

COMPONENTS OF CONTRACT PLANS SET
ROADWAY PLANS

A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF DRAINAGE PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SUMMARY OF PAY ITEMS
3	TYPICAL SECTIONS
4	GENERAL NOTES
5	PLAN SHEET
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7-9	CROSS SECTIONS
10	EROSION CONTROL PLAN
11	SIGNING AND PAVEMENT MARKING PLAN
SQ-1 - SQ-3	SUMMARY OF QUANTITIES

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2023-24 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY 2023-24 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

BOARD OF COUNTY COMMISSIONERS

BOB DALLARI	DISTRICT 1
JAY ZEMBOWER	DISTRICT 2
LEE CONSTANTINE	DISTRICT 3
AMY LOCKHART	DISTRICT 4
ANDRIA HERR	DISTRICT 5

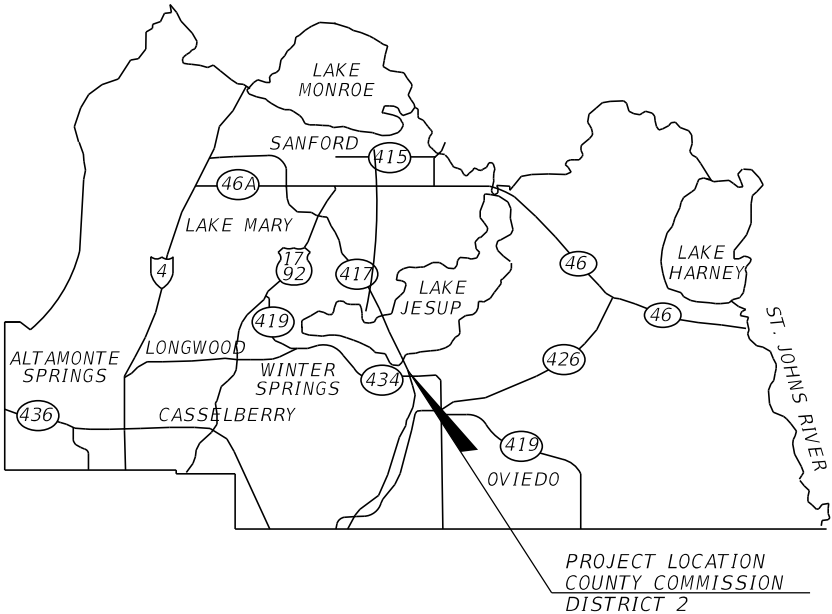
DARREN GRAY , COUNTY MANAGER

SEMINOLE COUNTY
ENGINEERING DIVISION

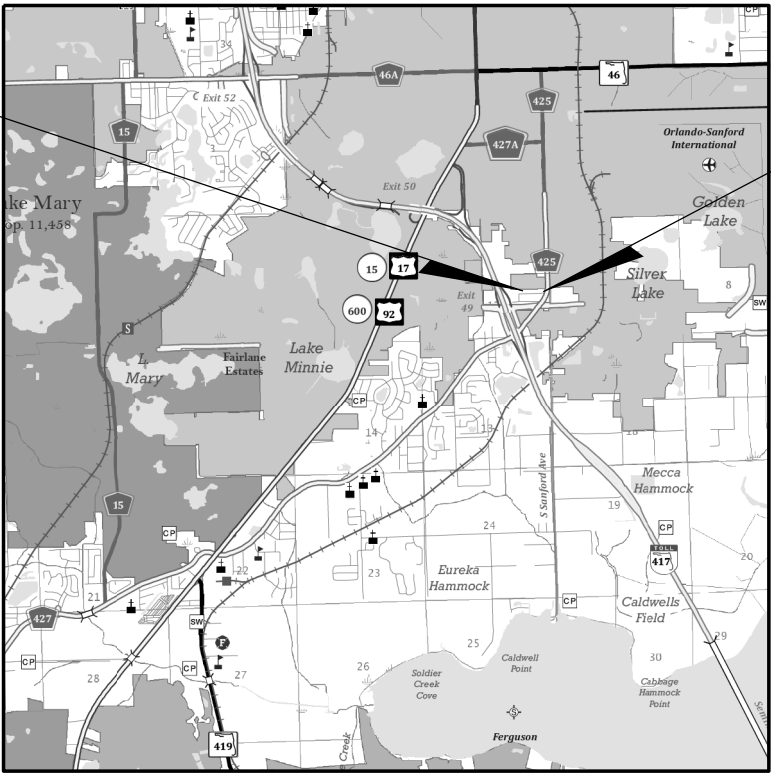
CONTRACT PLANS



TUCKER DRIVE SIDEWALK
SEMINOLE COUNTY CIP No.



END PROJECT
± CONST. TUCKER DRIVE
STA. 15+15.97



BEGIN PROJECT
± CONST. TUCKER DRIVE
STA. 10+52.88

ROADWAY PLANS
ENGINEER OF RECORD:

SEMINOLE COUNTY PUBLIC WORKS ENGINEERING
ENGINEER OF RECORD DINO LUCARELLI, P.E.
100 E FIRST STREET
SANFORD, FL 32771
(407) 665-5661

COUNTY PROJECT MANAGER:

HAROLD MCKNIGHT
Email:hmcknight@seminolecountyfl.gov

PUBLIC WORKS DIRECTOR: JEAN JREIJ, P.E.

FISCAL YEAR	SHEET NO.
24	1

SUMMARY OF PAY ITEMS			
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY
101 1	MOBILIZATION	LS	1
102 1	MAINTENANCE OF TRAFFIC	LS	1
102 99	CHANGEABLE VARIABLE MESSAGE SIGN (TEMPORARY)	DA	40
104 10 3	SEDIMENT BARRIER	LF	864
110 1 1	CLEARING & GRUBBING	LS	1
110 4 10	REMOVAL OF EXISTING CONCRETE	SY	144
110 7 2	MAILBOX, RELOCATE EXISTING, STANDARD SINGLE	EA	3
120 1	REGULAR EXCAVATION	CY	70.0
120 6	EMBANKMENT	CY	41.0
327 70 6	MILLING EXISTING ASPHALT PAVEMENT, (1.5" AVG DEPTH)	SY	1201
337 7 83	ASPHALTIC CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	99.1
520 1 8	CONCRETE CURB AND GUTTER, (MIAMI)	LF	741
520 1 10	CONCRETE CURB AND GUTTER, (TYPE F)	LF	210
522 1	CONCRETE SIDEWALK, 4"	SY	546
522 2	CONCRETE SIDEWALK, 6"	SY	112
527 2	DETECTABLE WARNING (PERFORMED THERMOPLASTIC)	SF	20
570 1 2	PERFORMANCE TURF (SOD)	SY	658
700 1 50	SINGLE POST SIGN, RELOCATE	AS	3
711 11 123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK	LF	183
711 11 125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE	LF	16
711 11 221	THERMOPLASTIC, STANDARD, YELLOW, SOILD	LF	882

PAY ITEM NOTES:

102-1 INCLUDES ALL ITEMS AND LABOR NECESSARY FOR THE IMPLEMENTATION OF THE TRAFFIC CONTROL PLAN DESIGNED BY THE CONTRACTOR AND APPROVED BY SEMINOLE COUNTY ENGINEERING. THE CONTRACTOR SHALL NOTIFY SURROUNDING RESIDENCES AND BUSINESSES OF THE CONSTRUCTION BY FLYER PROVIDED BY SEMINOLE COUNTY.

