

**CONTRACT PLANS COMPONENTS**

- ROADWAY PLANS
- SIGNING AND PAVEMENT MARKING PLANS
- STRUCTURE PLANS

**LEE COUNTY**  
**DEPARTMENT OF TRANSPORTATION**

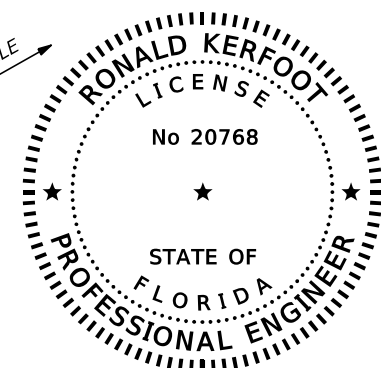
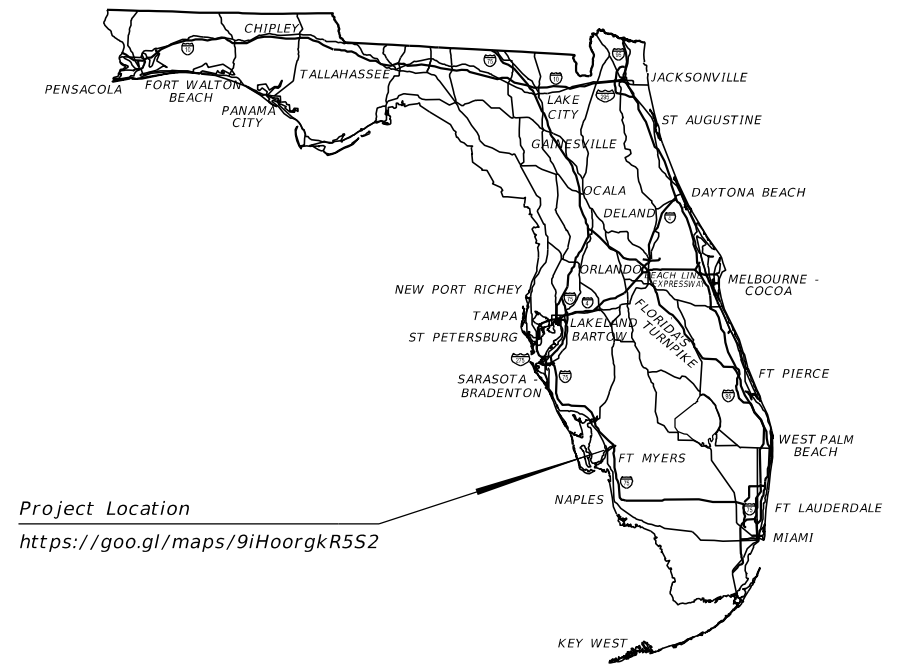
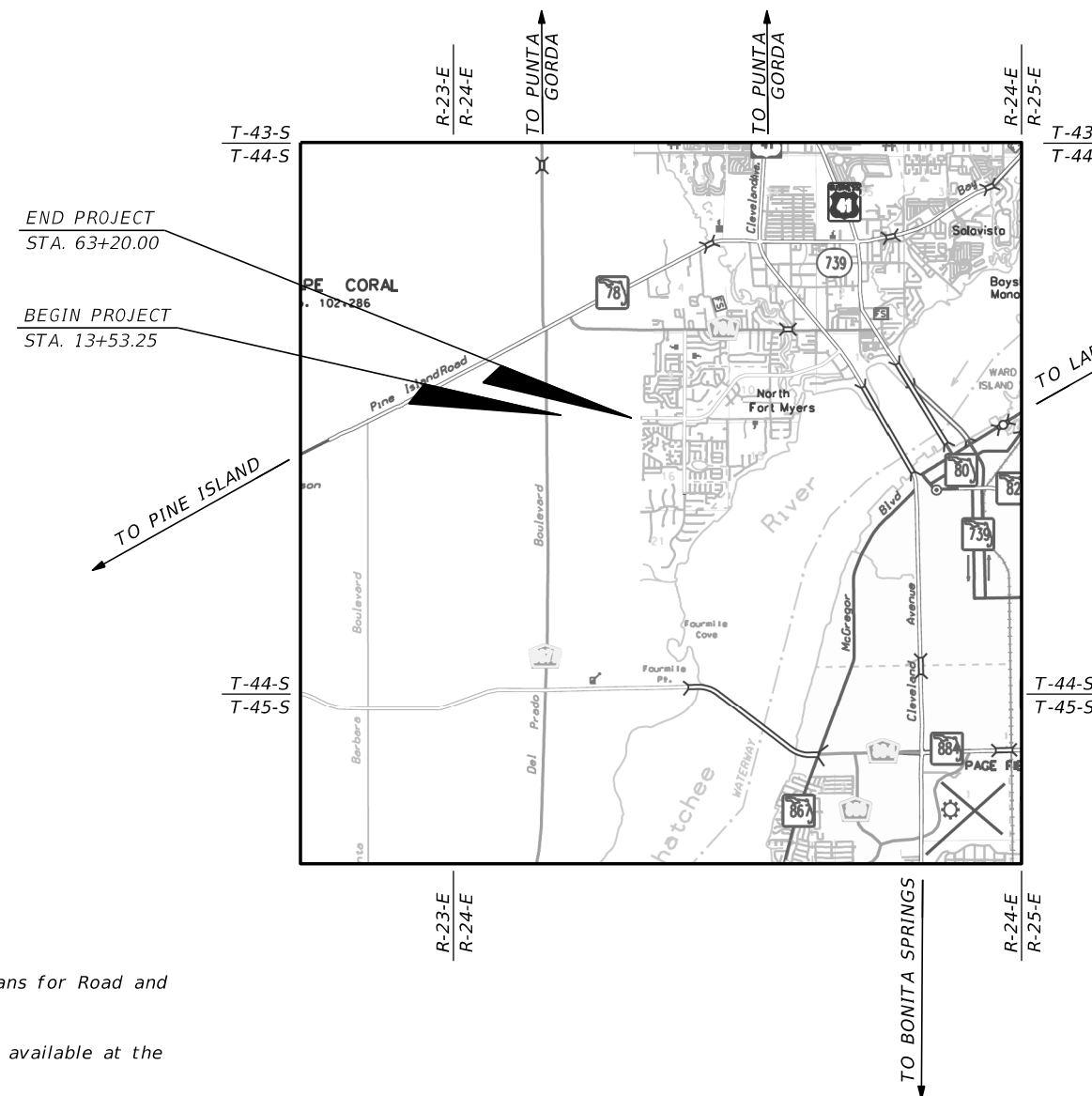
**CONTRACT PLANS**

**INDEX OF ROADWAY PLANS**

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**HANCOCK BRIDGE PARKWAY SIDEWALK PROJECT**  
**(NE 16TH PLACE TO SE 24TH AVENUE)**

LEE COUNTY (12070)



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

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AIM ENGINEERING & SURVEYING, INC.  
2161 FOWLER ST.  
FORT MYERS, FL. 33901  
CERTIFICATE OF AUTHORIZATION: 3114  
RONALD KERFOOT, P.E. NO. 20768

**ROADWAY PLANS**  
**ENGINEER OF RECORD:**  
RONALD KERFOOT, P.E.  
P.E. NO.: 20768  
AIM ENGINEERING & SURVEYING, INC.  
2161 FOWLER ST.  
FORT MYERS, FL. 33901  
CONTRACT NO.: 160311  
VENDOR NO.: F650197775003  
CERTIFICATE OF AUTHORIZATION NO.: 3114

**LCDOT PROJECT MANAGER:**  
ALEJANDRO SLAIBE, E.I.

**GOVERNING STANDARD PLANS:**

Florida Department of Transportation, FY2019-20 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>

Standard Plans for Bridge Construction are included in the Structures Plans Component

**GOVERNING STANDARD SPECIFICATIONS:**

Florida Department of Transportation, July. 2019 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

**100% SUBMITTAL**  
**MAY 2019**

CONTRACT NO.	FISCAL YEAR	SHEET NO.
160311	19	1

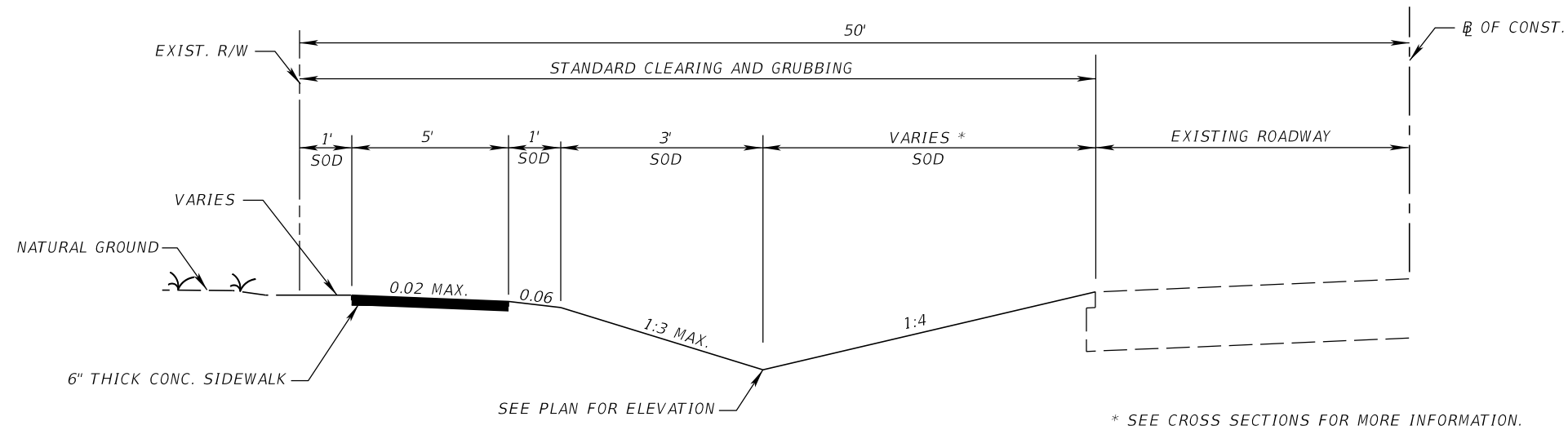
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Pay Item No.	Pay Item Description	Unit	Quantity
0101 1	Mobilization	LS	1
0101 2	Remove and Replace Carp Gate Attachment Hardware	LS	1
0102 1	Maintenance of Traffic	LS	1
0102 60	Work Zone Sign	ED	2760
0102 74 1	Channelizing Device, Type I, II, DI, VP, Drum, or LCD	ED	13200
0104 10 3	Sediment Barrier	LF	1941
0104 11	Floating Turbidity Barrier	LF	30
0107 1	Litter Removal	AC	7.97
0107 2	Mowing	AC	4.68
0110 1	Clearing and Grubbing (1.73 AC)	LS	1
0110 4 10	Removal of Existing Concrete	SY	1280
0120 1	Regular Excavation	CY	1070
0120 6	Embankment	CY	151
0121 70 5	Flowable Fill, 24"	CY	59.8
0334 - 11	Superpave Asphaltic Conc., 2"	TN	9.9
0339 1	Misc. Asph. Pavement	TN	0.7
0400 4 1	Concrete Class IV, Culverts	CY	18.3
0415 1 1	Reinforced Steel, Roadway	LB	3147
0425 1 481	Inlet, Curb, Type 8, <10'	EA	3
0425 1 521	Inlet, DBI, Type C. <10'	EA	42
0425 1 541	Inlet, DBI, Type D. <10'	EA	1
0425 2 42	Manholes, J-7, <10'	EA	3
0425 3 62	Junction Boxes, J-7, <10'	EA	1
0430 175 115	Pipe Culvert, Opt. Material, Round, 15" S/CD	LF	121
0430 175 118	Pipe Culvert, Opt. Material, Round, 18" S/CD	LF	2782
0430 175 124	Pipe Culvert, Opt. Material, Round, 24" S/CD	LF	163
0430 175 130	Pipe Culvert, Opt. Material, Round, 30" S/CD	LF	4
0515 2 311	Pedestrian/Bicycle Railing, Aluminum Only, 42" Type 1	LF	146
0520 1 7	Conc. Curb & Gutter, Type E	LF	51
0520 1 10	Conc. Curb & Gutter, Type F	LF	763
0522 2	Conc. Sidewalk, 6"	SY	3642
0522 3	Bus Boarding Pad, Conc.	SY	114
0527 2	Detectable Warnings	SF	173
0536 1 1	Guradrail-Roadway, General TL-3	LF	170
0536 6	Pipe Rail for Guardrail	LF	170
0538 85 20	Guradrail End Treatment-Trailing Anchorage	EA	1
0536 85 24	Guardrail End Treatment-Parallel Approach Terminal	EA	1
0570 1 2	Performance Turf	SY	6085
0630 2 11	Conduit, F&I, Open Trench	LF	4622
0630 2 12	Conduit, F&I, Directional Bore	LF	903
0635 2 12	Pull & Splice Box, F&I, 24"x36" Cover Size	EA	10
0700 1 50	Single Post Sign, Relocate	AS	25
0700 2 50	Multi Post Sign, Relocate	AS	5
0711 11 123	Thermo., Std., White, Solid, Crosswalk/RA, 12"	LF	490
0711 11 125	Thermo., Std., White, Solid, Stop Line, 24"	LF	73
0711 16 101	Thermo., Std., Other Surfaces, White, Solid, 6"	GM	0.126

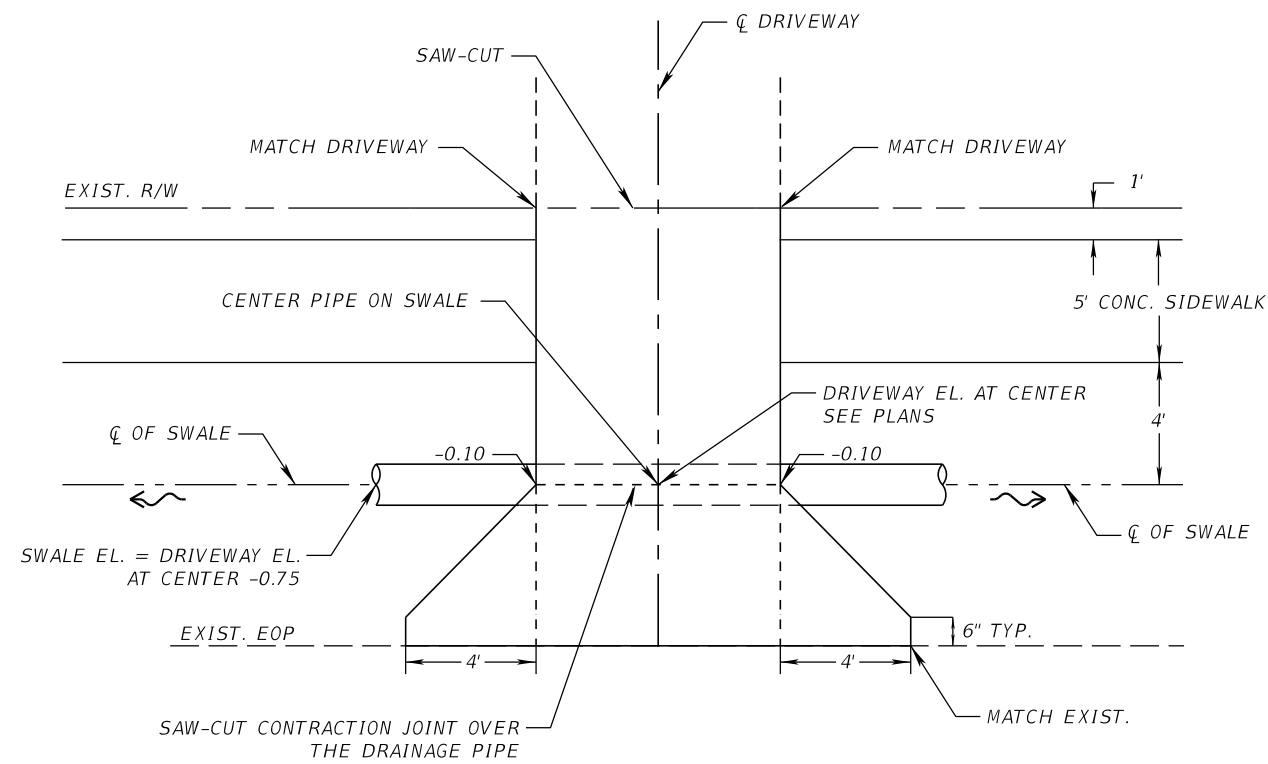
REVISIONS				AIM Engineering & Surveying, Inc. 2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SHEET NO.  2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER	
					LEE	17-0569		

**SUMMARY OF PAY ITEMS**

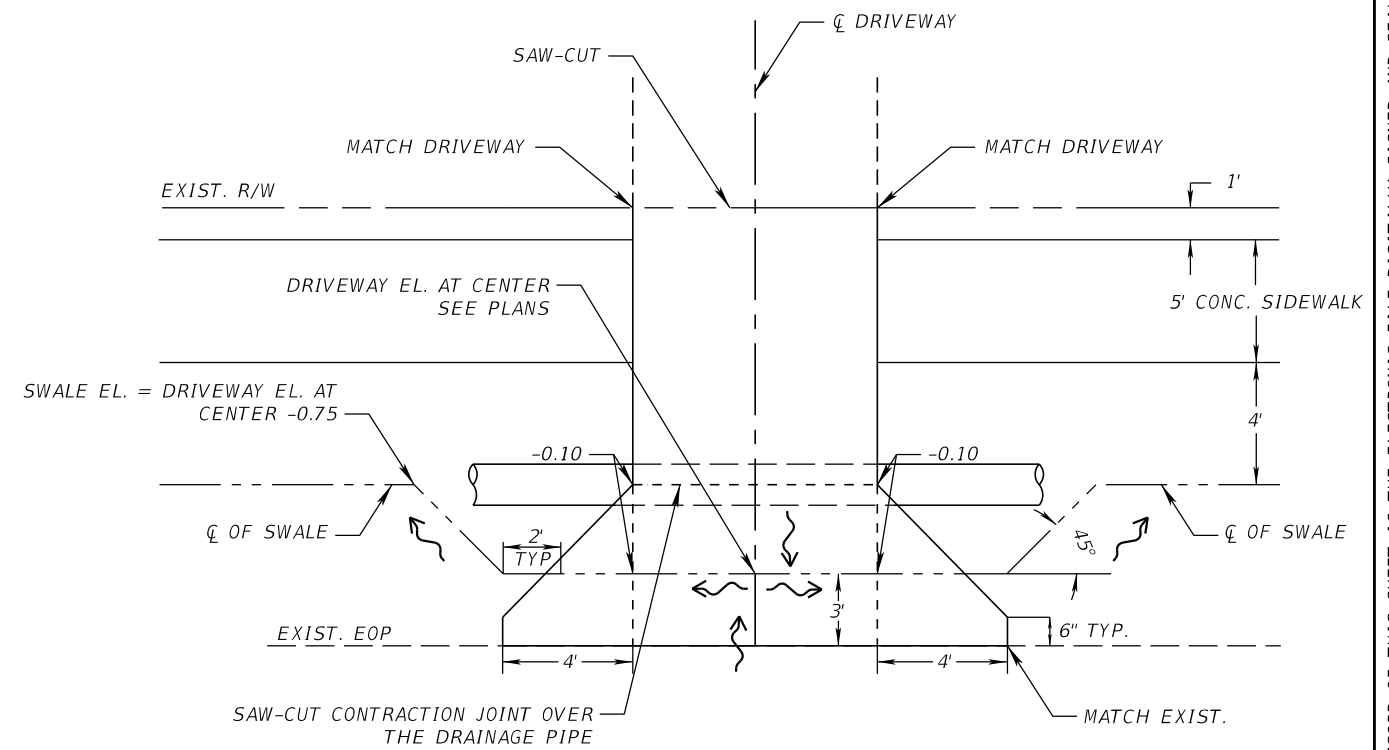
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TYPICAL SECTION  
SWALE AND SIDEWALK  
STA. 13+53.25 TO STA. 63+20.00

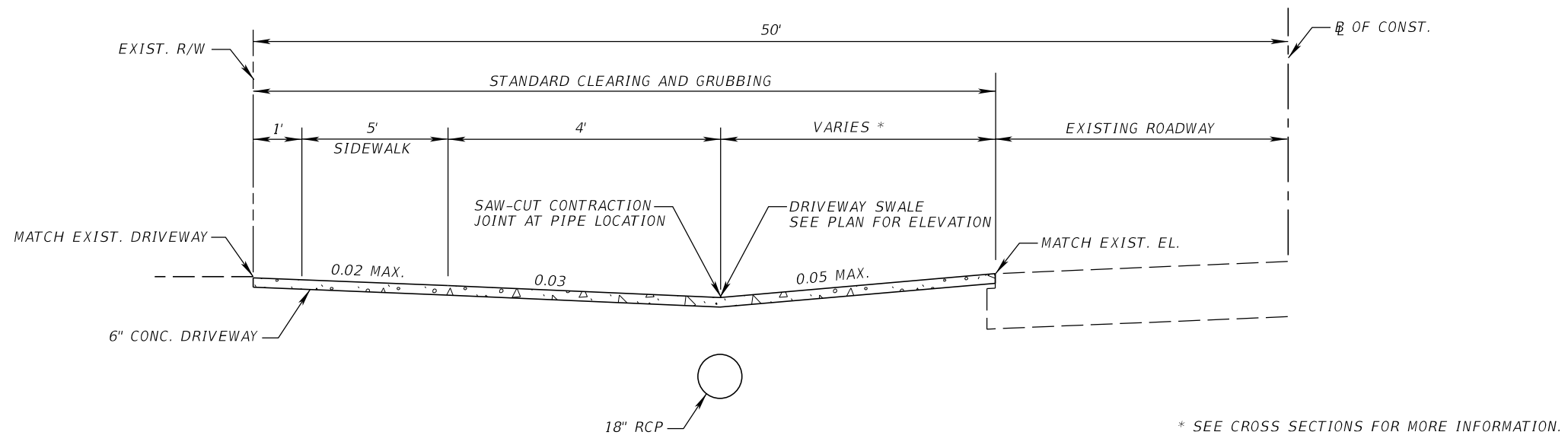


TYPICAL TYPE A DRIVeway PLAN

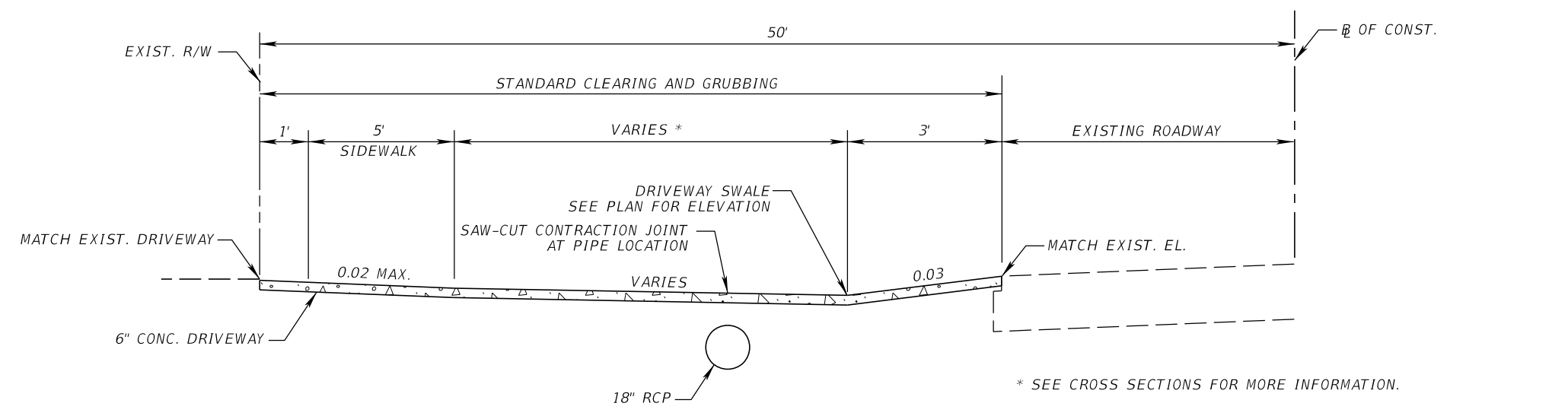


TYPICAL TYPE B DRIVeway PLAN

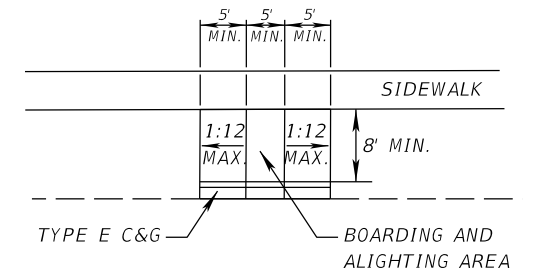
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER		
						LEE	170569		



TYPICAL SECTION  
 TYPE **(A)** DRIVEWAY  
 STA. 13+53.25 TO STA. 63+20.00



TYPICAL SECTION  
 TYPE **(B)** DRIVEWAY  
 STA. 13+53.25 TO STA. 63+20.00



BUS PAD DETAIL

REVISIONS				AIM Engineering & Surveying, Inc. 2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114	LEE COUNTY DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAILS	SHEET NO. 4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER		
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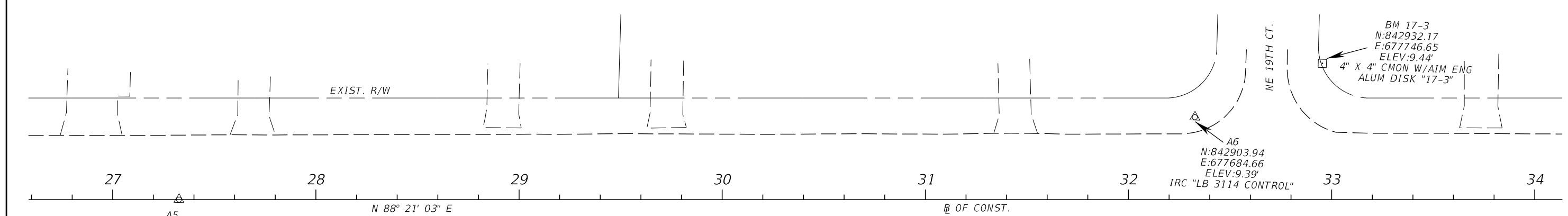
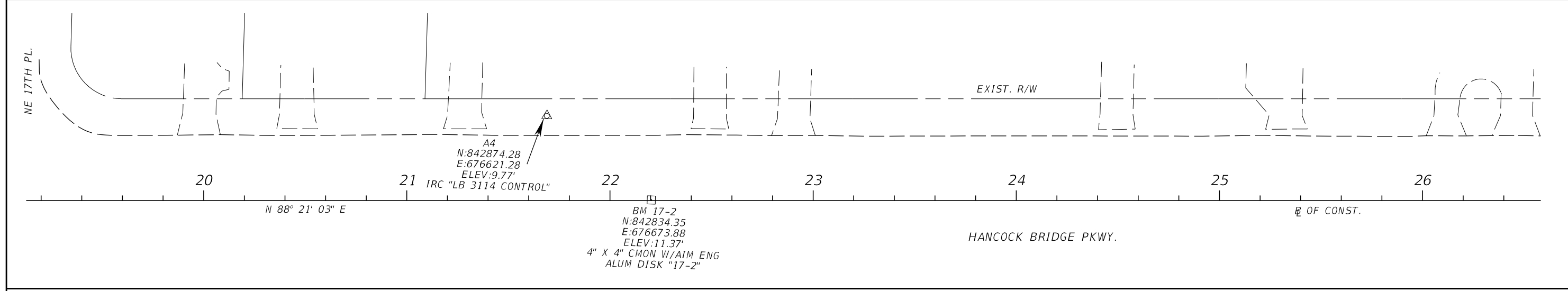
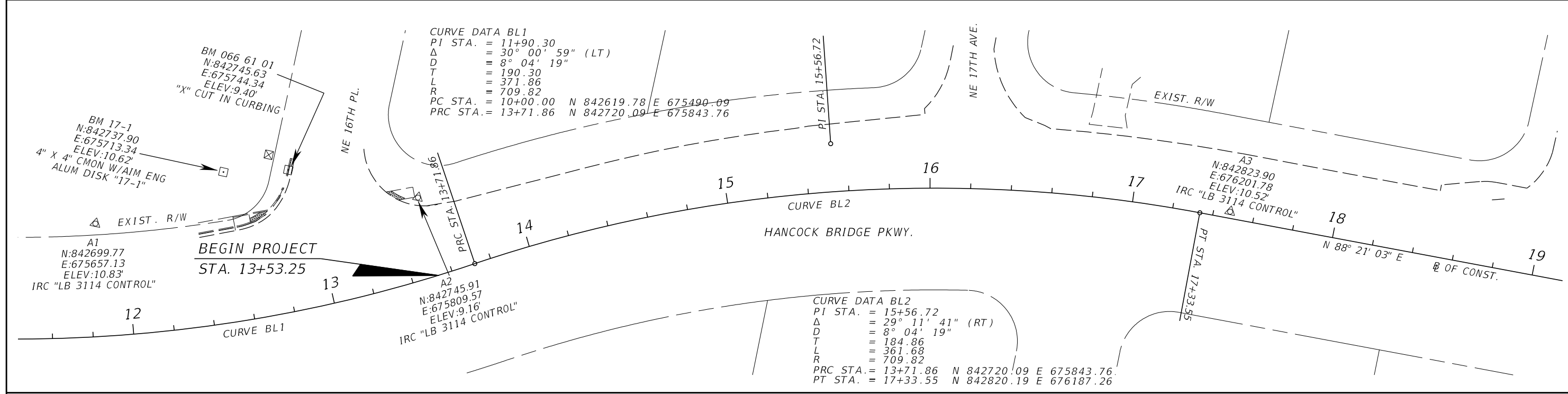
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QTY	STR.	STATION	SIDE	DESCRIPTION	B R L S	STORM DRAIN				MANHOLE TYPE I <10'	DITCH BOTTOM INLET		CURB INLET TYPE 8 <10'	JUNCTION BOX (J-BOTTOM) <10'	PERF. TURF (SOD) SY	REMARKS
						ROUND					C <10'	D <10'				
						15"	18"	24"	30"							
P	S-1	15+35.00	LT	DBI, PIPE	1		71				1				6 Precast DBI	
F																
P	S-2	16+04.23	LT	MH, PIPE	1			4	1						P-7 Bottom	
F																
P	S-3	16+58.00	LT	DBI, PIPE	1		54				1				6 Precast DBI	
F																
P	S-4	17+12.89	LT	DBI, PIPE	1		55				1				6 Precast DBI	
F																
P	S-5	17+99.72	LT	DBI, PIPE	1		85				1				6 Precast DBI	
F																
P	S-6	19+30.65	LT	MH, PIPE	1		44		1						P-7 Bottom	
F																
P	S-7	19+31.54	LT	JUNCTION BOX, PIPE	1		28						1		6 3.5'x3.5' Utility Conflict Box w/Steel Casing	
F																
P	S-8	19+36.92	LT	DBI, PIPE	1		110				1				6 Precast DBI	
F																
P	S-9	19+76.58	LT	DBI, PIPE	1		42				1				6 Precast DBI	
F																
P	S-10	20+21.77	LT	DBI, PIPE	1		62				1				6 Precast DBI	
F																
P	S-11	20+87.27	LT	DBI, PIPE	1		99				1				6 Precast DBI	
F																
P	S-12	21+89.48	LT	DBI, PIPE	1		77				1				6 Precast DBI	
F																
P	S-13	22+69.94	LT	DBI, PIPE	1		57				1				6 Precast DBI	
F																
P	S-14	23+30.00	LT	DBI	1						1				6 Precast DBI	
F																
P	S-15	24+30.00	LT	DBI, PIPE	1		58				1				6 Precast DBI	
F																
P	S-16	24+90.94	LT	DBI, PIPE	1		79				1				6 Precast DBI	
F																
P	S-17	25+73.23	LT	DBI, PIPE	1		52				1				6 Precast DBI	
F																
P	S-18	26+27.96	LT	DBI, PIPE	1		35				1				6 Precast DBI	
F																
P	S-19	26+65.66	LT	DBI, PIPE	1		63				1				6 Precast DBI	
F																
P	S-20	27+31.87	LT	DBI, PIPE	1		96				1				6 Precast DBI	
F																
P	S-21	28+30.41	LT	DBI, PIPE	1		99				1				6 Precast DBI	
F																
P	S-22	29+32.17	LT	DBI, PIPE	1		85				1				6 Precast DBI	
F																
P	S-23	30+20.00	LT	DBI, PIPE	1		97				1				6 Precast DBI	
F																
P	S-24	31+20.00	LT	DBI, PIPE	1		77				1				6 Precast DBI	
F																
P	S-25	31+99.72	LT	DBI	1						1				6 Precast DBI	
F																
P	S-26	32+26.66	LT	DBI, PIPE	1		99				1				6 Precast DBI	
F																
P	S-27	34+29.17	LT	DBI, PIPE	1		68				1				6 Precast DBI	
F																
P	S-28	35+00.00	LT	DBI, PIPE	1		53				1				6 Precast DBI	
F																
P	S-29	35+56.21	LT	DBI, PIPE	1		52				1				6 Precast DBI	
F																
P	S-30	36+11.46	LT	DBI, PIPE	1		68				1				6 Precast DBI	
F																
P	S-31	36+82.18	LT	DBI, PIPE	1		77				1				6 Precast DBI	
F																
P	S-32	37+62.03	LT	DBI, PIPE	1		95				1				6 Precast DBI	
F																
P	S-33	38+60.00	LT	DBI, PIPE	1		62				1				6 Precast DBI	
F																
P	S-34	39+25.56	LT	DBI, PIPE	1		75				1				6 Precast DBI	
F																
SUBTOTAL :							2174	4		2	30	1		1	192	

