seminola Blvd.	----	----	----	----	----	----	----	----	20.4	B	20.4	B	UNDER CONSTRUCTION				19.1	B	19.1	B	19.8	B	19.8	B
Red Bug Lake Rd. to Wilshire Dr.	----	----	----	----	----	----	----	----	27.8	A			28.5	A			29.6	A			28.0	A		
Wilshire Dr. to Queens Mirror Cir.	----	----	----	----	----	----	----	----	27.5	A			21.8	B			26.2	A			24.3	B		
Queens Mirror Cir. to Crystal Bowl Cir.	----	----	----	----	----	----	----	----	26.6	A			25.2	A			25.7	A			28.2	A		
Crystal Bowl Cir. to Seminola Blvd.	----	----	----	----	----	----	----	----	6.9	E	18.3	C	7.4	E	18.3	C	7.4	E	19.0	C	10.6	D	21.7	B
Average											19.2	B			18.3	C			19.0	B			20.8	B

TABLE C65.1a
Year 2014 Seminole County Travel Time & Delay Study
Derbyshire Road - Eastbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
Spartan Dr. to Birchwood Dr.	0.12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Birchwood Dr. to Derbyshire Rd.	0.24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Derbyshire Rd. to Oxford Rd.	0.59	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Oxford Rd to Kewannee Tr.	0.53	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Kewannee Tr. to SR 436	0.84	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
Spartan Dr. to Birchwood Dr.	0.12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Birchwood Dr. to Derbyshire Rd.	0.24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Derbyshire Rd. to Oxford Rd.	0.59	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Oxford Rd to Kewannee Tr.	0.53	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Kewannee Tr. to SR 436	0.84	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Distance (mile)	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS
AM PEAK HOUR																	
Spartan Dr. to Birchwood Dr.	0.12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Birchwood Dr. to Derbyshire Rd.	0.24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Derbyshire Rd. to Oxford Rd.	0.59	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Oxford Rd to Kewannee Tr.	0.53	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Kewannee Tr. to SR 436	0.84	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
Spartan Dr. to Birchwood Dr.	0.12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Birchwood Dr. to Derbyshire Rd.	0.24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Derbyshire Rd. to Oxford Rd.	0.59	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Oxford Rd to Kewannee Tr.	0.53	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Kewannee Tr. to SR 436	0.84	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Distance (mile)	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR									
Spartan Dr. to Birchwood Dr.	0.12	18.5	C	18.5	C	18.0	C	18.0	C
Birchwood Dr. to Derbyshire Rd.	0.24	19.7	B			20.0	B		
Derbyshire Rd. to Oxford Rd.	0.59	23.1	B			18.7	C		
Oxford Rd to Kewannee Tr.	0.53	22.6	B			17.6	C		
Kewannee Tr. to SR 436	0.84	15.4	C	19.0	C	20.3	B	19.1	B
Average				19.0	C			19.1	B
PM PEAK HOUR									
Spartan Dr. to Birchwood Dr.	0.12	18.5	C	18.5	C	19.5	B	19.5	B
Birchwood Dr. to Derbyshire Rd.	0.24	19.2	B			21.8	B		
Derbyshire Rd. to Oxford Rd.	0.59	23.0	B			19.7	B		
Oxford Rd to Kewannee Tr.	0.53	22.6	B			17.5	C		
Kewannee Tr. to SR 436	0.84	15.5	C	19.0	C	20.0	B	19.4	B
Average				19.0	C			19.4	B

TABLE C65.1b
Year 2014 Seminole County Travel Time & Delay Study
Derbyshire Road - Westbound Direction Historical Summary