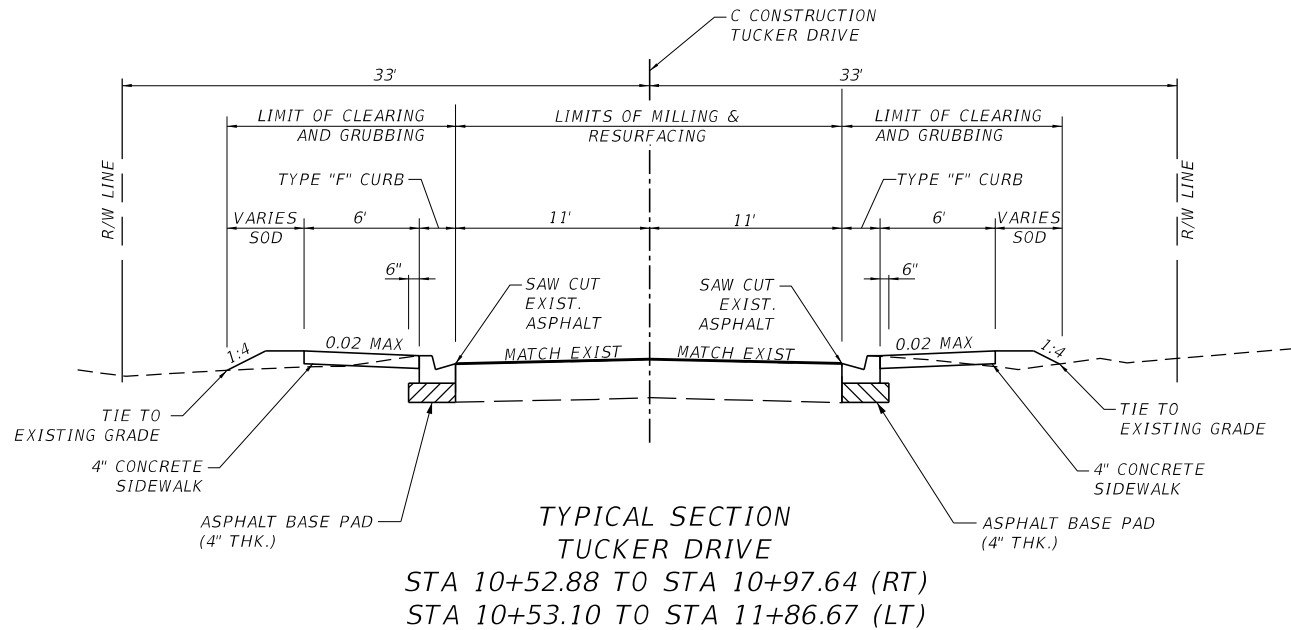
102-99 INCLUDES COST FOR 2 PCMS TO BE SET-UP 7 DAYS PRIOR TO CONSTRUCTION. CONTRACTOR TO COORDINATE LOCATION WITH SEMINOLE COUNTY PROJECT MANAGER.

110-1-1 INCLUDES THE COST OF REMOVAL AND DISPOSAL OF ALL OBSTRUCTIONS, VEGETATION, DEBRIS, TRIMMING OF TREES AND SHRUBS, ROOT REMOVAL, WALL, FENCES, DRAIN FIELDS PIPE, PAVEMENT, AND OTHER ITEMS, IN ORDER TO CONSTRUCT THE PROJECT. NO TREES ARE TO BE REMOVED WITHOUT THE APPROVAL FROM THE SEMINOLE COUNTY PROJECT MANAGER. ALSO INCLUDES THE CUTS FOR SAWCUTTING EXISTING PAVEMENT OR CONCRETE AND TREE PROTECTION BARRICADES.

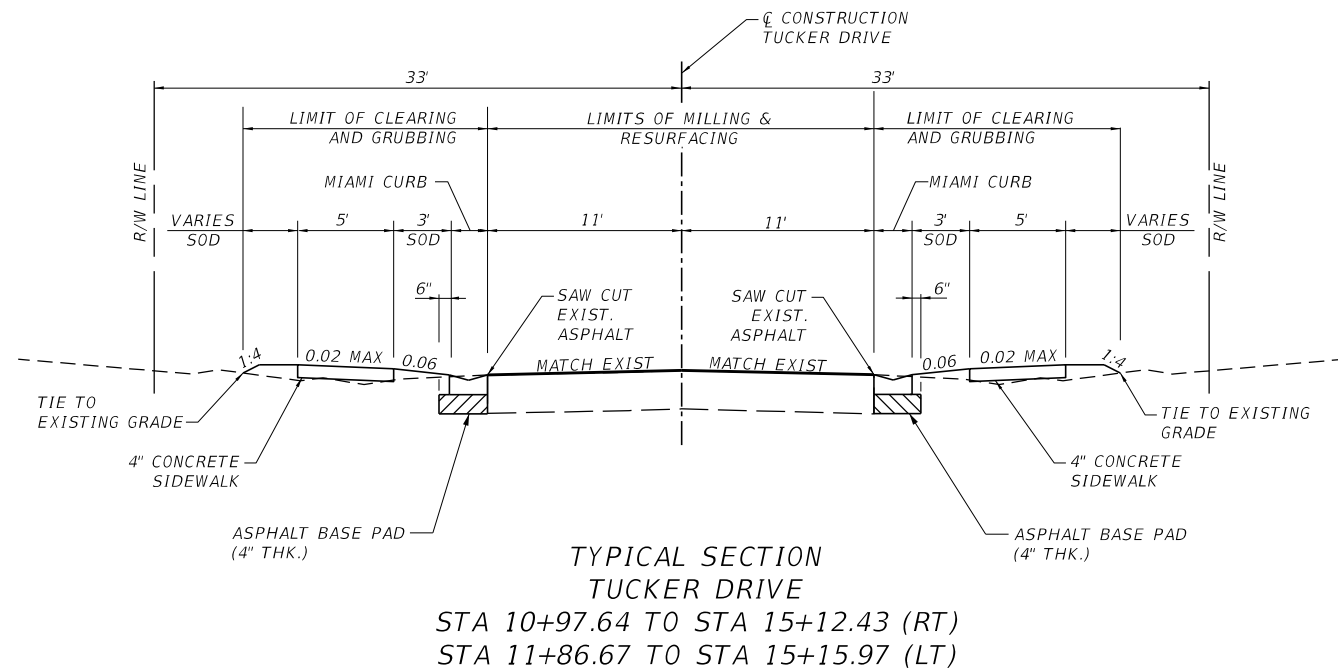
520-1-8 - THE COST OF ASPHALT BASE PAD TO BE INCLUDED IN COST OF TYPE F AND MIAMI CURB.
520-1-10

570-1-2 INCLUDES THE COST AND APPLICATION OF FERTILIZER AND WATER IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. INCLUDES THE COST OF SOD TO BE PLACED AS DIRECTED BY THE PROJECT MANAGER. TYPES OF SOD MAY VARY, CONTRACTOR TO MATCH EXISTING SOD.

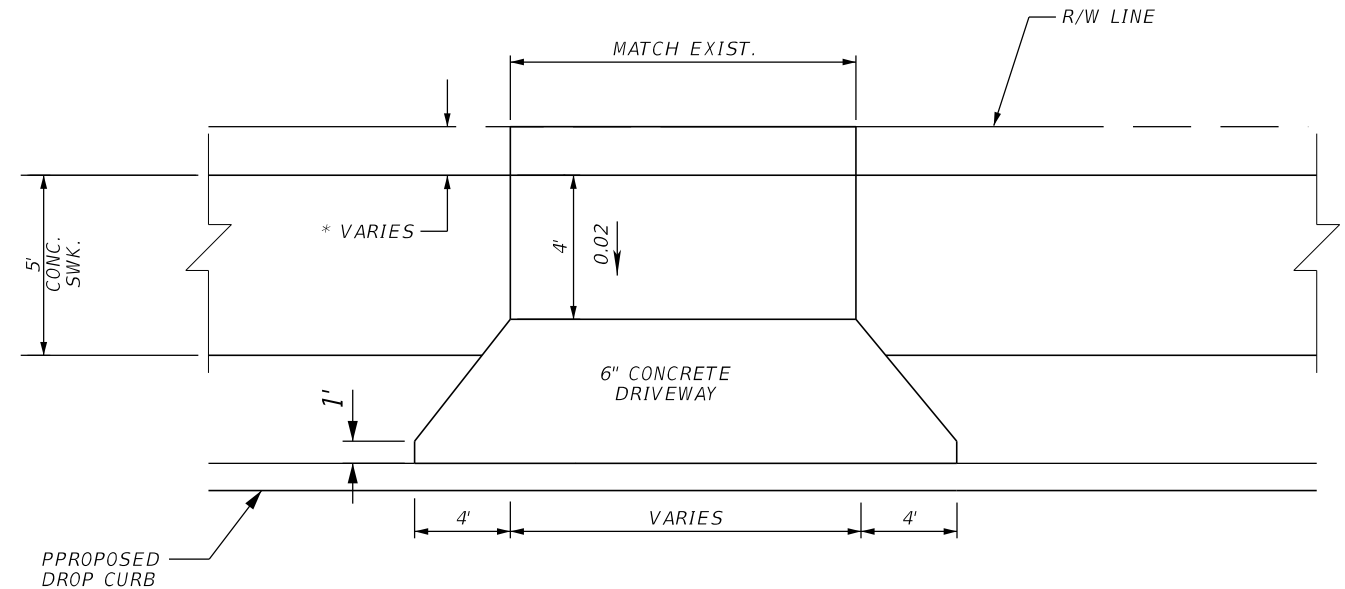
REVISIONS				 SEMINOLE COUNTY <small>FLORIDA'S NATURAL CHOICE</small>	SEMINOLE COUNTY ENGINEERING DIVISION DINO E. LUCARELLI P.E. No. 39556 100 East 1st. Street Sanford, FL 32771		SEMINOLE COUNTY ENGINEERING DIVISION ROADCOUNTY CIP No. TUCKER DRIVE		SUMMARY PF PAY ITEMS		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION								2