REVISIONS				AIM Engineering & Surveying, Inc.		LEE COUNTY DEPARTMENT OF TRANSPORTATION			SUMMARY OF DRAINAGE STRUCTURES		SHEET NO. 5
DATE	DESCRIPTION	DATE	DESCRIPTION	2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114		ROAD NO.	COUNTY	AIM PROJECT NUMBER			
							LEE	17-0569			

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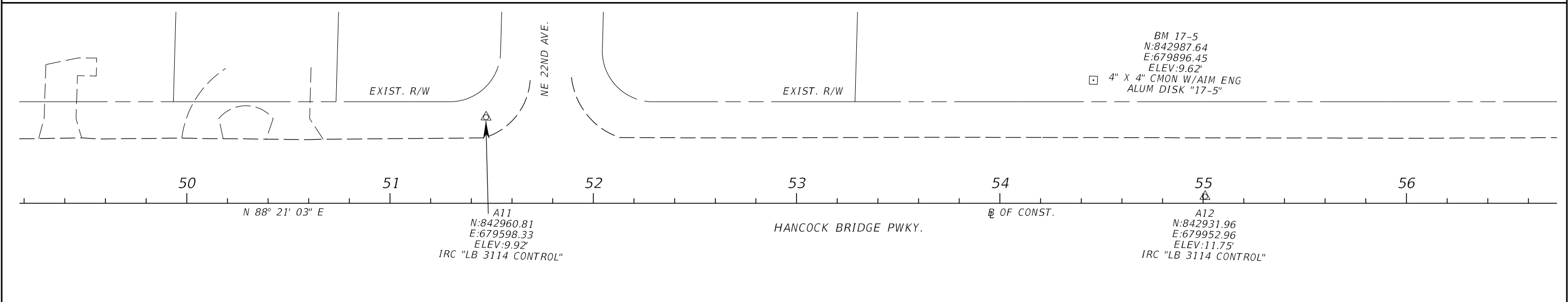
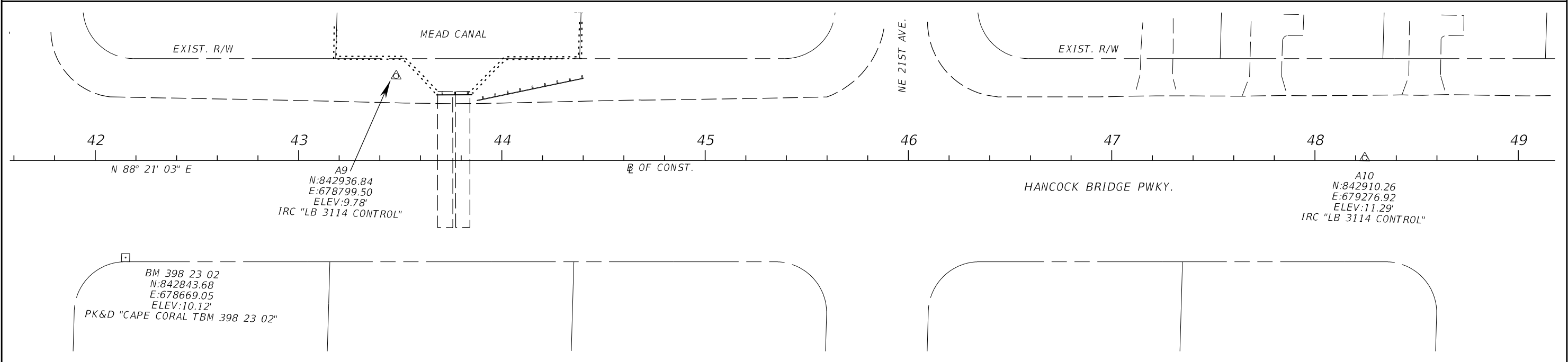
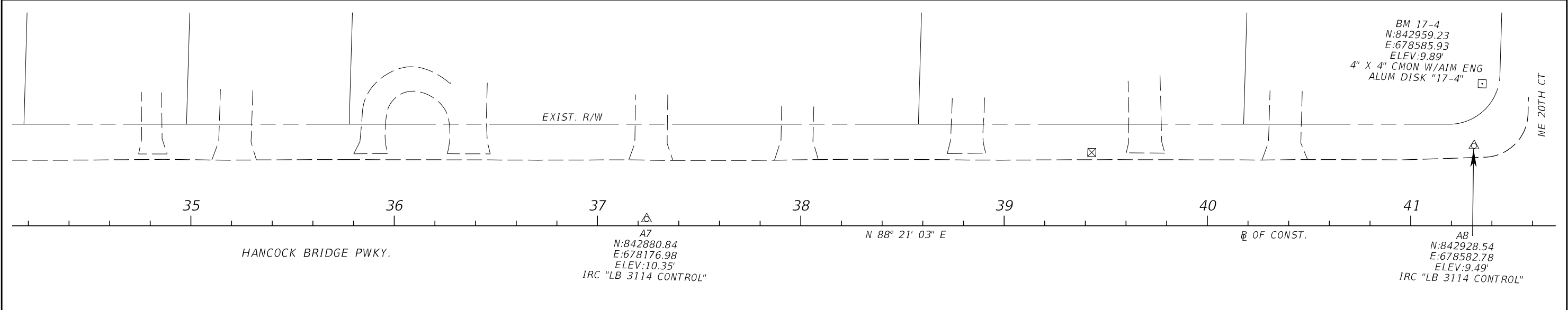




- PROJECT CONTROL NOTES:
- PROJECT IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, WEST ZONE, ON THE NORTH AMERICAN DATUM OF 1983 (NAD 83).
  - ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88).

REVISIONS				AIM Engineering & Surveying, Inc. 2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114	LEE COUNTY DEPARTMENT OF TRANSPORTATION			PROJECT CONTROL LAYOUT	SHEET NO. 7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER		
					LEE	17-0569			

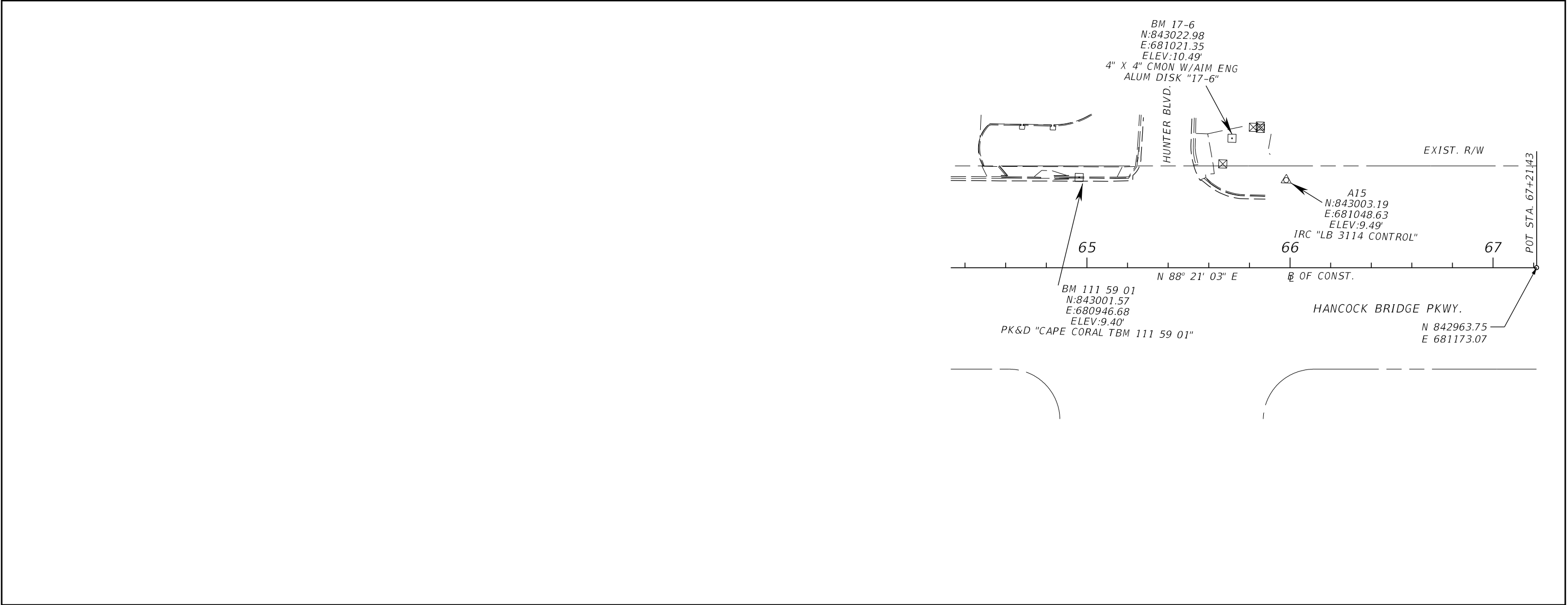
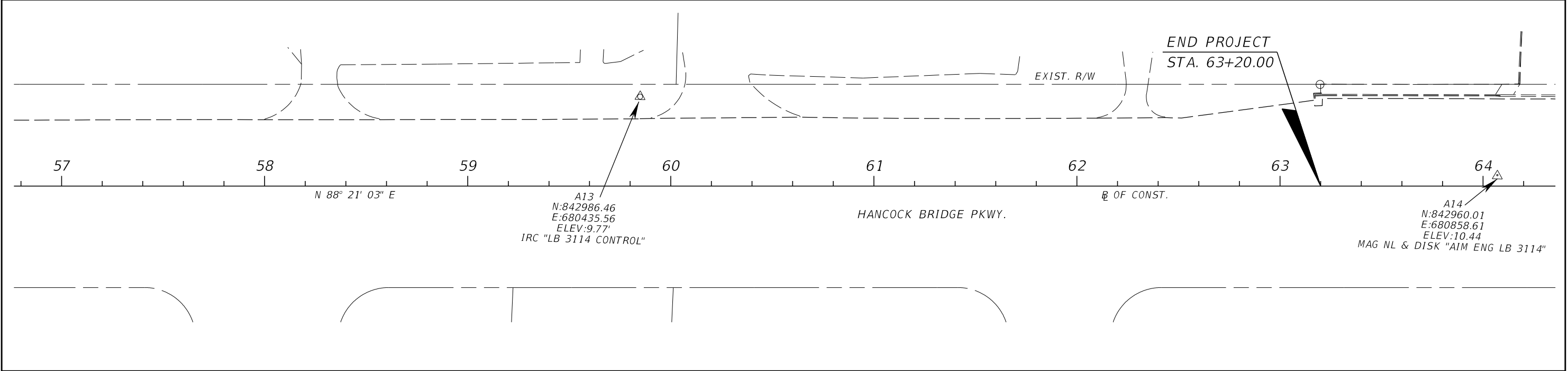
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER		
					LEE	17-0569			

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER		
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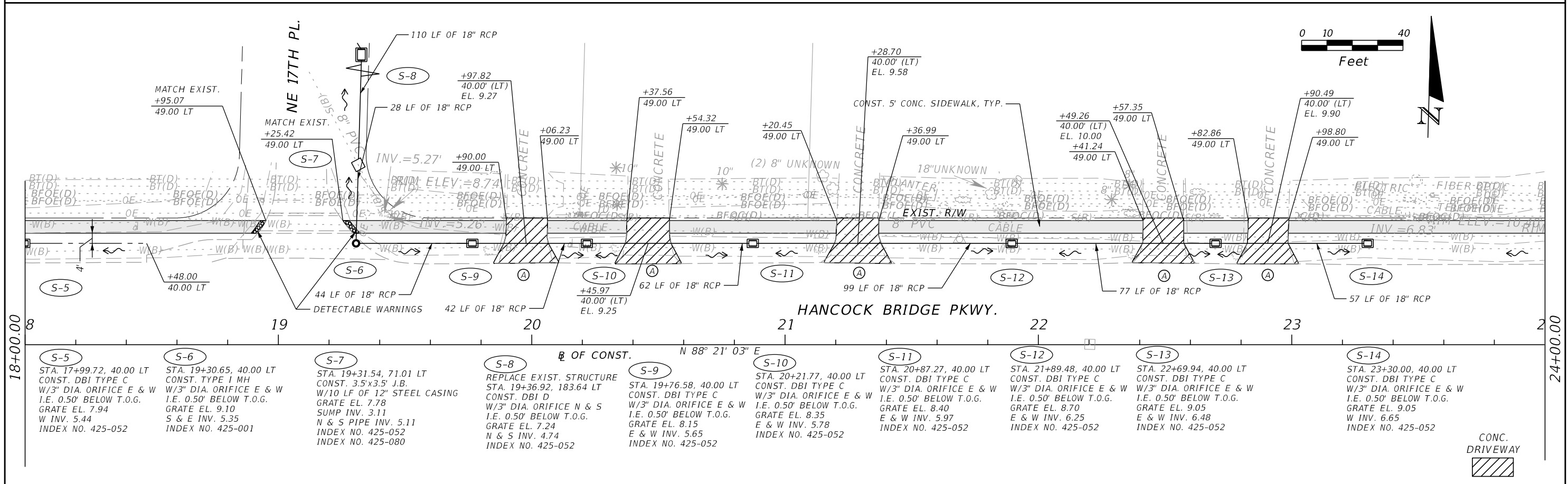
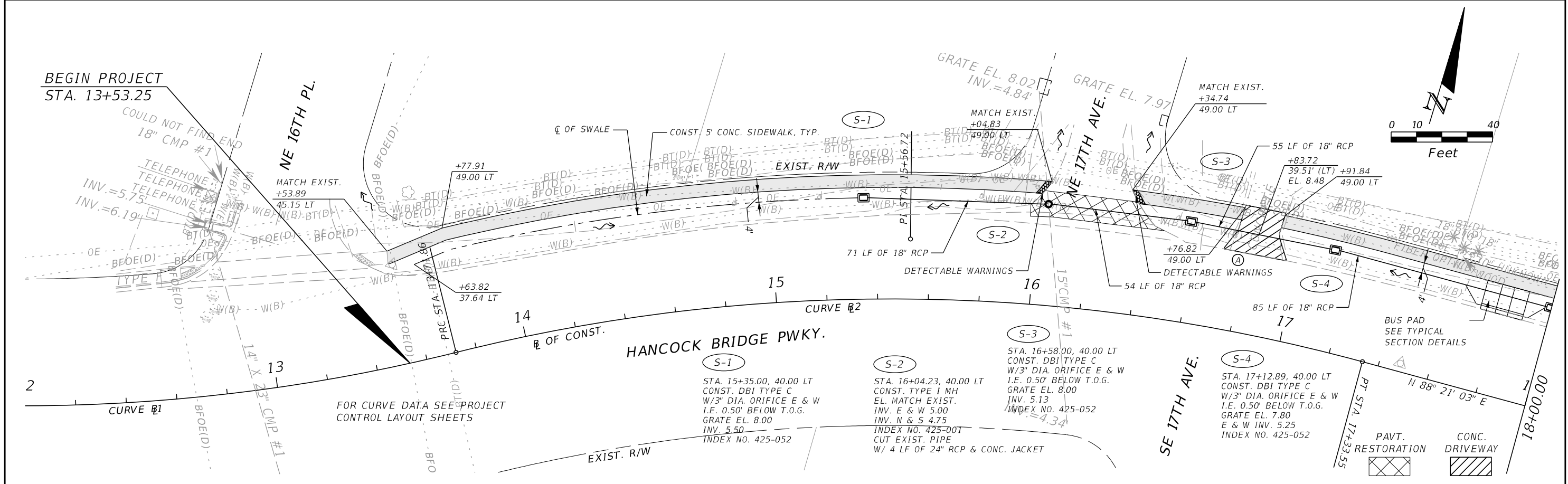
**GENERAL NOTES:**

1. ALL STATIONS AND OFFSETS REFER TO  $\frac{1}{4}$  OF CONST., UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL FIELD VERIFY ANY AND ALL EXISTING CONDITIONS PRIOR TO COMMENCING CONSTRUCTION AND SHALL NOTIFY THE ENGINEER PROMPTLY OF ANY DISCREPANCIES.
3. ANY PUBLIC LAND CORNER OR BENCHMARK 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 ENGINEER SHALL BE NOTIFIED.
4. THE CONTRACTOR SHALL USE CARE IN LOCATIONS WHERE SIDEWALK IS JOGGED TO AVOID IMPACTS TO EXISTING TREES, OR IMPACTS TO EXISTING FENCE THAT ARE TO REMAIN.
5. THE CONSTRUCTION LENGTHS INDICATED IN THESE PLANS ARE APPROXIMATE. ACTUAL LIMITS MAY BE SET IN THE FIELD AS DIRECTED BY THE ENGINEER.
6. LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME THESE DRAWINGS WERE PREPARED, BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT SIZE, LOCATION, DEPTH, HEIGHT, ELEVATION, DIMENSION, AND EXTENT OF ALL UNDERGROUND AND OVERHEAD FACILITIES AND OTHER FEATURES AFFECTING HIS WORK PRIOR TO PROCEEDING WITH ANY CONSTRUCTION ACTIVITY THAT MAY AFFECT SUCH FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE COORDINATION OF CONSTRUCTION SCHEDULING BETWEEN THE CONTRACTOR AND ALL UTILITY AGENCIES. THIS INCLUDES MEETING WITH UTILITY AGENCIES PRIOR TO THE PRE CONSTRUCTION CONFERENCE TO ADJUST THEIR SCHEDULES TO COINCIDE WITH THE CONTRACTOR'S CONSTRUCTION SCHEDULE.
8. THE CONTRACTOR SHALL FURTHER COORDINATE WITH UTILITY OWNERS TO RESOLVE CONFLICTS THAT MAY ARISE IN THE FIELD DURING CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY UTILITIES DAMAGED AS A RESULT OF THE CONTRACTOR'S FAILURE TO CALL "SUNSHINE 811" AND THE UTILITY OWNERS.
9. ALL EXISTING AND PROPOSED UTILITY STRUCTURES WHOSE TOPS WILL BE EXPOSED WITHIN ANY SIDEWALK OR PAVED AREA SHALL BE ADJUSTED SO THAT THE TOP SURFACE OF COVERS OR FRAMES SHALL BE FLUSH WITH THE SIDEWALK OR PAVEMENT SURFACE. ALL EXISTING AND PROPOSED UTILITY STRUCTURES WHOSE TOPS WILL BE EXPOSED WITHIN UNPAVED AREAS SUBJECT TO VEHICULAR, BICYCLE, COVERS OR FRAMES SHALL BE NO MORE THAN ONE INCH ABOVE THE FINISHED GRADE. WHERE SODDING IS APPLIED, "FINISHED GRADE" SHALL BE THE NOMINAL HEIGHT OF GRASS AFTER THE SOD IS FIRMLY PLACED.
10. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN. UNLESS OTHERWISE NOTED.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE RESTORATION EFFORTS THAT MAY BE REQUIRED AS A RESULT OF CONSTRUCTION. THE CONTRACTOR SHALL USE WHATEVER METHODS, CONFORMING TO APPLICABLE STANDARDS, NECESSARY TO PREVENT EROSION AND SILTATION AS MAY BE REQUIRED FOR THE PROJECT.
12. ALL EROSION CONTROL FENCES, BARRIERS, AND SILTATION DEVICES SHALL BE ERECTED PRIOR TO ANY LAND ALTERATIONS, SHALL BE MAINTAINED IN GOOD WORKING ORDER DURING CONSTRUCTION, AND REMOVED FOLLOWING SOIL STABILIZATION AND FINAL DRESSING. BUILT-UP SEDIMENT WILL BE REMOVED FROM SILT FENCES AND STAKED TURBIDITY BARRIERS WHEN IT HAS REACHED ONE THIRD THE HEIGHT OF THE FENCE/BARRIER. STOCKPILE AREAS SHALL INCLUDE SILT FENCE AROUND THE PERIMETER. CONTRACTOR SHALL OBTAIN A NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORMWATER PERMIT FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) FOR THE CONSTRUCTION ACTIVITY.
13. THE CONTRACTOR SHALL NOT RESTRICT OR BLOCK THE EXISTING DRAINAGE FLOW OVERLAND OR WITHIN THE RESHAPED SWALES. FLOW WITHIN EXISTING DRAINAGE PIPES SHALL BE MAINTAINED AT ALL TIMES. STORMWATER WILL BE CONVEYED VIA EXISTING SWALES, DITCHES, PROPOSED DITCHES, AND EXISTING AND PROPOSED STORM SEWERS.
14. CONTRACTOR SHALL CHECK ALL EROSION AND SILTATION CONTROL DEVICES WEEKLY, AND AFTER EACH RAINFALL, AND REPAIR AND REPLACE THEM AS REQUIRED. MAINTENANCE AND INSPECTION OF THE CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION CONTROL SHALL BE INCLUDED IN THE COST OF PAY ITEMS LISTED.
15. ALL AREAS OF EXPOSED EARTH RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE SODDED AS DIRECTED BY THE ENGINEER.
16. SOD STABILIZATION SHALL OCCUR WITHIN 72 HOURS OF ACHIEVING FINAL GRADE. ALL SLOPES STEEPER THAN 3:1 SHALL INCLUDE SOD STAPLING OR STAKING, THE COST OF WHICH IS INCLUDED IN THE PAY ITEM FOR PERFORMANCE TURF (SY).
17. UNSUITABLE MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF SITE, AT A SUITABLE SITE PROVIDED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL PERMITS AND PERMITTING FEES REQUIRED FOR THE TRANSPORT AND DISPOSAL OF UNSUITABLE MATERIAL.
18. THE CONTRACTOR SHALL ENDEAVOR TO PROTECT PRIVATE PROPERTY. ANY PRIVATELY OWNED FEATURES LOCATED ON PRIVATE PROPERTY AND OUTSIDE THE DESIGNATED AREA OF CONSTRUCTION WHICH ARE DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE REPAIRED IN A TIMELY MANNER AT THE EXPENSE OF THE CONTRACTOR. PAYMENT SHALL NOT BE MADE FOR THIS WORK.
19. THE CONTRACTOR SHALL NOT DISTURB MORE GROUND THAN WHAT IS NECESSARY FOR CONSTRUCTION. NO OPEN EXCAVATED TRENCH, OR OTHER UNSAFE CONDITION, WILL BE LEFT OVERNIGHT. ALL WORK SITES WILL BE COMPLETELY RESTORED WITHIN SEVEN (7) CALENDAR DAYS OF THE CONCRETE POUR FOR SIDEWALK. THE INTENT OF THIS PROVISION IS TO "SAFE-UP" THE PROJECT SITE AS WORK PROGRESSES, AND SHALL INCLUDE REMOVING FORMS, FILLING HOLES, GRADING, AND REMOVAL OF DEBRIS.
20. ALL SIDEWALK DAMAGED BY THE CONTRACTOR OR SUBCONTRACTOR SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR, AT THE DIRECTION OF THE ENGINEER.
21. THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME IDENTIFICATION VISIBLE DURING CONSTRUCTION OPERATIONS.
22. THE CONTRACTOR SHALL STOCKPILE ALL MATERIALS AND STORE EQUIPMENT WITHIN RIGHT-OF-WAY LIMITS, OR APPROVED SITES ARRANGED BY CONTRACTOR. DRIVEWAYS AND STREETS CLOSURES SHALL BE KEPT TO A MINIMUM AND COORDINATED WITH CITY, COUNTY AND HOME OWNERS.
23. OFFSETS FOR DITCH BOTTOM INLETS AND MANHOLES ARE TO THE CENTER OF THE STRUCTURE. OFFSETS FOR STRAIGHT CONCRETE ENDWALLS ARE TO THE REFERENCE POINT AS IDENTIFIED IN FDOT STANDARD PLANS INDEX 430-030. OFFSETS FOR MITERED END SECTIONS ARE TO THE REFERENCE POINT AS IDENTIFIED IN FDOT STANDARD PLANS INDEX 430-021 AND 430-022.
24. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING OR REPLACING ANY EXISTING STRUCTURES THAT ARE TO REMAIN AND ARE DAMAGED DURING CONSTRUCTION.
25. EXISTING DRIVEWAY TRENCH DRAINS TO BE REMOVED, UNLESS OTHERWISE NOTED IN THE PLANS.
26. DETECTABLE WARNINGS AND SIDEWALK RAMPS SHALL BE IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX 522-002 AND THE AMERICANS WITH DISABILITIES ACT.
27. DRIVEWAY RECONSTRUCTION SHALL BE IN ACCORDANCE WITH LEE COUNTY ADMINISTRATIVE CODE AC-11-12.
28. DRIVEWAY LOCATION AND WIDTH MAY BE FIELD ADJUSTED DURING CONSTRUCTION IN COORDINATION WITH THE PROPERTY OWNERS.
29. ALL PIPES SHALL BE DESILTED.
30. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
31. CONTACT THE PROPERTY OWNERS 96 HOURS PRIOR TO CLEARING AND GRUBBING EXISTING FENCE, SPRINKLER SYSTEM, SIGNS, OR LANDSCAPING TO BE REMOVED WITHIN THE PROJECT LIMITS.