Roadway Segments	Distance (mile)	Year 2005 Rdwy Segment Average Speed (mph)	Year 2005 Rdwy Segment LOS	Year 2005 Rdwy Section Average Speed (mph)	Year 2005 Rdwy Section LOS	Year 2006 Rdwy Segment Average Speed (mph)	Year 2006 Rdwy Segment LOS	Year 2006 Rdwy Section Average Speed (mph)	Year 2006 Rdwy Section LOS	Year 2007 Rdwy Segment Average Speed (mph)	Year 2007 Rdwy Segment LOS	Year 2007 Rdwy Section Average Speed (mph)	Year 2007 Rdwy Section LOS	Year 2008 Rdwy Segment Average Speed (mph)	Year 2008 Rdwy Segment LOS	Year 2008 Rdwy Section Average Speed (mph)	Year 2008 Rdwy Section LOS
AM PEAK HOUR																	
SR 436 to Kewanee Tr.	0.84	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Kewanee Tr. to Oxford Rd.	0.53	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Oxford Rd. to Derbyshire Rd.	0.59	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Derbyshire Rd. to Birchwood Dr.	0.24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Birchwood Dr. to Spartan Dr.	0.12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
SR 436 to Kewanee Tr.	0.84	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Kewanee Tr. to Oxford Rd.	0.53	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Oxford Rd. to Derbyshire Rd.	0.59	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Derbyshire Rd. to Birchwood Dr.	0.24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Birchwood Dr. to Spartan Dr.	0.12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Distance (mile)	Year 2009 Rdwy Segment Average Speed (mph)	Year 2009 Rdwy Segment LOS	Year 2009 Rdwy Section Average Speed (mph)	Year 2009 Rdwy Section LOS	Year 2010 Rdwy Segment Average Speed (mph)	Year 2010 Rdwy Segment LOS	Year 2010 Rdwy Section Average Speed (mph)	Year 2010 Rdwy Section LOS	Year 2011 Rdwy Segment Average Speed (mph)	Year 2011 Rdwy Segment LOS	Year 2011 Rdwy Section Average Speed (mph)	Year 2011 Rdwy Section LOS	Year 2012 Rdwy Segment Average Speed (mph)	Year 2012 Rdwy Segment LOS	Year 2012 Rdwy Section Average Speed (mph)	Year 2012 Rdwy Section LOS
AM PEAK HOUR																	
SR 436 to Kewanee Tr.	0.84	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Kewanee Tr. to Oxford Rd.	0.53	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Oxford Rd. to Derbyshire Rd.	0.59	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Derbyshire Rd. to Birchwood Dr.	0.24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Birchwood Dr. to Spartan Dr.	0.12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	
PM PEAK HOUR																	
SR 436 to Kewanee Tr.	0.84	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Kewanee Tr. to Oxford Rd.	0.53	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Oxford Rd. to Derbyshire Rd.	0.59	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Derbyshire Rd. to Birchwood Dr.	0.24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Birchwood Dr. to Spartan Dr.	0.12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Average																	

Roadway Segments	Distance (mile)	Year 2013 Rdwy Segment Average Speed (mph)	Year 2013 Rdwy Segment LOS	Year 2013 Rdwy Section Average Speed (mph)	Year 2013 Rdwy Section LOS	Year 2014 Rdwy Segment Average Speed (mph)	Year 2014 Rdwy Segment LOS	Year 2014 Rdwy Section Average Speed (mph)	Year 2014 Rdwy Section LOS
AM PEAK HOUR									
SR 436 to Kewanee Tr.	0.84	23.8	B			21.4	B		
Kewanee Tr. to Oxford Rd.	0.53	20.6	B			17.7	C		
Oxford Rd. to Derbyshire Rd.	0.59	22.8	B			20.6	B		
Derbyshire Rd. to Birchwood Dr.	0.24	18.9	C	22.1	B	19.7	B	20.0	B
Birchwood Dr. to Spartan Dr.	0.12	18.0	C	18.0	C	15.3	C	15.3	C
Average				21.9	B			19.7	B
PM PEAK HOUR									
SR 436 to Kewanee Tr.	0.84	23.7	B			22.0	B		
Kewanee Tr. to Oxford Rd.	0.53	22.1	B			17.4	C		
Oxford Rd. to Derbyshire Rd.	0.59	22.8	B			20.2	B		
Derbyshire Rd. to Birchwood Dr.	0.24	17.3	C	22.2	B	19.7	B	20.0	B
Birchwood Dr. to Spartan Dr.	0.12	15.7	C	15.7	C	15.3	C	15.3	C
Average				21.7	B			19.7	B

