

TABLE C42.1a
Year 2017 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 | | Roadway Section | | Roadway Summary | |
|--|-------------------|---------------|------------------------|-------------------|------------------|---------------|-----------------|-----|-----------------|-----|------------------|--------------------|
| | | | | | | | Average Speed | | Average Speed | | Avg. Speed (mph) | Avg. Fuel Consump. |
| | | | | | | | (mph) | LOS | (mph) | LOS | | |
| AM PEAK HOUR | | | | | | | | | | | | |
| Markham Woods Rd. to Sunshine Tree Blvd. | 35 | 1,109 | SS Stop | 24.0 | 0.0 | II | 31.5 | A | | | | |
| Sunshine Tree Blvd. to I-4 | 35 | 739 | SS Stop | 15.6 | 0.0 | II | 32.3 | A | | | | |
| I-4 to Foxridge Run Rd. | 35 | 950 | SS Stop | 19.2 | 0.0 | II | 33.7 | A | | | | |
| Foxridge Run Rd. to Tollgate Trail | 35 | 792 | SS Stop | 16.8 | 0.0 | II | 32.1 | A | 32.4 | A | | |
| Tollgate Trail to Woodlands Elementary | 35 | 475 | Signal | 30.0 | 16.8 | II | 10.8 | E | | | | |
| Woodlands Elementary to Marcy Blvd. | 35 | 739 | SS Stop | 20.4 | 0.0 | II | 24.7 | B | | | | |
| Marcy Blvd. to Myrtle Lake Hills Rd. | 35 | 475 | SS Stop | 22.2 | 8.4 | II | 14.6 | D | | | | |
| Myrtle Lake Hills Rd. to Rangeline Rd. | 35 | 1,795 | Signal | 108.6 | 58.8 | II | 11.3 | E | 13.1 | D | | |
| Range Line Rd. to Lake Emma Road | 35 | 1,267 | Signal | 47.4 | 9.0 | II | 18.2 | C | 18.2 | C | | |
| Lake Emma Road to Hearthstone Lane | 35 | 898 | SS Stop | 19.8 | 0.0 | II | 30.9 | A | | | | |
| Hearthstone Lane to Lazy Acres Lane | 35/30 | 2,482 | SS Stop | 58.8 | 0.0 | I | 28.8 | C | | | | |
| Lazy Acres Lane to CR 427 | 30 | 2,270 | Signal | 118.8 | 61.2 | II | 13.0 | D | 19.5 | C | | |
| TOTAL | | 13,992 | | 501.6 | 154.2 | | | | | | 19.0 | 0.097 gal/veh |
| PM PEAK HOUR | | | | | | | | | | | | |
| Markham Woods Rd. to Sunshine Tree Blvd. | 35 | 1,109 | SS Stop | 24.0 | 0.0 | II | 31.5 | A | | | | |
| Sunshine Tree Blvd. to I-4 | 35 | 739 | SS Stop | 15.6 | 0.0 | II | 32.3 | A | | | | |
| I-4 to Foxridge Run Rd. | 35 | 950 | SS Stop | 19.2 | 0.0 | II | 33.7 | A | | | | |
| Foxridge Run Rd. to Tollgate Trail | 35 | 792 | SS Stop | 16.2 | 0.0 | II | 33.3 | A | 32.6 | A | | |
| Tollgate Trail to Woodlands Elementary | 35 | 475 | Signal | 12.6 | 1.2 | II | 25.7 | B | | | | |
| Woodlands Elementary to Marcy Blvd. | 35 | 739 | SS Stop | 16.2 | 0.0 | II | 31.1 | A | | | | |
| Marcy Blvd. to Myrtle Lake Hills Rd. | 35 | 475 | SS Stop | 9.6 | 0.0 | II | 33.7 | A | | | | |
| Myrtle Lake Hills Rd. to Rangeline Rd. | 35 | 1,795 | Signal | 77.4 | 26.4 | II | 15.8 | D | 20.5 | C | | |
| Range Line Rd. to Lake Emma Road | 35 | 1,267 | Signal | 37.8 | 7.8 | II | 22.9 | B | 22.9 | B | | |
| Lake Emma Road to Hearthstone Lane | 35 | 898 | SS Stop | 18.6 | 0.0 | II | 32.9 | A | | | | |
| Hearthstone Lane to Lazy Acres Lane | 35/30 | 2,482 | SS Stop | 58.2 | 0.0 | I | 29.1 | C | | | | |
| Lazy Acres Lane to CR 427 | 30 | 2,270 | Signal | 73.8 | 4.8 | II | 21.0 | C | 25.6 | B | | |
| TOTAL | | 13,992 | | 379.2 | 40.2 | | | | | | 25.2 | 0.094 gal/veh |