MILLING & RESURFACING
MILL EXISTING ASPHALT PAVEMENT (1 1/2" DEPTH),
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") (PG 76-22)



MILLING & RESURFACING
MILL EXISTING ASPHALT PAVEMENT (1 1/2" DEPTH),
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") (PG 76-22)



REFER TO CROSS SECTION FOR
DIMENSION AND PROPOSED GRADES

REVISIONS				 SEMINOLE COUNTY ENGINEERING DIVISION DINO E. LUCARELLI P.E. No. 39556 100 East 1st. Street Sanford, FL 32771	SEMINOLE COUNTY ENGINEERING DIVISION		TYPICAL SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		
					TUCKER DRIVE			3

PROJECT NOTES

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN DATUM OF 1988 (NAVD 88) AND FIELD SURVEY BY WSP DATED 07/27/2023.

2. ANY PUBLIC LAND CORNER OR COUNTY MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE SEMINOLE COUNTY SURVEYOR, SEMINOLE COUNTY PUBLIC WORKS DEPARTMENT IMMEDIATELY BY PHONE @ (407) 665-5647.

3. PROJECT STATIONS AND OFFSETS ARE BASED ON  SURVEY CELERY AVENUE.

4. ONE WEEK PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A "CONSTRUCTION PERMIT" FROM SEMINOLE COUNTY PUBLIC WORKS ENGINEERING DIVISION. CONTACT PERMIT COORDINATOR AT 100 E. FIRST STREET, SANFORD, FLORIDA 32773. TELEPHONE (407) 665-7336. NO FEES REQUIRED.

5. SPECIAL ATTENTION IS DIRECTED TO DESIGN STANDARD 304 & 310, AND STANDARD PLANS 522-001 AND 522-002.

6. ALL PERSONAL PROPERTY WITHIN THE RIGHT-OF-WAY SHALL BE RELOCATED BY THE PROPERTY OWNER OR IT SHALL BE REMOVED BY THE CONTRACTOR AS NECESSARY TO CONSTRUCT THE PROJECT IN ACCORDANCE WITH THE PLANS.

7. ALL PRIVATE AND PUBLIC PROPERTY AFFECTED BY THE CONSTRUCTION WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER, THAN THE EXISTING PRE-CONSTRUCTION CONDITION, UNLESS SPECIFICALLY EXEMPTED BY THE PLAN. COST TO BE INCIDENTAL TO CONSTRUCTION AND NO EXTRA COMPENSATION TO BE ALLOWED.

8. EXISTING UTILITY LOCATIONS SHOWN IN THE PLANS ARE ONLY APPROXIMATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL EXISTING UNDERGROUND UTILITIES LOCATED IN THE FIELD AND NOTIFY ALL UTILITY OWNERS WHETHER PUBLIC OR PRIVATE, WITH FACILITIES IN THE AREA OF CONSTRUCTION ACTIVITIES FOR POSSIBLE CONFLICTS AND COORDINATE ANY ADJUSTMENT AND/OR RELOCATION AS NECESSARY TO COMPLETE THE PROJECT. ALL NOTIFICATIONS TO BE MADE ONE WEEK PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. CONTACT SUNSHINE STATE ONE-CALL 1-800-432-4770.

9. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THE CURRENT STATE UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT AND/OR RELATED STATE LAW. THE FOLLOWING INFORMATION IS BEING PROVIDED BY SEMINOLE COUNTY IN AN EFFORT TO ASSIST THE CONTRACTOR BY LISTING UTILITIES THAT MAY PROVIDE SERVICE IN THE APPROXIMATE AREA OF THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHOULD ASSUME OTHER UTILITIES THAT ARE NOT LISTED BELOW MAY PROVIDE SERVICE IN THE APPROXIMATE AREA OF THE PROPOSED CONSTRUCTION.

UTILITY (CONTACT)

PHONE

AT&T DISTRIBUTION (KIRBY SPENCER)

CITY SANFORD WATER/RECLAIM (DEBORAH COLE)

DUKE ENERGY DISTRIBUTION (ROBB BROWN)

FLORIDA POWER & LIGHT (CHRISTOPHER BUONANNI)

SEMINOLE COUNTY UTILITIES (PAUL ZIMMERMAN)

UNITI FIBER (JAMES MOSLEY)

ZAYO GROUP (KATE PETERS)

(386) 366-4588

(407) 668-5000 EXT-5524

(352) 459-4671

(407) 328-1911

(407) 665-2021

(251) 654-8216

(815) 274-7274

10. GRADE SIDEWALK FOR POSITIVE DRAINAGE, CROSS SLOPE NOT TO EXCEED 1:50 (2%). NO SIDEWALK SHALL HAVE A LONGITUDINAL GRADE (SLOPE) GREATER THAT 1:20 (5%), CURB RAMPS SHALL NOT EXCEED 1:12 (8.33%).

11. THE CONTRACTOR MAY FIELD-ADJUST THE LOCATION OF THE SIDEWALK, AS NECESSARY, TO MAINTAIN 1-FEET OFFSET DISTANCE TO ALL FIXED OBSTACLES AND VERTICAL DROP-OFFS. ANY ADJUSTMENT MUST BE APPROVED BY SEMINOLE COUNTY ENGINEERING INSPECTOR PRIOR TO PLACEMENT OF ANY CONCRETE.

12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK ALL CONCRETE FORMS PRIOR TO CONCRETE BEING POURED AND CONFIRM THAT THE FINISHED SIDEWALK AND/OR CURB RAMP MEET ADA REQUIREMENTS AS INTENDED. FAILURE TO DO SO MAY RESULT IN THE REMOVAL AND REPLACEMENT OF THE CONCRETE AT THE CONTRACTOR'S EXPENSE.

13. A MINIMUM OF 2 FEET ON BOTH SIDES OF THE SIDEWALK SHALL BE RE-SODDED AND ALL DISTURBED AREAS WILL BE RE-SODDED TO MATCH THE EXISTING SOD TYPE, UNLESS OTHERWISE NOTED IN THE PLANS. SOD SHALL BE CERTIFIED "SODA APPLE FREE". SUBCONTRACTOR SHALL REMOVE AND REPLACE ANY AREAS AFFECTED FOR A PERIOD OF ONE YEAR FROM THE COMPLETION OF THE PROJECT.

14. SOIL MATERIALS USED FOR FILL OR GRADING ACTIVITIES SHALL BE APPROVED FOR USE BY THE SEMINOLE COUNTY ENGINEERING INSPECTOR PRIOR TO USE.

15. ANY GRASSED AREA OUTSIDE THE IMMEDIATE CONSTRUCTION AREA DISTURBED BY THE CONTRACTOR WILL BE SODDED AT THE CONTRACTOR'S EXPENSE. WITHIN 48 HOURS OF NOTIFICATION BY THE SEMINOLE COUNTY PROJECT MANAGER.

16. IRRIGATION LINES DAMAGED DURING CONSTRUCTION ARE TO BE CAPPED IMMEDIATELY AND REPORTED TO THE SEMINOLE COUNTY ENGINEER INSPECTOR. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND/OR REPLACE THE DAMAGED IRRIGATION COMPONENTS TO PRE-CONSTRUCTION CONDITION PRIOR TO COMPLETION OF THE PROJECT. COST TO BE INCLUDED IN 110-1-1.

17. THE CONTRACTOR SHALL NOTIFY THE SEMINOLE COUNTY PROJECT MANAGER FOR A FIELD INSPECTION 24 HOURS PRIOR TO PLACEMENT OF ANY CONCRETE.

