

COMPONENTS OF CONTRACT PLANS SET
ROADWAY PLANS

A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF DRAINAGE PLANS

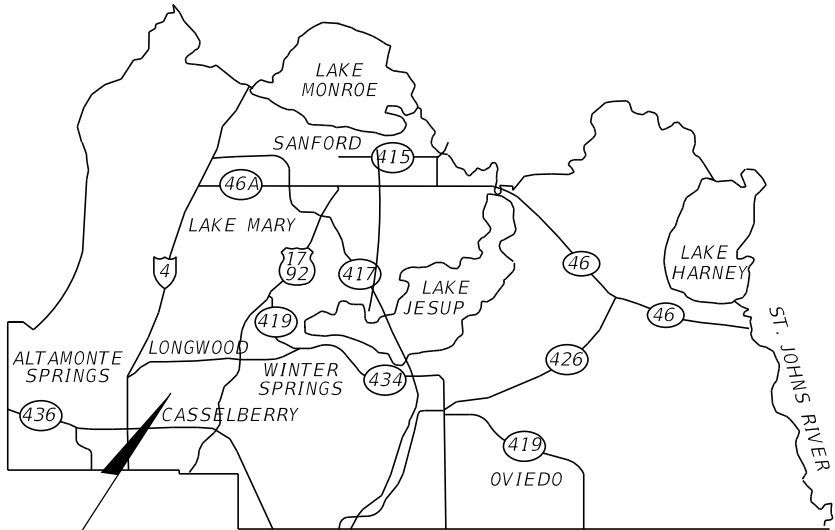
SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SUMMARY OF PAY ITEMS
3	TYPICAL SECTIONS
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SQ-1 - SQ-2	SUMMARY OF QUANTITIES

SEMINOLE COUNTY
ENGINEERING DIVISION

CONTRACT PLANS



BRENTWOOD AVENUE
SEMINOLE COUNTY CIP No.



PROJECT LOCATION
COUNTY COMMISSION
DISTRICT 4

END PROJECT
B SURVEY BRENTWOOD AVE
STA. 17+07.76

BEGIN PROJECT
B SURVEY BRENTWOOD AVE
STA. 10+12.72

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>

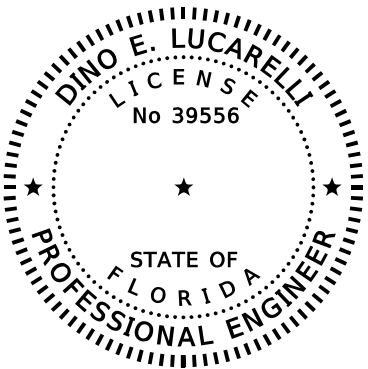
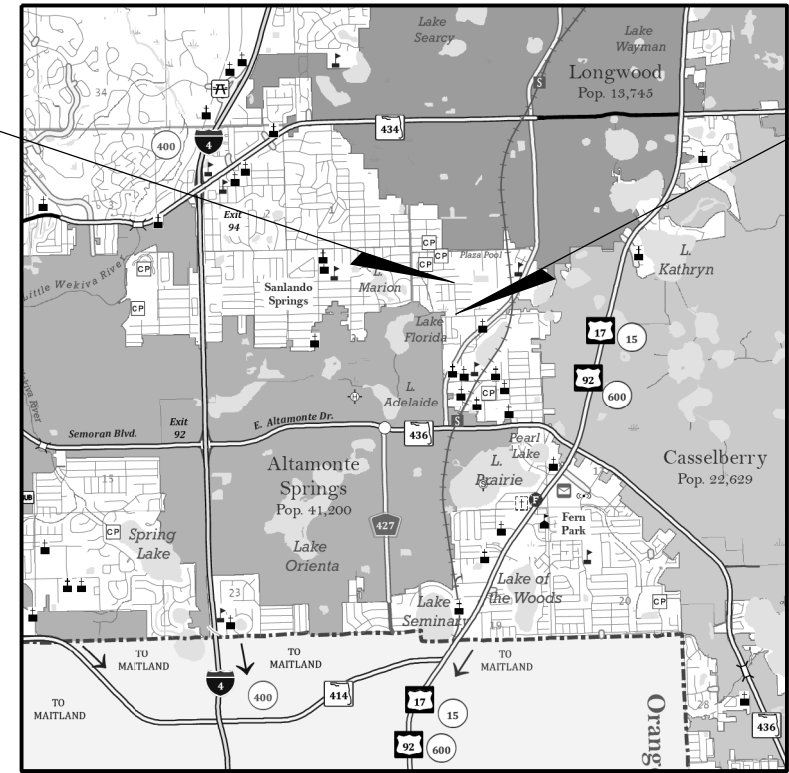
GOVERNING STANDARD SPECIFICATIONS:

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



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED
AND SEALED BY:

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.

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BE VERIFIED ON THE ELECTRONIC DOCUMENTS.