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER	
					LEE	17-0569		

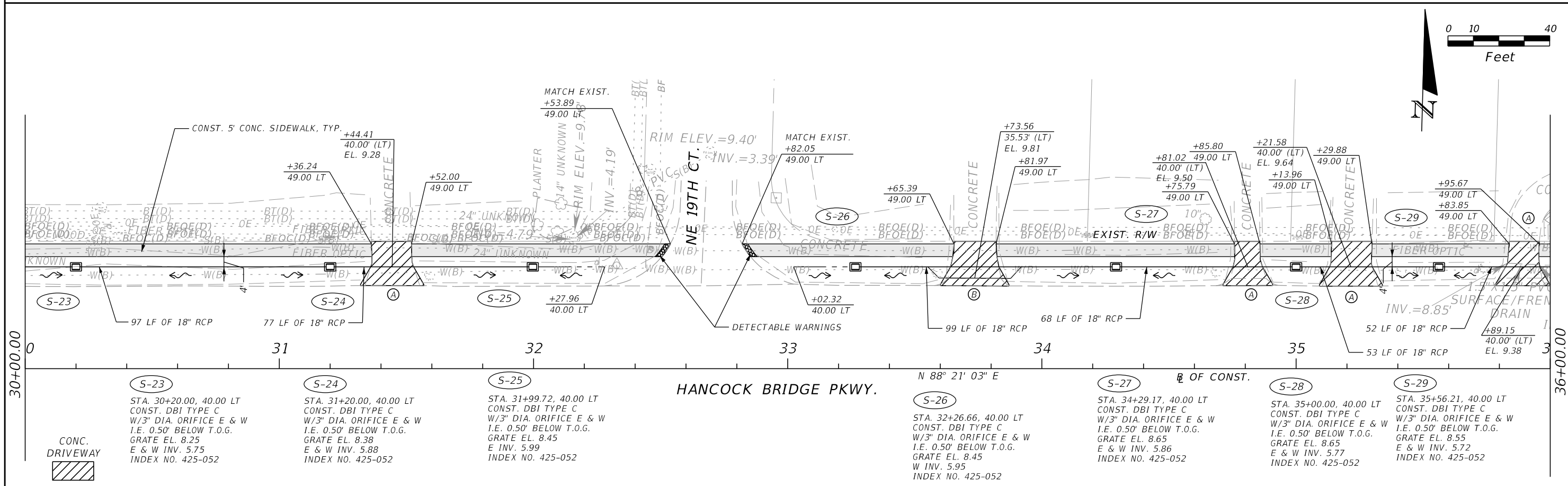
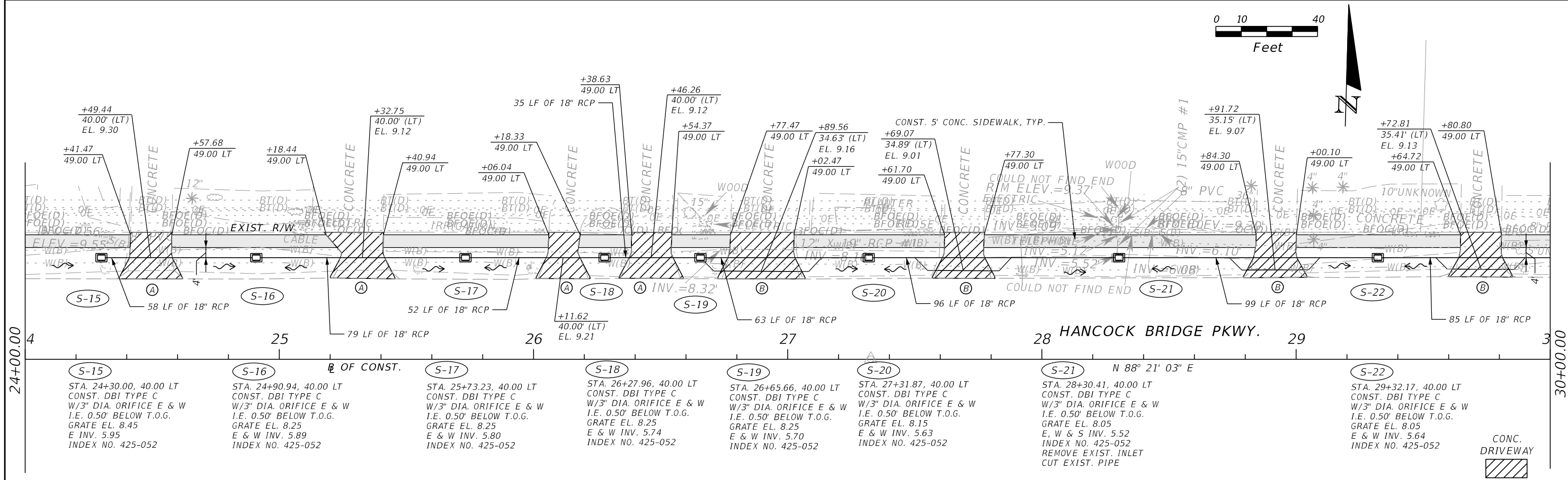
**GENERAL NOTES**

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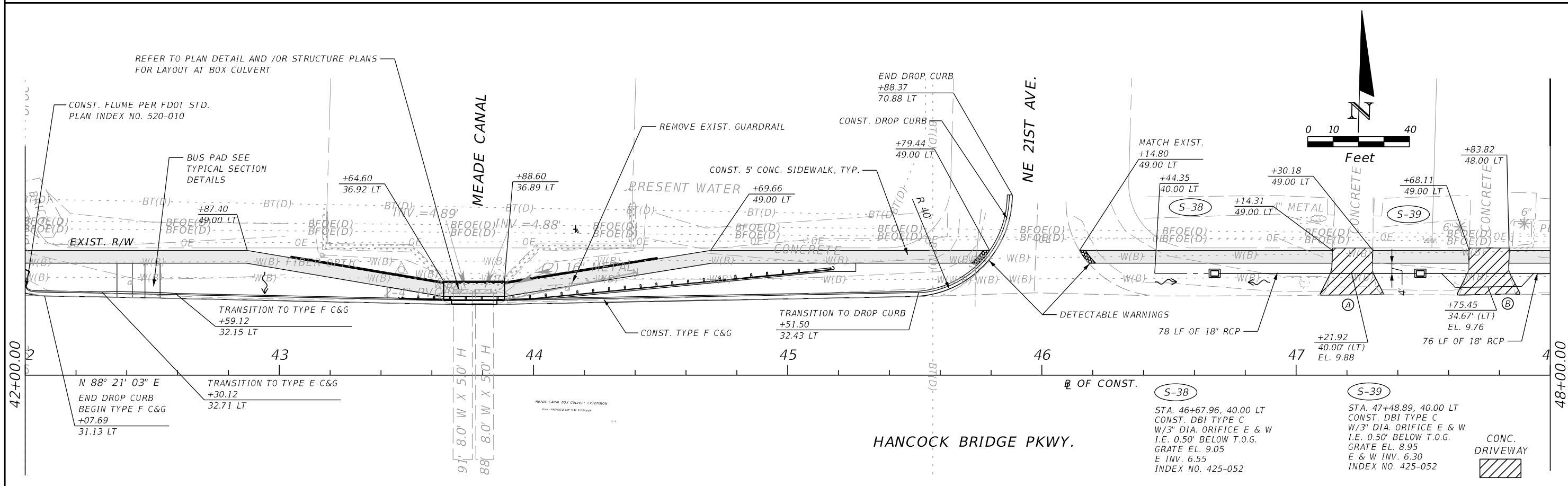
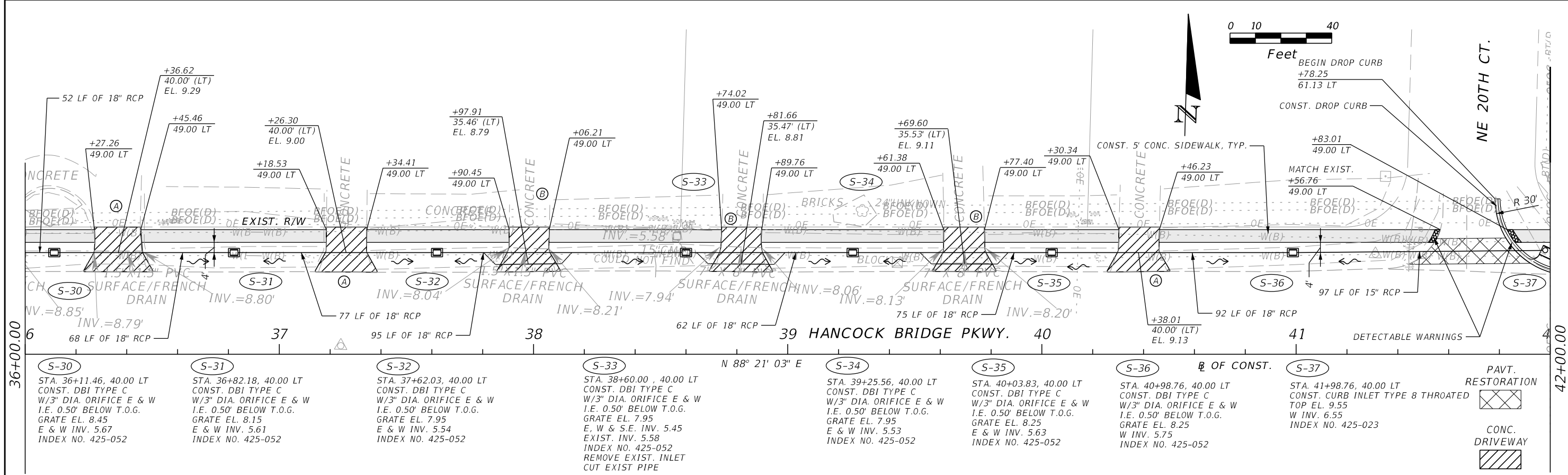
REVISIONS				AIM Engineering & Surveying, Inc. 2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114	LEE COUNTY DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. 11
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER		

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER		
					LEE	17-0569			

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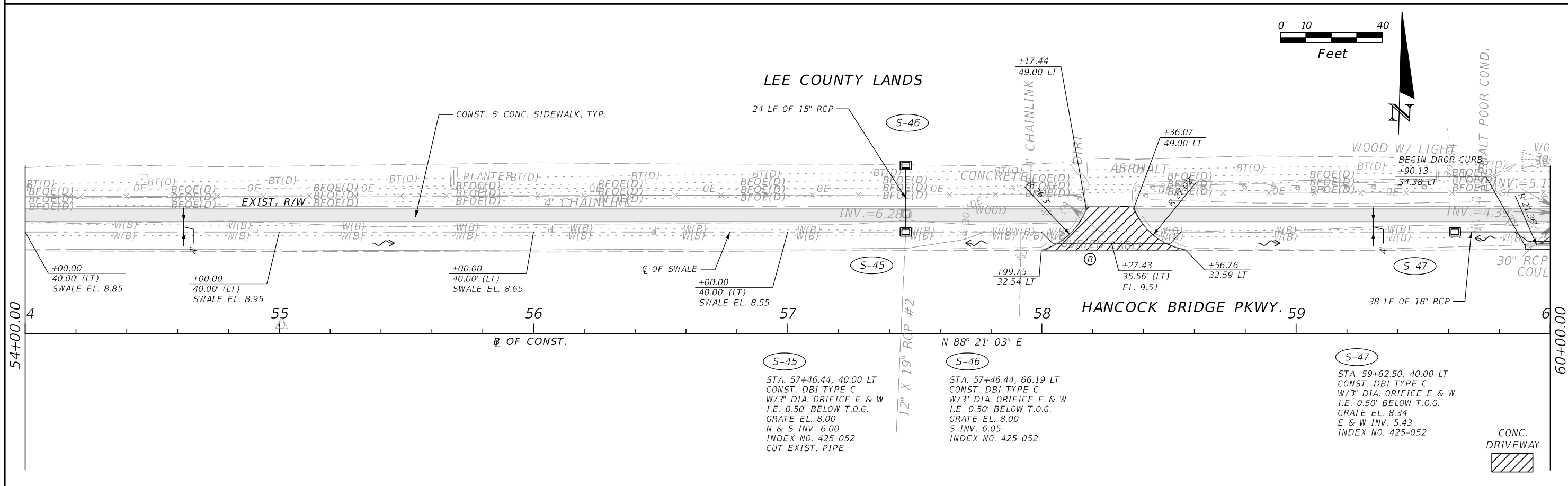
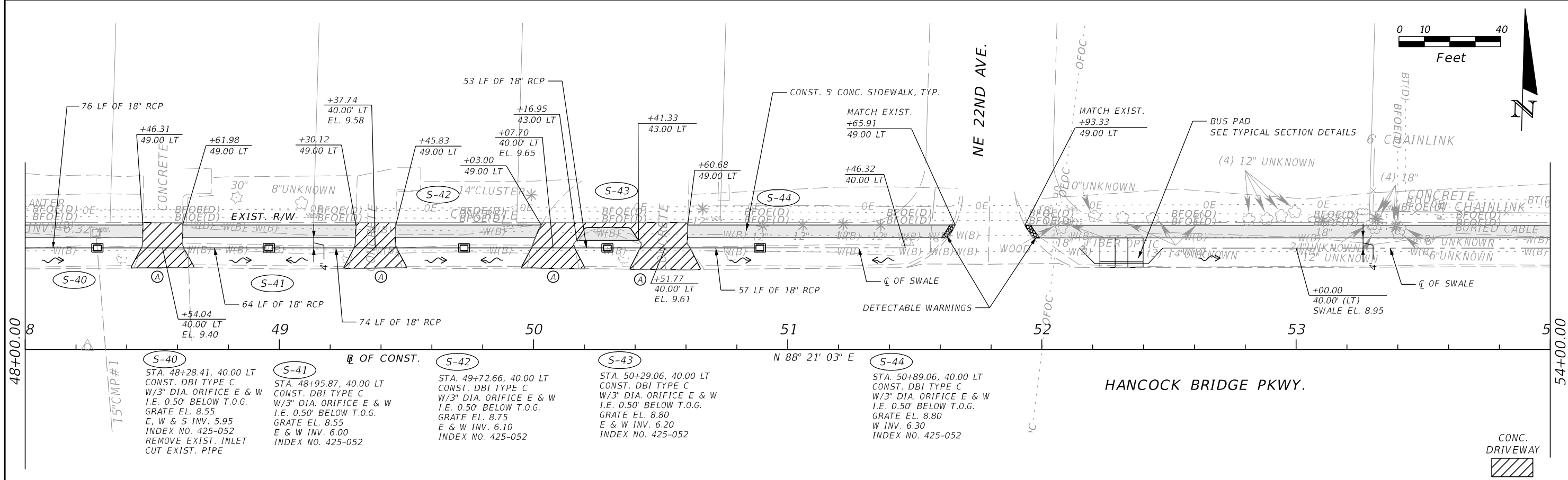
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	LEE	17-0569

**ROADWAY PLAN**

SHEET NO.  
13

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REVISIONS			
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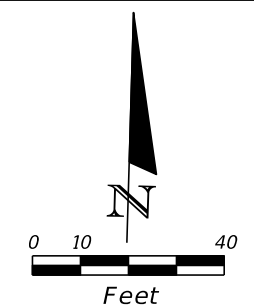
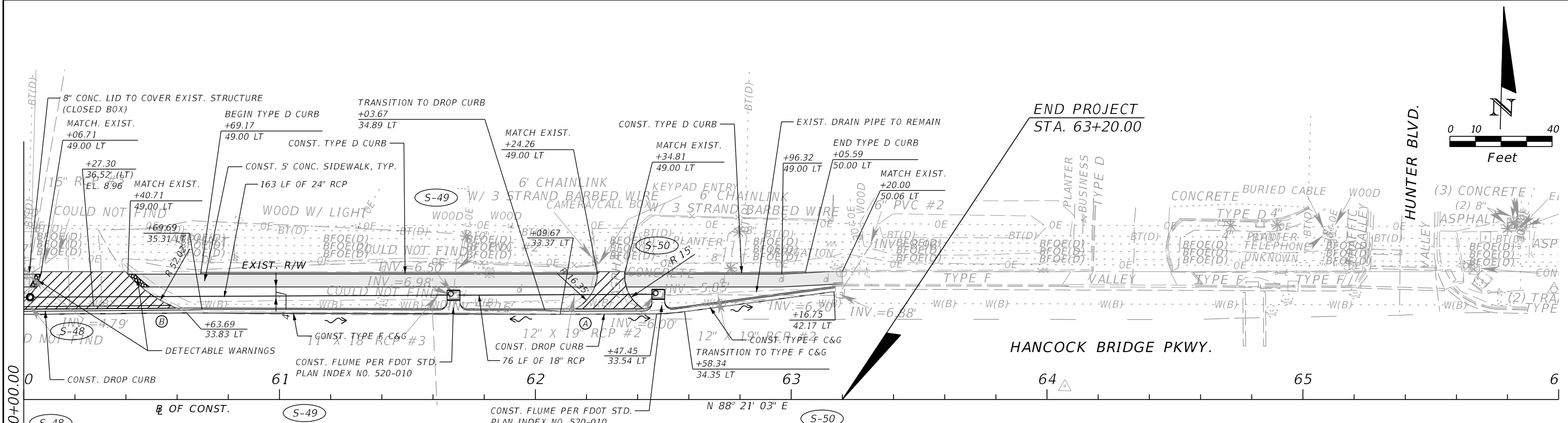
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ROAD NO.	COUNTY	AIM PROJECT NUMBER
	LEE	17-0569

**ROADWAY PLAN**

SHEET NO.  
14

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**S-48**  
 STA. 60+02.50, 40.00 LT  
 CONST. TYPE 1 MH  
 RIM EL. 9.10  
 INV 4.75 N, S & E  
 INV 5.35 W  
 INDEX NO. 425-001  
 CUT EXIST. PIPE  
 W/ 4 LF OF 30\"/>

**S-49**  
 REPLACE EXIST. DRAINAGE STR.  
 STA. 61+68.01, 40.81 LT  
 CONST. CURB INLET TYPE 8 THROATED  
 TOP EL. 8.70  
 E & W INV. 5.16  
 N INV. 6.98 10\"/>

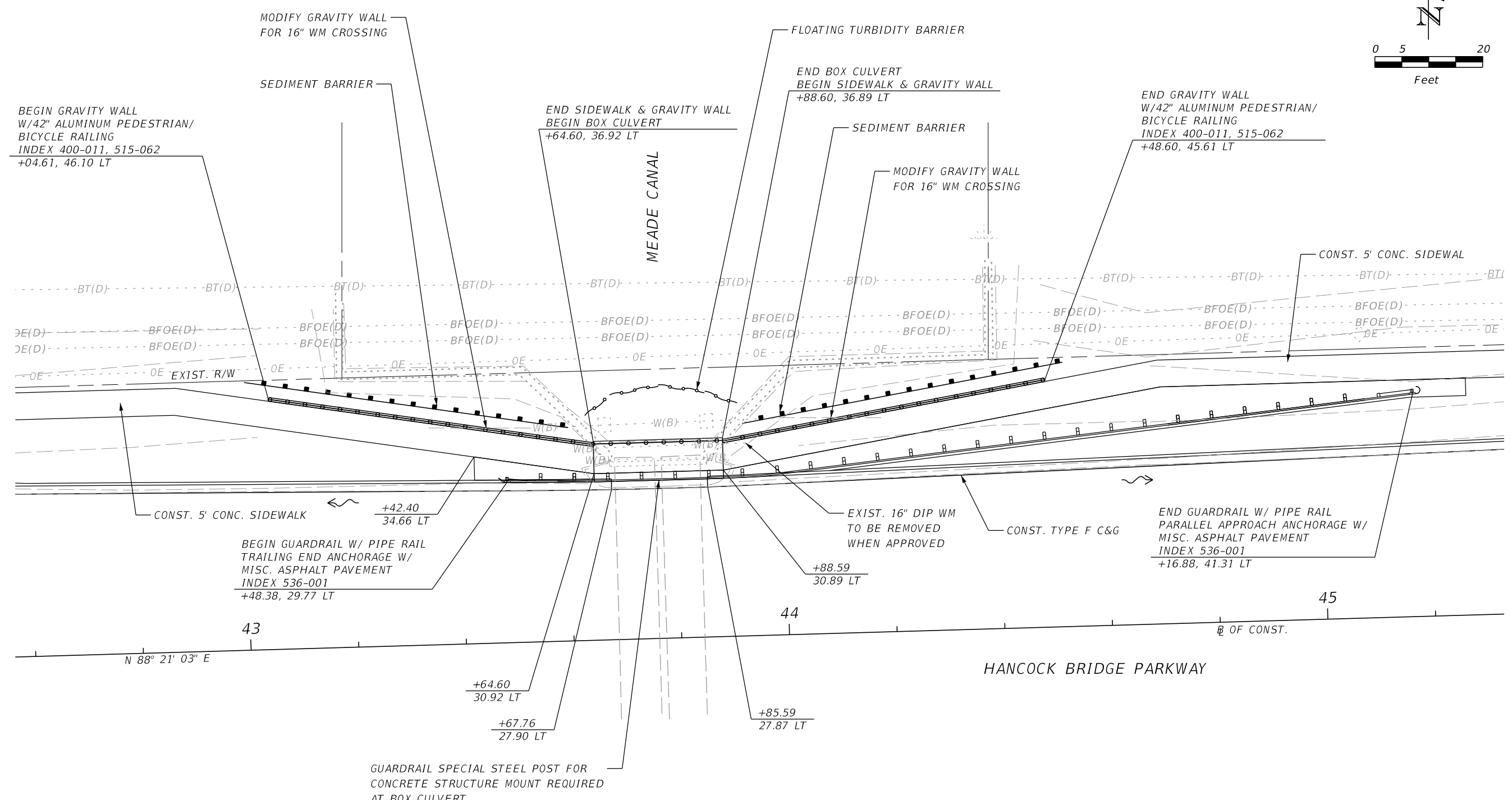
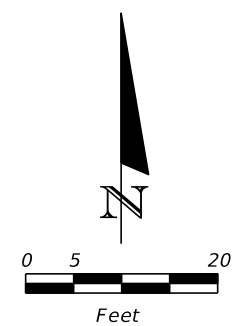
CONST. FLUME PER FDOT STD.  
 PLAN INDEX NO. 520-010

**S-50**  
 REPLACE EXIST. DRAINAGE STR.  
 STA. 62+48.03, 41.10 LT  
 CONST. CURB INLET TYPE 8 THROATED  
 TOP EL. 8.82  
 E, W & S INV. 5.85  
 INDEX NO. 425-023  
 CUT EXIST. PIPES WITH JACKET

CONC.  
 DRIVEWAY

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER		
					LEE	17-0569			

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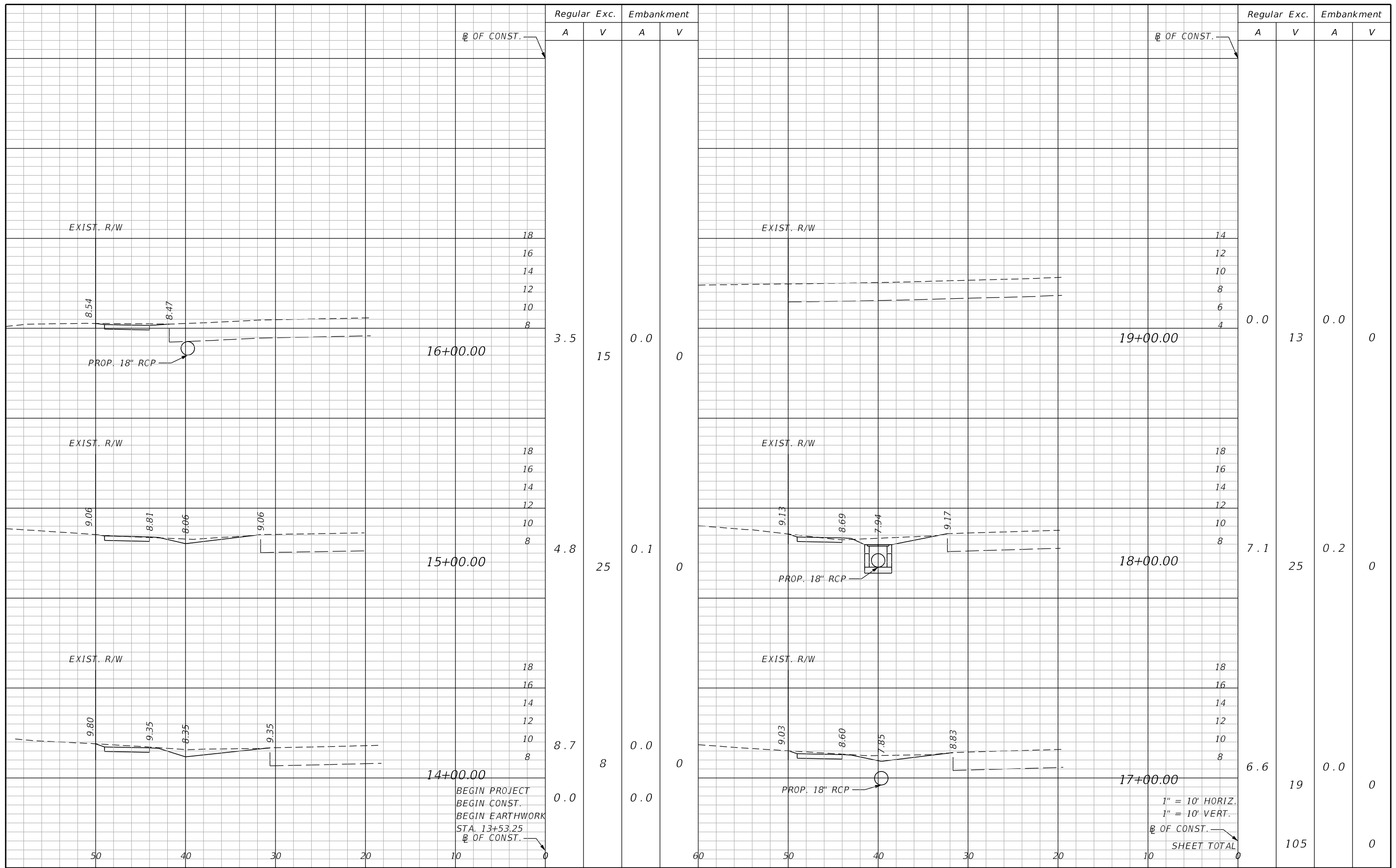
REFER TO STRUCTURE PLANS FOR LAYOUT AT BOX CULVERT

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER	
						LEE	17-0569	

*PLAN DETAIL*

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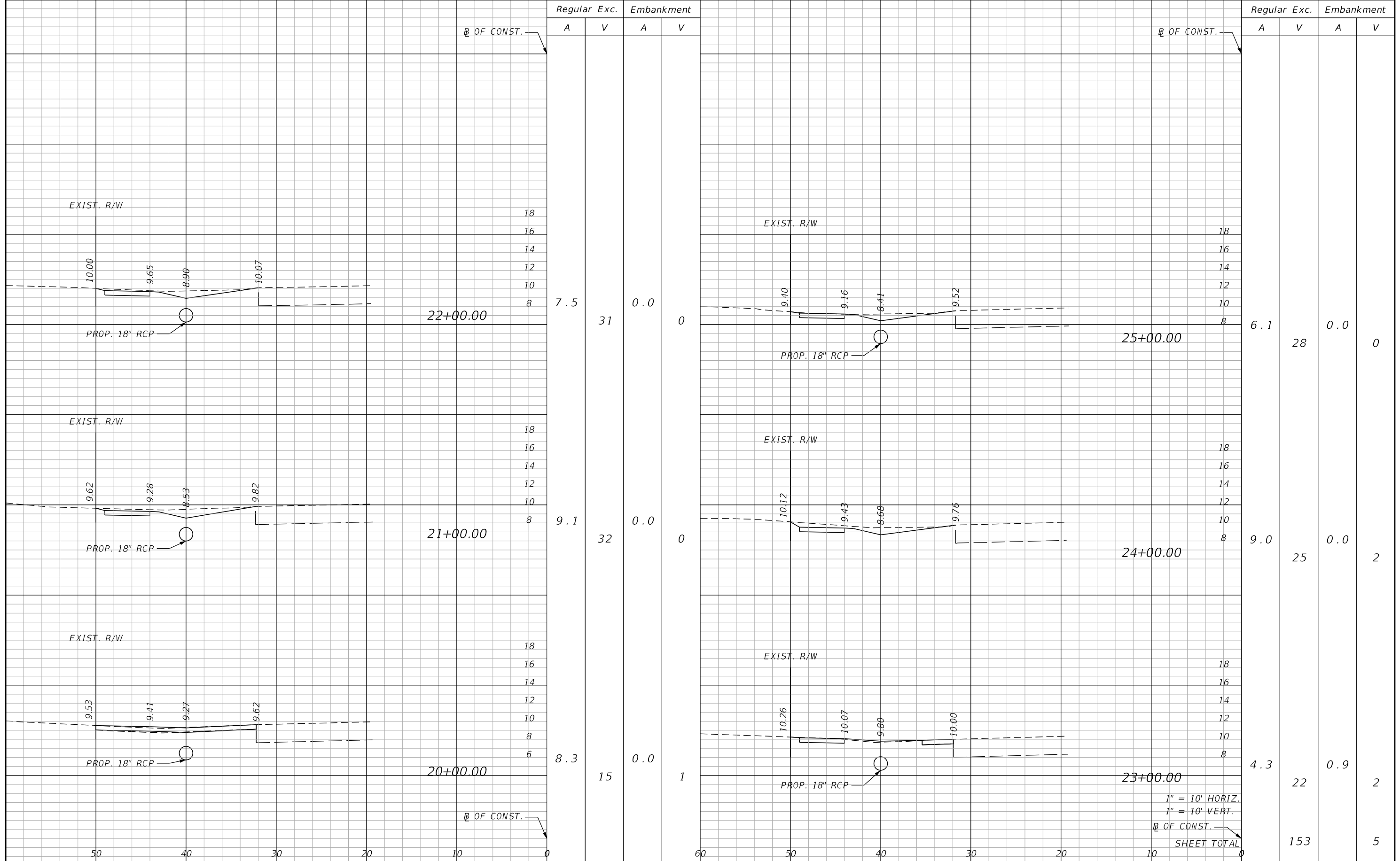
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**DEPARTMENT OF TRANSPORTATION**

ROAD NO.	COUNTY	AIM PROJECT NUMBER
	LEE	17-0569

**CROSS SECTIONS**

SHEET NO.  
**17**

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Regular Exc. Embankment

A V A V

Regular Exc. Embankment

A V A V

7.5

31

0.0

0

6.1

28

0.0

0

9.1

32

0.0

0

9.0

25

0.0

2

8.3

15

0.0

1

4.3

22

0.9

2

1" = 10' HORIZ.  
1" = 10' VERT.

B OF CONST.