18. THE TEST REQUIREMENTS FOR CLASS I CONCRETE WILL BE WAIVED UPON PRESENTATION TO THE SEMINOLE COUNTY ENGINEERING INSPECTOR WITH A WRITTEN CERTIFICATION FROM THE PLANT THAT THE CONCRETE IS A FDOT CLAS I MIX FOR 3000 PSI CONCRETE.

19. THE CONTRACTOR SHALL REMOVE AND DISPOSE PROPERLY OF ALL CONSTRUCTION DEBRIS PRIOR TO COMPLETION OF THE PROJECT.

20. SHRUBS AND TREES THAT CONFLICT WITH THE PROPOSED SIDEWALK SHALL BE REMOVED, UNLESS NOTED IN PLANS TO REMAIN. NO TREES ARE TO BE REMOVED WITHOUT THE APPROVAL FROM THE SEMINOLE COUNTY PROJECT MANAGER.

21. EXISTING DRAINAGE STRUCTURES TO REMAIN UNLESS OTHERWISE NOTED.

22. ANY DRAINAGE PROBLEMS, CREATED BY CONSTRUCTION OR EXISTING BEFORE CONSTRUCTION, THAT ARE NOT ALLEVIATED SHOULD BE BROUGHT TO THE ATTENTION OF THE SEMINOLE COUNTY ENGINEERING DIVISION PROJECT MANAGER.
- TEMPORARY TRAFFIC CONTROL NOTES
1. VEHICULAR AND PEDESTRIAN TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH FDOT STANDARD PLANS, INDEX 600 SERIES, AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS A MINIMUM.

2. SEMINOLE COUNTY IS ADMINISTERING THE CONSTRUCTION OF THIS PROJECT. IT IS THE COUNTY'S POLICIES TO PLACE THE RESPONSIBILITY FOR MAINTENANCE OF TRAFFIC DURING CONSTRUCTION ON THE CONTRACTOR. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT A TRAFFIC CONTROL PLAN SIGNED AND SEALED BY A STATE OF FLORIDA REGISTERED PROFESSIONAL ENGINEER TO THE COUNTY PRIOR TO BEGINNING THE PROJECT. THE APPLICATION AND REFERENCE OF SPECIFIC FDOT DESIGN STANDARD INDICES IS ACCEPTABLE.

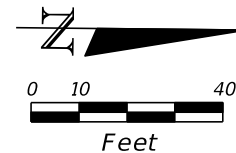
3. WORK HOURS ARE FROM 8:00 A.M. TO 5:00 P.M. MONDAY TO FRIDAY. WORK WILL NOT BE ALLOWED ON WEEKENDS OR HOLIDAYS OBSERVED BY SEMINOLE COUNTY.

4. USE CHANGEABLE MESSAGE SIGNS AT BEGIN AND END PROJECT 500' BEFORE SIGNAGE (7) DAYS PRIOR TO CONSTRUCTION AND FOR THE PROJECT DURATION COORDINATE LOCATION, WITH SEMINOLE COUNTY PROJECT MANAGER.
- | REVISIONS | | | | <div><div>SEMINOLE COUNTY
<small>FLORIDA'S NATURAL CHOICE</small></div></div> | SEMINOLE COUNTY
ENGINEERING DIVISION | | GENERAL NOTES | SHEET NO. | |
|-----------|-------------|------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--|---------------|----------------|--|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD | | | COUNTY CIP No. | |
| | | | | | TUCKER DRIVE | | | | |
| | | | | <div><div>SEMINOLE COUNTY
<small>FLORIDA'S NATURAL CHOICE</small></div></div> <div>SEMINOLE COUNTY
<u>ENGINEERING DIVISION</u>
DINO E. LUCARELLI
P.E. No. 39556
100 East 1st. Street
Sanford, FL 32771</div> | | | | 4 | |
- hmcknight

5/6/2024

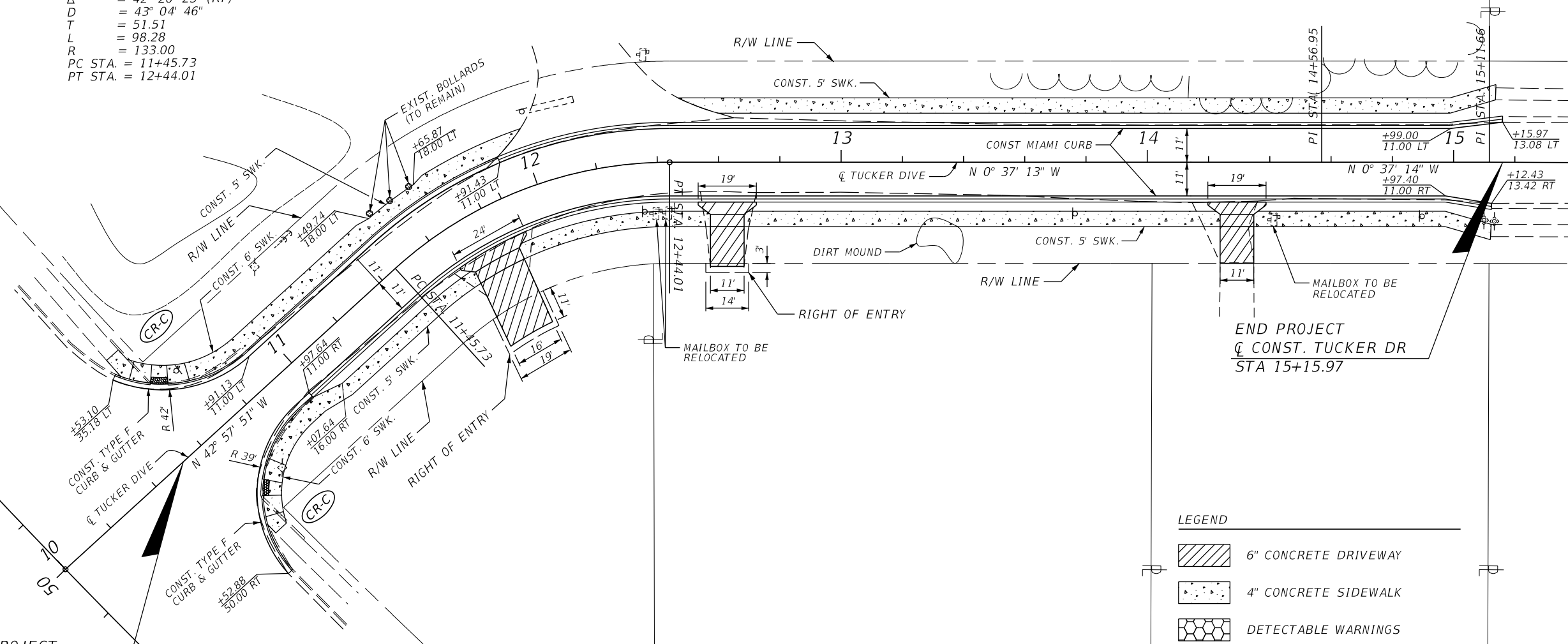
1:28:29 PM

T:\Engineering\Projects_CIP\In House Design\00000000_Tucker Drive Sidewalk\3. DES




CURVE DATA CUR1
PI STA. = 11+97.24
 Δ = 42° 20' 23" (RT)
D = 43° 04' 46"
T = 51.51
L = 98.28
R = 133.00
PC STA. = 11+45.73
PT STA. = 12+44.01