PUBLIC WORKS ENGINEERING DIVISION
100 EAST 1ST STREET
SANFORD, FLORIDA 32771
DINO E. LUCARELLI, P.E. 39556

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	30
104 10 3	SEDIMENT BARRIER	LF	791
110 1 1	CLEARING & GRUBBING	LS	1
110 4 10	REMOVAL OF EXISTING CONCRETE	SY	104
120 1	REGULAR EXCAVATION	CY	54.0
120 6	EMBANKMENT	CY	40.0
520 1 8	CONCRETE CURB AND GUTTER, (MIAMI)	LF	116
520 1 10	CONCRETE CURB AND GUTTER, (TYPE F)	LF	332
522 1	CONCRETE SIDEWALK, 4"	SY	429
527 2	DETECTABLE WARNING (PERFORMED THERMOPLASTIC)	SF	32
570 1 2	PERFORMANCE TURF (SOD)	SY	234
700 1 50	SINGLE POST SIGN, RELOCATE	AS	3
711 11 123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK	LF	140
711 11 125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE	LF	24
711 11 221	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	LF	200

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

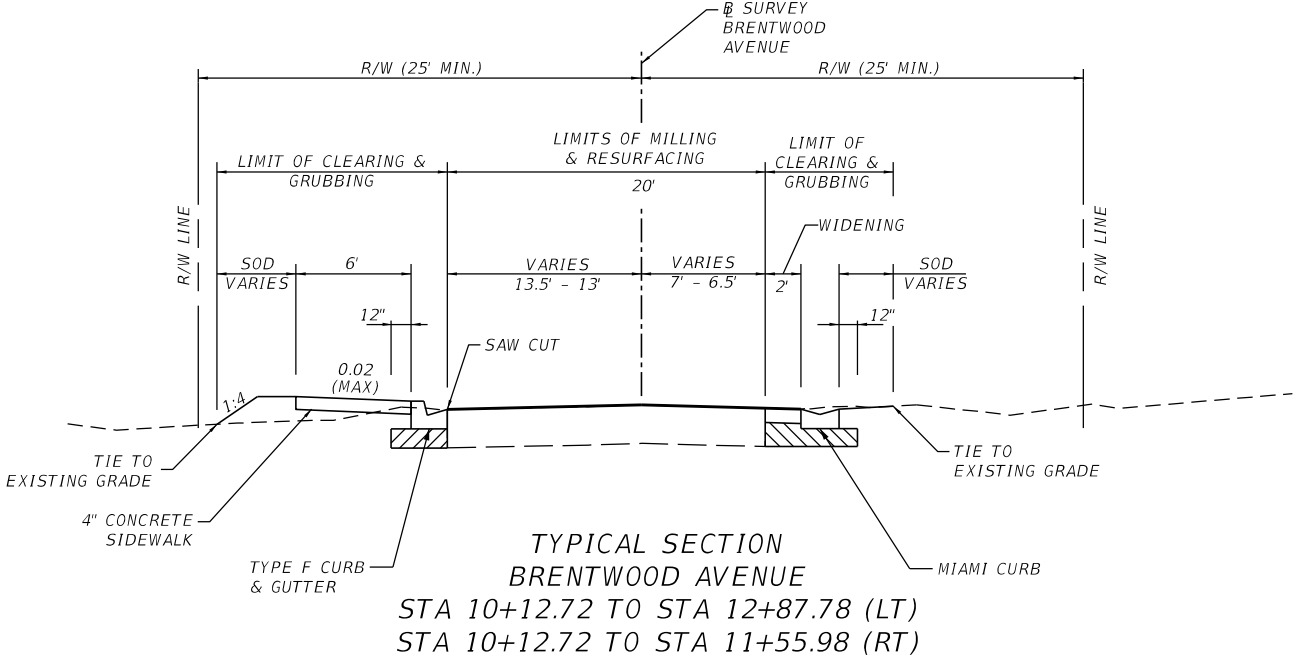
INCLUDES THE COST OF REMOVAL AND DISPOSAL OF ALL OBSTRUCTIONS, VEGETATION, DEBRIS, TRIMMING OF TREES AND SHRUBS, ROOT REMOVAL, WALL, FENCES, DRAIN FIELDS PIPE, PAVEMENT, AND OTHER ITEMS, IN ORDER TO CONSTRUCT THE PROJECT. NO TREES ARE TO BE REMOVED WITHOUT THE APPROVAL FROM THE SEMINOLE COUNTY PROJECT MANAGER. ALSO INCLUDES THE CUTS FOR SAWCUTTING EXISTING PAVEMENT OR CONCRETE AND TREE PROTECTION BARRICADES.
- 520-1-8 - 520-1-10

THE COST OF ASPHALT BASE PAD TO BE INCLUDED IN COST OF TYPE F AND MIAMI CURB.
- 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				<div><div>SEMINOLE COUNTY FLORIDAS NATURAL CHOICE</div></div> <div>SEMINOLE COUNTY ENGINEERING DIVISION</div> <div>DINO E. LUCARELLI P.E. No. 39556 100 East 1st. Street Sanford, FL 32771</div>	SEMINOLE COUNTY ENGINEERING DIVISION		SUMMARY OF PAY ITEMS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		2
					BRENTWOOD AVENUE			

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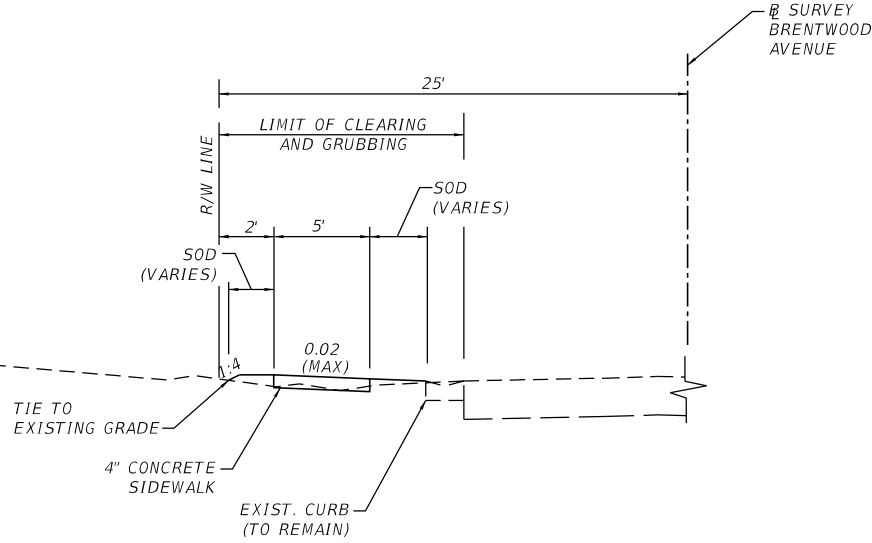
TYPICAL SECTION
BRENTWOOD AVENUE
STA 10+12.72 TO STA 12+87.78 (LT)
STA 10+12.72 TO STA 11+55.98 (RT)