SHEET TOTAL

153

5

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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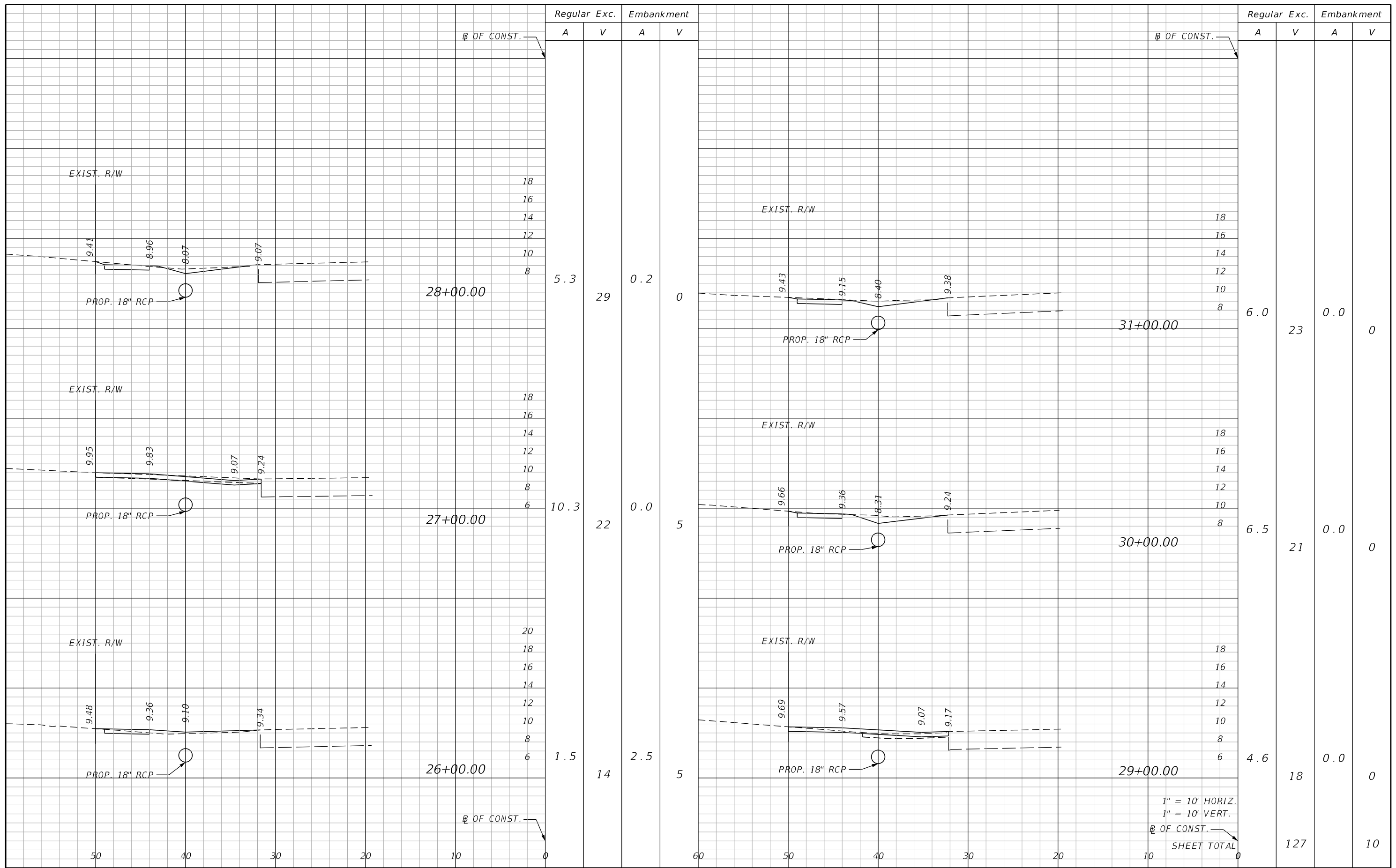
LEE COUNTY  
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	AIM PROJECT NUMBER
	LEE	17-0569

CROSS SECTIONS

SHEET NO.  
18

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1" = 10' HORIZ.  
1" = 10' VERT.

OF CONST.

SHEET TOTAL

REVISIONS			
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AIM Engineering & Surveying, Inc.  
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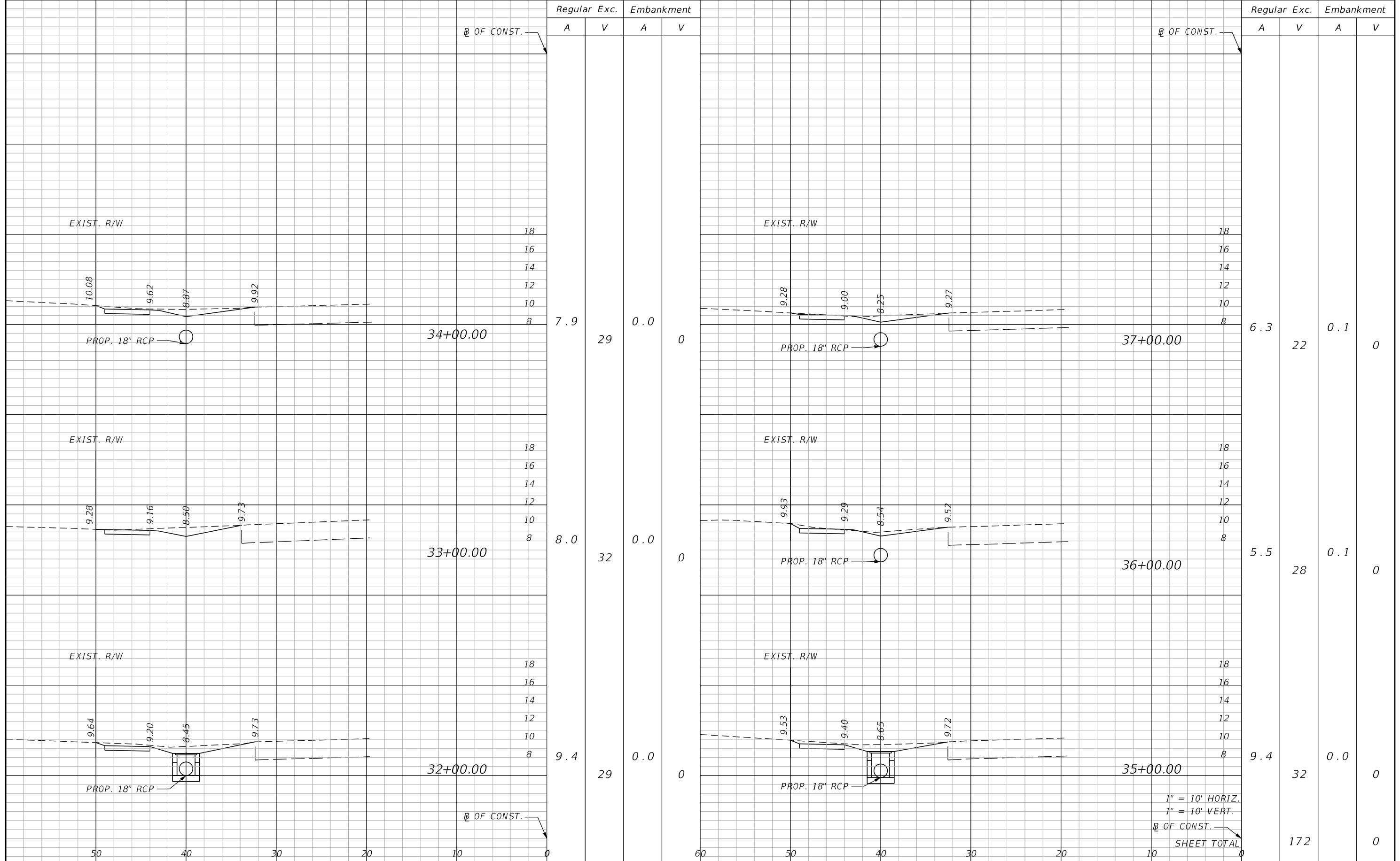
**LEE COUNTY**  
**DEPARTMENT OF TRANSPORTATION**

ROAD NO.	COUNTY	AIM PROJECT NUMBER
	LEE	17-0569

CROSS SECTIONS

SHEET NO.  
**19**

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1" = 10' HORIZ.  
 1" = 10' VERT.  
 B OF CONST.  
 SHEET TOTAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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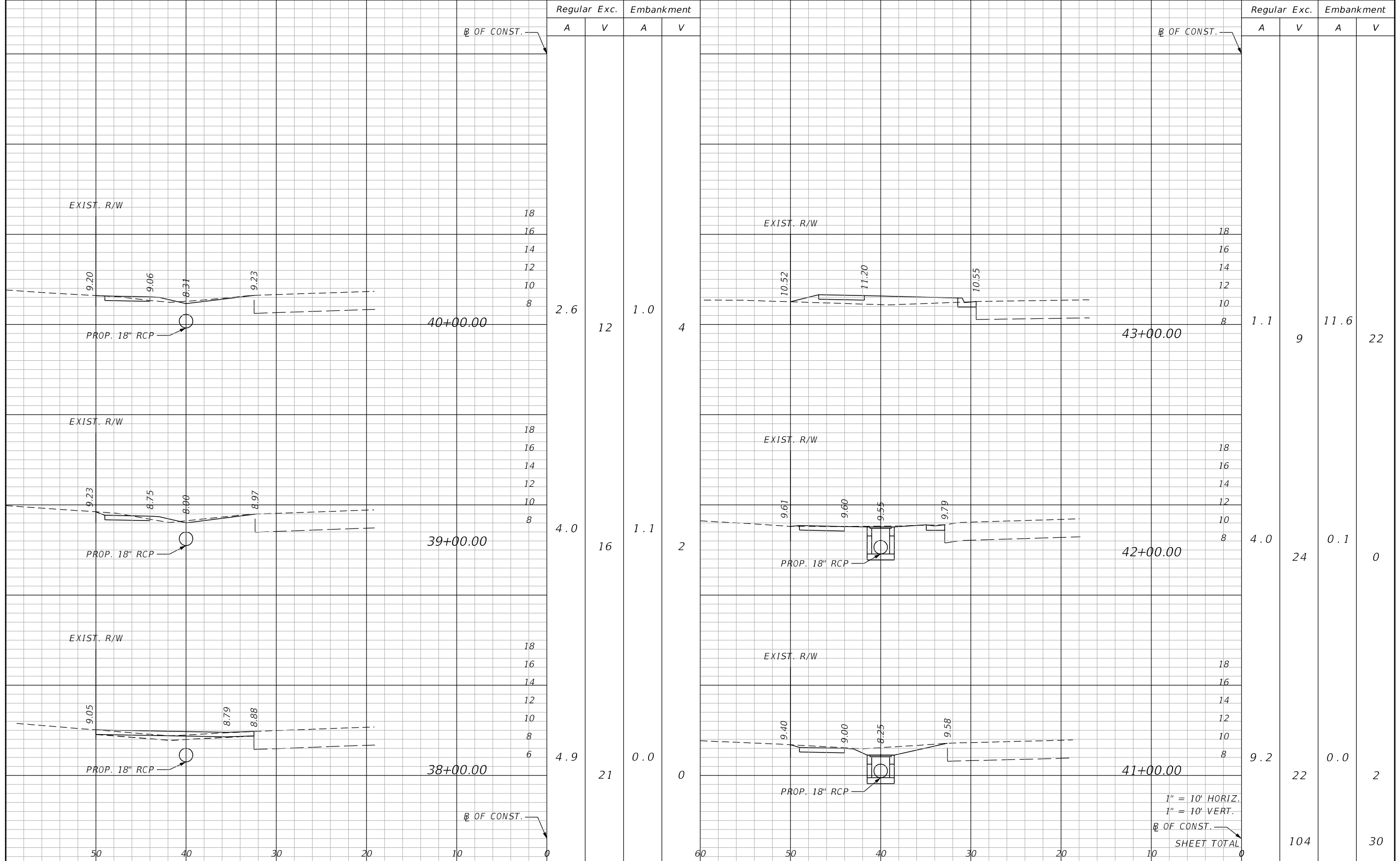
LEE COUNTY  
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ROAD NO.	COUNTY	AIM PROJECT NUMBER
	LEE	17-0569

CROSS SECTIONS

SHEET NO.  
20

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1" = 10' HORIZ.  
 1" = 10' VERT.  
 B OF CONST.  
 SHEET TOTAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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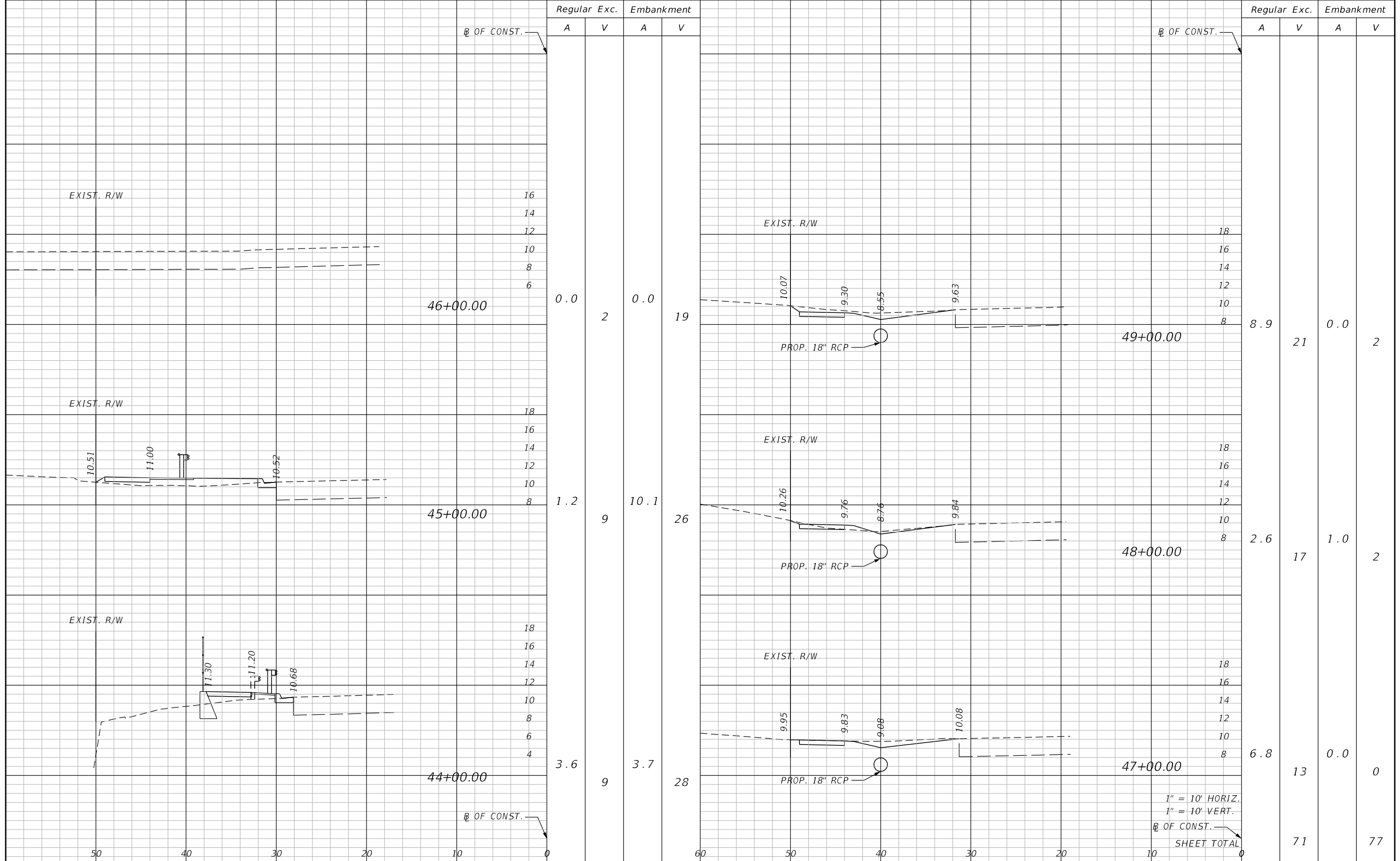
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ROAD NO.	COUNTY	AIM PROJECT NUMBER
	LEE	17-0569

**CROSS SECTIONS**

SHEET NO.  
**21**

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Regular Exc. Embankment

A V A V

Regular Exc. Embankment

A V A V

0.0

2

0.0

19

1.2

9

10.1

26

3.6

9

3.7

28

8.9

21

0.0

2

2.6

17

1.0

2

6.8

13

0.0

0

1" = 10' HORIZ.  
1" = 10' VERT.

B OF CONST.

SHEET TOTAL

71

77

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

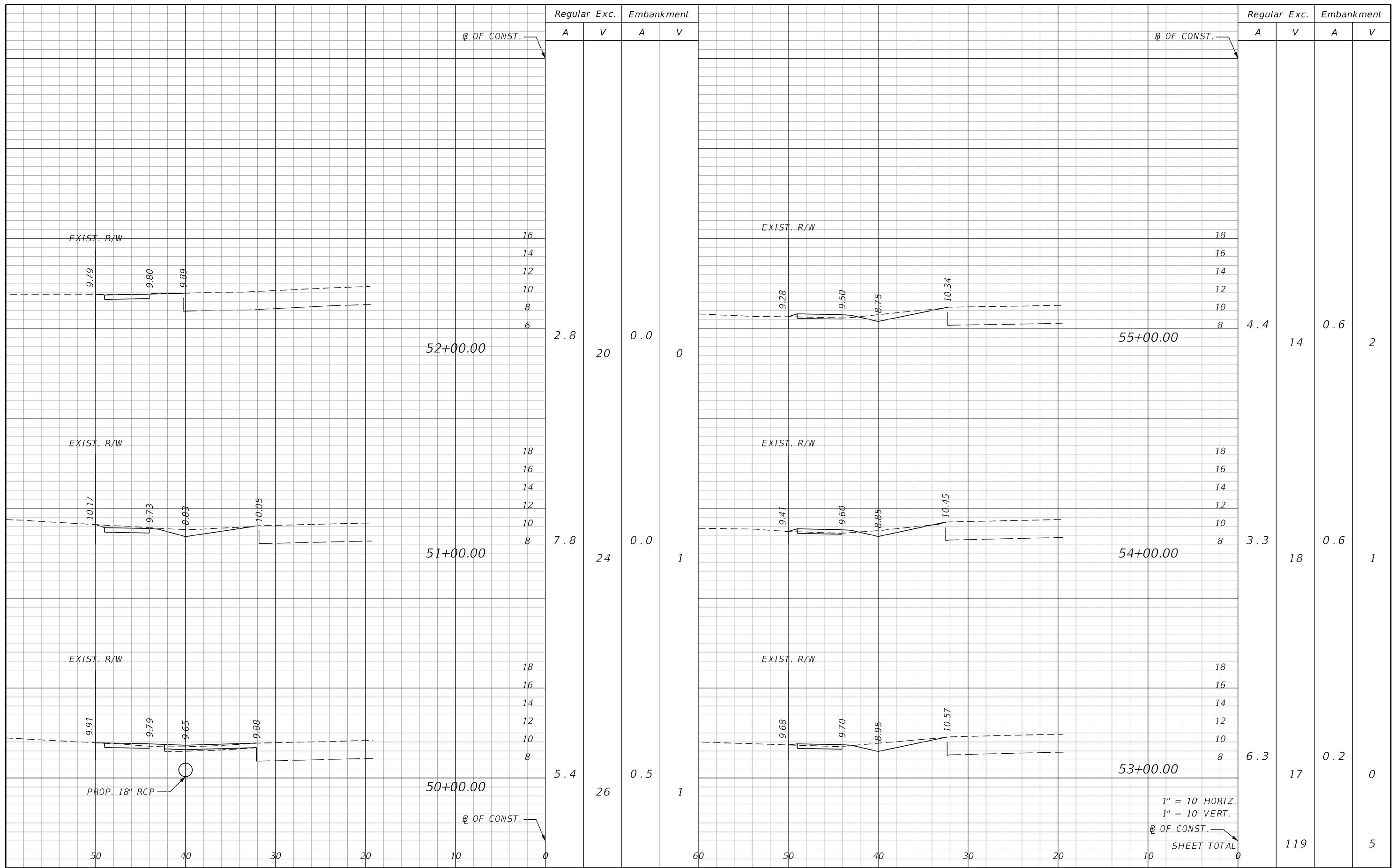
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ROAD NO.	COUNTY	AIM PROJECT NUMBER
	LEE	17-0569

**CROSS SECTIONS**

SHEET NO.  
22

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LEE COUNTY  
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	AIM PROJECT NUMBER
	LEE	17-0569

**CROSS SECTIONS**

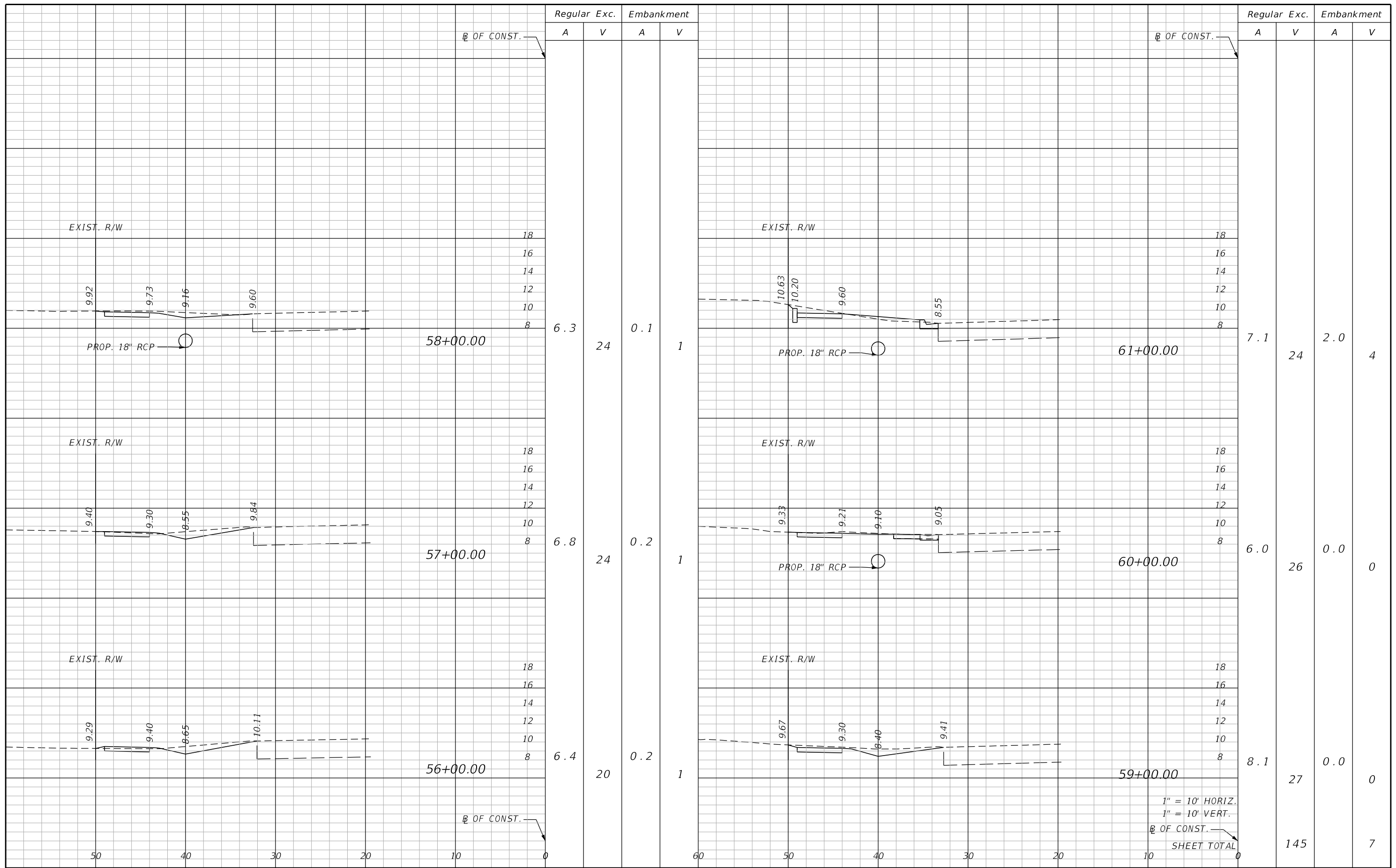
SHEET NO.  
 23

1" = 10' HORIZ.  
 1" = 10' VERT.

OF CONST.

SHEET TOTAL

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 DEPARTMENT OF TRANSPORTATION

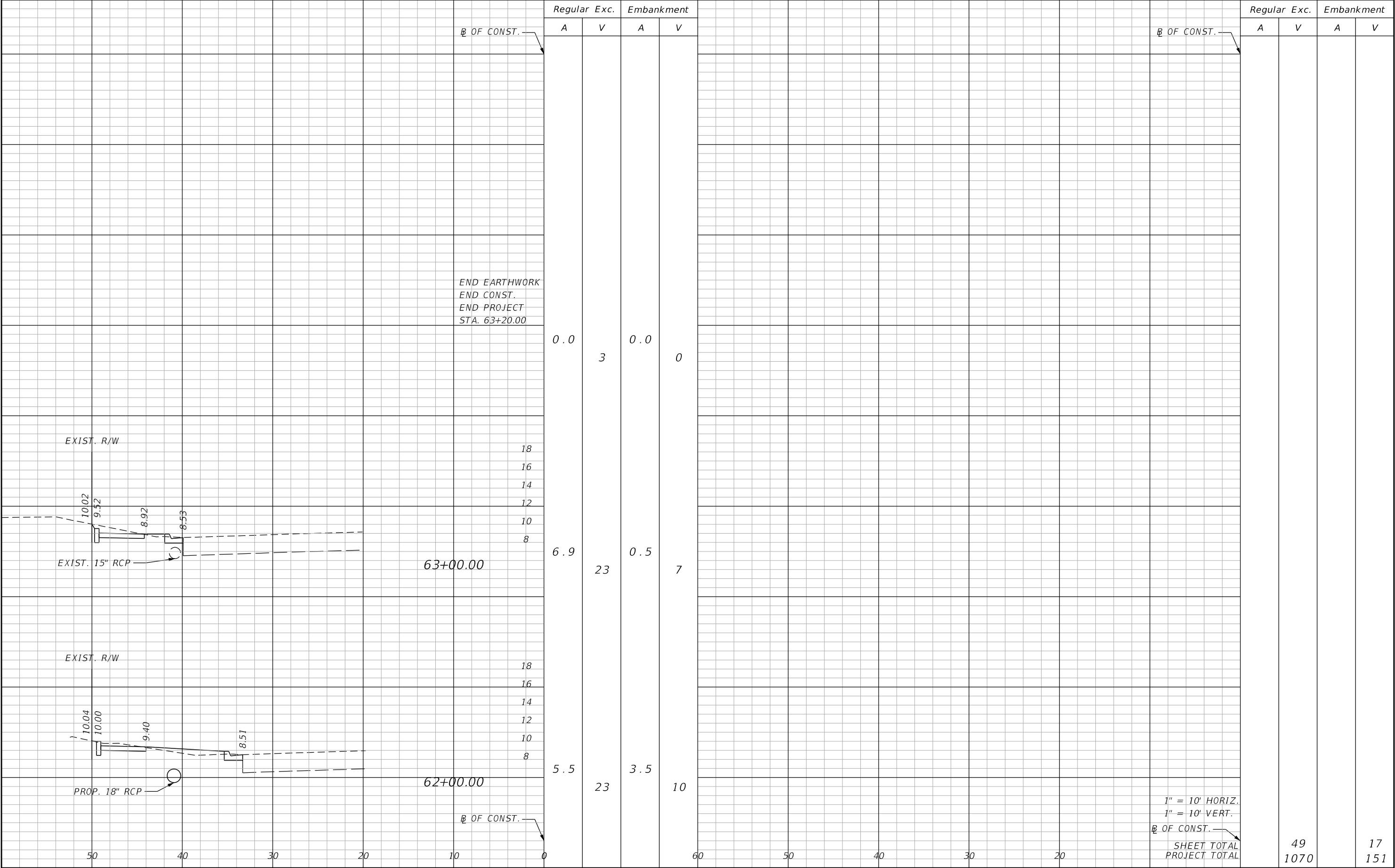
ROAD NO.	COUNTY	AIM PROJECT NUMBER
	LEE	17-0569

**CROSS SECTIONS**

SHEET NO.  
 24

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1" = 10' HORIZ.  
 1" = 10' VERT.  
 B OF CONST. —  
 SHEET TOTAL  
 PROJECT TOTAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	AIM PROJECT NUMBER
	LEE	17-0569

**CROSS SECTIONS**

SHEET NO.  
 25

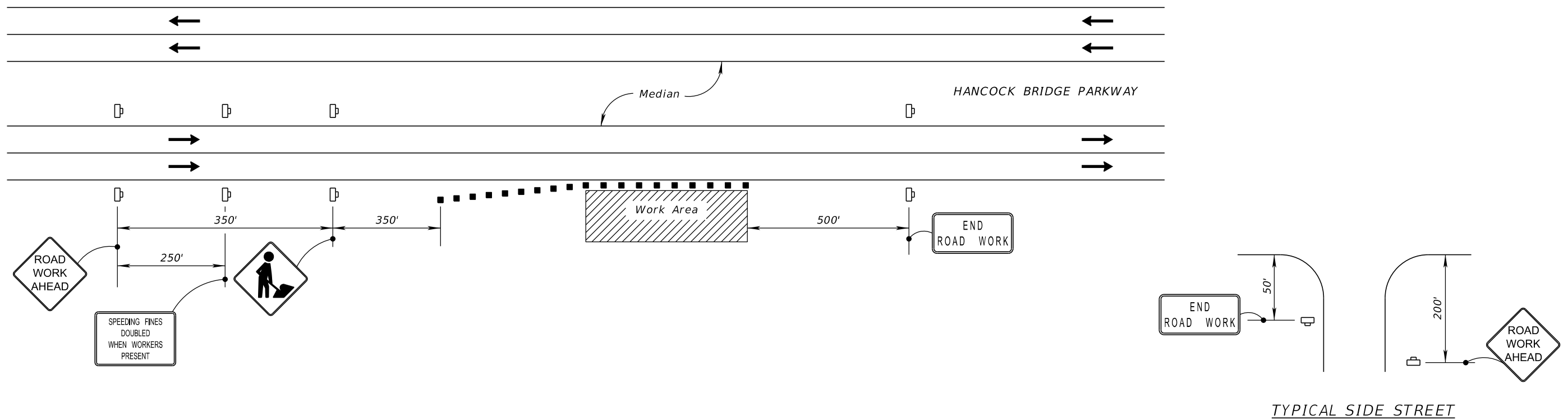
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**GENERAL NOTES:**