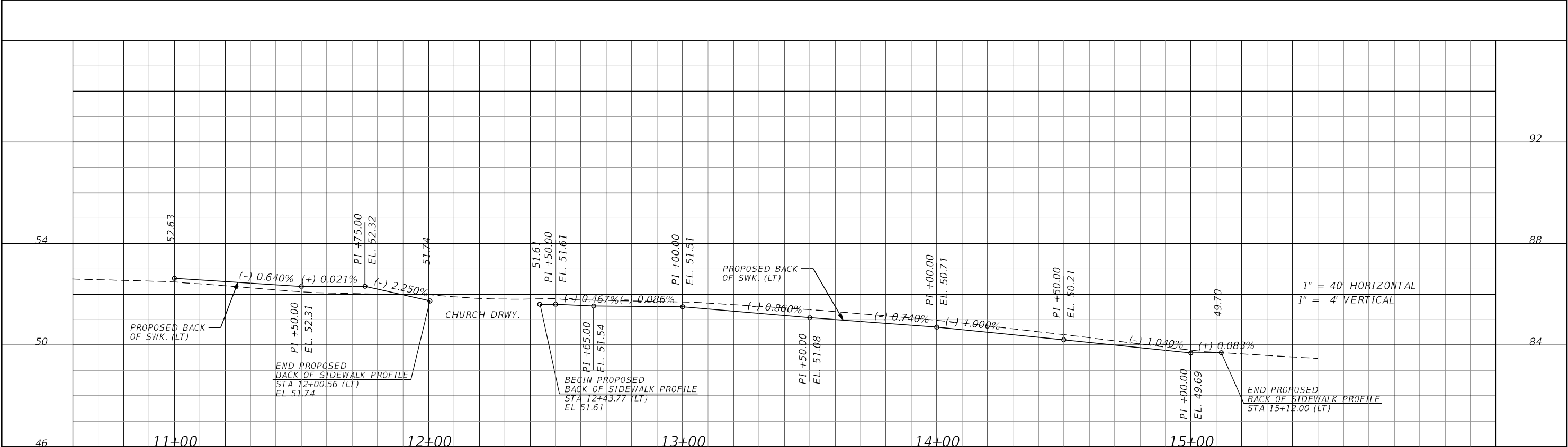
BEGIN PROJECT
C CONST. TUCKER DR
STA 10+52.88



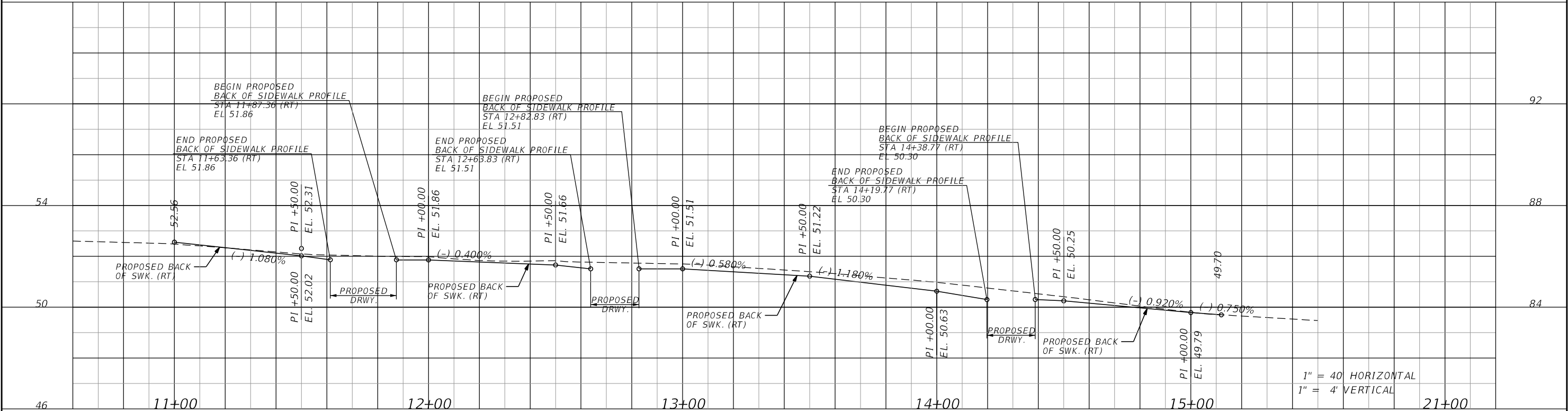
LEGEND

- 6" CONCRETE DRIVEWAY
- 4" CONCRETE SIDEWALK
- DETECTABLE WARNINGS

REVISIONS				<div> SEMINOLE COUNTY <small>FLORIDA'S NATURAL CHOICE</small></div> <div>SEMINOLE COUNTY ENGINEERING DIVISION DINO E. LUCARELLI P.E. No. 39556 100 East 1st. Street Sanford, FL 32771</div>	SEMINOLE COUNTY ENGINEERING DIVISION		<div><i>PLAN SHEET</i></div>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		5
					TUCKER DRIVE			

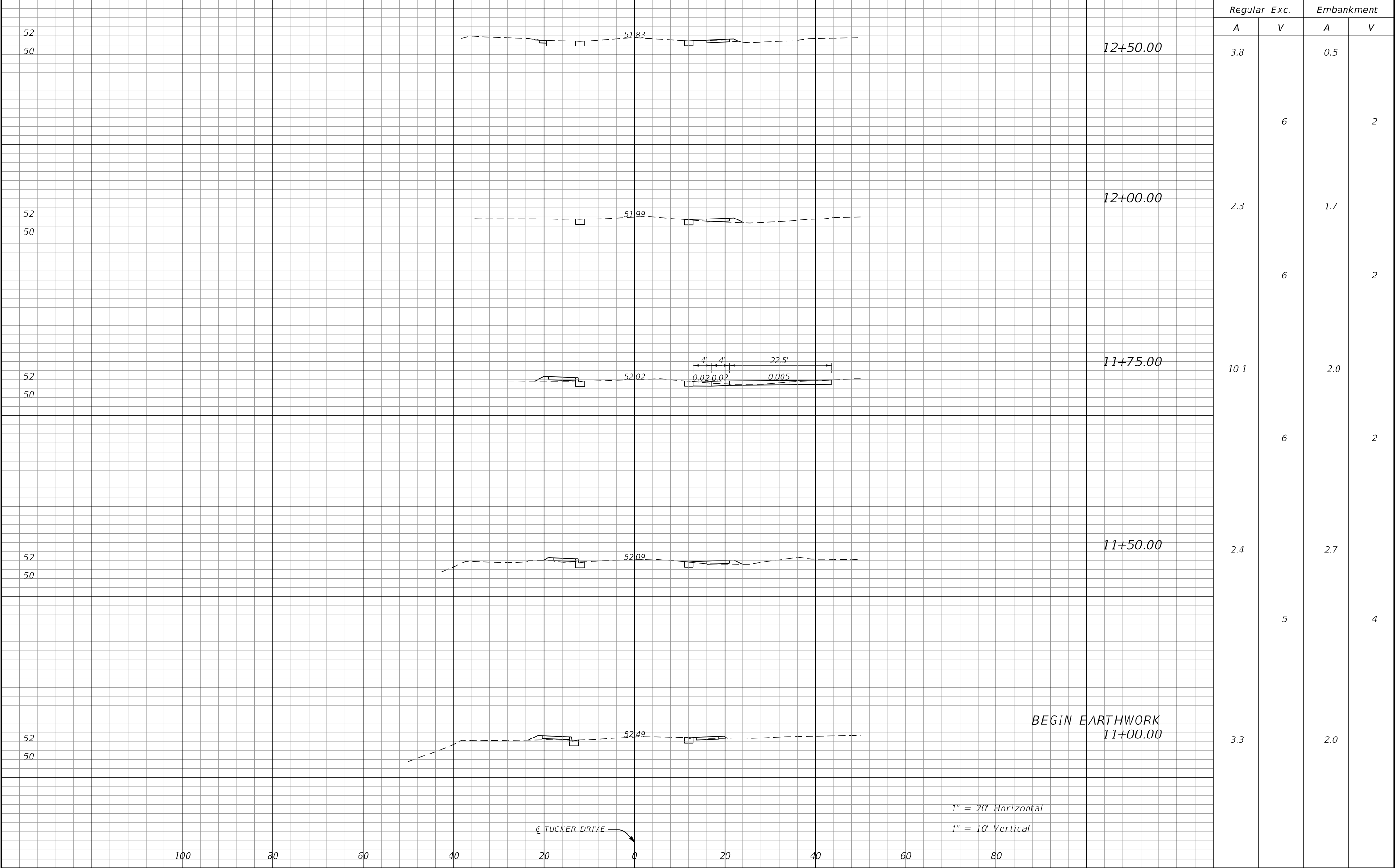


TUCKER DR (LT)