WIDENING

OPTIONAL BASE GROUP 11 (7") (TYPE B-12.5 ONLY) WITH
FRICTION COURSE FC-12.5 (TRAFFIC B) (1 1/2") (PG 76-22)

MILLING & RESURFACING

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



TYPICAL SECTION
BRENTWOOD AVENUE
STA 12+87.78 TO STA 16+27.38 (LT)

REVISIONS				<div>SEMINOLE COUNTY <small>FLORIDA'S NATURAL CHOICE</small></div> <div>SEMINOLE COUNTY <u>ENGINEERING DIVISION</u> <i>DINO E. LUCARELLI</i> <i>P.E. No. 39556</i> <i>100 East 1st. Street</i> <i>Sanford, FL 32771</i></div>	SEMINOLE COUNTY <i>ENGINEERING DIVISION</i>		<i>TYPICAL SECTIONS</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		3
					BRENTWOOD AVENUE			

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 BRENTWOOD 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)

CENTURY LINK/LUMEN (MARLON BROWN)

CITY OF ALTAMONTE SPRING (LENNY BARDEN)

DUKE ENERGY DISTRIBUTION (ROBB BROWN)

FLORIDA GOVT. UTILITY AUTHORITY (WILL FONTAINE)

METRONET FIBERNET LLC (DALE SMITH)

SEMINOLE COUNTY UTILITIES (PAUL ZIMMERMAN)

WOW FIBER INTERNET (DAVE HAMLIN)

(386) 366-4588

(321) 439-3614

(407) 571-8335

(352) 459-4671

(352) 409-6520

(224) 619-0678

(407) 665-2021

(727) 239-0156

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.

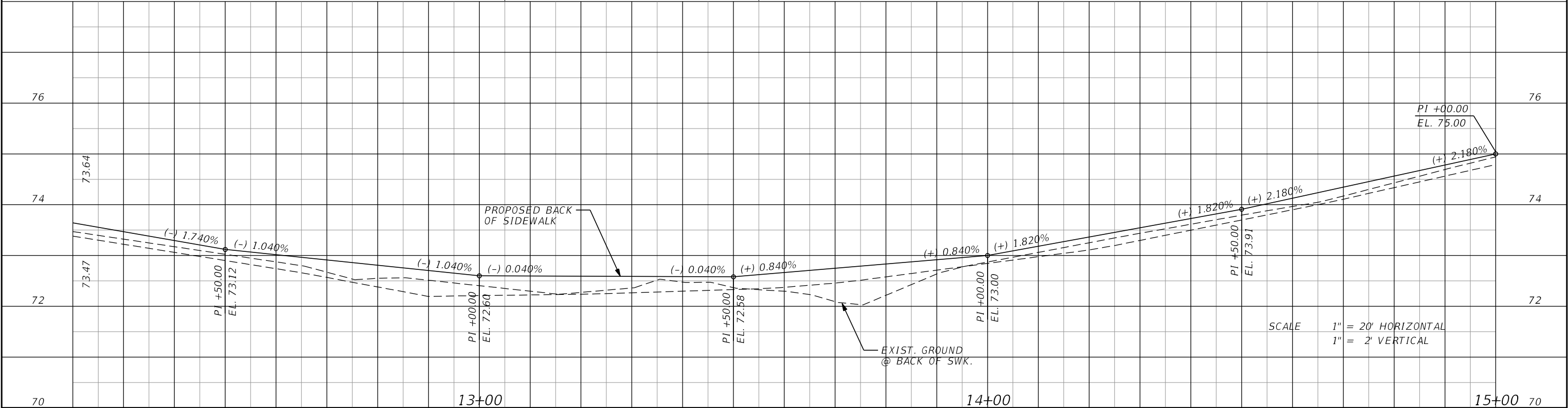
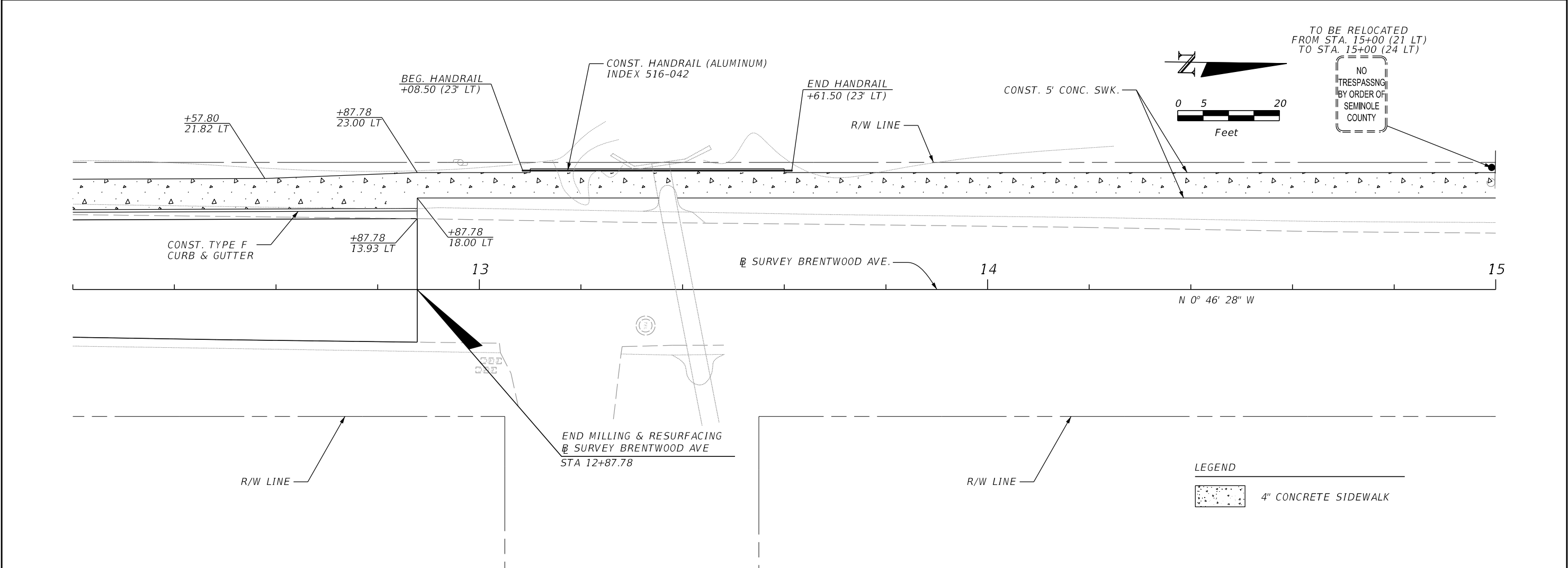
22. ANY DRAINAGE PROBLEMS, CREATED BY CONSTRUCTION OR EXISTING BEFORE CONSTRUCTION, THAT ARE NOT ALLEVIATED SHOULD BE BROUGHT TO THE ATTENTION OF THE SEMINOLE COUNTY ENGINEERING DIVISION PROJECT MANAGER.
- TEMPORARY TRAFFIC CONTROL NOTES
1. VEHICULAR AND PEDESTRIAN TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE 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.