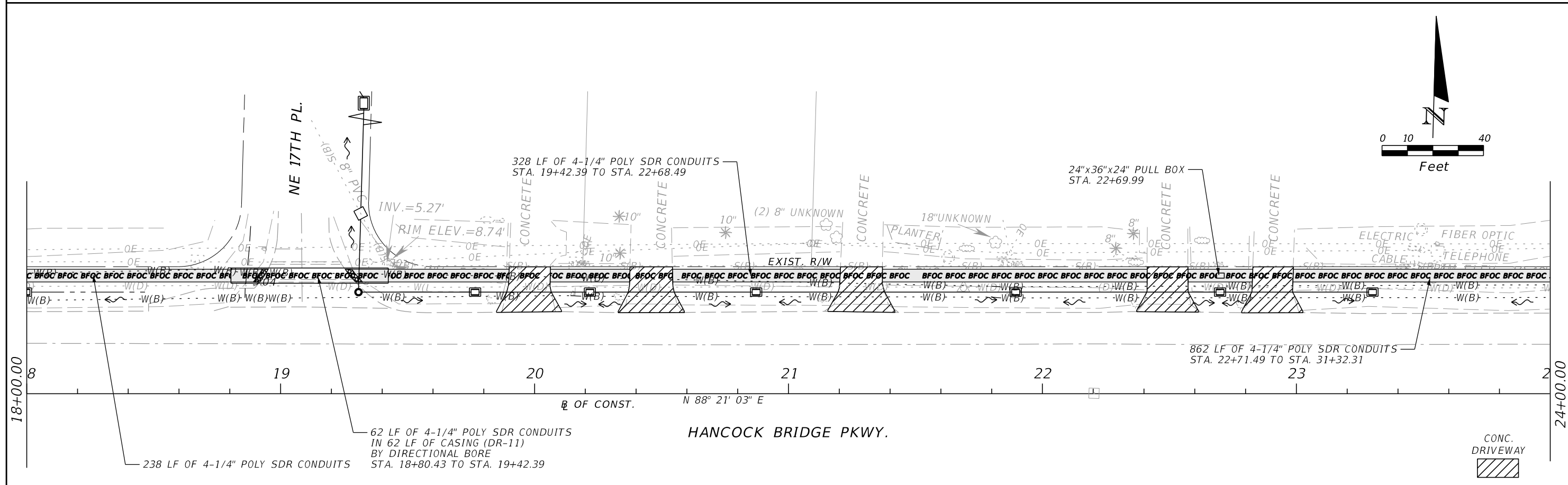
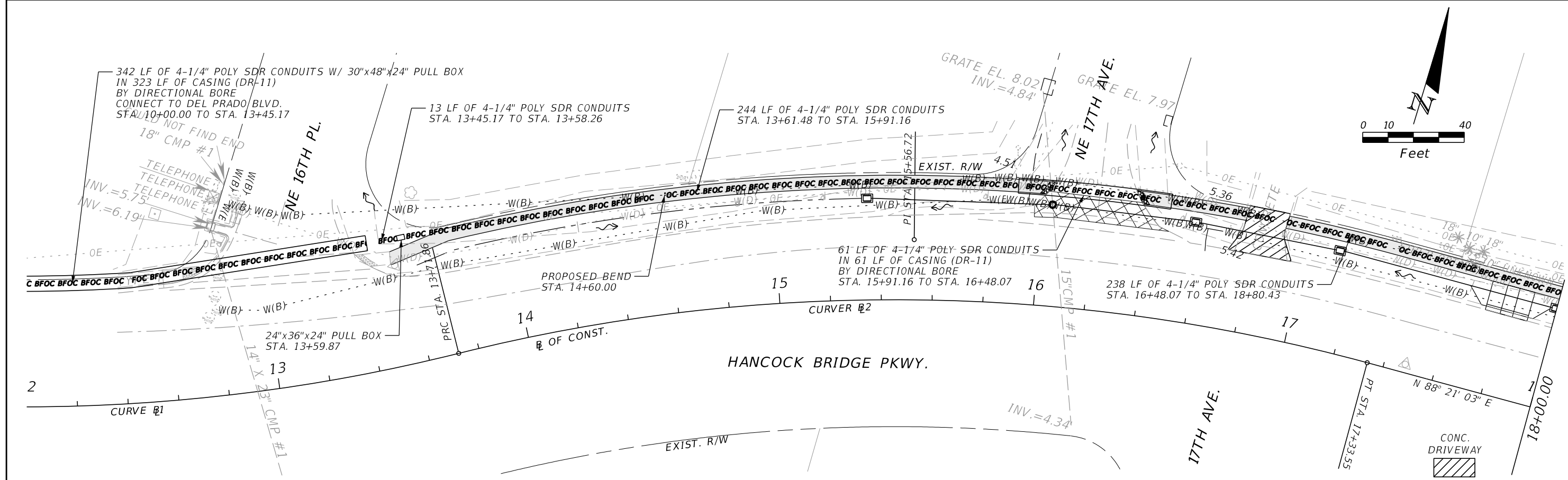
- EXISTING STREET NAME SIGNS SHALL REMAIN VISIBLE DURING THE DURATION OF CONSTRUCTION OPERATIONS IN ORDER TO FACILITATE EMERGENCY VEHICLES.
- THE EXISTING SPEED LIMITS SHALL REMAIN IN EFFECT FOR ALL TRAFFIC CONTROL AREAS. THE POSTED SPEED LIMIT IS 45 MPH.
- PEDESTRIAN MOVEMENTS SHALL BE MAINTAINED UTILIZING FDOT DESIGN STANDARD INDEX NO. 102-660.

**PHASE NOTES:**

- PLACE ALL ADVANCE SIGNING TRAFFIC CONTROL DEVICES AND SET UP EROSION CONTROL UTILIZING THE FDOT DESIGN STANDARD INDEX NUMBERS 102-611, 102-612, 102-613 AND/OR 102-660, AS APPROPRIATE OR OTHER APPROVED TEMPORARY TRAFFIC CONTROL PLAN.
- CONSTRUCT SIDEWALK, DRAINAGE SYSTEM, AND GRADING UTILIZING THE FDOT DESIGN STANDARD INDEX NUMBERS 102-611, 102-612 AND 102-613, AS APPROPRIATE OR OTHER APPROVED TEMPORARY TRAFFIC CONTROL PLAN.



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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER		
					LEE	17-0569			



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

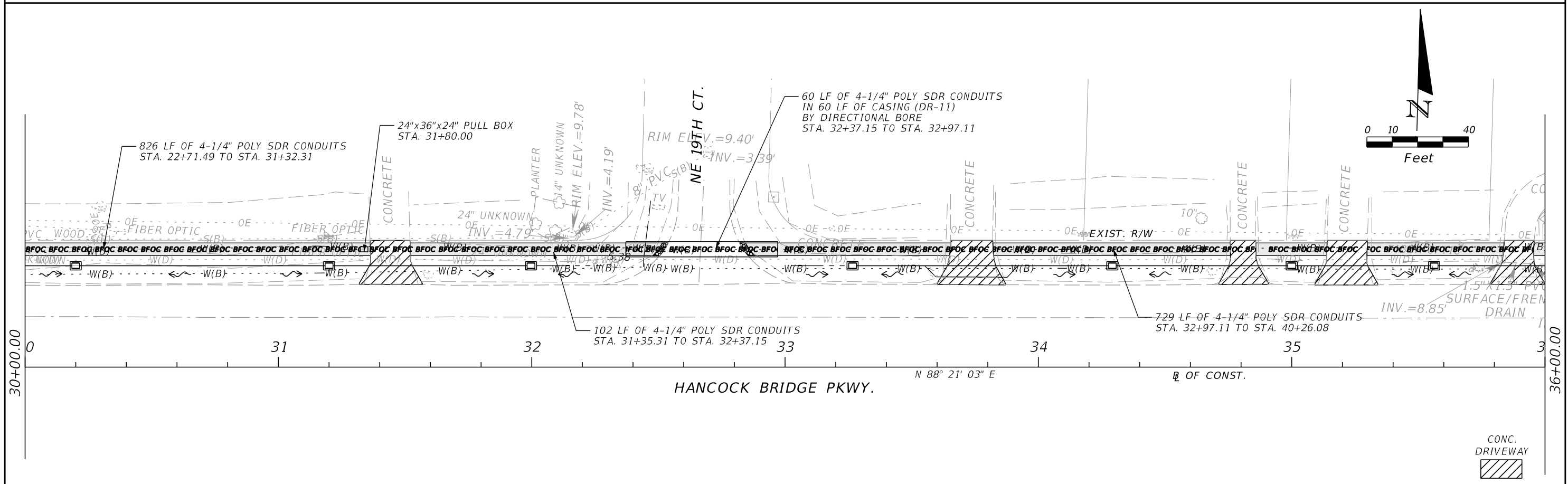
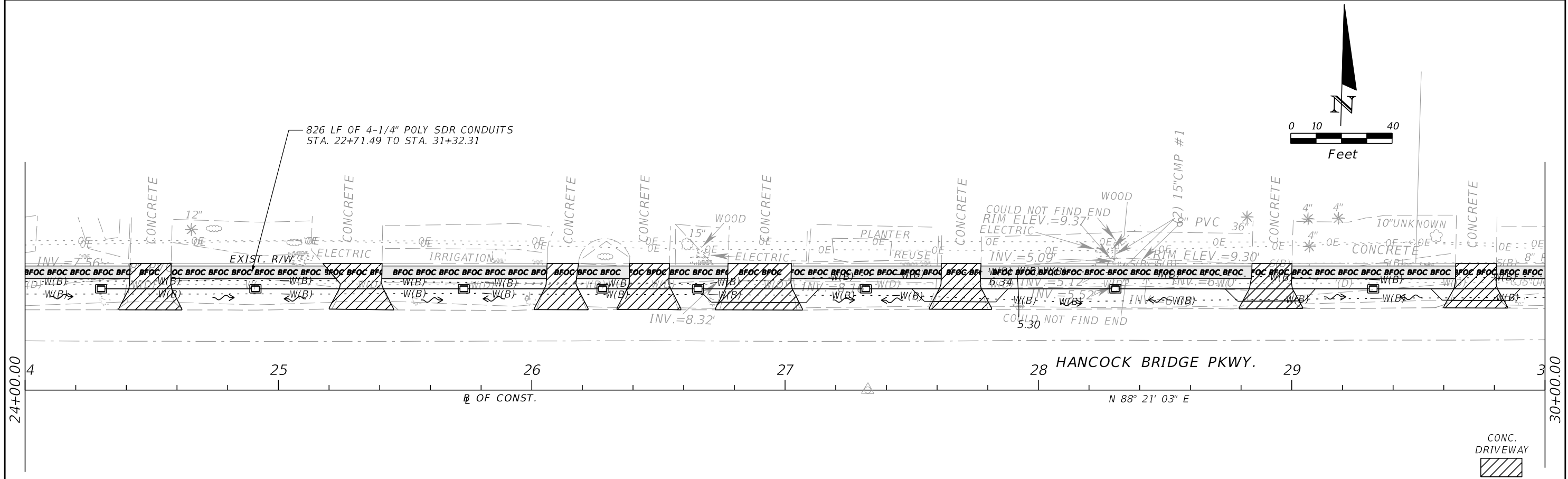
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 Certificate of Authorization No. 00003114

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	AIM PROJECT NUMBER
	LEE	17-0569

**UTILITY ADJUSTMENT SHEET**

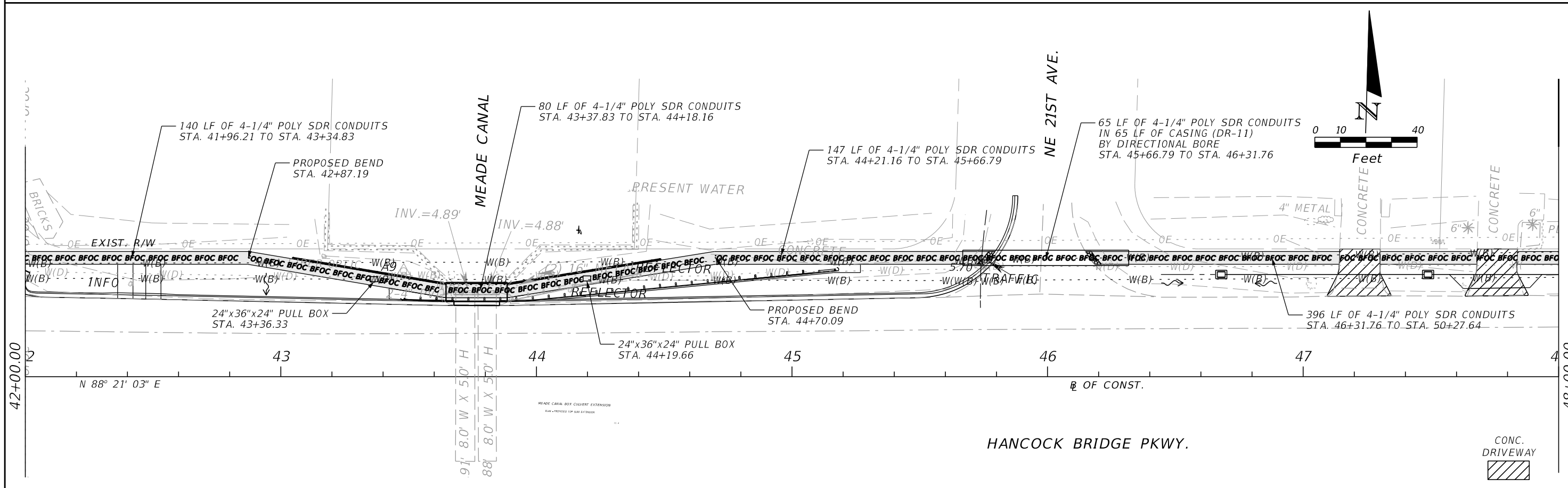
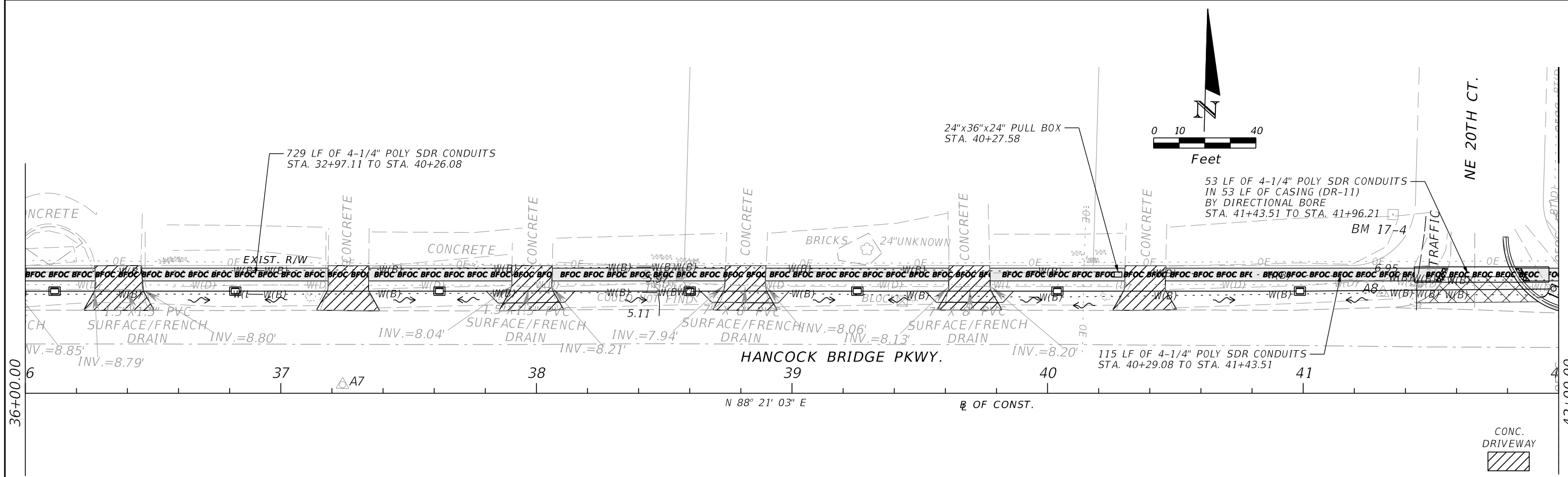
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27

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER		
						LEE	17-0569		

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DATE	DESCRIPTION	DATE	DESCRIPTION

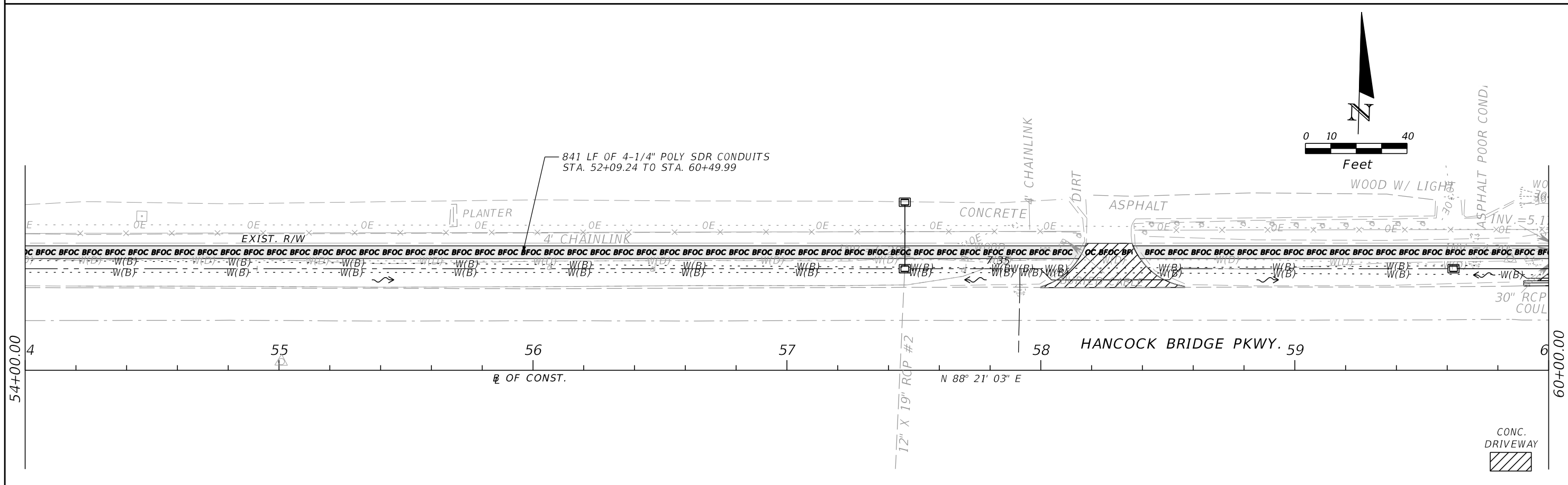
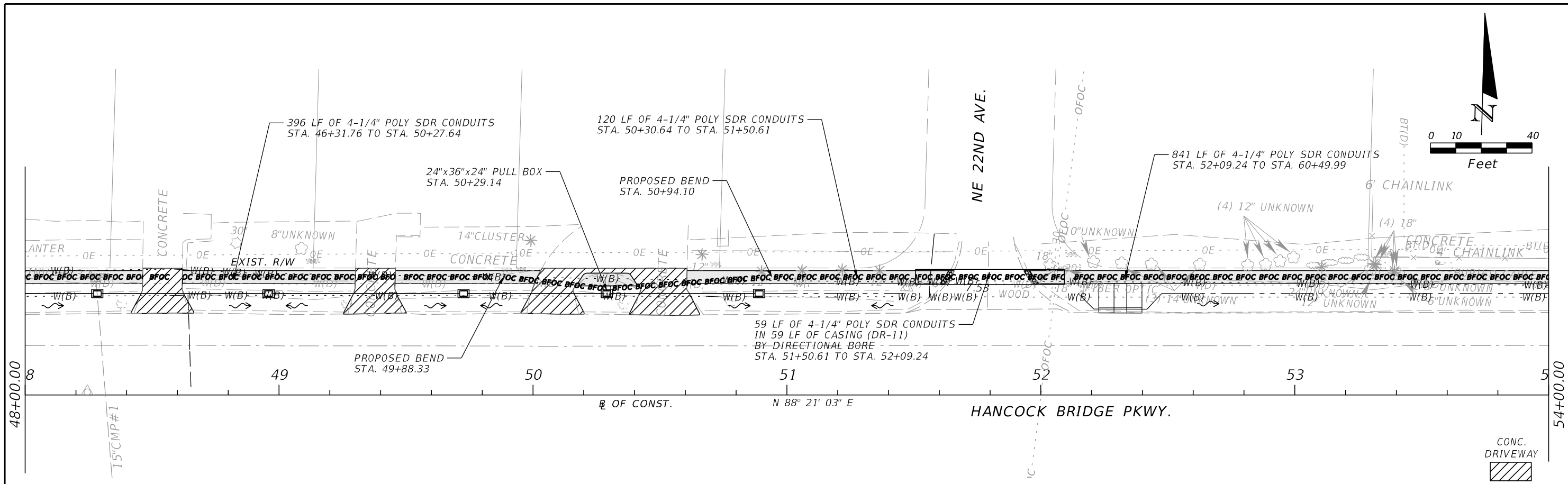
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	AIM PROJECT NUMBER
	LEE	17-0569

**UTILITY ADJUSTMENT SHEET**

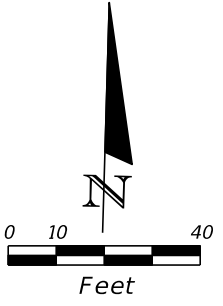
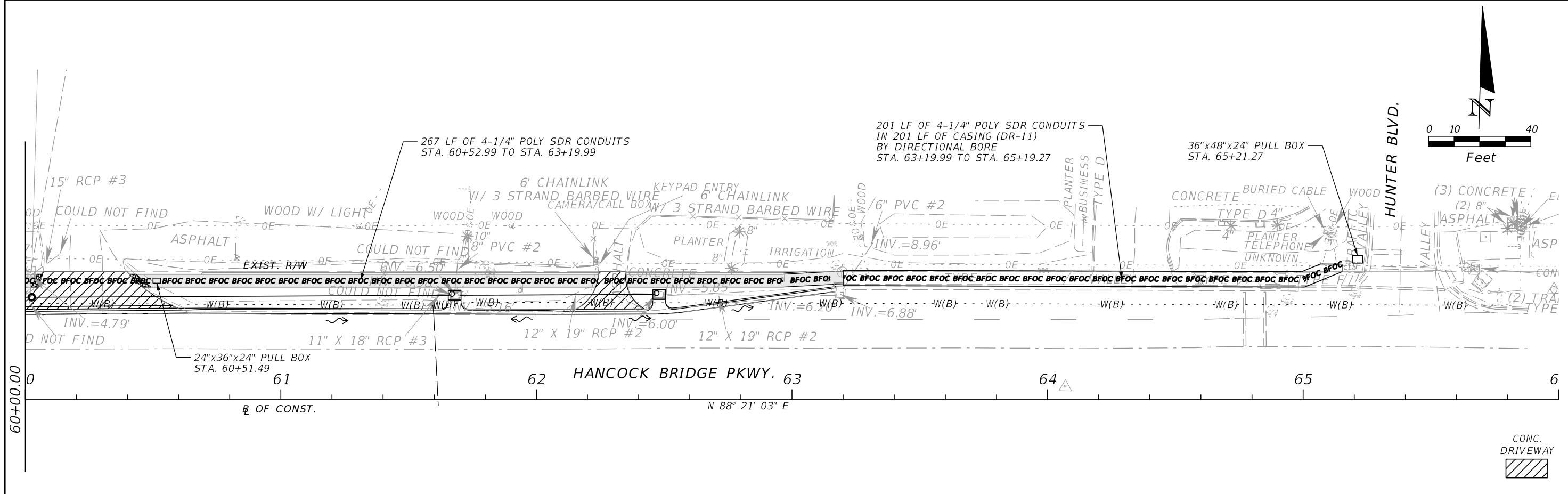
SHEET NO.  
29

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



REVISIONS				AIM Engineering & Surveying, Inc. 2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114	LEE COUNTY DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENT SHEET	SHEET NO. 30
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER		
						LEE	17-0569		

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UTILITY NOTES

1. NOTIFY UTILITY OWNERS OF ANY EXCAVATION OR DEMOLITION ACTIVITY THROUGH SUNSHINE ONE-CALL OF FLORIDA, INC. (1-800-432-4770) AND ALSO NOTIFY THOSE UTILITY OWNERS/AGENCIES LISTED WITHIN OR IMPACTED BY THESE PLANS, NOT LESS THAN TWO (2) FULL BUSINESS DAYS IN ADVANCE OF THE BEGINNING OF CONSTRUCTION ON THE JOB SITE.
2. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
3. UTILITY/AGENCY OWNERS:

COMPANY	CONTACT	TELEPHONE NUMBERS
CITY OF CAPE CORAL	GINO NOTARIANNI	239-573-3039
CENTURY LINK	WILLIS GILSON	239-336-2035
COMCAST	MARK COOK	239-432-1805/415-4742
LCEC	TOM BAILEY	239-656-2414
LCDOT TRAFFIC	MIKE PADGETT	239-533-9300
LCDOT SIGNALS	JAMES FENCIL	239-533-9500/707-4870
TECO	MARILYN ALOI	239-690-5517/896-0812

REVISIONS				AIM Engineering & Surveying, Inc. 2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114	LEE COUNTY DEPARTMENT OF TRANSPORTATION			<b>UTILITY ADJUSTMENT SHEET</b>	SHEET NO.  31
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER		
						LEE	17-0569		

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SUMMARY OF LUMP SUM ITEMS					
PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0101 1	Mobilization	1			

SUMMARY OF GENERAL ITEMS										
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.			P	F	P	F		
0121 70 5	Flowable Fill, 24"	15+97.58 to 16+48.52	LT	CY	33.4		59.8		Area ID 37570	
		41+44.18 to 41+92.20	LT	CY	26.4				Area ID 37558	

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS									
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE I			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	P	F		
			DAYS	P	P				
0102 1	Maintenance of Traffic	LS			1	1			
0102 60	Work Zone Sign	ED	120	23	2760	2760			
0102 74 1	Channelizing Device, Type I, II, D1, VP, Drum, or LCD	ED	120	110	13200	13200			

REVISIONS				AIM Engineering & Surveying, Inc. 2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER		
						LEE	17-0569		



**SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES**

LOCATION  STA. TO STA.	SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 10 3		0104 11			
			LF		LF			
			P	F	P	F		
15+29.19 to 15+29.24	LT		10.0					
15+29.19 to 15+38.60	LT		10.0					
15+29.24 to 15+38.78	LT		10.0					
15+38.60 to 15+38.78	LT		10.0					
16+54.11 to 16+54.15	LT		10.0					
16+54.11 to 16+63.52	LT		10.0					
16+54.15 to 16+63.68	LT		10.0					
16+63.52 to 16+63.68	LT		10.0					
17+06.99 to 17+07.37	LT		10.0					
17+06.99 to 17+16.38	LT		10.0					
17+07.37 to 17+16.89	LT		10.0					
17+16.38 to 17+16.89	LT		10.0					
17+95.24 to 17+95.53	LT		10.0					
17+95.24 to 18+05.24	LT		10.0					
17+95.53 to 18+05.53	LT		10.0					
18+05.24 to 18+05.53	LT		10.0					
19+27.18 to 19+27.46	LT		10.0					
19+27.18 to 19+37.17	LT		10.0					
19+27.46 to 19+37.46	LT		10.0					
19+28.02 to 19+28.31	LT		10.0					
19+28.02 to 19+38.02	LT		10.0					
19+28.31 to 19+38.31	LT		10.0					
19+37.17 to 19+37.46	LT		10.0					
19+38.02 to 19+38.31	LT		10.0					
19+71.77 to 19+72.05	LT		10.0					
19+71.77 to 19+81.76	LT		10.0					
19+72.05 to 19+82.05	LT		10.0					
19+81.76 to 19+82.05	LT		10.0					
20+17.38 to 20+17.38	LT		10.0					
20+17.38 to 20+27.37	LT		10.0					
20+17.38 to 20+27.38	LT		10.0					
20+27.37 to 20+27.38	LT		10.0					
20+82.86 to 20+82.86	LT		10.0					
20+82.86 to 20+92.86	LT		10.0					
20+82.86 to 20+92.86	LT		10.0					
20+92.86 to 20+92.86	LT		10.0					
21+84.66 to 21+84.66	LT		10.0					
21+84.66 to 21+94.66	LT		10.0					
21+84.66 to 21+94.66	LT		10.0					
21+94.66 to 21+94.66	LT		10.0					
22+65.76 to 22+65.76	LT		10.0					
22+65.76 to 22+75.76	LT		10.0					
22+65.76 to 22+75.76	LT		10.0					
22+75.76 to 22+75.76	LT		10.0					
23+24.98 to 23+24.98	LT		10.0					
23+24.98 to 23+34.98	LT		10.0					
SUB-TOTAL:			460.0					
TOTAL:			1941		30			

**SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES**

LOCATION  STA. TO STA.	SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 10 3		0104 11			
			LF		LF			
			P	F	P	F		
23+24.98 to 23+34.98	LT		10.0					
23+34.98 to 23+34.98	LT		10.0					
24+25.57 to 24+25.57	LT		10.0					
24+25.57 to 24+35.57	LT		10.0					
24+25.57 to 24+35.57	LT		10.0					
24+35.57 to 24+35.57	LT		10.0					
24+86.72 to 24+86.72	LT		10.0					
24+86.72 to 24+96.72	LT		10.0					
24+86.72 to 24+96.72	LT		10.0					
24+96.72 to 24+96.72	LT		10.0					
25+68.97 to 25+68.97	LT		10.0					
25+68.97 to 25+78.97	LT		10.0					
25+68.97 to 25+78.97	LT		10.0					
25+78.97 to 25+78.97	LT		10.0					
26+23.66 to 26+23.66	LT		10.0					
26+23.66 to 26+33.66	LT		10.0					
26+23.66 to 26+33.66	LT		10.0					
26+33.66 to 26+33.66	LT		10.0					
26+60.80 to 26+60.80	LT		10.0					
26+60.80 to 26+70.80	LT		10.0					
26+60.80 to 26+70.80	LT		10.0					
26+70.80 to 26+70.80	LT		10.0					
27+27.51 to 27+27.51	LT		10.0					
27+27.51 to 27+37.51	LT		10.0					
27+27.51 to 27+37.51	LT		10.0					
27+37.51 to 27+37.51	LT		10.0					
28+25.37 to 28+25.37	LT		10.0					
28+25.37 to 28+35.37	LT		10.0					
28+25.37 to 28+35.37	LT		10.0					
28+35.37 to 28+35.37	LT		10.0					
29+27.59 to 29+27.59	LT		10.0					
29+27.59 to 29+37.59	LT		10.0					
29+27.59 to 29+37.59	LT		10.0					
29+37.59 to 29+37.59	LT		10.0					
30+14.85 to 30+14.85	LT		10.0					
30+14.85 to 30+24.85	LT		10.0					
30+14.85 to 30+24.85	LT		10.0					
30+24.85 to 30+24.85	LT		10.0					
31+15.45 to 31+15.45	LT		10.0					
31+15.45 to 31+25.45	LT		10.0					
31+15.45 to 31+25.45	LT		10.0					
31+25.45 to 31+25.45	LT		10.0					
31+94.94 to 31+94.94	LT		10.0					
31+94.94 to 32+04.94	LT		10.0					
31+94.94 to 32+04.94	LT		10.0					
32+04.94 to 32+04.94	LT		10.0					
33+22.43 to 33+22.43	LT		10.0					
SUB-TOTAL:			470.0					