TABLE C42.1b
Year 2017 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 | | Roadway Section | | Roadway Summary | |
|--|-------------------|---------------|------------------------|-------------------|------------------|---------------|-----------------|-----|-----------------|-----|------------------|--------------------|
| | | | | | | | Average Speed | | Average Speed | | Avg. Speed (mph) | Avg. Fuel Consump. |
| | | | | | | | (mph) | LOS | (mph) | LOS | | |
| AM PEAK HOUR | | | | | | | | | | | | |
| CR 427 to Lazy Acres Lane | 30 | 2,270 | SS Stop | 56.4 | 0.0 | II | 27.4 | B | | | | |
| Lazy Acres Lane to Hearthstone Lane | 30/35 | 2,482 | SS Stop | 58.2 | 0.0 | I | 29.1 | C | | | | |
| Hearthstone Lane to Lake Emma Road | 35 | 898 | Signal | 35.4 | 9.6 | I | 17.3 | E | 25.7 | C | | |
| Lake Emma Road to Rangeline Road | 35 | 1,267 | Signal | 46.2 | 10.8 | I | 18.7 | D | 18.7 | D | | |
| Range Line Road to Myrtle Lake Hills Rd. | 35 | 1,795 | Signal | 73.8 | 29.4 | I | 16.6 | E | | | | |
| Myrtle Lake Hills Rd. to Marcy Blvd. | 35 | 475 | SS Stop | 23.4 | 9.6 | I | 13.8 | F | | | | |
| Marcy Blvd. to Woodlands Elementary | 35 | 739 | Signal | 43.8 | 20.4 | I | 11.5 | F | | | | |
| Woodlands Elementary to Tollgate Trail | 35 | 475 | SS Stop | 9.6 | 0.0 | I | 33.7 | B | 15.8 | E | | |
| Tollgate Trail to Foxridge Run Rd. | 35 | 792 | SS Stop | 16.2 | 0.0 | I | 33.3 | B | | | | |
| Foxridge Run Rd. to I-4 | 35 | 950 | SS Stop | 19.2 | 0.0 | I | 33.7 | B | | | | |
| I-4 to Sunshine Tree Blvd. | 35 | 739 | SS Stop | 15.6 | 0.0 | I | 32.3 | B | | | | |
| Sunshine Tree Blvd. to Markham Woods Rd. | 35 | 1,109 | Signal | 45.6 | 20.4 | I | 16.6 | E | 25.3 | C | | |
| TOTAL | | 13,992 | | 443.4 | 100.2 | | | | | | 21.5 | 0.097 gal/veh |
| PM PEAK HOUR | | | | | | | | | | | | |
| CR 427 to Lazy Acres Lane | 30 | 2,270 | SS Stop | 55.8 | 0.0 | II | 27.7 | B | | | | |
| Lazy Acres Lane to Hearthstone Lane | 30/35 | 2,482 | SS Stop | 62.4 | 0.6 | I | 27.1 | C | | | | |
| Hearthstone Lane to Lake Emma Road | 35 | 898 | Signal | 55.8 | 9.0 | I | 11.0 | F | 22.1 | D | | |
| Lake Emma Road to Rangeline Road | 35 | 1,267 | Signal | 54.0 | 15.6 | I | 16.0 | E | 16.0 | E | | |
| Range Line Road to Myrtle Lake Hills Rd. | 35 | 1,795 | Signal | 38.4 | 0.0 | I | 31.9 | B | | | | |
| Myrtle Lake Hills Rd. to Marcy Blvd. | 35 | 475 | SS Stop | 9.6 | 0.0 | I | 33.7 | B | | | | |
| Marcy Blvd. to Woodlands Elementary | 35 | 739 | Signal | 19.8 | 0.6 | I | 25.5 | C | | | | |
| Woodlands Elementary to Tollgate Trail | 35 | 475 | SS Stop | 9.0 | 0.0 | I | 36.0 | B | 30.9 | C | | |
| Tollgate Trail to Foxridge Run Rd. | 35 | 792 | SS Stop | 16.2 | 0.0 | I | 33.3 | B | | | | |
| Foxridge Run Rd. to I-4 | 35 | 950 | SS Stop | 19.2 | 0.0 | I | 33.7 | B | | | | |
| I-4 to Sunshine Tree Blvd. | 35 | 739 | SS Stop | 24.0 | 6.0 | I | 21.0 | D | | | | |
| Sunshine Tree Blvd. to Markham Woods Rd. | 35 | 1,109 | Signal | 56.4 | 21.6 | I | 13.4 | F | 21.1 | D | | |
| TOTAL | | 13,992 | | 420.6 | 53.4 | | | | | | 22.7 | 0.096 gal/veh |