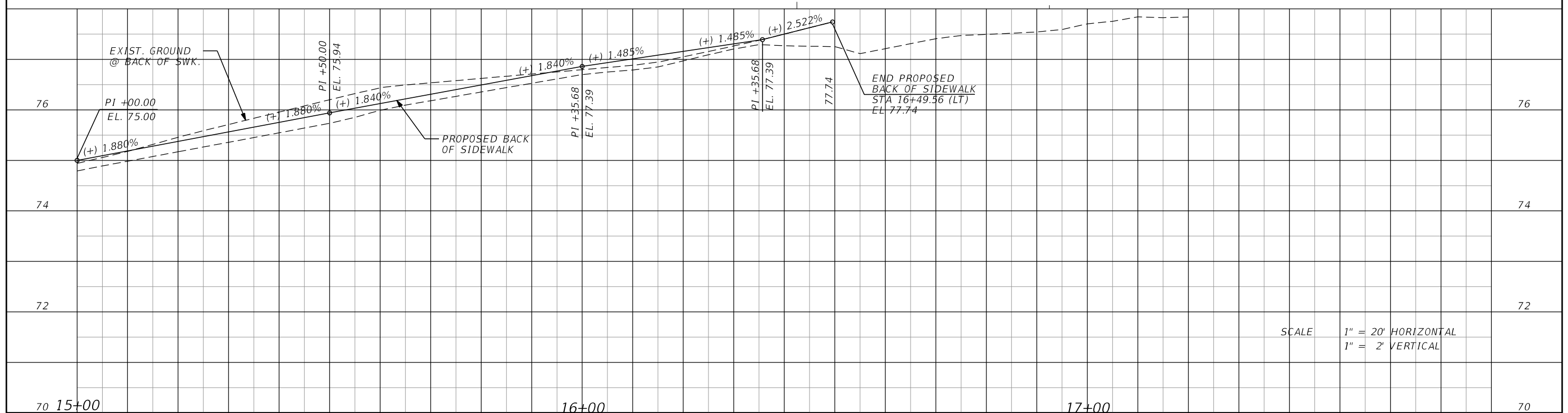
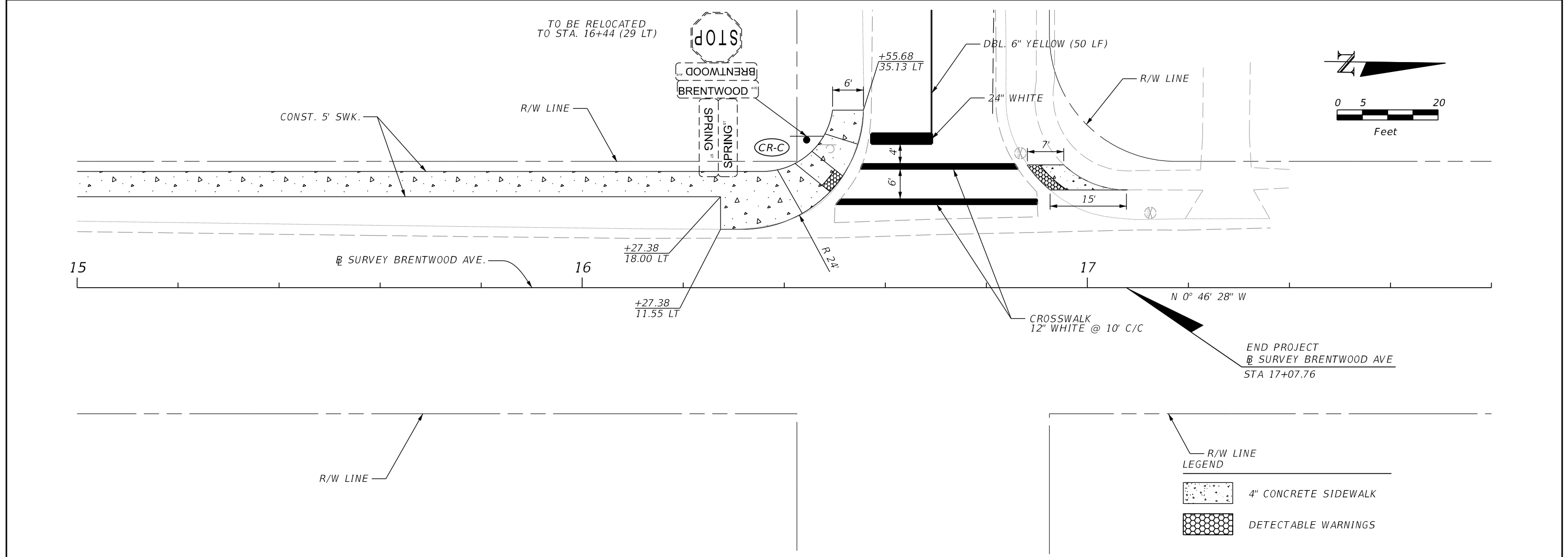
3. WORK HOURS ARE FROM 8:00 A.M. TO 5:00 P.M. MONDAY TO FRIDAY. WORK WILL NOT BE ALLOWED ON WEEKENDS OR HOLIDAYS OBSERVED BY SEMINOLE COUNTY.