<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>				REVISIONS		DATE	DESCRIPTION					AIM Engineering & Surveying, Inc. 2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114		LEE COUNTY DEPARTMENT OF TRANSPORTATION <table border="1"> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>AIM PROJECT NUMBER</th> </tr> <tr> <td> </td> <td>LEE</td> <td>17-0569</td> </tr> </table>		ROAD NO.	COUNTY	AIM PROJECT NUMBER		LEE	17-0569	SHEET NO. SQ-2	
REVISIONS																							
DATE	DESCRIPTION																						
ROAD NO.	COUNTY	AIM PROJECT NUMBER																					
	LEE	17-0569																					
<b>SUMMARY OF QUANTITIES</b>																							

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**SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES**

LOCATION  STA. TO STA.	SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 10 3		0104 11			
			LF		LF			
			P	F	P	F		
33+22.43 to 33+32.43	LT		10.0					
33+22.43 to 33+32.43	LT		10.0					
33+32.43 to 33+32.43	LT		10.0					
34+24.64 to 34+24.64	LT		10.0					
34+24.64 to 34+34.64	LT		10.0					
34+24.64 to 34+34.64	LT		10.0					
34+34.64 to 34+34.64	LT		10.0					
34+94.59 to 34+94.59	LT		10.0					
34+94.59 to 35+04.59	LT		10.0					
34+94.59 to 35+04.59	LT		10.0					
35+04.59 to 35+04.59	LT		10.0					
35+51.39 to 35+51.39	LT		10.0					
35+51.39 to 35+61.39	LT		10.0					
35+51.39 to 35+61.39	LT		10.0					
35+51.39 to 35+61.39	LT		10.0					
35+61.39 to 35+61.39	LT		10.0					
36+06.62 to 36+06.62	LT		10.0					
36+06.62 to 36+16.62	LT		10.0					
36+06.62 to 36+16.62	LT		10.0					
36+16.62 to 36+16.62	LT		10.0					
36+78.53 to 36+78.53	LT		10.0					
36+78.53 to 36+88.53	LT		10.0					
36+78.53 to 36+88.53	LT		10.0					
36+88.53 to 36+88.53	LT		10.0					
37+57.19 to 37+57.19	LT		10.0					
37+57.19 to 37+67.19	LT		10.0					
37+57.19 to 37+67.19	LT		10.0					
37+67.19 to 37+67.19	LT		10.0					
38+55.41 to 38+55.41	LT		10.0					
38+55.41 to 38+65.41	LT		10.0					
38+55.41 to 38+65.41	LT		10.0					
38+65.41 to 38+65.41	LT		10.0					
39+21.14 to 39+21.14	LT		10.0					
39+21.14 to 39+31.14	LT		10.0					
39+21.14 to 39+31.14	LT		10.0					
39+31.14 to 39+31.14	LT		10.0					
40+00.24 to 40+00.24	LT		10.0					
40+00.24 to 40+10.24	LT		10.0					
40+00.24 to 40+10.24	LT		10.0					
40+10.24 to 40+10.24	LT		10.0					
40+93.86 to 40+93.86	LT		10.0					
40+93.86 to 41+03.86	LT		10.0					
40+93.86 to 41+03.86	LT		10.0					
41+03.86 to 41+03.86	LT		10.0					
43+00.15 to 43+60.04	LT		60.7					
43+92.34 to 44+52.08	LT		60.5					
46+62.54 to 46+62.54	LT		10.0					
46+62.54 to 46+72.54	LT		10.0					
SUB-TOTAL:			571.2					

**SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES**

LOCATION  STA. TO STA.	SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 10 3		0104 11			
			LF		LF			
			P	F	P	F		
46+62.54 to 46+72.54	LT		10.0					
46+72.54 to 46+72.54	LT		10.0					
47+44.67 to 47+44.67	LT		10.0					
47+44.67 to 47+54.67	LT		10.0					
47+44.67 to 47+54.67	LT		10.0					
47+54.67 to 47+54.67	LT		10.0					
48+24.44 to 48+24.44	LT		10.0					
48+24.44 to 48+34.44	LT		10.0					
48+24.44 to 48+34.44	LT		10.0					
48+34.44 to 48+34.44	LT		10.0					
48+91.49 to 48+91.49	LT		10.0					
48+91.49 to 49+01.49	LT		10.0					
48+91.49 to 49+01.49	LT		10.0					
49+01.49 to 49+01.49	LT		10.0					
49+67.89 to 49+67.89	LT		10.0					
49+67.89 to 49+77.89	LT		10.0					
49+67.89 to 49+77.89	LT		10.0					
49+77.89 to 49+77.89	LT		10.0					
50+24.69 to 50+24.69	LT		10.0					
50+24.69 to 50+34.69	LT		10.0					
50+24.69 to 50+34.69	LT		10.0					
50+34.69 to 50+34.69	LT		10.0					
50+84.29 to 50+84.29	LT		10.0					
50+84.29 to 50+94.29	LT		10.0					
50+84.29 to 50+94.29	LT		10.0					
50+94.29 to 50+94.29	LT		10.0					
57+40.83 to 57+40.83	LT		10.0					
57+40.83 to 57+50.83	LT		10.0					
57+40.83 to 57+50.83	LT		10.0					
57+41.16 to 57+41.16	LT		10.0					
57+41.16 to 57+51.16	LT		10.0					
57+41.16 to 57+51.16	LT		10.0					
57+50.83 to 57+50.83	LT		10.0					
57+51.16 to 57+51.16	LT		10.0					
59+57.67 to 59+57.67	LT		10.0					
59+57.67 to 59+67.67	LT		10.0					
59+57.67 to 59+67.67	LT		10.0					
59+67.67 to 59+67.67	LT		10.0					
61+61.99 to 61+61.99	LT		10.0					
61+61.99 to 61+71.99	LT		10.0					
61+71.99 to 61+71.99	LT		10.0					
62+42.81 to 62+42.81	LT		10.0					
62+42.81 to 62+52.81	LT		10.0					
62+52.81 to 62+52.81	LT		10.0					
43+63.23 to 43+67.90	LT					6.0		
43+67.90 to 43+76.93	LT					9.2		
43+76.93 to 43+85.53	LT					8.7		
SUB-TOTAL:			440.0			23.9		

<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					AIM Engineering & Surveying, Inc. 2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114			LEE COUNTY DEPARTMENT OF TRANSPORTATION <table border="1"> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>AIM PROJECT NUMBER</th> </tr> <tr> <td> </td> <td>LEE</td> <td>17-0569</td> </tr> </table>			ROAD NO.	COUNTY	AIM PROJECT NUMBER		LEE	17-0569	SHEET NO. SQ-3	
REVISIONS																													
DATE	DESCRIPTION	DATE	DESCRIPTION																										
ROAD NO.	COUNTY	AIM PROJECT NUMBER																											
	LEE	17-0569																											
<b>SUMMARY OF QUANTITIES</b>																													

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**SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES**

LOCATION	SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 10 3	0104 11	P	F		
STA. TO STA.			LF		LF			
43+85.53 to 43+91.44	LT				6.4			
SUB-TOTAL:					6.4			

<p align="center"><b>REVISIONS</b></p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					<p><b>AIM Engineering &amp; Surveying, Inc.</b>                  2161 Fowler St.                  Fort Myers, Florida 33901                  239-332-4569                  Ronald Kerfoot, P.E. 20768                  Certificate of Authorization No. 00003114</p>		<p align="center"><b>LEE COUNTY                  DEPARTMENT OF TRANSPORTATION</b></p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>AIM PROJECT NUMBER</th> </tr> </thead> <tbody> <tr> <td> </td> <td>LEE</td> <td>17-0569</td> </tr> </tbody> </table>		ROAD NO.	COUNTY	AIM PROJECT NUMBER		LEE	17-0569	<p align="center"><b>SUMMARY OF QUANTITIES</b></p>		<p>SHEET NO. SQ-4</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																					
ROAD NO.	COUNTY	AIM PROJECT NUMBER																						
	LEE	17-0569																						

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**SUMMARY OF LITTER REMOVAL AND MOWING**

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL					MOWING					DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1					0107 2						
	STA. TO STA.				AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA					
							AC/ CYCLE	TOTAL (AC)			AC/ CYCLE	TOTAL (AC)				
			P	F			P	F								
1	13+44.78 to 16+01.71	LT	120	30		4				38289	4	0.070	0.280			
1	13+53.89 to 16+10.97	LT	120	30		4				38286	4	0.018	0.072			
1	16+28.92 to 16+76.93	LT	120	30		4				34180	4	0.013	0.052			
1	16+37.79 to 16+76.32	LT	120	30		4				34781	4	0.009	0.036			
1	16+91.16 to 17+73.05	LT	120	30		4				35937	4	0.023	0.092			
1	16+91.84 to 18+95.58	LT	120	30		4				34286	4	0.005	0.020			
1	17+89.97 to 18+91.84	LT	120	30		4				35942	4	0.020	0.080			
1	19+19.05 to 19+90.03	LT	120	30		4				34796	4	0.012	0.048			
1	19+26.58 to 19+37.78	LT	120	30		4				38290	4	0.019	0.076			
1	19+29.52 to 19+89.81	LT	120	30		4				34798	4	0.014	0.056			
1	20+06.10 to 20+37.43	LT	120	30		4				34309	4	0.008	0.032			
1	20+06.23 to 20+37.59	LT	120	30		4				34304	4	0.001	0.004			
1	20+54.30 to 21+20.50	LT	120	30		4				34321	4	0.002	0.008			
1	20+54.43 to 21+20.19	LT	120	30		4				34326	4	0.017	0.068			
1	21+36.97 to 22+41.22	LT	120	30		4				34344	4	0.028	0.112			
1	21+36.99 to 22+41.25	LT	120	30		4				34339	4	0.002	0.008			
1	22+57.35 to 22+82.90	LT	120	30		4				34357	4	0.001	0.004			
1	22+57.36 to 22+82.66	LT	120	30		4				34362	4	0.006	0.024			
1	22+98.50 to 24+41.32	LT	120	30		4				34379	4	0.040	0.160			
1	22+98.80 to 24+41.50	LT	120	30		4				34374	4	0.003	0.012			
1	24+57.52 to 25+24.52	LT	120	30		4				34398	4	0.018	0.072			
1	24+57.68 to 25+18.44	LT	120	30		4				34393	4	0.001	0.004			
1	25+40.81 to 26+05.79	LT	120	30		4				34417	4	0.018	0.072			
1	25+40.94 to 26+06.09	LT	120	30		4				34412	4	0.001	0.004			
1	26+17.43 to 26+38.49	LT	120	30		4				34435	4	0.005	0.020			
1	26+54.17 to 26+77.29	LT	120	30		4				34451	4	0.006	0.024			
1	26+54.37 to 26+77.50	LT	120	30		4				34446	4	0.001	0.004			
1	27+02.35 to 27+61.62	LT	120	30		4				34466	4	0.016	0.064			
1	27+02.47 to 27+61.71	LT	120	30		4				34461	4	0.001	0.004			
1	27+77.05 to 28+84.05	LT	120	30		4				34482	4	0.029	0.116			
1	27+77.30 to 28+84.33	LT	120	30		4				34477	4	0.002	0.008			
1	28+99.90 to 29+64.63	LT	120	30		4				34501	4	0.017	0.068			
1	29+00.10 to 29+64.73	LT	120	30		4				34496	4	0.001	0.004			
1	29+80.70 to 31+36.42	LT	120	30		4				34801	4	0.041	0.164			
1	29+80.80 to 31+36.24	LT	120	30		4				34516	4	0.004	0.016			
1	31+51.97 to 32+54.42	LT	120	30		4				34804	4	0.002	0.008			
1	31+52.14 to 32+50.52	LT	120	30		4				34805	4	0.024	0.096			
1	32+81.54 to 33+65.39	LT	120	30		4				34521	4	0.002	0.008			
1	32+85.38 to 33+64.93	LT	120	30		4				34526	4	0.018	0.072			
1	33+81.99 to 34+75.79	LT	120	30		4				34537	4	0.002	0.008			
1	33+82.29 to 34+75.82	LT	120	30		4				34807	4	0.024	0.096			
1	34+85.79 to 35+13.99	LT	120	30		4				34542	4	0.001	0.004			
1	34+85.85 to 35+13.79	LT	120	30		4				34810	4	0.007	0.028			
1	35+29.60 to 35+83.39	LT	120	30		4				34813	4	0.013	0.052			
1	35+29.88 to 35+83.94	LT	120	30		4				34547	4	0.001	0.004			
1	35+95.50 to 36+27.40	LT	120	30		4				34815	4	0.008	0.032			
1	35+95.65 to 36+27.27	LT	120	30		4				34552	4	0.001	0.004			
					SUB-TOTAL:					SUB-TOTAL:						
					TOTAL: 7.97					TOTAL: 4.68						

REVISIONS				AIM Engineering & Surveying, Inc. 2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114		LEE COUNTY DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES		SHEET NO. SQ-5
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	AIM PROJECT NUMBER			
					LEE	17-0569					

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

**SUMMARY OF LITTER REMOVAL AND MOWING**

CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL					MOWING					DESIGN NOTES	CONSTRUCTION REMARKS
					0107 1					0107 2						
	STA. TO STA.				AREA ID	CYCLES	AREA		AREA ID	CYCLES	AREA					
							AC/CYCLE	TOTAL (AC) P F			AC/CYCLE	TOTAL (AC) P F				
1	36+45.41 to 37+18.54	LT	120	30		4				34557	4	0.002	0.008			
1	36+45.73 to 37+18.45	LT	120	30		4				34817	4	0.019	0.076			
1	37+34.30 to 37+90.36	LT	120	30		4				34820	4	0.014	0.056			
1	37+34.41 to 37+90.47	LT	120	30		4				34562	4	0.001	0.004			
1	38+06.02 to 38+73.79	LT	120	30		4				34823	4	0.017	0.068			
1	38+06.21 to 38+74.06	LT	120	30		4				37567	4	0.002	0.008			
1	38+89.59 to 39+61.34	LT	120	30		4				34577	4	0.018	0.072			
1	38+89.71 to 39+61.38	LT	120	30		4				34572	4	0.002	0.008			
1	39+77.37 to 40+30.37	LT	120	30		4				34592	4	0.001	0.004			
1	39+77.52 to 40+30.19	LT	120	30		4				34597	4	0.013	0.052			
1	40+46.02 to 41+54.44	LT	120	30		4				34825	4	0.026	0.104			
1	40+46.23 to 41+57.06	LT	120	30		4				34610	4	0.003	0.012			
1	41+81.33 to 43+64.57	LT	120	30		4				34615	4	0.013	0.052			
1	41+84.94 to 42+36.12	LT	120	30		4				34826	4	0.013	0.052			
1	42+53.12 to 43+57.76	LT	120	30		4				34828	4	0.024	0.096			
1	43+88.60 to 45+82.59	LT	120	30		4				34622	4	0.014	0.056			
1	43+95.59 to 45+78.34	LT	120	30		4				34831	4	0.031	0.124			
1	46+14.22 to 47+14.34	LT	120	30		4				34629	4	0.002	0.008			
1	46+18.42 to 47+14.12	LT	120	30		4				34634	4	0.025	0.100			
1	47+30.00 to 47+67.96	LT	120	30		4				34652	4	0.010	0.040			
1	47+30.18 to 47+68.14	LT	120	30		4				34647	4	0.001	0.004			
1	47+83.64 to 48+46.24	LT	120	30		4				34669	4	0.017	0.068			
1	47+83.85 to 48+46.32	LT	120	30		4				34664	4	0.001	0.004			
1	48+61.89 to 49+29.97	LT	120	30		4				34686	4	0.018	0.072			
1	49+45.59 to 50+00.63	LT	120	30		4				34698	4	0.014	0.056			
1	49+45.83 to 50+03.56	LT	120	30		4				34834	4	0.001	0.004			
1	50+15.78 to 50+42.47	LT	120	30		4				34836	4	0.006	0.024			
1	50+60.46 to 51+62.93	LT	120	30		4				34838	4	0.026	0.104			
1	50+60.68 to 51+66.37	LT	120	30		4				34709	4	0.002	0.008			
1	51+92.81 to 58+17.80	LT	120	30		4				34840	4	0.014	0.056			
1	51+96.61 to 52+22.83	LT	120	30		4				34839	4	0.005	0.020			
1	52+39.83 to 58+14.95	LT	120	30		4				34714	4	0.152	0.608			
1	58+35.96 to 60+06.95	LT	120	30		4				34728	4	0.004	0.016			
1	58+39.03 to 60+05.15	LT	120	30		4				34733	4	0.040	0.160			
1	60+39.83 to 62+24.28	LT	120	30		4				34744	4	0.002	0.008			
1	60+45.93 to 62+23.19	LT	120	30		4				34749	4	0.032	0.128			
1	62+34.92 to 63+14.89	LT	120	30		4				34759	4	0.001	0.004			
1	62+38.67 to 63+16.59	LT	120	30		4				34764	4	0.008	0.032			
1	13+33.94 to 16+05.35	LT	120	30	38766	4	0.116	0.464			4					
1	16+34.22 to 18+95.58	LT	120	30	38774	4	0.098	0.392			4					
1	19+19.05 to 19+59.67	LT	120	30	38899	4	0.011	0.044			4					
1	19+24.69 to 32+54.42	LT	120	30	38785	4	0.541	2.164			4					
1	19+26.58 to 19+37.78	LT	120	30	38904	4	0.019	0.076			4					
1	32+81.54 to 41+57.06	LT	120	30	38832	4	0.346	1.384			4					
1	41+78.25 to 45+88.37	LT	120	30	38850	4	0.201	0.804			4					
1	46+14.22 to 51+66.37	LT	120	30	38856	4	0.225	0.900			4					
1	51+92.81 to 63+20.00	LT	120	30	38880	4	0.436	1.744			4					
		LT		30												
<b>SUB-TOTAL:</b>																
<b>SUB-TOTAL:</b>																

REVISIONS				AIM Engineering & Surveying, Inc. 2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114		LEE COUNTY DEPARTMENT OF TRANSPORTATION			<b>SUMMARY OF QUANTITIES</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	AIM PROJECT NUMBER		
					LEE	17-0569	SQ-6			

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

**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	Clearing & Grubbing	13+53.70 to 16+10.97	LT	38149	LS	0.114			1		1.73 Total AC	
		16+28.92 to 16+76.93	LT	24082		0.027						
		16+91.16 to 18+95.58	LT	35854		0.075						
		19+19.05 to 19+90.03	LT	38170		0.058						
		20+06.10 to 20+37.59	LT	24122		0.012						
		20+54.30 to 21+20.50	LT	24130		0.026						
		21+36.97 to 22+41.25	LT	24140		0.042						
		22+57.35 to 22+82.90	LT	24152		0.010						
		22+98.50 to 24+41.50	LT	24161		0.060						
		24+57.52 to 25+24.52	LT	24172		0.027						
		25+40.81 to 26+06.09	LT	24182		0.026						
		26+17.43 to 26+38.66	LT	24191		0.008						
		26+54.17 to 26+77.50	LT	24198		0.009						
		27+02.35 to 27+61.71	LT	24206		0.024						
		27+77.05 to 28+84.33	LT	24214		0.043						
		28+99.90 to 29+64.73	LT	24226		0.026						
		29+80.70 to 31+36.42	LT	24237		0.063						
		31+51.97 to 32+54.42	LT	24247		0.038						
		32+81.54 to 33+65.39	LT	24257		0.030						
		33+81.99 to 34+75.82	LT	24265		0.037						
		34+85.79 to 35+13.99	LT	24276		0.010						
		35+29.60 to 35+83.94	LT	24286		0.021						
		35+95.76 to 36+27.16	LT	24297		0.012						
		36+45.41 to 37+18.54	LT	24306		0.029						
		37+34.30 to 37+90.47	LT	24317		0.022						
		38+06.02 to 38+74.06	LT	24326		0.026						
		38+89.83 to 39+61.38	LT	24336		0.028						
		39+77.37 to 40+30.37	LT	24347		0.021						
		40+46.02 to 41+57.06	LT	24356		0.041						
		41+80.25 to 45+86.37	LT	38164		0.184						
		46+14.22 to 47+14.34	LT	24373		0.039						
		47+30.00 to 47+68.14	LT	24382		0.015						
		47+83.64 to 48+46.32	LT	24390		0.025						
		48+61.89 to 49+30.15	LT	24399		0.028						
		49+45.59 to 50+03.56	LT	24408		0.022						
		50+15.81 to 50+42.47	LT	24418		0.009						
		50+60.46 to 51+66.37	LT	24433		0.040						
		51+92.81 to 58+17.80	LT	24439		0.248						
		58+35.96 to 60+06.95	LT	24449		0.063						
		60+39.83 to 62+24.28	LT	24457		0.065						
		62+34.12 to 63+16.75	LT	24464		0.024						

<p align="center"><b>REVISIONS</b></p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					<p align="center"><b>AIM Engineering &amp; Surveying, Inc.</b></p> <p align="center">2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114</p>		<p align="center"><b>LEE COUNTY</b> <b>DEPARTMENT OF TRANSPORTATION</b></p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>AIM PROJECT NUMBER</th> </tr> </thead> <tbody> <tr> <td> </td> <td>LEE</td> <td>17-0569</td> </tr> </tbody> </table>			ROAD NO.	COUNTY	AIM PROJECT NUMBER		LEE	17-0569	<p align="center"><b>SUMMARY OF QUANTITIES</b></p>		<p align="center">SHEET NO. SQ-7</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																						
ROAD NO.	COUNTY	AIM PROJECT NUMBER																							
	LEE	17-0569																							

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

**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 4 10	Removal of Existing Concrete	16+74.11 to 16+94.33	LT	22864	SY		35.6		1280		Driveways	
		19+87.06 to 20+08.28	LT	22872			35.1					
		20+33.50 to 20+58.84	LT	22879			37.4					
		21+14.15 to 21+43.39	LT	22888			37.7					
		22+37.25 to 22+62.34	LT	22897			34.5					
		22+79.57 to 23+01.10	LT	22906			34.7					
		24+36.14 to 24+62.41	LT	22913			36.0					
		25+17.58 to 25+47.34	LT	22922			40.3					
		26+01.85 to 26+21.65	LT	22931			28.7					
		26+34.18 to 26+57.96	LT	22938			36.2					
		26+74.24 to 27+04.74	LT	22946			54.5					
		27+57.81 to 27+80.16	LT	22953			34.9					
		28+75.69 to 29+07.28	LT	22960			34.7					
		29+56.21 to 29+86.63	LT	22971			35.3					
		31+33.79 to 31+55.31	LT	22980			33.4					
		33+57.80 to 33+87.29	LT	22987			37.2					
		34+68.55 to 34+92.92	LT	22996			23.4					
		35+10.29 to 35+32.27	LT	23005			34.1					
		35+75.73 to 36+00.88	LT	23012			27.0					
		36+21.80 to 36+52.16	LT	23022			38.5					
		37+15.43 to 37+37.12	LT	23031			33.8					
		37+87.08 to 38+08.63	LT	23038			33.7					
		38+67.21 to 38+97.23	LT	23045			34.1					
		39+53.95 to 39+85.30	LT	23055			34.3					
		40+26.91 to 40+49.32	LT	23067			34.0					
		47+08.58 to 47+34.99	LT	23074			36.0					
		47+64.22 to 47+86.42	LT	23083			35.5					
		48+42.88 to 48+64.61	LT	23090			34.1					
		49+27.15 to 49+48.29	LT	23097			34.3					
		49+97.62 to 50+67.17	LT	23104			85.0					
		57+99.75 to 58+56.76	LT	23128			60.2					
		59+90.14 to 60+63.69	LT	23135			88.0					
		62+09.67 to 62+43.30	LT	23143			27.5					

<p align="center"><b>REVISIONS</b></p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					<p align="center"><b>AIM Engineering &amp; Surveying, Inc.</b>                  2161 Fowler St.                  Fort Myers, Florida 33901                  239-332-4569                  Ronald Kerfoot, P.E. 20768                  Certificate of Authorization No. 00003114</p>		<p align="center"><b>LEE COUNTY</b>                  DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>AIM PROJECT NUMBER</th> </tr> </thead> <tbody> <tr> <td> </td> <td>LEE</td> <td>17-0569</td> </tr> </tbody> </table>		ROAD NO.	COUNTY	AIM PROJECT NUMBER		LEE	17-0569	<p align="center"><b>SUMMARY OF QUANTITIES</b></p>		<p align="center">SHEET NO. SQ-8</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																					
ROAD NO.	COUNTY	AIM PROJECT NUMBER																						
	LEE	17-0569																						

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SUMMARY OF EARTHWORK					
PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0120 1	Regular Excavation	1070			
0120 6	Embankment	151			

SUMMARY OF PAVEMENT												
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0334 1 11	Superpave Asphaltic Conc, Traffic A	15+97.58 to 16+48.52		LT	37531	TN	5.51		9.9			
		41+44.18 to 41+92.20		LT	37543		4.36					

SUMMARY OF MISCELLANEOUS ASPHALT PAVEMENT									
LOCATION	SIDE	AREA ID	LENGTH	WIDTH	THICK (IN)	UNDER GUARDRAIL		DESIGN NOTES	CONSTRUCTION REMARKS
						0339 1			
						P	F		
STA. TO STA.									
43+42.40 to 43+64.60	LT	35747			2"		0.07		
43+88.60 to 45+26.79	LT	35749			2"		0.65		
SUB-TOTAL:							0.72		
TOTAL:							0.7		
GRAND TOTAL:							0.7		

SUMMARY OF RAILING					
LOCATION	SIDE	PED/BICYCLE RAILING (ALUMINUM ONLY) (42" TYPE 1)		DESIGN NOTES	CONSTRUCTION REMARKS
		0515 2311			
		P	F		
STA. TO STA.					
43+04.66 to 44+48.55	LT	145.5			
SUB-TOTAL:		145.5			
TOTAL:		146			

REVISIONS				AIM Engineering & Surveying, Inc. 2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER		
						LEE	17-0569		

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**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 7	Concrete Curb & Gutter, Type E	17+72.98 to 17+89.98	LT		LF	17.0			17.0		51			
		42+36.12 to 42+53.12	LT			17.0			17.0					
		52+22.83 to 52+39.83	LT			17.0			17.0					
0520 1 10	Concrete Curb & Gutter, Type F	41+79.42 to 41+91.11	LT		LF	26.9			26.9		763			
		41+91.11 to 41+95.63	LT			5.4			5.4					
		41+93.32 to 41+99.89	LT			7.2			7.2					
		42+00.21 to 42+02.46	LT			5.5			5.5					
		42+02.46 to 42+05.31	LT			2.9			2.9					
		42+05.31 to 42+36.14	LT			30.8			30.8					
		42+53.15 to 43+57.79	LT			104.7			104.7					
		43+57.76 to 43+67.76	LT			10.0			10.0					
		43+85.59 to 43+95.59	LT			10.0			10.0					
		43+95.56 to 45+51.50	LT			156.0			156.0					
		45+51.50 to 45+59.64	LT			8.3			8.3					
		45+59.64 to 45+87.21	LT			49.6			49.6					
		59+90.13 to 60+63.68	LT			73.6			73.6					
		60+63.68 to 60+69.69	LT			6.0			6.0					
		60+69.69 to 61+62.51	LT			92.8			92.8					
		61+62.51 to 61+65.51	LT			4.7			4.7					
		61+65.51 to 61+65.51	LT			0.8			0.8					
		61+70.51 to 61+70.51	LT			0.8			0.8					
		61+70.51 to 61+73.51	LT			4.7			4.7					
		61+73.51 to 62+03.67	LT			30.2			30.2					
		62+03.67 to 62+09.66	LT			6.0			6.0					
		62+09.66 to 62+42.69	LT			33.0			33.0					
		62+38.15 to 62+40.95	LT			7.0			7.0					
		62+40.95 to 62+45.53	LT			6.4			6.4					
		62+42.69 to 62+53.57	LT			10.9			10.9					
		62+50.53 to 62+53.87	LT			5.1			5.1					
		62+53.87 to 62+55.70	LT			1.8			1.8					
		62+55.70 to 63+17.34	LT			62.2			62.2					

<p align="center"><b>REVISIONS</b></p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					<p align="center"><b>AIM Engineering &amp; Surveying, Inc.</b>                  2161 Fowler St.                  Fort Myers, Florida 33901                  239-332-4569                  Ronald Kerfoot, P.E. 20768                  Certificate of Authorization No. 00003114</p>		<p align="center"><b>LEE COUNTY</b>                  DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>AIM PROJECT NUMBER</th> </tr> </thead> <tbody> <tr> <td> </td> <td>LEE</td> <td>17-0569</td> </tr> </tbody> </table>		ROAD NO.	COUNTY	AIM PROJECT NUMBER		LEE	17-0569	<p align="center"><b>SUMMARY OF QUANTITIES</b></p>		<p align="center">SHEET NO. SQ-10</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																					
ROAD NO.	COUNTY	AIM PROJECT NUMBER																						
	LEE	17-0569																						