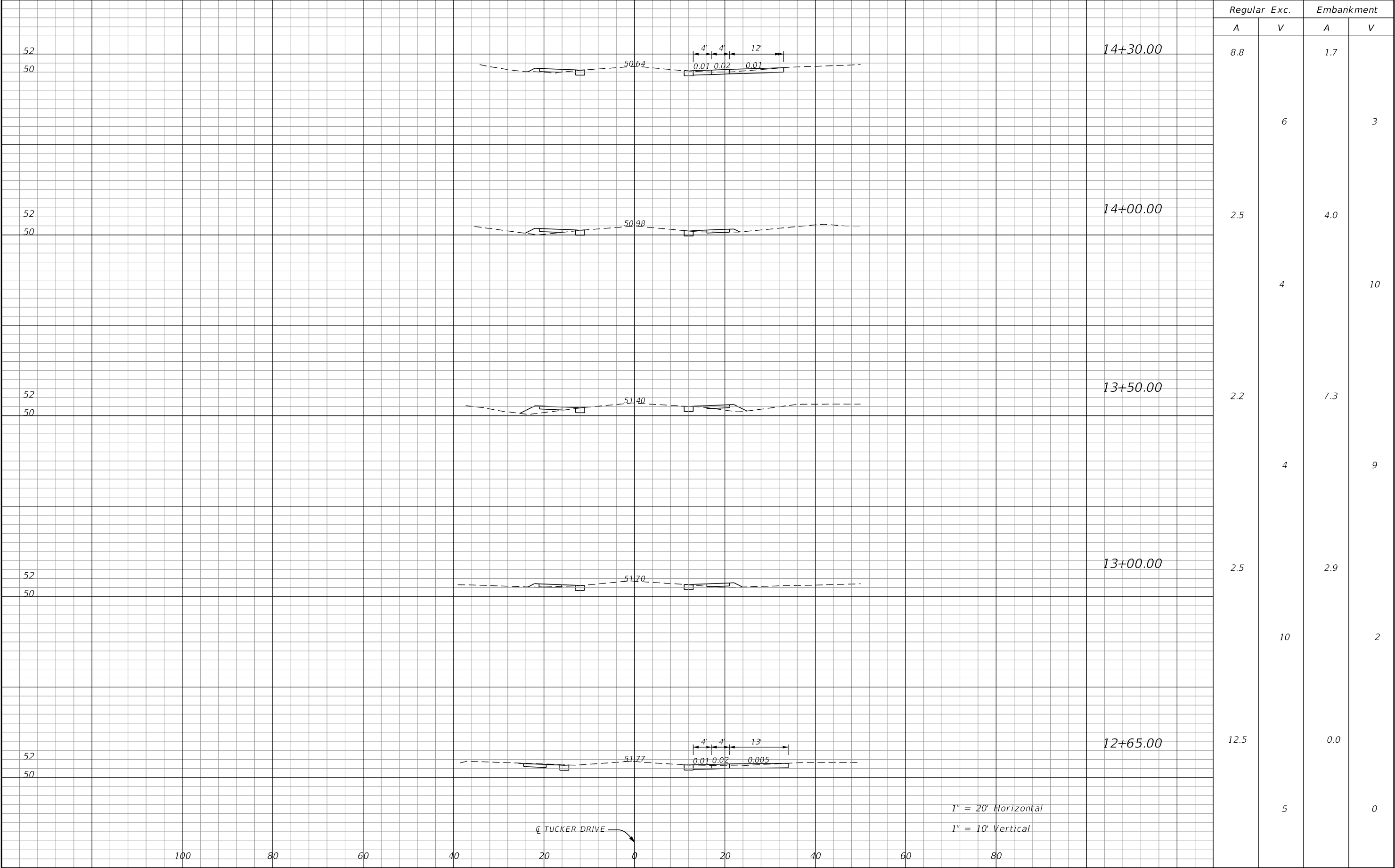


TUCKER DR (RT)

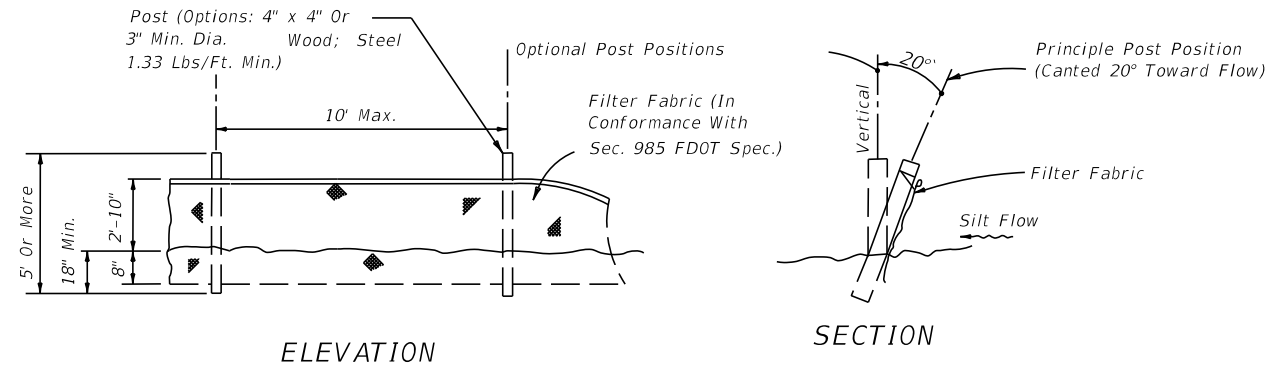
REVISIONS				<div><div><div>SEMINOLE COUNTY</div><div>ENGINEERING DIVISION</div><div><div>DINO E. LUCARELLI</div><div>P.E. No. 39556</div><div>100 East 1st. Street</div><div>Sanford, FL 32771</div></div></div></div>	SEMINOLE COUNTY ENGINEERING DIVISION		PROFILE SHEET BACK OF SIDEWALK	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		6
					TUCKER DRIVE			



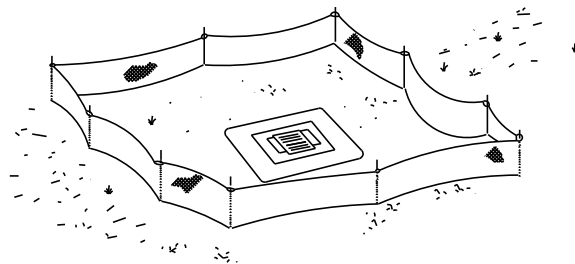
REVISIONS				<div><div>SEMINOLE COUNTY FLORIDA'S NATURAL CHOICE</div></div> <div>SEMINOLE COUNTY ENGINEERING DIVISION DINO E. LUCARELLI P.E. No. 39556 100 East 1st. Street Sanford, FL 32771</div>	SEMINOLE COUNTY ENGINEERING DIVISION		CROSS-SECTIONS		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.			
					TUCKER DRIVE				7



REVISIONS				<div><div><div>SEMINOLE COUNTY</div><div>ENGINEERING DIVISION</div><div>DINO E. LUCARELLI</div><div>P.E. No. 39556</div><div>100 East 1st. Street</div><div>Sanford, FL 32771</div></div></div>	SEMINOLE COUNTY ENGINEERING DIVISION		CROSS-SECTIONS		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.			
					TUCKER DRIVE				8



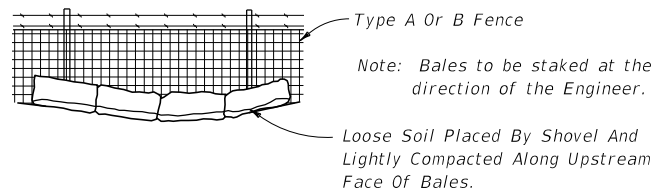
TYPE IV SILT FENCE



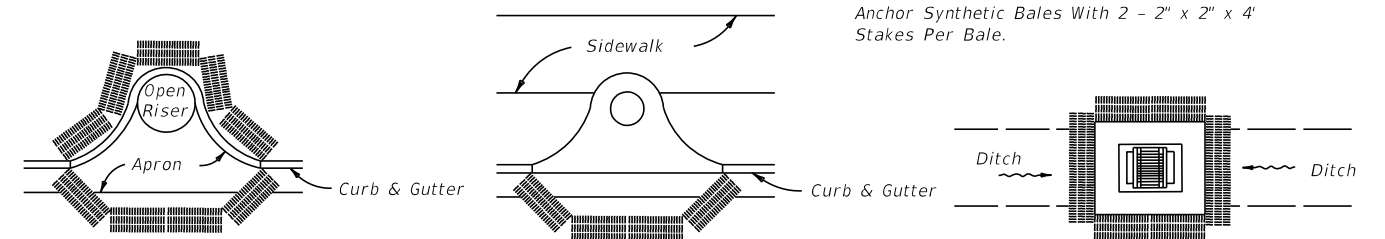
Type IV Silt Fence Protection
Around Ditch Bottom Inlets.