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
FLORIDA'S NATURAL CHOICE</div></div> <div>SEMINOLE COUNTY
ENGINEERING DIVISION</div> <div>DINO E. LUCARELLI
P.E. No. 39556
100 East 1st. Street
Sanford, FL 32771</div> | SEMINOLE COUNTY
ENGINEERING DIVISION | | GENERAL NOTES | SHEET NO. |
|-----------|-------------|------|-------------|--|---|----------------|---------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | ROAD | | COUNTY CIP No. | 4 | |
| | | | | BRENTWOOD AVENUE | | | | |
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- hmcknight

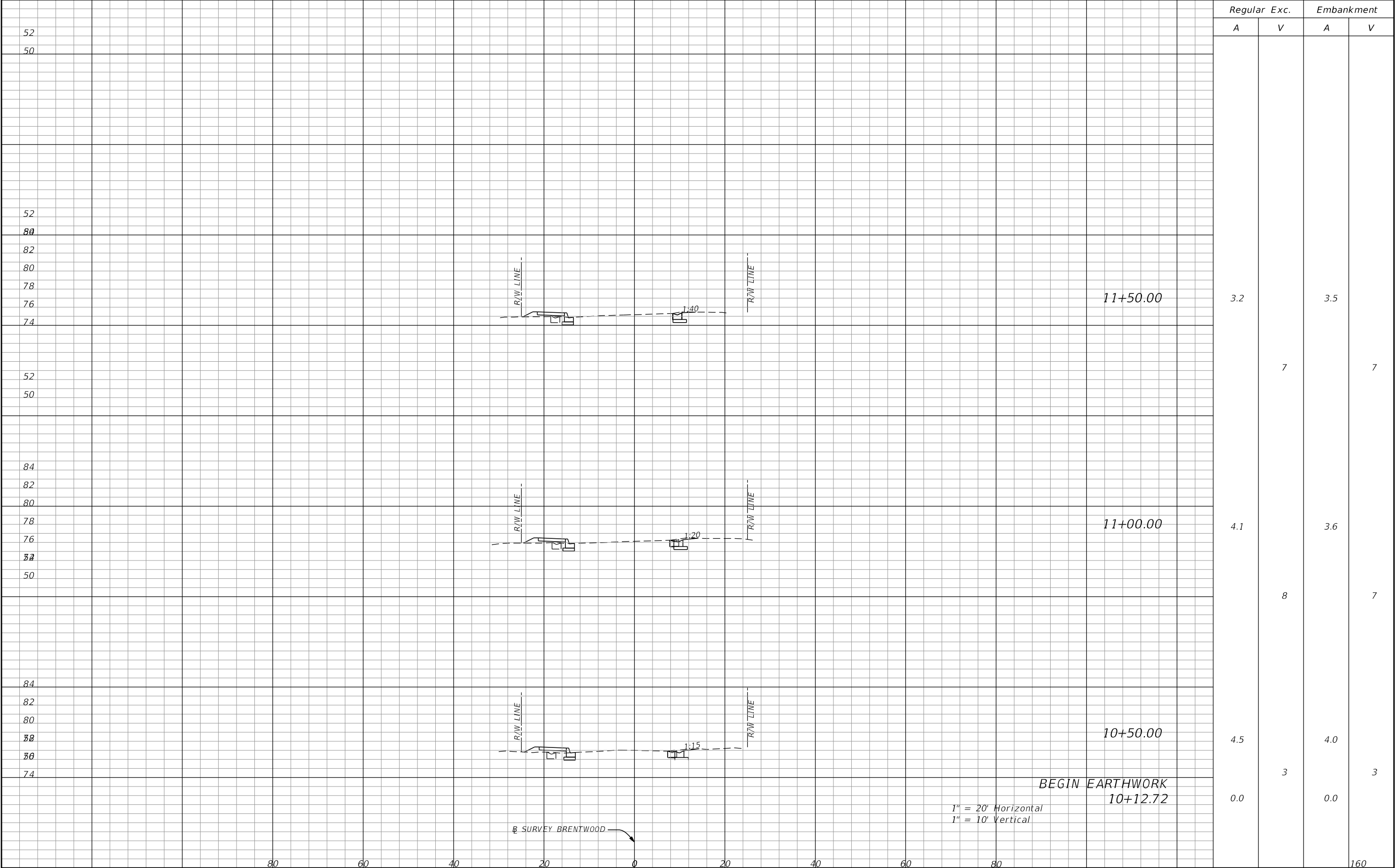
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REVISIONS				 SEMINOLE COUNTY FLORIDA'S NATURAL CHOICE	SEMINOLE COUNTY ENGINEERING DIVISION DINO E. LUCARELLI P.E. No. 39556 100 East 1st. Street Sanford, FL 32771	SEMINOLE COUNTY ENGINEERING DIVISION		PLAN-PROFILE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD	COUNTY CIP No.		6
						BRENTWOOD AVENUE			