APPENDIX E

Summary of Concurrency Database Showing Roadway Sections Operating at LOS E and LOS F

Year 2014 Concurrency Database : Roadway Sections Operating at LOS E and LOS F

SegmentID	SegmentKey	Roadway	FromRoadway	ToRoadway	LOS_EB_NB_AM_14	LOS_EB_NB_PM_14	LOS_WB_SB_AM_14	LOS_WB_SB_PM_14
2934	PSP90	PALM SPRINGS DR	E CENTRAL PKWY	E ALTAMONTE DR (SR 436)	C	C	E	E
2935	RBL05	RED BUG LAKE RD	SR 436	EAGLE CIR	A	A	E	E
2945	RNH40	RINEHART RD	ANDERSON LN	W LAKE MARY BLVD	B	A	D	E
2950	S2605	ALOMA AVE	OLD HOWELL BRANCH RD	HOWELL BRANCH RD	D	E	A	A
2958	S2690	W BROADWAY ST	N LAKE JESSUP AVE	N CENTRAL AVE (SR 434)	F	F	D	C
2961	S3410	N SR 434	WEST TOWN PKWY	W SR 436	D	E	C	C
2964	S3425	W SR 434	WEKIVA SPRINGS RD / MONTGOMERY RD	DOUGLAS AVE	E	C	B	B
2965	S3430	W SR 434	DOUGLAS AVE	I-4 EAST RAMP	E	D	C	C
2966	S3435	W SR 434	I-4 EAST RAMP	RAYMOND AVE	B	D	F	F
2967	S3440	W SR 434	RAYMOND AVE	PALM SPRINGS DR	C	D	C	F
2976	S3485	S CENTRAL AVE	BROADWAY ST (W SR 426 / CR 416)	MITCHELL HAMMOCK RD	E	E	D	E
2980	S3610	E SR 436	S HUNT CLUB BLVD	BEAR LAKE RD	A	A	B	F
2983	S3625	W SR 436	MONTGOMERY RD	DOUGLAS AVE / WYMORE RD	E	E	A	B
2984	S3630	E ALTAMONTE DR	DOUGLAS AVE / WYMORE RD	I-4 EAST RAMP	B	F	B	D
2985	S3635	E ALTAMONTE DR	I-4 EAST RAMP	NORTHLAKE BLVD	C	E	F	F
2986	S3640	E ALTAMONTE DR	NORTHLAKE BLVD	PALM SPRINGS DR	D	E	D	F
2987	S3645	E ALTAMONTE DR	PALM SPRINGS DR	MAITLAND AVE	C	B	E	B
2990	S3670	SR 436	S US HWY 17-92	RED BUG LAKE RD	C	E	D	C
2991	S3680	SR 436	RED BUG LAKE RD	LAKE HOWELL RD	C	D	E	F
2992	S3690	SR 436	LAKE HOWELL RD	HOWELL BRANCH RD	E	F	A	D
2993	S3695	SR 436	HOWELL BRANCH RD	ORANGE COUNTY LINE	B	B	E	D
3001	S4660	E 25TH ST	US HWY 17-92 (S FRENCH AVE)	SANFORD AVE (CR 425)	E	E	C	E
3004	S4675	E SR 46	BEARDALL AVE	SR 415	E	B	A	A