Do not deploy in a manner that silt fences will act as a dam across permanent flowing watercourses. Silt fences are to be used at upland locations and turbidity barriers used at permanent bodies of water.

SILT FENCE APPLICATIONS



1. THE CONTRACTOR SHALL EXECUTE ALL MEASURES NECESSARY TO LIMIT THE TRANSPORT OF SEDIMENTS OUTSIDE THE LIMITS OF THE PROJECT TO THE VOLUME AND AMOUNT THAT ARE EXISTING PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THIS CONDITION WILL BE SATISFIED FOR THE TOTAL ANTICIPATED CONSTRUCTION PERIOD. PROVISION MUST BE MADE TO PRESERVE THE INTEGRITY AND CAPACITY OF CHECK WEIRS, SEDIMENT BASINS, SLOPE DRAINS, GRADING PATTERNS, ETC. REQUIRED TO MEET THIS PROVISION THROUGHOUT THE LIFE OF THE CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE SYNTHETIC BALES, SILT BARRIERS, TEMPORARY GRASSING, ETC. AS REQUIRED TO FULLY COMPLY WITH THE INTENT OF THIS SPECIFICATION.
2. NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE OR INTO ANY ADJACENT WATER BODY OR STORMWATER COLLECTION FACILITY.
3. THE SURFACE AREA OF OPEN, RAW ERODIBLE SOIL EXPOSED BY CLEARING AND GRUBBING OPERATIONS OR EXCAVATION AND FILLING OPERATIONS SHALL BE CONTROLLED, SO THAT THIS OPERATION WILL NOT SIGNIFICANTLY AFFECT OFF-SITE DEPOSIT OF SEDIMENTS.
4. INLETS AND CATCH BASINS SHALL BE PROTECTED FROM SEDIMENT LADEN STORMWATER RUNOFF UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS THAT MAY CONTRIBUTE SEDIMENT TO THE INLET. (SEE NOTE 16).
5. AREAS OPENED BY CONSTRUCTION OPERATIONS THAT ARE NOT ANTICIPATED TO BE DRESSED OR RECEIVE FINAL GRASSING TREATMENT WITHIN THIRTY DAYS SHALL BE SEEDED WITH A QUICK GROWING GRASS SPECIES WHICH WILL PROVIDE AN EARLY COVER, DURING THE SEASON IN WHICH IT IS PLANTED. TEMPORARY SEEDING SHALL BE CONTROLLED SO AS TO NOT ALTER OR COMPETE WITH PERMANENT GRASSING. THE RATE OF SEEDING SHALL BE 30 POUNDS PER ACRE.
6. THE SEEDED OR SEEDED AND MULCHED AREA(S) SHALL BE ROLLED AND WATERED AS REQUIRED TO ASSURE OPTIMUM GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER.
7. IF AFTER 14 DAYS, THE TEMPORARY GRASSES AREAS HAVE NOT ATTAINED A MINIMUM OF 75% GOOD GRASS COVER, THE AREA WILL BE REWORKED AND ADDITIONAL SEED APPLIED TO ESTABLISH THE DESIRED VEGETATION COVER.
8. ALL FEATURES OF THE PROJECT SHALL BE CONSTRUCTED TO PREVENT EROSION AND SEDIMENT AND SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO FUNCTION PROPERLY WITHOUT THE TRANSPORT OF SEDIMENTS OUTSIDE THE LIMITS OF THE PROJECT.
9. ALL DISTURBED AREAS OUTSIDE THE EXCAVATION AND FILL LIMITS WILL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THEIR CONDITION PRIOR TO CONSTRUCTION.
10. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF ALL NEWLY PLANTED GRASSES OR VEGETATION AND RETENTION/DETENTION FACILITIES UNTIL THE WORK HAS BEEN ACCEPTED BY THE COUNTY.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STABILITY OF EMBANKMENTS AND SHALL REPLACE ANY PORTION, WHICH IN THE OPINION OF THE ENGINEER, HAS BECOME DISPLACED DUE TO EROSION OR DUE TO CARELESSNESS OR NEGLIGENCE ON THE PART OF THE CONTRACTOR.
12. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS CONTROLLING POLLUTION OF THE ENVIRONMENT. MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO CONTROL EROSION AND SEDIMENT RUNOFF FROM THE SITE DURING CONSTRUCTION. SUCH METHODS SHALL BE IN ACCORDANCE WITH THE CURRENT FLORIDA DEPARTMENT OF TRANSPORTATION STANDARDS.
13. ABSOLUTELY NO WORK WILL BE ALLOWED WITHIN ANY CONSERVATION AREA, BUFFER AREA, MITIGATION AREA OR DESIGNATED WETLAND AREA UNLESS SO SPECIFICALLY DESCRIBED BY THE PLANS AND GRANTED BY REASON OF PERMIT FROM THE GOVERNMENTAL ENTITY HAVING JURISDICTION OVER SAID AREA.
14. PRIOR TO CLEARING AND GRUBBING, THE LIMITS OF WETLANDS, BUFFERS, AND MITIGATION AREAS SHALL BE CLEARLY MARKED ALONG THE PROPOSED RIGHT OF WAY LINE TO PROTECT THESE AREAS FROM ENCROACHMENT FROM CONSTRUCTION ACTIVITIES.
15. ALL FILL EMBANKMENT AND GRADED AREAS SHALL BE PROTECTED AGAINST EROSION BY METHODS STATED IN "SECTION 104," F.D.O.T. STANDARD SPECIFICATIONS FOR BRIDGE AND ROAD CONSTRUCTION. SIDE SLOPE MAY BE SEEDED AND MULCHED, PROVIDED THAT THE MULCH MATERIAL IS DISC HARROWED AND THE SIDE SLOPES ARE NEITHER GREATER THAN 4:1 NOR PART OF A DRAINAGE CONVEYANCE.
16. EROSION CONTROL AT ALL INLET DRAINAGE STRUCTURES DURING CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH SECTION 104 PREVENTION, CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION.