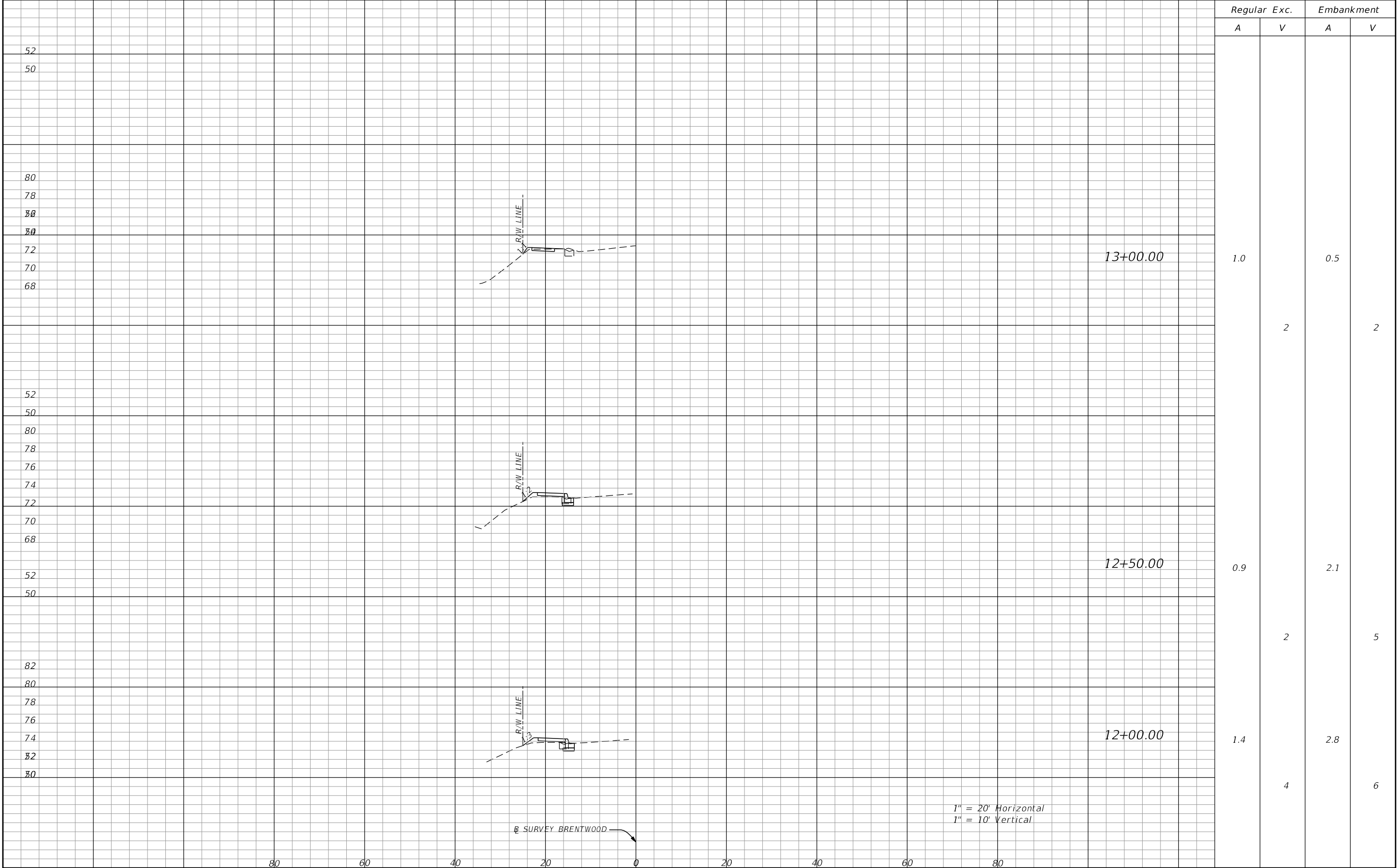


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		7
					BRENTWOOD AVENUE			



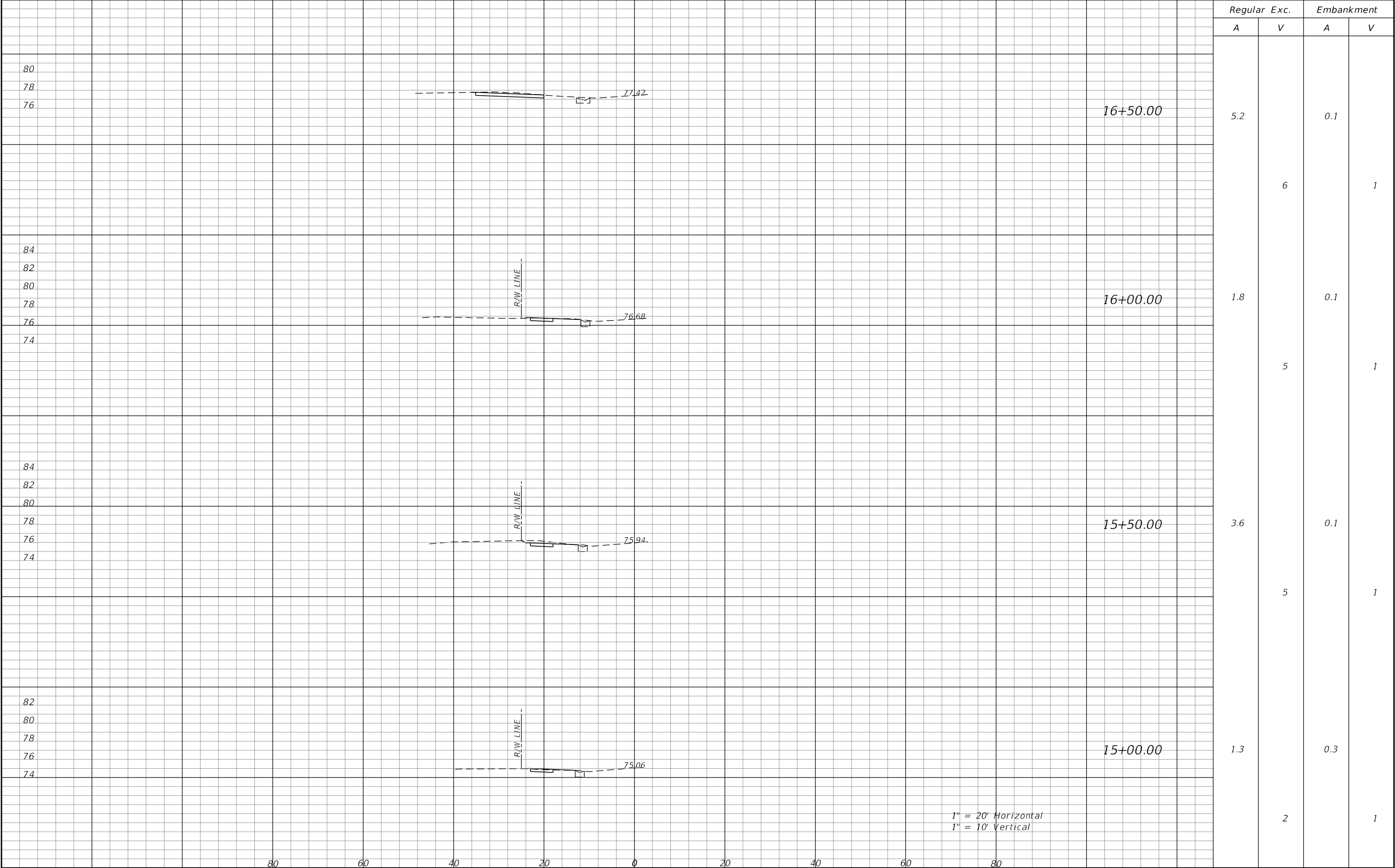
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		8
					BRENTWOOD AVE			