3019	U1705	S US HWY 17-92	LAKE OF THE WOODS BLVD	E ALTAMONTE DR (SR 436)	E	F	C	B
3020	U1710	S US HWY 17-92	E ALTAMONTE DR (SR 436)	TRIPLET LAKE DR	B	B	E	D
3033	U1795	NW US HWY 17-92	MONROE RD (CR 15)	VOLUSIA CO LINE	A	A	F	F
3041	WYM50	WYMORE RD	S WESTMONTE DR	W SR 436	F	F	A	A
3043	NOR60	NORTH ST	RAILROAD TRACK	S RONALD REAGAN BLVD (CR 427)	E	D	B	B
3044	SLK20	SAND LAKE RD	W LAKE BRANTLEY RD	N SR 434	E	D	B	C
3045	DUG05	COMMERCE PARK DR	W SR 434	MARKHAM WOODS RD	F	F	C	C
3046	MRW95	DOUGLAS AVE	W SR 434	OLD DOUGLAS AVE	F	F	C	C
3052	LKW50	LOCKWOOD BLVD	E MITCHELL HAMMOCK RD	CR 419	F	F	D	F
3056	OXD50	OXFORD RD	FERNWOOD BLVD	SR 436	D	E	B	C
3057	SLV10	SLAVIA RD	RED BUG LAKE RD	W SR 426	E	D	E	C
2807	C1500	MONROE RD	NW US HWY 17-92	ORANGE BLVD (CR 431)	C	C	C	F
2828	C2720	S RONALD REAGAN BLVD	NORTH ST	DOG TRACK RD	C	F	E	D
2829	C2730	S RONALD REAGAN BLVD	DOG TRACK RD	SR 434	D	F	B	A
2833	C2770	N RONALD REAGAN BLVD	S COUNTRY CLUB RD (CR 15)	N US HWY 17-92	E	C	B	A
2834	C2780	N RONALD REAGAN BLVD	N US HWY 17-92	E COUNTY HOME RD	A	A	D	E
2836	C3110	ORANGE BLVD	CR 46A	MARKHAM RD	A	A	F	B
2850	C4650	CR 46A	RINEHART RD	I-4	F	D	B	B
2851	C4660	CR 46A	I-4	INTERNATIONAL PKWY	F	E	F	F
2852	C4670	CR 46A	INTERNATIONAL PKWY	ORANGE BLVD (CR 431)	F	F	D	D
2854	CHP50	W CHAPMAN RD	WESTMINSTER TER	ALAFAYA TRL (SR 434)	E	D	B	A
2858	DEN00	DEAN RD	W SR 426	W MCCULLOCH RD (ORANGE CO LINE)	C	E	B	B
2865	DOG10	DOG TRACK RD	S RONALD REAGAN BLVD (CR 427)	S US HWY 17-92	D	E	B	A
2868	DUG90	DOUGLAS AVE	W CENTRAL PKWY	W SR 436	D	D	E	D
2870	EDN10	EDEN PARK AVE	BUNNELL RD	MAITLAND BLVD (SR 414) (ORANGE CO LINE)	A	B	D	E
2879	HBR00	HOWELL BRANCH RD	ORANGE CO LINE	LAKE HOWELL RD	D	F	A	A
2894	LKE05	LAKE EMMA RD	W LAKE MARY BLVD	LAKE MARY CENTRE (FLAGG LN)	F	F	C	A
2895	LKE20	LAKE EMMA RD	LAKE MARY CENTRE (FLAGG LN)	GREENWOOD BLVD	D	E	B	D