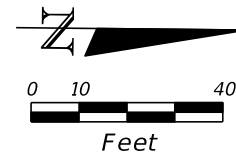
PARTIAL INLET

COMPLETED INLET

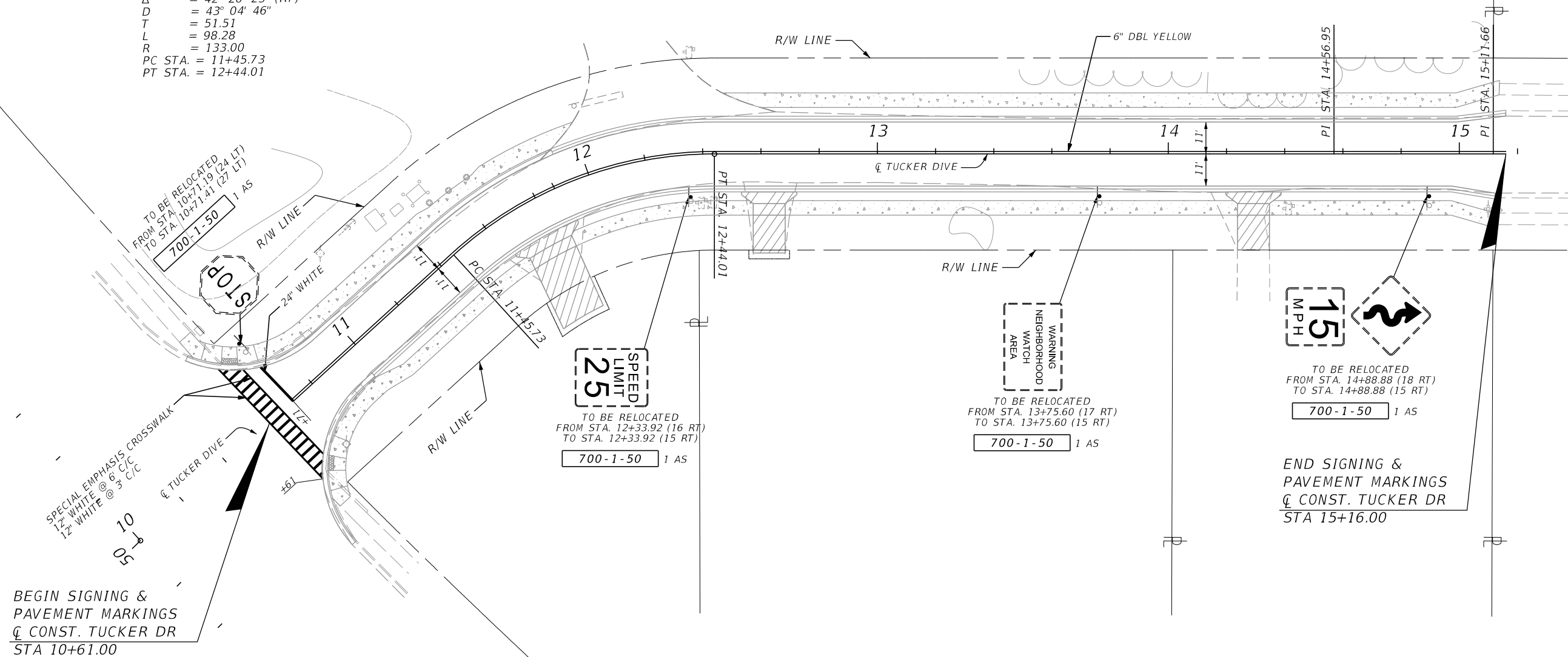
DITCH BOTTOM INLET


PROTECTION AROUND INLETS OR SIMILAR STRUCTURES

REVISIONS				 SEMINOLE COUNTY <small>FLORIDA'S NATURAL CHOICE</small>	SEMINOLE COUNTY ENGINEERING DIVISION DINO E. LUCARELLI P.E. No. 39556 100 East 1st. Street Sanford, FL 32771	SEMINOLE COUNTY ENGINEERING DIVISION		EROSION CONTROL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD	COUNTY CIP No.		
						TUCKER DRIVE			10



CURVE DATA CUR1
PI STA. = 11+97.24
 Δ = 42° 20' 23" (RT)
D = 43° 04' 46"
T = 51.51
L = 98.28
R = 133.00
PC STA. = 11+45.73
PT STA. = 12+44.01



REVISIONS				<div> SEMINOLE COUNTY <small>FLORIDA'S NATURAL CHOICE</small></div> <div>SEMINOLE COUNTY <u>ENGINEERING DIVISION</u> DINO E. LUCARELLI P.E. No. 39556 100 East 1st. Street Sanford, FL 32771</div>	SEMINOLE COUNTY ENGINEERING DIVISION		SIGNING & PAVEMENT MARKINGS PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		11
					TUCKER DRIVE			

SUMMARY OF LUMP SUM ITEMS					
PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0101-1	MOBILIZATION	1		LS	
0102-1	MAINTENANCE OF TRAFFIC	1		LS	

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES						
LOCATION	SIDE	AREA ID	SEDIMENT BARRIER		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.			0104 10 3			
			LF			
			P	F		
10+63.50 to 11+66.50	RT		103.0			
11+85.80 to 12+57.35	RT		71.6			
12+68.35 to 14+23.80	RT		155.5			
14+34.80 to 15+12.10	RT		77.3			
10+61.00 to 12+50.55	LT		189.6			
12+46.75 to 15+13.80	LT		267.1			
SUB-TOTAL :			863.9			
TOTAL :			864			

SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS												
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNITS	SECONDARY UNITS (IF LUMP SUM)	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				AREA (AC)	P	F	P	F		
0110 1 1	CLEARING & GRUBBING	10+52.88 TO 15+12.43	RT		LS	0.144						
		10+55.75 TO 15+15.97	LT			0.116						
0110 4 10	REMOVAL OF EXISTING CONCRETE	10+53.87 TO 10+97.62	RT		SY		24.4		144			
		11+73.90	RT				58.4				EXIST. DRWY.	
		12+62.83	RT				39.0				EXIST. DRWY.	
		10+54.03 TO 10+97.83	LT				21.9					

REVISIONS				 SEMINOLE COUNTY FLORIDA'S NATURAL CHOICE	SEMINOLE COUNTY <u>ENGINEERING DIVISION</u> DINO LUCARELLI P.E. No. 39556 100 East 1st. Street Sanford, FL 32771	SEMINOLE COUNTY ENGINEERING DIVISION		<i>SUMMARY OF QUANTITIES</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD	COUNTY CIP No.		SQ-1
						TUCKER DRIVE			

SUMMARY OF PAVEMENT														
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	LENGTH	WIDTH	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION						P	F	P	F		
0327 70 6	Milling Exist Asph Pavt, 1 1/2" Avg Depth	10+52.83 to 15+16.05		LT/RT	7023			SY	1201.4		1201			
0337 7 83	Asphalt Concrete Friction Course, Traffic C, FC-12.5, PG 76-22	10+52.83 to 15+16.05		LT/RT	7077			TN	99.12		99.1			

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS														
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNIT	QUANTITY					TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				GROSS LENGTH	DEDUCTIONS		NET LENGTH		P	F		
							TYPE	LENGTH	P	F				
0520 1 10	Concrete Curb & Gutter , Type F	10+54.38 to 10+63.59	RT		LF	26.8			26.8		211			
		10+54.46 to 10+61.08	LT			12.0			12.0					
		10+61.08 to 10+65.24	LT			5.8			5.8					
		10+63.59 to 10+67.39	RT			5.4			5.4					
		10+65.24 to 10+91.13	LT			28.1			28.1					
		10+67.39 to 10+91.88	RT			26.7			26.7					
		10+91.13 to 11+45.73	LT			54.6			54.6					
		10+91.88 to 10+97.64	RT			5.8			5.8					
		11+45.73 to 11+91.43	LT			45.7			45.7					
0520 1 8	Concrete Curb & Gutter , Miami	10+97.64 to 11+45.73	RT		LF	48.1			48.1		731			
		11+45.73 to 12+43.89	RT			89.2			89.2					
		11+91.43 to 12+44.01	LT			52.6			52.6					
		12+43.88 to 14+97.31	RT			253.4			253.4					
		12+44.01 to 14+99.00	LT			255.0			255.0					
		14+97.31 to 15+12.43	RT			15.3			15.3					
		14+98.93 to 15+15.82	LT			17.1			17.1					

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DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD	COUNTY CIP No.		
						TUCKER DRIVE			SQ-2

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS												
LOCATION	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS 6"		DESIGN NOTES	CONSTRUCTION REMARKS
					0522 1		0522 2		0575 2			
SY					SY		SF					
STA. TO STA.					P	F	P	F	P	F		
10+55.73 to 12+00.56	LT	7981			101.8							
10+58.66 to 11+67.17	RT	9824			66.8							
10+58.66 to 11+67.17	RT	7948			67.9							
10+63.20	LT								11.0			
10+65.82	RT								9.0			
11+85.83 to 12+57.33	RT	7967			35.1							
12+46.76 to 15+13.78	LT	7996			145.0							
12+68.33 to 14+23.77	RT	7972			86.2							
14+34.77 to 15+12.38	RT	7975			43.0							
11+61.82 to 11+90.41	RT	8012					56.9					
12+53.33 to 12+72.33	RT	8021					27.9					
14+19.77 to 14+38.77	RT	8039					26.7					
SUB-TOTAL :					545.8		111.5		20.0			
TOTAL :					546		112		20			

SUMMARY OF PERFORMANCE TURF								
LOCATION	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.					0570	1 2		
					SY			
					P	F		
10+60.98 to 12+00.56	LT	9397			86.4			
10+63.52 to 11+66.53	RT	9405			57.0			
10+97.64 to 11+65.76	RT	8661			19.8			
11+85.83 to 12+57.33	RT	9411			34.0			
11+87.44 to 12+56.00	RT	8679			19.6			
12+46.76 to 15+13.78	LT	9416			148.7			
12+59.91 to 15+15.97	LT	8698			86.6			
12+68.33 to 14+23.77	RT	9414			86.4			
12+69.66 to 14+22.44	RT	8689			49.7			
14+34.77 to 15+12.11	RT	9419			43.2			
14+36.10 to 15+12.43	RT	8691			26.4			
SUB-TOTAL:					657.8			
TOTAL:					658			

REVISIONS				 SEMINOLE COUNTY <small>FLORIDAS NATURAL CHOICE</small>	SEMINOLE COUNTY <u>ENGINEERING DIVISION</u> DINO LUCARELLI P.E. No. 39556 100 East 1st. Street Sanford, FL 32771	SEMINOLE COUNTY ENGINEERING DIVISION		SUMMARY OF PAY ITEMS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD	COUNTY CIP No.		
						TUCKER DRIVE			SQ-3