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

**SUMMARY OF SIDEWALK & DETECTABLE WARNINGS**

LOCATION  STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 6"		BUS BAY/BOARDING PAD - CONCRETE		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
					0522 2		0522 3		0527 2			
					SY		SY		SF			
					P	F	P	F	P	F		
13+53.25 to 16+04.83	LT	8790			146.8							
16+34.74 to 16+76.82	LT	8800			23.9							
16+74.11 to 16+94.33	LT	9103			35.6					Driveway		
16+91.39 to 18+95.07	LT	8806			113.7							
19+25.42 to 19+90.00	LT	11280			34.7							
19+87.06 to 20+08.28	LT	9111			35.1					Driveway		
20+06.13 to 20+37.56	LT	11285			17.4							
20+33.50 to 20+58.84	LT	9118			37.4					Driveway		
20+54.32 to 21+20.45	LT	11291			36.6							
21+14.15 to 21+43.39	LT	9127			37.7					Driveway		
21+36.97 to 22+41.24	LT	11298			57.9							
22+37.25 to 22+62.34	LT	9136			34.5					Driveway		
22+57.35 to 22+82.86	LT	11305			14.1							
22+79.57 to 23+01.10	LT	9145			34.7					Driveway		
22+98.63 to 24+41.47	LT	11310			79.3							
24+36.14 to 24+62.41	LT	9152			36.0					Driveway		
24+57.57 to 25+22.75	LT	11315			35.0							
25+17.58 to 25+47.34	LT	9161			40.3					Driveway		
25+40.85 to 26+06.04	LT	11320			36.1							
26+01.85 to 26+21.65	LT	9170			28.7					Driveway		
26+17.68 to 26+38.63	LT	11325			11.4							
26+34.18 to 26+57.96	LT	9177			36.2					Driveway		
26+54.23 to 26+77.47	LT	11330			12.8							
26+74.24 to 27+04.74	LT	9185			54.5					Driveway		
27+02.38 to 27+61.70	LT	11335			32.9							
27+57.81 to 27+80.16	LT	9192			34.9					Driveway		
27+77.14 to 28+84.30	LT	11341			59.4							
28+75.69 to 29+07.28	LT	9199			34.7					Driveway		
28+99.95 to 29+64.72	LT	11349			35.9							
29+56.21 to 29+86.63	LT	9210			35.3					Driveway		
29+80.73 to 31+36.36	LT	11354			86.4							
31+33.79 to 31+55.31	LT	9219			33.4					Driveway		
31+52.00 to 32+53.89	LT	11359			55.7							
32+82.05 to 33+65.39	LT	8892			45.3							
33+57.80 to 33+87.29	LT	9226			37.2					Driveway		
33+81.97 to 34+75.82	LT	8898			52.0							
34+68.55 to 34+92.92	LT	9235			23.4							
34+85.80 to 35+13.96	LT	8903			15.6							
35+10.29 to 35+32.27	LT	9244			34.1							
35+29.70 to 35+83.85	LT	8908			29.9							
35+75.73 to 36+00.88	LT	9251			27.0							
35+95.52 to 36+27.39	LT	8913			17.6							
36+21.80 to 36+52.16	LT	9261			38.5							
36+45.46 to 37+18.53	LT	8918			40.5							
37+15.43 to 37+37.12	LT	9270			33.8							
37+34.35 to 37+90.45	LT	8923			31.1							
37+87.08 to 38+08.63	LT	9277			33.7							
SUB-TOTAL :					1898.7							
TOTAL :					3642		114		173			

REVISIONS				AIM Engineering & Surveying, Inc. 2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114	LEE COUNTY DEPARTMENT OF TRANSPORTATION			<b>SUMMARY OF QUANTITIES</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER		SQ-11
						LEE	17-0569		

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

**SUMMARY OF SIDEWALK & DETECTABLE WARNINGS**

LOCATION  STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 6"		BUS BAY/BOARDING PAD - CONCRETE		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
					0522 2		0522 3		0527 2			
					SY		SY		SF			
					P	F	P	F	P	F		
38+06.09 to 38+74.02	LT	8928			37.6							
38+67.21 to 38+97.23	LT	9284			34.1							
38+89.62 to 39+61.38	LT	8933			39.8							
39+53.95 to 39+85.30	LT	9294			34.3							
39+77.40 to 40+30.34	LT	8938			29.3							
40+26.91 to 40+49.32	LT	9305			34.0							
40+46.11 to 41+56.76	LT	8943			60.9							
41+83.01 to 45+79.44	LT	11364			222.2							
46+14.80 to 47+14.31	LT	11377			54.3							
47+08.58 to 47+34.99	LT	9312			36.0							
47+30.06 to 47+68.11	LT	11382			21.1							
47+64.22 to 47+86.42	LT	9321			35.5							
47+83.71 to 48+46.31	LT	11387			34.7							
48+42.88 to 48+64.61	LT	9328			34.1							
48+61.92 to 49+30.12	LT	11392			37.8							
49+27.15 to 49+48.29	LT	9335			34.3							
49+45.67 to 50+03.00	LT	11398			31.1							
49+97.62 to 50+67.17	LT	9342			85.0							
50+16.95 to 50+41.33	LT	8989			11.7							
50+60.53 to 51+65.91	LT	11404			57.7							
51+93.33 to 58+17.45	LT	11409			345.3							
57+99.75 to 58+56.76	LT	9367			60.2							
58+36.34 to 60+06.71	LT	11415			93.5							
59+90.14 to 60+63.69	LT	9374			88.0							
60+40.71 to 62+24.26	LT	11425			108.9							
62+09.67 to 62+47.08	LT	16685			31.0							
62+34.89 to 63+20.00	LT	9018			51.0							
17+72.98 to 17+90.05	LT	35754					17.8					
18+33.41 to 18+50.41	LT	11549					17.5					
42+36.12 to 42+53.12	LT	11544					21.4					
42+36.12 to 42+53.12	LT	11544					21.4					
52+22.83 to 52+39.83	LT	11539					17.8					
52+22.83 to 52+39.83	LT	11539					17.8					
15+99.29 to 16+04.83	LT	11872						12.2				
16+34.74 to 16+40.16	LT	11878						12.1				
18+89.26 to 18+95.07	LT	11883						12.1				
19+25.42 to 19+32.21	LT	13994						13.0				
32+47.85 to 32+53.89	LT	13998						12.3				
32+82.05 to 32+88.02	LT	11902						12.2				
41+52.03 to 41+56.76	LT	11908						11.2				
41+83.01 to 41+88.70	LT	11914						12.0				
45+72.32 to 45+79.44	LT	38257						13.4				
46+14.80 to 46+21.14	LT	14003						12.6				
51+60.41 to 51+65.91	LT	14008						11.8				
51+93.33 to 51+99.22	LT	14013						12.2				
60+02.35 to 60+06.71	LT	38262						10.9				
60+40.71 to 60+49.15	LT	38263						14.8				
<b>SUB-TOTAL:</b>					1743.4		113.7		172.8			

<p align="center"><b>REVISIONS</b></p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					<p align="center"><b>AIM Engineering &amp; Surveying, Inc.</b></p> <p align="center">2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114</p>		<p align="center"><b>LEE COUNTY</b> <b>DEPARTMENT OF TRANSPORTATION</b></p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>AIM PROJECT NUMBER</th> </tr> </thead> <tbody> <tr> <td> </td> <td>LEE</td> <td>17-0569</td> </tr> </tbody> </table>			ROAD NO.	COUNTY	AIM PROJECT NUMBER		LEE	17-0569	<p align="center"><b>SUMMARY OF QUANTITIES</b></p>		<p align="center">SHEET NO.  SQ-12</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																						
ROAD NO.	COUNTY	AIM PROJECT NUMBER																							
	LEE	17-0569																							

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

SUMMARY OF GUARDRAIL											
LOCATION	SIDE	GUARDRAIL GENERAL TL-3		END TREATMENT TRAILING ANCHORAGE		END TREATMENT PARALLEL APPROACH		PIPE RAIL FOR GUARDRAIL		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.		0536 1 1		0536 85 20		0536 85 24		0536 6			
		LF		EA		EA		LF			
		P	F	P	F	P	F	P	F		
43+43.38 TO 45+16.88	LT	170		1		1		170			
SUB-TOTAL:		170		1		1		170			
TOTAL:		170		1		1		170			

REVISIONS				AIM Engineering & Surveying, Inc.			LEE COUNTY DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114			ROAD NO.	COUNTY	AIM PROJECT NUMBER		SQ-13
								LEE	17-0569		

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SUMMARY OF PERFORMANCE TURF						
LOCATION	SIDE	AREA ID	PERFORMANCE TURF		DESIGN NOTES	CONSTRUCTION REMARKS
			0570 1 1			
			SY			
STA. TO STA.			P	F		
13+44.78 to 16+01.71	LT	38314	29.9			
13+46.21 to 16+00.96	LT	38321	95.6			
13+50.70 to 13+77.99	LT	20495	17.2			
13+51.12 to 15+99.34	LT	38325	228.0			
13+77.91 to 15+74.29	LT	20280	23.3			
15+74.29 to 16+02.48	LT	20504	25.7			
15+95.29 to 16+10.97	LT	21007	23.0			
16+28.92 to 16+47.77	LT	21018	40.7			
16+37.79 to 16+76.32	LT	21980	4.6			
16+38.51 to 16+75.60	LT	21201	34.7			
16+40.70 to 16+76.93	LT	20531	24.6			
16+56.19 to 16+76.22	LT	20543	7.4			
16+91.16 to 17+73.04	LT	20554	31.1			
16+91.29 to 17+73.05	LT	21995	9.4			
16+91.84 to 18+95.58	LT	20285	22.9			
16+91.87 to 17+73.02	LT	21204	74.7			
17+89.97 to 18+62.32	LT	38344	48.9			
17+89.99 to 18+91.03	LT	20566	40.1			
17+90.04 to 18+91.84	LT	22002	11.3			
19+19.05 to 19+39.69	LT	21232	35.8			
19+29.52 to 19+89.81	LT	22007	6.7			
19+29.83 to 19+59.67	LT	20573	21.5			
19+30.43 to 19+88.79	LT	21794	47.3			
19+43.00 to 19+89.78	LT	20583	16.7			
19+59.67 to 19+90.03	LT	20294	3.4			
20+06.10 to 20+37.40	LT	20593	12.6			
20+06.11 to 20+37.43	LT	22022	3.5			
20+06.23 to 20+37.59	LT	20299	3.5			
20+06.82 to 20+36.75	LT	21262	24.5			
20+54.30 to 21+20.50	LT	20304	7.4			
20+54.43 to 21+20.19	LT	22027	7.3			
20+54.45 to 21+20.14	LT	20604	24.6			
20+55.24 to 21+19.23	LT	21272	54.4			
21+36.97 to 22+41.21	LT	20615	38.2			
21+36.97 to 22+41.22	LT	22032	11.6			
21+36.99 to 22+41.25	LT	20309	11.6			
21+38.18 to 22+40.83	LT	21283	92.1			
22+57.35 to 22+82.90	LT	20314	2.8			
22+57.36 to 22+82.62	LT	20625	10.8			
22+57.36 to 22+82.66	LT	22036	2.8			
22+57.67 to 22+82.08	LT	21296	18.8			
22+98.50 to 24+41.29	LT	20636	52.0			
22+98.60 to 24+41.32	LT	22041	15.9			
22+98.80 to 24+41.50	LT	20319	15.9			
22+98.86 to 24+40.93	LT	21306	134.7			
24+57.52 to 25+24.52	LT	20647	25.2			
24+57.54 to 25+23.61	LT	22046	7.3			
SUB-TOTAL:			1502.0			
TOTAL:			6085			

SUMMARY OF PERFORMANCE TURF						
LOCATION	SIDE	AREA ID	PERFORMANCE TURF		DESIGN NOTES	CONSTRUCTION REMARKS
			0570 1 1			
			SY			
STA. TO STA.			P	F		
24+57.68 to 25+18.44	LT	20324	6.7			
24+58.00 to 25+23.78	LT	21318	60.1			
25+40.81 to 26+05.74	LT	20658	24.6			
25+40.83 to 26+05.79	LT	22051	7.2			
25+40.94 to 26+06.09	LT	20329	7.2			
25+41.85 to 26+04.62	LT	21330	57.3			
26+17.43 to 26+38.46	LT	20669	8.6			
26+17.55 to 26+38.49	LT	22056	2.3			
26+18.33 to 26+38.66	LT	20334	2.3			
26+18.66 to 26+37.24	LT	21341	12.3			
26+54.17 to 26+77.25	LT	20680	9.5			
26+54.20 to 26+77.29	LT	22061	2.6			
26+54.37 to 26+77.50	LT	20339	2.6			
26+55.23 to 26+76.20	LT	21350	15.1			
27+02.35 to 27+61.61	LT	20690	22.6			
27+02.36 to 27+61.62	LT	22066	6.6			
27+02.47 to 27+61.71	LT	20344	6.6			
27+03.07 to 27+60.51	LT	21359	51.8			
27+77.05 to 28+83.86	LT	20701	39.1			
27+77.10 to 28+84.05	LT	22071	11.9			
27+77.30 to 28+84.33	LT	20349	11.9			
27+77.85 to 28+83.10	LT	21368	93.3			
28+99.90 to 29+64.61	LT	20717	24.4			
28+99.92 to 29+64.63	LT	22076	7.2			
29+00.10 to 29+64.73	LT	20354	7.2			
29+00.48 to 29+63.81	LT	21387	53.0			
29+80.70 to 31+36.42	LT	20728	56.5			
29+80.72 to 31+36.39	LT	22081	17.3			
29+80.80 to 31+36.24	LT	20359	17.3			
29+81.50 to 31+35.67	LT	21808	134.9			
31+51.97 to 32+54.42	LT	20364	11.4			
31+52.14 to 32+50.52	LT	22086	10.9			
31+52.17 to 32+49.66	LT	20750	34.6			
31+53.19 to 32+46.58	LT	21820	76.0			
32+81.54 to 33+65.39	LT	20365	9.3			
32+85.38 to 33+64.93	LT	22091	8.8			
32+86.23 to 33+64.71	LT	20743	27.8			
32+89.25 to 33+63.85	LT	21421	57.0			
33+81.99 to 34+75.79	LT	20370	10.4			
33+82.29 to 34+75.82	LT	22096	10.4			
33+82.49 to 34+75.82	LT	20755	34.7			
33+83.29 to 34+75.04	LT	21830	77.8			
34+85.79 to 35+13.99	LT	20375	3.1			
34+85.85 to 35+13.79	LT	22101	3.1			
34+85.86 to 35+13.76	LT	20764	11.7			
34+87.13 to 35+12.81	LT	21843	18.2			
35+29.60 to 35+83.30	LT	20774	20.8			
35+29.66 to 35+83.39	LT	22106	6.0			
SUB-TOTAL:			1212.0			

REVISIONS				AIM Engineering & Surveying, Inc.	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER	
				2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114		LEE	17-0569	<b>SUMMARY OF QUANTITIES</b> SQ-14

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SUMMARY OF PERFORMANCE TURF

LOCATION	SIDE	AREA ID	PERFORMANCE TURF		DESIGN NOTES	CONSTRUCTION REMARKS
			0570	1 1		
			SY			
STA. TO STA.			P	F		
35+29.88 to 35+83.94	LT	20380	6.0			
35+30.28 to 35+81.93	LT	21855	41.1			
35+95.50 to 36+27.40	LT	22111	3.5			
35+95.55 to 36+27.35	LT	20785	13.0			
35+95.65 to 36+27.27	LT	20385	3.5			
35+96.02 to 36+26.90	LT	21867	23.7			
36+45.41 to 37+18.54	LT	20390	8.1			
36+45.73 to 37+18.45	LT	22116	8.1			
36+45.78 to 37+18.44	LT	20794	27.2			
36+46.45 to 37+17.80	LT	21880	60.1			
37+34.30 to 37+90.35	LT	20805	21.5			
37+34.33 to 37+90.36	LT	22121	6.2			
37+34.41 to 37+90.47	LT	20395	6.2			
37+34.78 to 37+89.29	LT	21893	45.7			
38+06.02 to 38+73.75	LT	20816	25.6			
38+06.06 to 38+73.79	LT	22126	7.5			
38+06.21 to 38+74.06	LT	20400	7.5			
38+06.74 to 38+72.94	LT	21904	51.2			
38+89.59 to 39+61.34	LT	22131	8.0			
38+89.66 to 39+61.34	LT	20830	26.9			
38+89.71 to 39+61.38	LT	20405	8.0			
38+90.25 to 39+60.83	LT	21605	58.5			
39+77.37 to 40+30.37	LT	20410	5.9			
39+77.52 to 40+30.19	LT	22136	5.9			
39+77.54 to 40+30.16	LT	20840	20.3			
39+78.23 to 40+29.34	LT	21619	41.4			
40+46.02 to 41+53.77	LT	20851	38.4			
40+46.08 to 41+54.44	LT	22141	12.0			
40+46.23 to 41+57.06	LT	20415	12.3			
40+46.71 to 41+51.22	LT	21915	81.1			
41+81.33 to 43+63.45	LT	20420	60.6			
41+84.94 to 42+36.12	LT	22146	5.7			
41+85.73 to 42+36.12	LT	20859	18.2			
41+88.52 to 42+36.12	LT	21923	42.3			
42+53.12 to 43+34.86	LT	20868	29.3			
42+53.12 to 43+35.58	LT	22151	9.2			
42+53.12 to 43+57.76	LT	21928	85.2			
43+89.74 to 45+82.59	LT	20427	65.3			
43+95.59 to 45+77.47	LT	21943	152.1			
45+16.36 to 45+78.34	LT	22158	7.2			
46+14.22 to 47+14.34	LT	20434	11.1			
46+18.42 to 47+14.12	LT	22167	10.6			
46+19.31 to 47+14.08	LT	20869	33.6			
46+22.44 to 47+13.23	LT	21679	83.8			
47+30.00 to 47+67.93	LT	20877	15.1			
47+30.04 to 47+67.96	LT	22172	4.2			
47+30.18 to 47+68.14	LT	20439	4.2			
47+30.59 to 47+67.05	LT	21689	31.8			
SUB-TOTAL:			1353.9			

SUMMARY OF PERFORMANCE TURF

LOCATION	SIDE	AREA ID	PERFORMANCE TURF		DESIGN NOTES	CONSTRUCTION REMARKS
			0570	1 1		
			SY			
STA. TO STA.			P	F		
47+83.64 to 48+46.23	LT	20888	24.3			
47+83.68 to 48+46.24	LT	22177	7.0			
47+83.85 to 48+46.32	LT	20444	6.9			
47+84.33 to 48+45.37	LT	21699	52.1			
48+61.89 to 49+29.94	LT	20902	25.7			
48+61.91 to 49+29.97	LT	22182	7.6			
48+61.98 to 49+30.15	LT	20449	7.6			
48+62.64 to 49+29.11	LT	21712	59.6			
49+45.59 to 50+00.24	LT	20913	20.8			
49+45.63 to 50+00.63	LT	22187	6.1			
49+45.83 to 50+03.56	LT	20454	6.4			
49+46.37 to 49+98.94	LT	21722	46.4			
50+15.81 to 50+42.47	LT	20923	9.1			
50+16.03 to 50+42.24	LT	22192	2.8			
50+16.39 to 50+41.62	LT	21947	19.7			
50+60.46 to 51+62.17	LT	20931	35.9			
50+60.50 to 51+62.93	LT	22197	11.4			
50+60.68 to 51+66.37	LT	20456	11.8			
50+62.24 to 51+59.48	LT	21732	84.3			
51+92.81 to 58+17.80	LT	20467	69.4			
51+96.61 to 52+22.83	LT	22202	2.9			
51+97.42 to 52+22.83	LT	20938	9.4			
52+00.27 to 52+22.83	LT	21954	14.4			
52+39.83 to 58+10.79	LT	21740	503.7			
52+39.83 to 58+14.27	LT	20945	202.9			
52+39.83 to 58+14.95	LT	22207	64.0			
58+35.96 to 60+06.95	LT	20471	19.2			
58+39.03 to 60+04.68	LT	22212	18.9			
58+39.76 to 59+91.57	LT	20961	51.4			
58+43.54 to 60+04.60	LT	21761	129.2			
60+39.83 to 62+24.28	LT	20476	11.8			
60+45.93 to 62+23.19	LT	22217	19.4			
60+46.90 to 62+22.77	LT	20967	62.8			
60+51.75 to 62+20.97	LT	21773	84.8			
62+34.92 to 63+14.89	LT	20481	4.4			
62+38.67 to 63+16.59	LT	22222	8.7			
62+38.95 to 63+15.54	LT	21782	30.7			
13+53.25 to 63+20.00	LT		264		Drainage	
SUB-TOTAL:			2017.5			

REVISIONS				AIM Engineering & Surveying, Inc. 2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER		
						LEE	17-0569		SQ-15

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

**SUMMARY OF TRAFFIC MONITORING SITE ITEMS**

SITE NO.	LOCATION STATION	SIDE	CONDUIT		CONDUIT		PULL & SPLICE BOX		DESIGN NOTES	CONSTRUCTION REMARKS
			0630 2 11		0630 2 12		0635 2 12			
			LF		EA		EA			
			P	F	P	F	P	F		
	Del Prado Blvd.	LT					1			
	13+45.17	LT			342					
	13+45.17 - 13+58.26	LT	13							
	13+59.87	LT					1			
	16+61.48 - 15+91.14	LT	244							
	15+91.14 - 16+48.07	LT			61					
	16+48.07 - 18+80.43	LT	238							
	18+80.43 - 19+42.39	LT			62					
	19+42.39 - 22+68.49	LT	328							
	22+69.99	LT					1			
	22+71.49 - 31+32.31	LT	862							
	31+33.81	LT					1			
	31+35.31 - 32+37.15	LT	102							
	32+37.15 - 32+97.11	LT			60					
	32+97.11 - 40+26.08	LT	729							
	40+27.58	LT					1			
	40+29.08 - 41+43.51	LT	115							
	41+43.51 - 41+96.21	LT			53					
	41+96.21 - 43+34.83	LT	140							
	43+36.33	LT					1			
	43+37.83 - 44+18.16	LT	80							
	44+19.66	LT					1			
	44+21.16 - 45+66.79	LT	147							
	45+66.79 - 46+31.76	LT			65					
	46+31.76 - 50+27.64	LT	396							
	50+29.14	LT					1			
	50+30.64 - 51+50.61	LT	120							
	51+50.61 - 52+09.24	LT			59					
	52+09.24 - 60+49.99	LT	841							
	60+51.49	LT					1			
	60+52.99 - 63+19.99	LT	267							
	63+19.99 - 65+19.27	LT			201					
	65+21.27	LT					1			
SUB-TOTAL :			4622		903		10			
TOTAL :			4622		903		10			

REVISIONS				AIM Engineering & Surveying, Inc. 2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114	LEE COUNTY DEPARTMENT OF TRANSPORTATION			<b>SUMMARY OF QUANTITIES</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER		SQ-16
						LEE	17-0569		

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*LEE COUNTY*  
*DEPARTMENT OF TRANSPORTATION*

*CONTRACT PLANS*

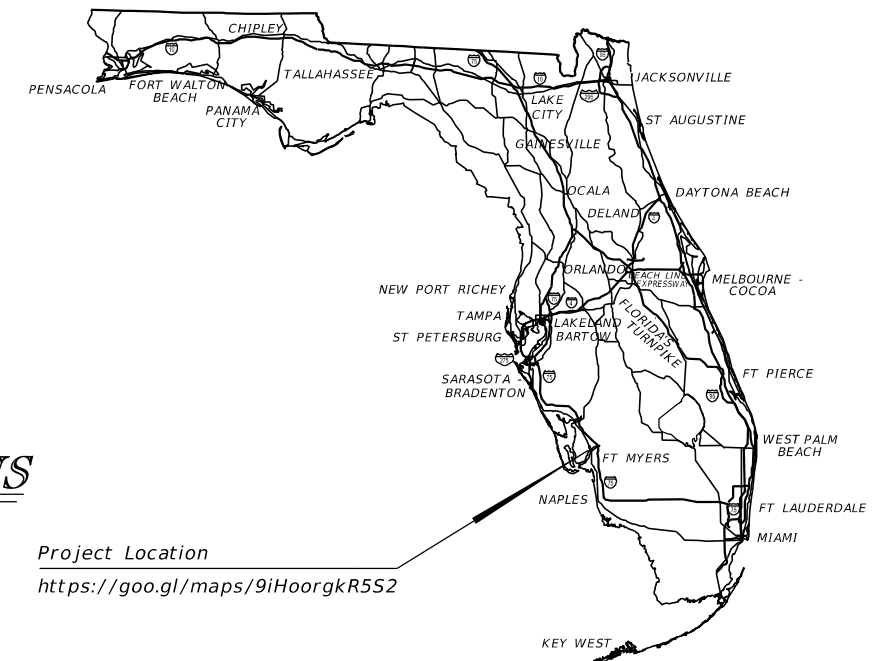
**HANCOCK BRIDGE PARKWAY SIDEWALK PROJECT  
(NE 16TH PLACE TO SE 24TH AVENUE)**

LEE COUNTY (12070)

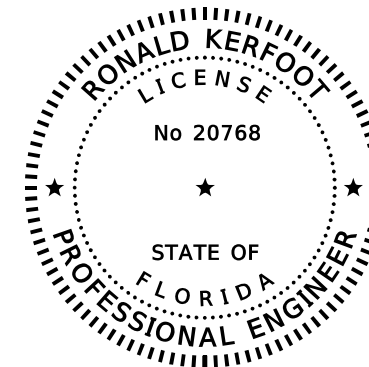
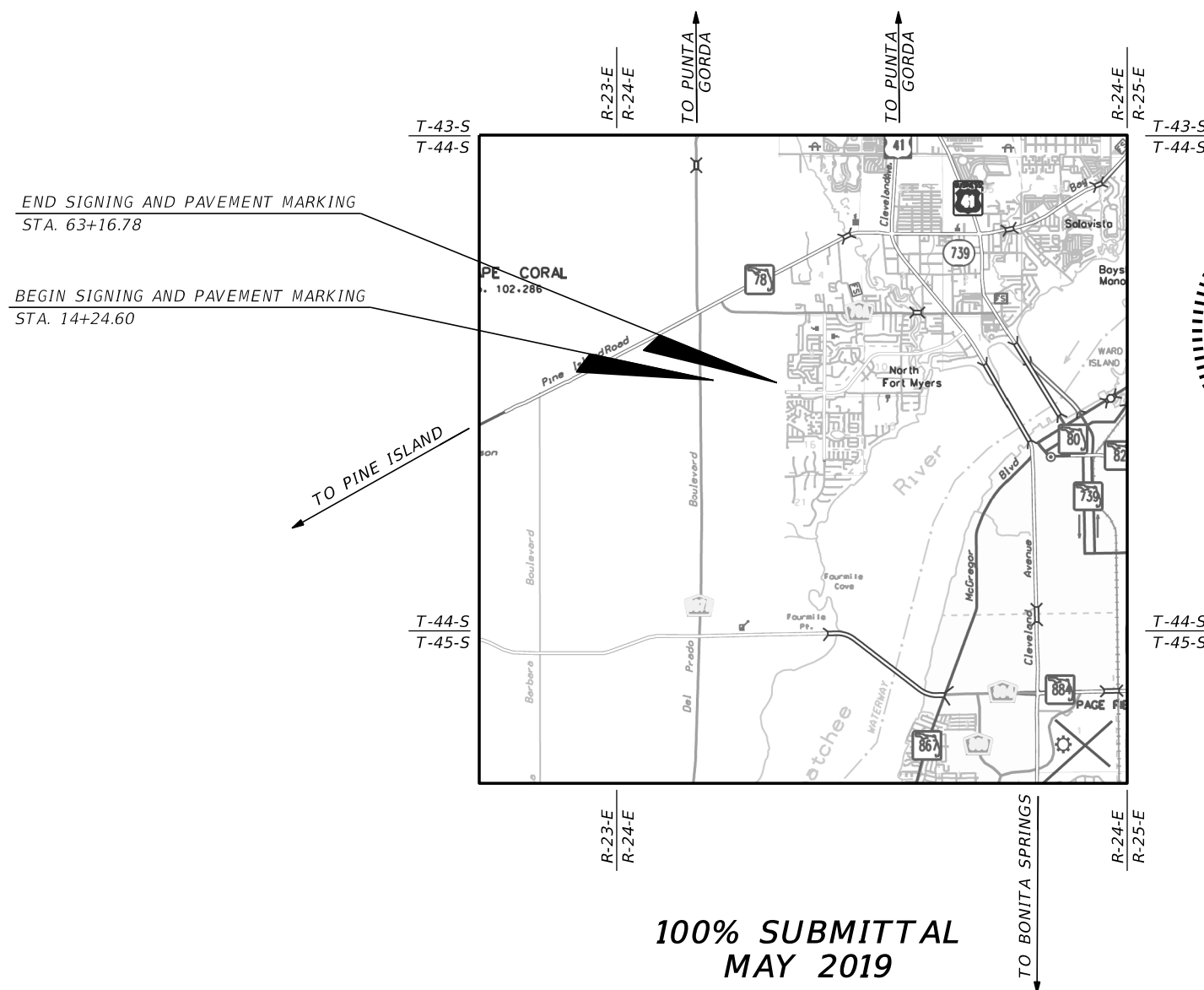
*SIGNING AND PAVEMENT MARKING PLANS*

**INDEX OF SIGNING AND  
PAVEMENT MARKING PLANS**

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2	TABULATION OF QUANTITIES
S-3	GENERAL NOTES
S-4 - S-8	SIGNING AND PAVEMENT MARKING



Project Location  
<https://goo.gl/maps/9iHoorgkR5S2>



THIS ITEM HAS BEEN DIGITALLY  
SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL  
PRINTED COPIES OF THIS DOCUMENT ARE  
NOT CONSIDERED SIGNED AND SEALED AND  
THE SIGNATURE MUST BE VERIFIED  
ON ANY ELECTRONIC COPIES.