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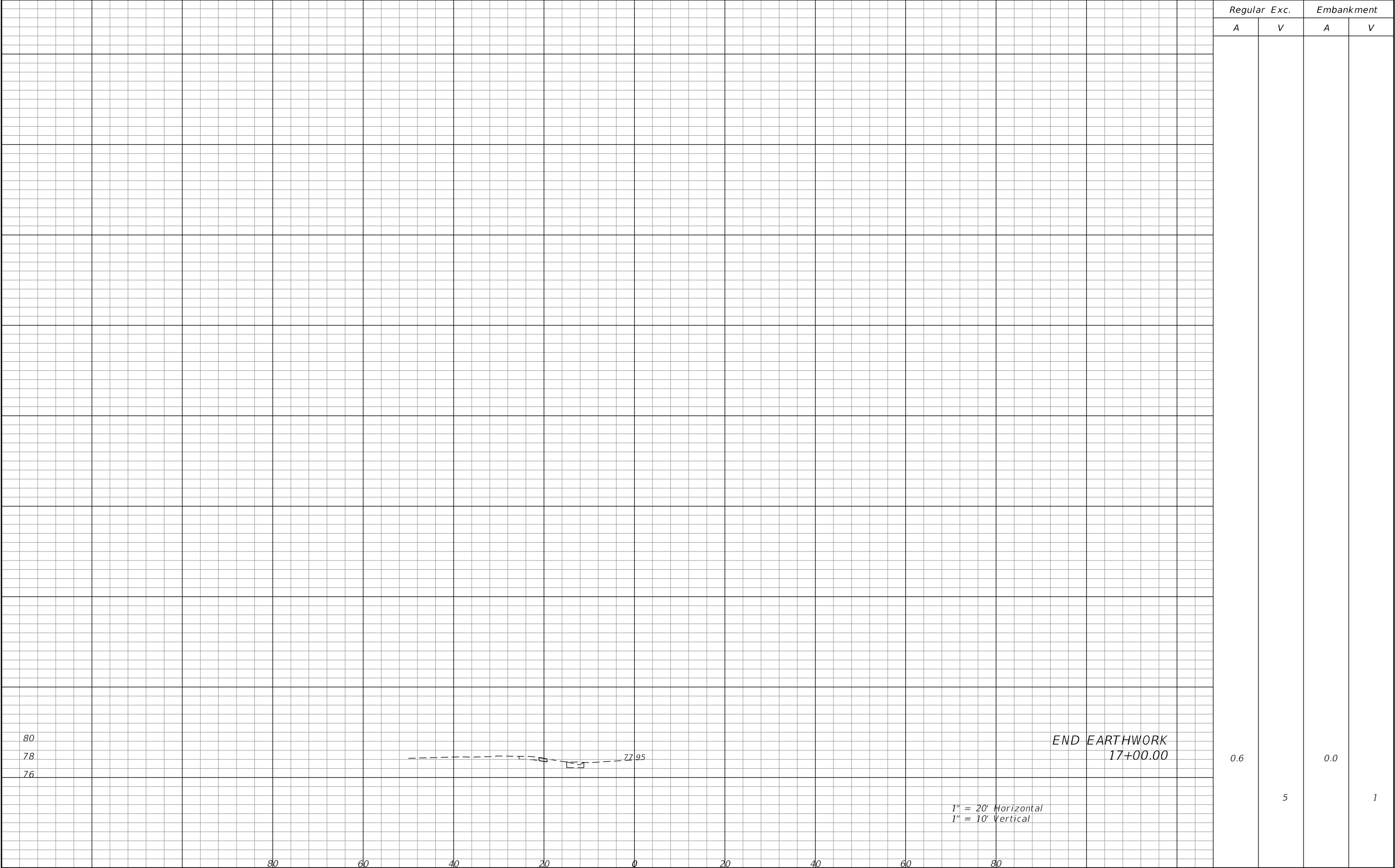
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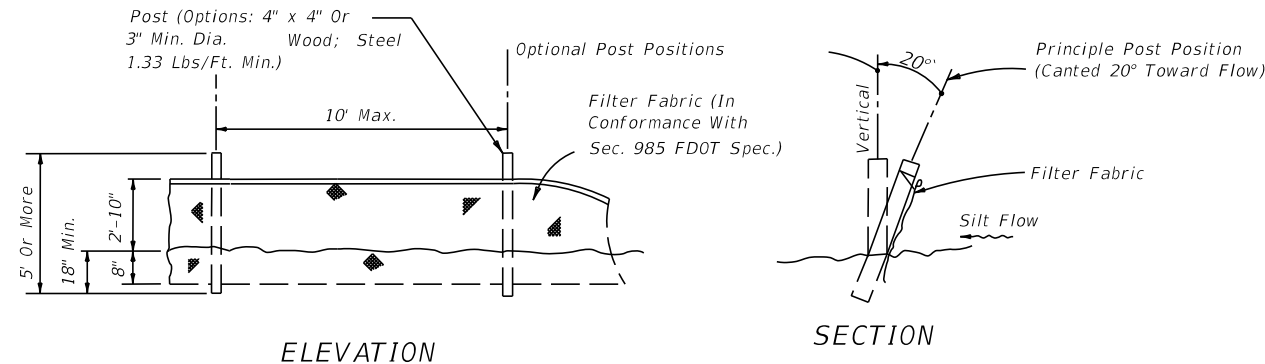
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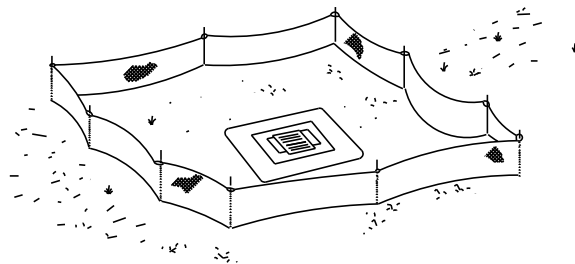