Year 2014 Concurrency Database : Roadway Sections Operating at LOS E and LOS F

SegmentID	SegmentKey	Roadway	FromRoadway	ToRoadway	LOS_EB_NB_AM_14	LOS_EB_NB_PM_14	LOS_WB_SB_AM_14	LOS_WB_SB_PM_14
2899	LKH10	LAKE HOWELL RD	SR 436	TUSCARORA TRL	B	E	B	B
2900	LKH50	LAKE HOWELL RD	TUSCARORA TRL	HOWELL BRANCH RD	D	E	D	D
2903	LKM10	W LAKE MARY BLVD	I-4	LAKE EMMA RD	F	F	C	A
2904	LKM15	W LAKE MARY BLVD	LAKE EMMA RD	RINEHART RD	D	E	D	D
2907	LKM40	W LAKE MARY BLVD	N COUNTRY CLUB RD (CR 15)	SIR LAWRENCE DR	A	A	D	E
2909	LKM60	W LAKE MARY BLVD	HIDDEN LAKE DR	N US HWY 17-92	F	E	A	C
2911	LKM75	E LAKE MARY BLVD	SR 417	S SANFORD AVE (CR 425)	D	D	D	E

APPENDIX F

Data Collection Equipment Specifications

QStarz Travel Recorder X Data Collection Equipment (Source: Qstarz International Co., Ltd.)

Features

- Adopt MTK chipset with high sensitivity -158dBm and 51-Channel tracking
- Lower power consumption up to 32hrs for travel recording
- Stand-Alone travel recorder to log over 100,000 records
- Easily switch Travel Recorder to LOG mode or NAV mode (Navigation + Log)
- Provide Qstarz setup tool with friendly UI to download data from Travel Recorder
- Support Multi-mode setting to record data Vehicle, Bicycle, Jog)
- Support button push manually to memorize your location immediately
- Draw your navigation path immediately on Google Earth as default
- Active NMEA protocol VTG / GLL manually via Qstarz setup tool.
- Backup your travel record as CSV / NMEA / Google Earth file format.
- Fast Position Fix ,Cold start 36s, Warm start 33s,Hot start 1s
- WAAS+EGNOS support
- Auto On-Off function for smart power control
- Personal/Portable Navigation (PDA, Smartphone, PC, etc.)

Specifications

General		Accuracy (none DGPS)	
GPS Chip	MTK GPS Module	Position	
Frequency	L1, 1575.42MHz	Without aid: 3.0m 2D-RMS<3m CEP(50%) without SA(horizontal)DGPS (WAAS, EGNOS, MSAS): 2.5m	
C/A Code	1.023MHz chip rate	Velocity	Without aid: 0.1m/s, DGPS(WAAS, EGNOS, MSAS, RTCM): 0.05m/s
Channels	51-CH Performance tracking	Time	50 ns RMS
Antenna (Internal)	Built-in patch antenna with LNA	Datum	WGS-84
Sensitivity		**Dynamic Conditions**	
Tracking -158 dBm		Altitude	<18,000m
Acquisition Rate		Velocity	<515m/sec
Cold Start	36 sec, average	Acceleration	<4g
Warm Start	33 sec, average	Update	1Hz as default
Hot Start	1 sec, average	**Interface**	
Reacquisition	< 1 sec.	Bluetooth	V1.2 compliant (SPP profile)
Power			Class 2 (15 meters in open space)
Built-in rechargeable Li-ion battery			Frequency: 2.4~2.4835 GHz
Input Voltage	Vin: DC 3.0-5.0V	Power On/Off	Slide switch
Backup Voltage	DC 1.2 ± 10%	Power Charge	Mini USB
Charging time	3hrs. (Typical)	**GPS Protocol**	
Environmental		NMEA-0183 (V3.01) – GGA, GSA,GSV, RMC(default); VTG, GLL(Optional), Baud rate 115200 bps, Data bit : 8, stop bit : 1(Default)	
Operating Temperature	- 10 ℃ to + 60 ℃		
Storage Temperature	- 20 ℃ to + 60 ℃		
Charging	0 ℃ to + 45 ℃	**Device Size**	
Accessories		72.2 (L) X 46.5 (W) X 20 (H) mm	
110~220V Power Adapter	USB Cable	**USB Bridge**	
Car Charger	Driver CD	S and rd	Fully Compliant with USB2.0
Rechargeable Bat ery	Quick Guide	Full - Speed	12Mbps