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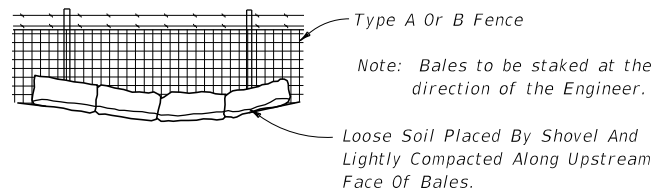
TYPE IV SILT FENCE



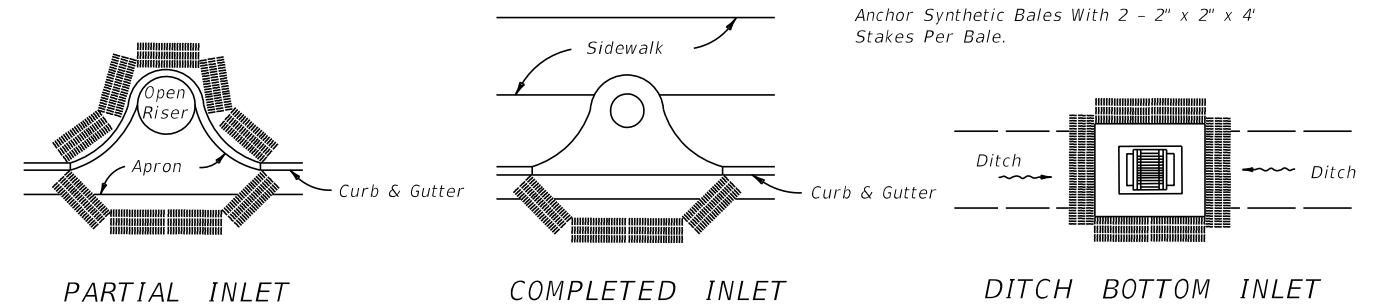
Type IV Silt Fence Protection
Around Ditch Bottom Inlets.

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.



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.		
						BRENTWOOD AVENUE			13

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+24.00 to 10+24.00	RT		11.3			
10+24.00 to 11+55.98	RT		132.0			
10+24.00 to 10+24.00	LT		16.7			
10+24.00 to 16+43.50	LT		619.5			
16+43.50 to 16+43.50	LT		11.1			
SUB-TOTAL :			790.6			
TOTAL :			791			

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+12.72 TO 11+55.98	RT		LS	0.026						
		10+24.25 TO 16+55.68	LT			0.154						
0110 4 10	REMOVAL OF EXISTING CONCRETE	10+12.71 TO 11+55.98	RT		SY		34.6		104			
		10+18.54	RT				8.0				CURB RAMP	
		10+19.26	LT				7.6				CURB RAMP	
		10+42.00 TO 12+87.78	LT				53.4					

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

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