**SIGNING AND  
PAVEMENT MARKING PLANS  
ENGINEER OF RECORD:**

RONALD KERFOOT, P.E.  
P.E. NO.: 20768  
AIM ENGINEERING & SURVEYING, INC.  
2161 FOWLER ST.  
FORT MYERS, FL. 33901  
CONTRACT NO.: 160311  
VENDOR NO.: F650197775003  
CERTIFICATE OF AUTHORIZATION NO.: 3114

**FDOT PROJECT MANAGER:**  
ALEJANDRO SLAIBE, E.I.

**100% SUBMITTAL  
MAY 2019**

CONTRACT NO.	FISCAL YEAR	SHEET NO.
160311	19	S-1

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TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL	
			S-4		S-5		S-6		S-7		S-8		PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL								
0700 1 50	Single Post Sign, Relocate	AS	9		4		3		5		4						25		25	
0700 2 50	Multi-Post Sign, Relocate	AS	4					1									5		5	
0711 11123	Thermo., Std., White, Solid, Crosswalk/RA, 12"	LF	138.8		63.3		127.3		62.2		97.9						489.5		490	
0711 11125	Thermo., Std., White, Solid, Stop Line, 24"	LF	26.9		11.1		22.9		11.7								72.6		73	
0711 16101	Thermo., Std., Other Surfaces, White, Solid, 6"	GM	0.003				0.065		0.004		0.054						0.126		0.056	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**AIM Engineering & Surveying, Inc.**  
 2161 Fowler St.  
 Fort Myers, Florida 33901  
 239-332-4569  
 Ronald Kerfoot, P.E. 20768  
 Certificate of Authorization No. 00003114

**LEE COUNTY**  
**DEPARTMENT OF TRANSPORTATION**

ROAD NO.	COUNTY	AIM PROJECT NUMBER
	LEE	17-0569

**TABULATION OF QUANTITIES**

SHEET NO.  
S-2

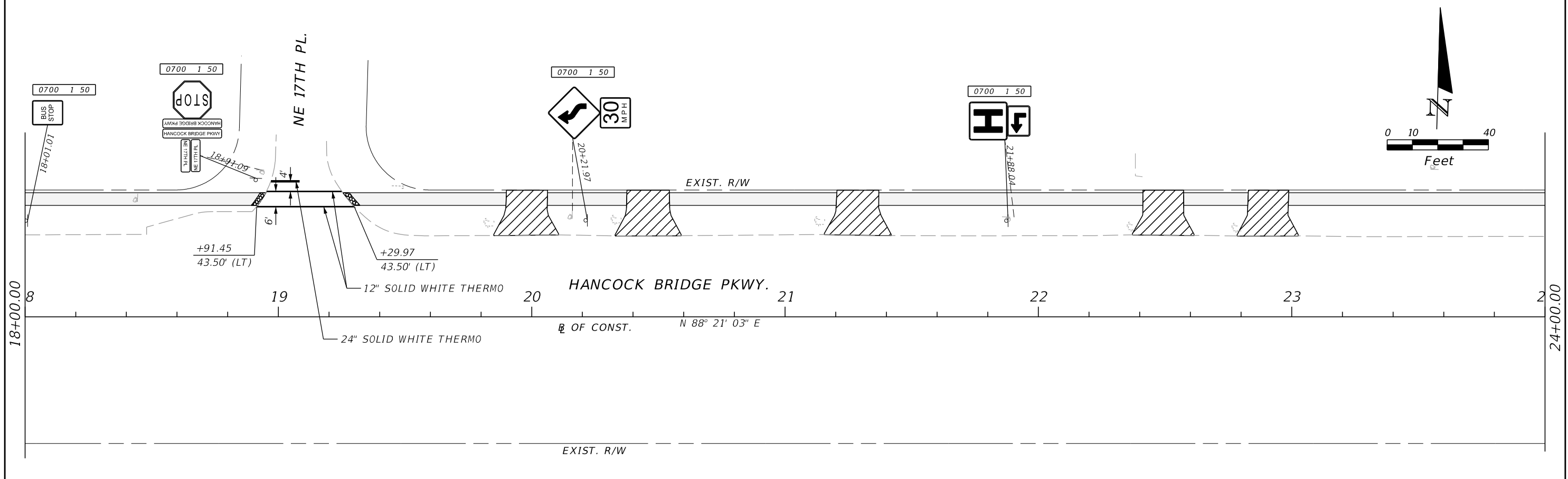
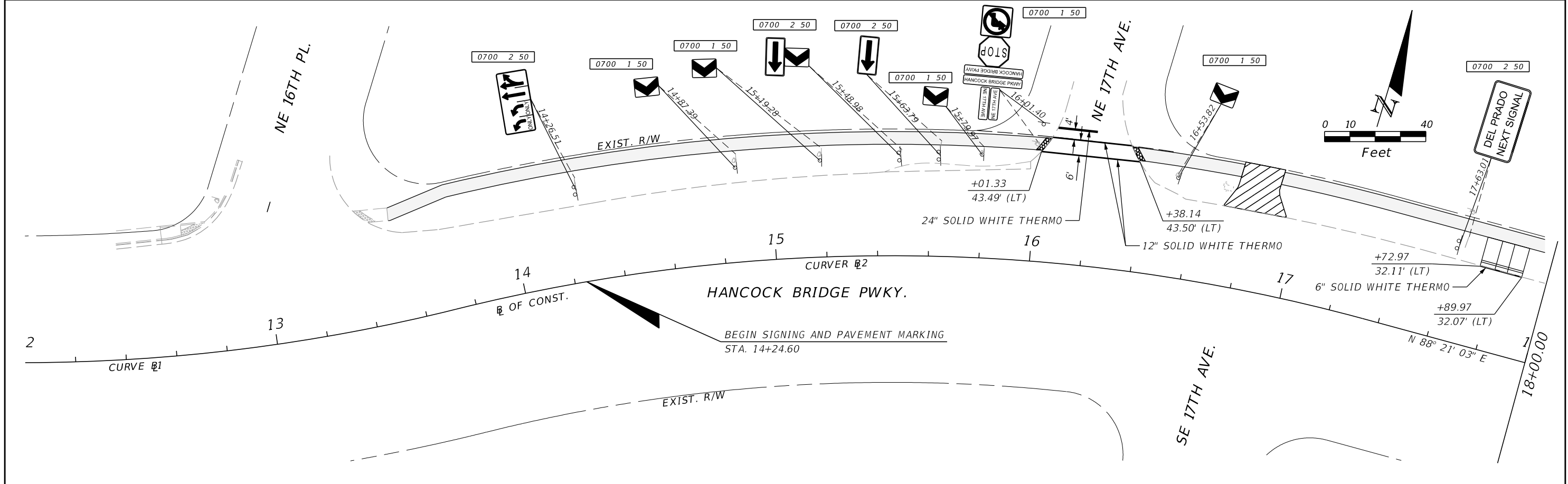
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SIGNING AND PAVEMENT MARKING NOTES

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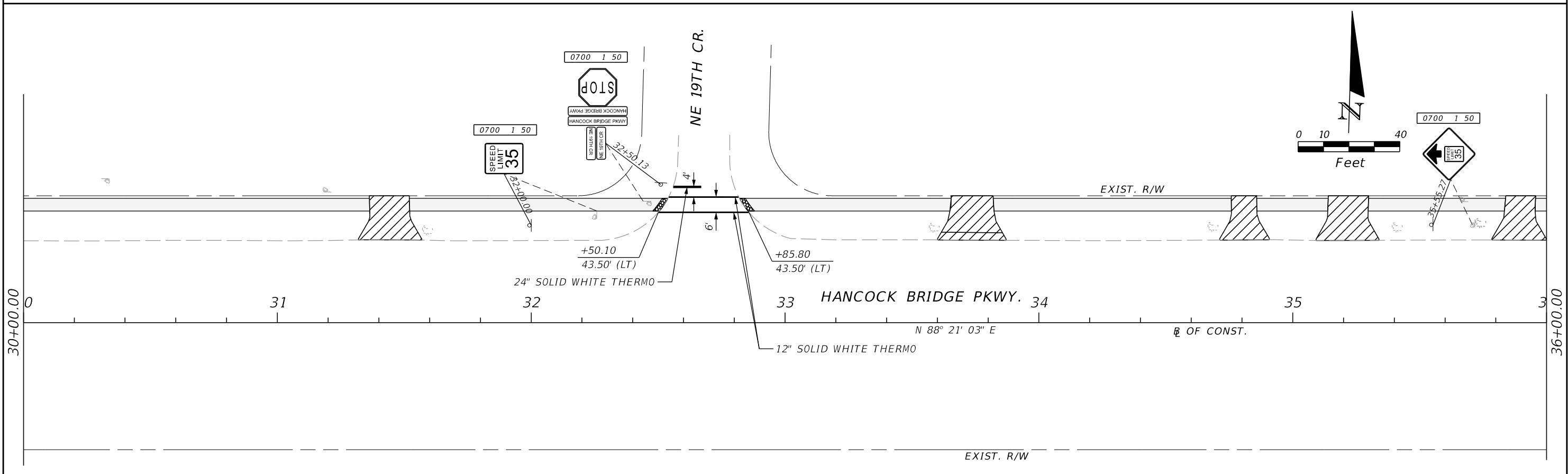
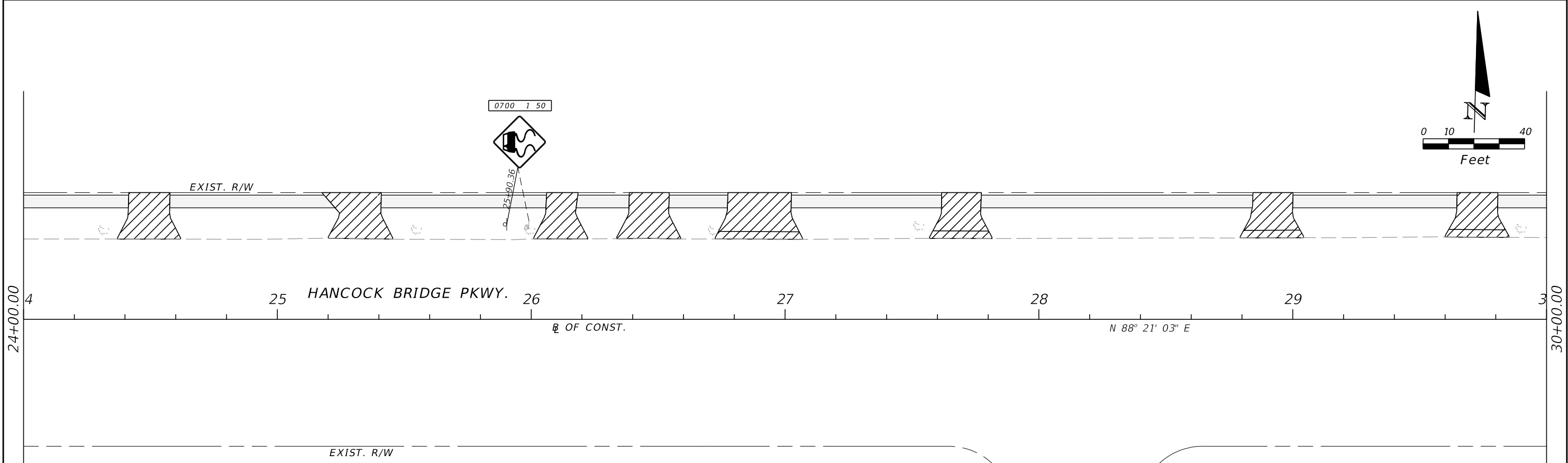
1. PAVEMENT MARKINGS SHOULD BE PLACED AS SHOWN IN THE TRAFFIC DESIGN STANDARDS.
2. ALL EXISTING D.O.T. SIGNS THAT CONFLICT WITH CONSTRUCTION OPERATIONS SHALL BE REMOVED, STOCKPILED AND RELOCATED BY THE CONTRACTOR. SIGN REMOVAL SHALL BE DIRECTED BY THE PROJECT ENGINEER.
3. SIGNING AND PAVEMENT MARKING TO BE DONE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
4. SIDE ROAD STOP BARS LOCATIONS ARE TO BE DETERMINED BY THE PROJECT ENGINEER DURING CONSTRUCTION TO OBTAIN PROPER SIGHT DISTANCE.
5. CAUTION SHOULD BE EXERCISED WHILE RELOCATING EXISTING SIGNS TO PREVENT UNNECESSARY DAMAGE TO SIGNS. IF THE SIGNS ARE DAMAGED BEYOND USE, AS DETERMINED BY THE PROJECT ENGINEER, SIGNS SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
6. SIGNAGE SHOWN IS FOR RELOCATION OF EXISTING SIGNS DURING CONSTRUCTION ONLY.
7. TEMPORARY PAVEMENT MARKINGS ON NEW ASPHALT SHALL BE PAINTED AND NOT THERMOPLASTIC.
8. ALL PERMANENT MARKINGS PLACED WITHIN THE LEE COUNTY RIGHT-OF-WAY SHALL BE THERMOPLASTIC.
9. SIGN LOCATIONS SHOWN ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENT AS DIRECTED BY THE ENGINEER.
10. ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET, AND METHOD OF INSTALLATION.
11. ANY SIGN MOUNTED OVER A SIDEWALK SHALL HAVE A STANDARD VERTICAL CLEARANCE OF 8 FEET AND A HORIZONTAL CLEARANCE OF 2 FEET TO THE POST.
12. ALL RELOCATED SIGNS SHALL HAVE A MINIMUM LATTERAL OFFSET OF 6 FEET FROM EXISTING EDGE OF PAVEMENT.
13. REFER TO LATEST EDITION OF LEE COUNTY DOT SIGN INTALLATION SPECIFICATIONS LOCATED AT: [HTTPS://WWW.LEE.GOV.COM/DOT/TRAFFIC/TRAFFICSINGINSTALLATION](https://www.leegov.com/dot/traffic/trafficsigninstallation)

REVISIONS				AIM Engineering & Surveying, Inc. 2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114	LEE COUNTY DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.  S-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER		
					LEE	17-0569			



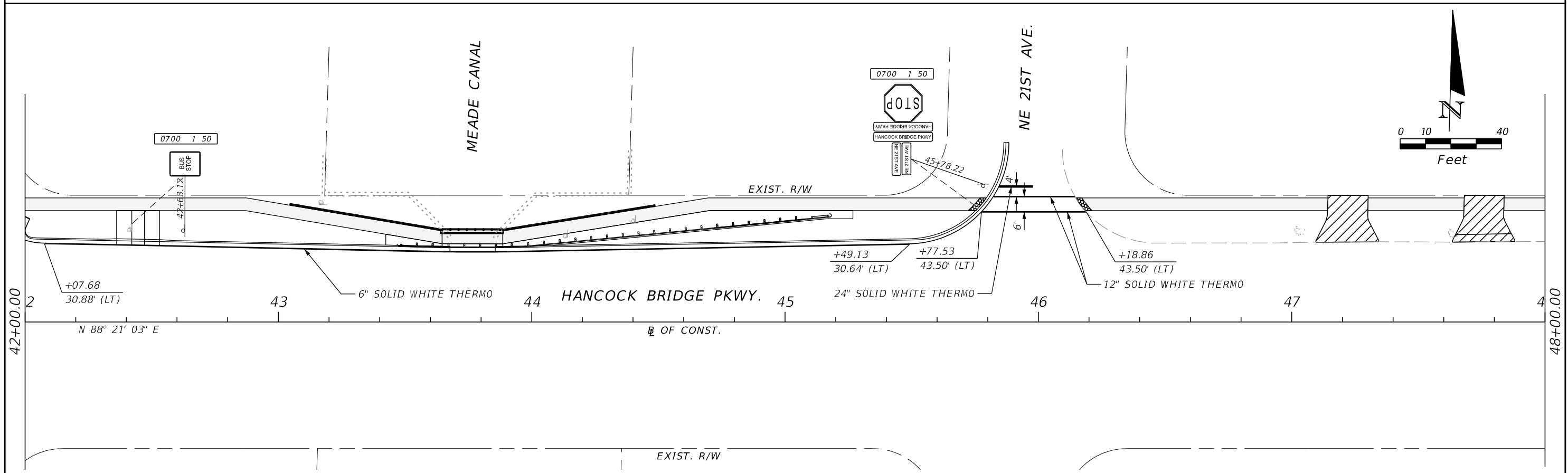
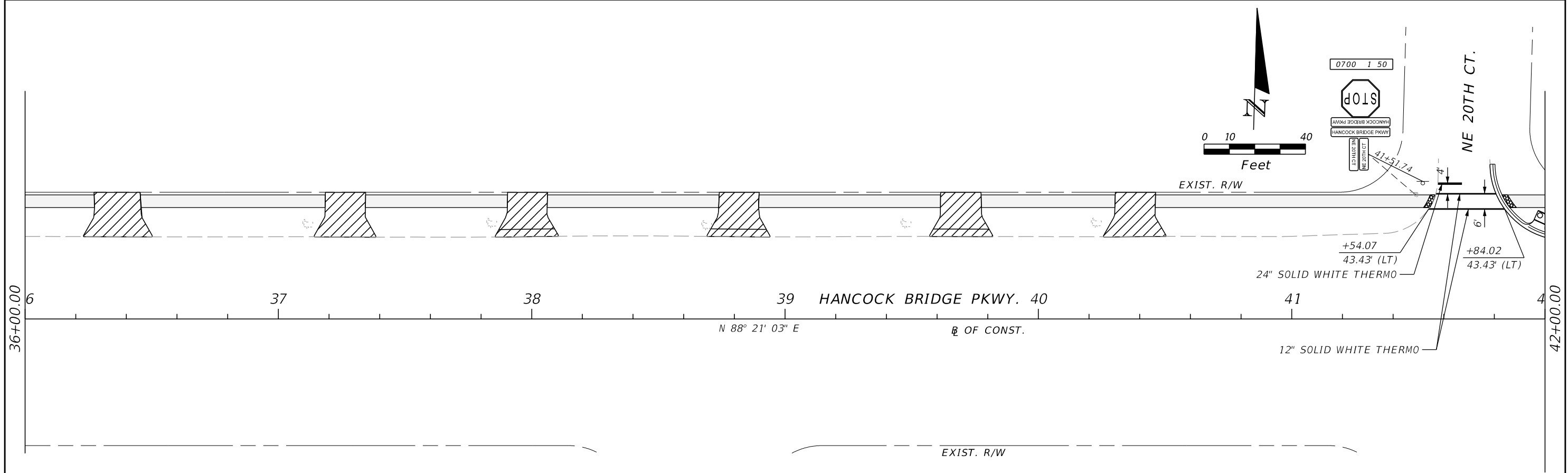
REVISIONS				AIM Engineering & Surveying, Inc. 2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SHEET NO. S-4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER	
					LEE	17-0569		

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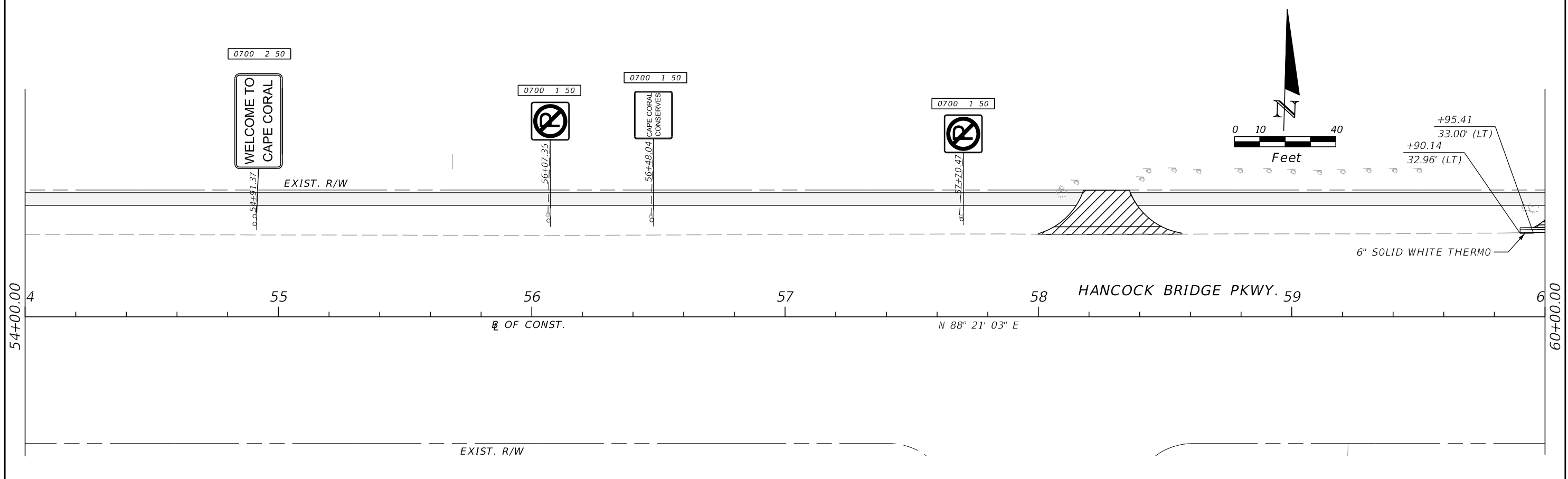
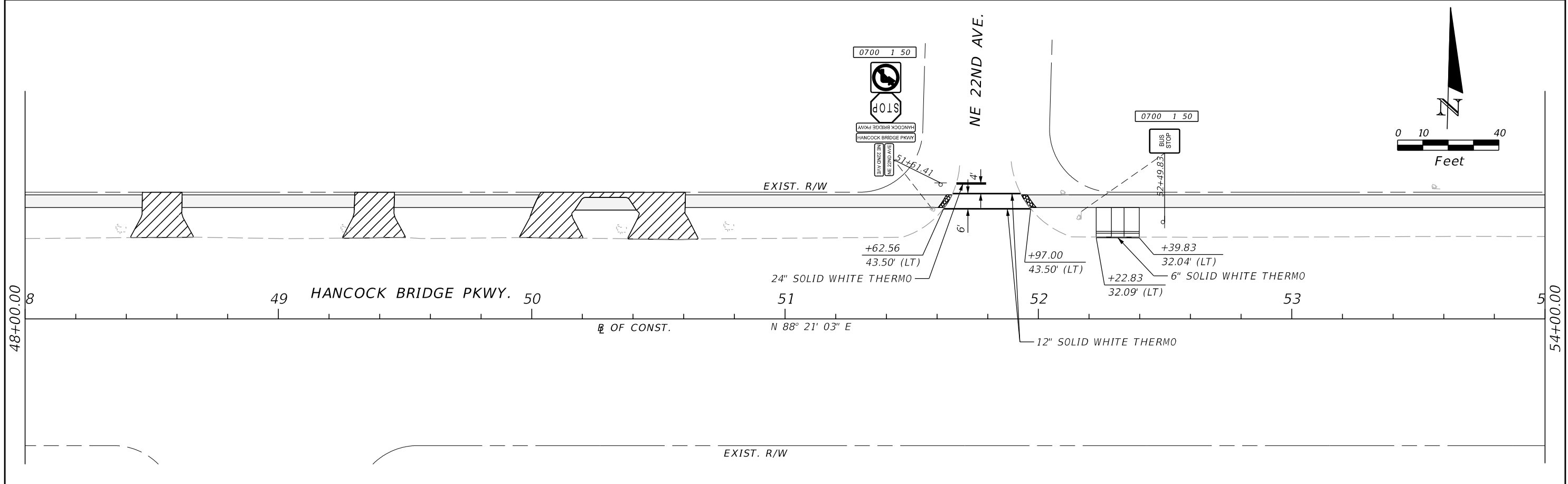
REVISIONS				AIM Engineering & Surveying, Inc. 2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING	SHEET NO. S-5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER		
					LEE	17-0569			

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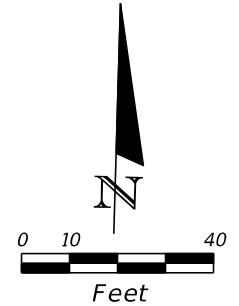
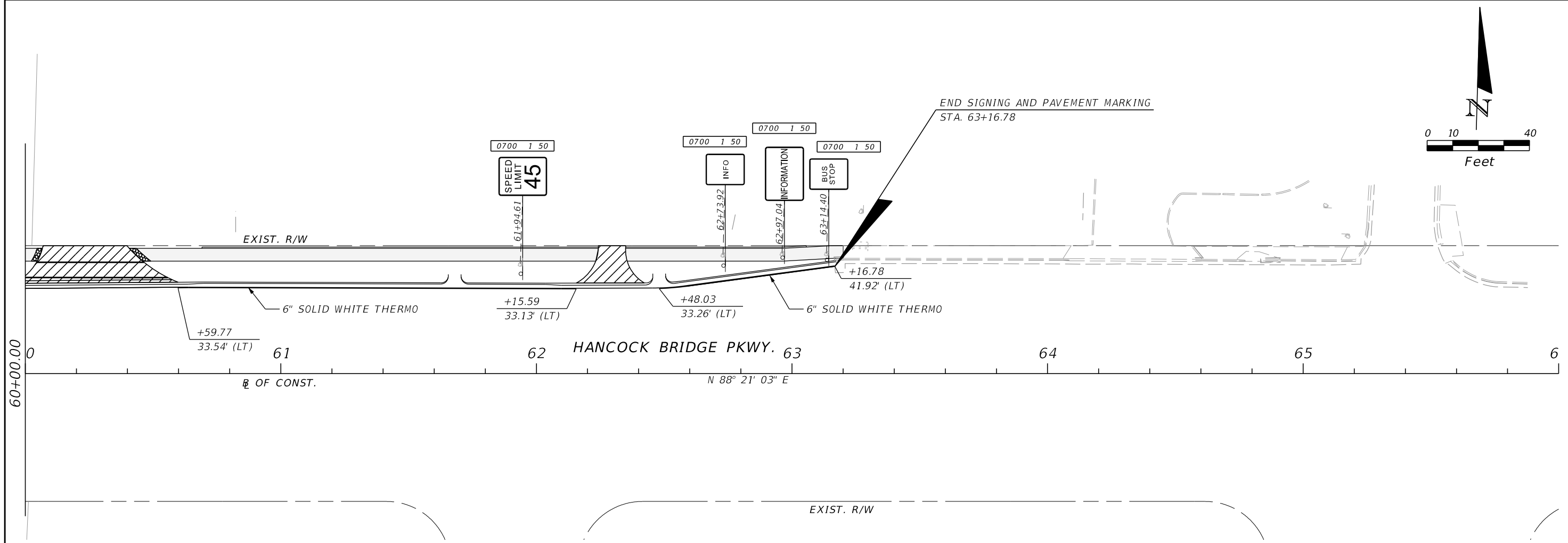
REVISIONS				AIM Engineering & Surveying, Inc. 2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING	SHEET NO. S-6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER		
					LEE	17-0569			

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REVISIONS				AIM Engineering & Surveying, Inc. 2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING	SHEET NO. S-7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER		
					LEE	17-0569			

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

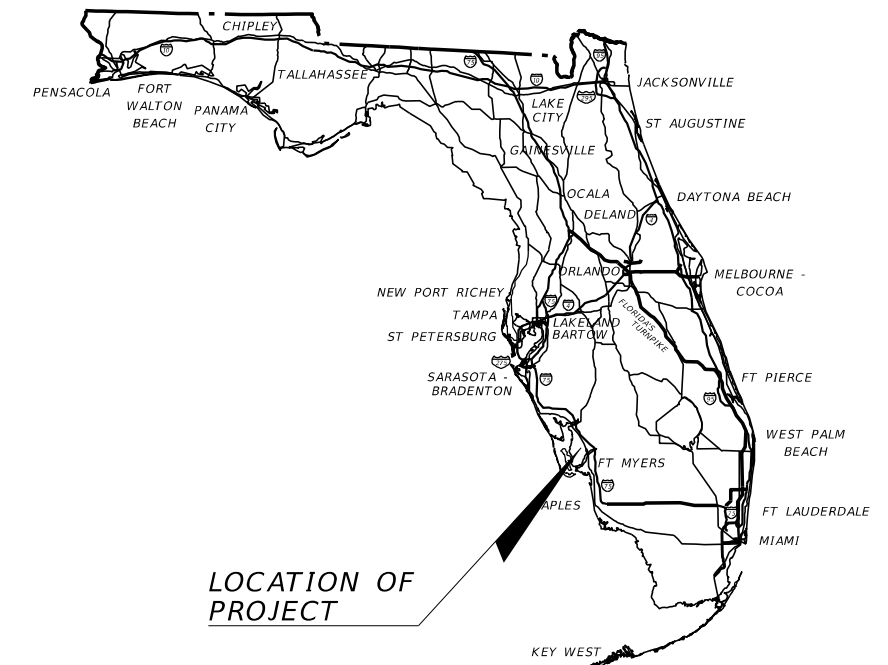


Blank area for notes or additional drawings.

REVISIONS				AIM Engineering & Surveying, Inc. 2161 Fowler St. Fort Myers, Florida 33901 239-332-4569 Ronald Kerfoot, P.E. 20768 Certificate of Authorization No. 00003114	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING	SHEET NO. S-8
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	AIM PROJECT NUMBER		
					LEE	17-0569			

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*LEE COUNTY*  
**DEPARTMENT OF TRANSPORTATION**



**INDEX OF STRUCTURE PLANS**  
**MEADE CANAL BOX CULVERT EXTENSION**  
**B SET - KEY SHEET TO GENERAL NOTES**

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
B-1	KEY SHEET
BQ1-1	SUMMARY OF STRUCTURES QUANTITIES
B-2	GENERAL NOTES

**B1 SET - BOX CULVERT EXTENSION**

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
B1-1	PLAN - EXISTING
B1-2	PLAN - TOP SLAB REMOVAL
B1-3	PLAN - BOTTOM SLAB & WALLS REMOVAL
B1-4	PLAN - PROPOSED TOP SLAB EXTENSION
B1-5	LONGITUDINAL SECTIONS
B1-6	SECTION A-A
B1-7	SECTIONS B-B & C-C
B1-8	PLAN - BOTTOM SLAB OUTLINE
B1-9	BOTTOM SLAB DIMENSIONS & REINF.
B1-10	PLAN - WALL EXTENSIONS
B1-11	PLAN - WALL DIMENSIONS & REINF.
B1-12	PLAN - TOP SLAB DIMENSIONS & REINF.
B1-13	REINFORCING BAR TABLE

**CONTRACT PLANS**

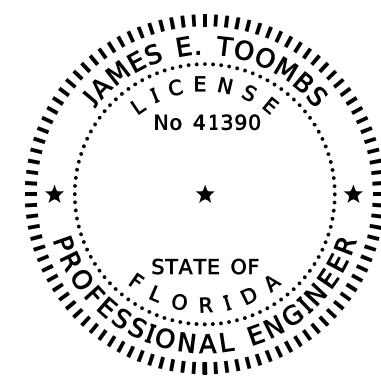
LEE COUNTY CONTRACT NO.  
**160311**

LEE COUNTY (12070)

HANCOCK BRIDGE PARKWAY SIDEWALK PROJECT  
(NE 16TH PLACE TO SE 24TH AVENUE)

**STRUCTURE PLANS**

LOCATION OF PROJECT



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

**STRUCTURE PLANS:**  
**ENGINEER OR RECORD:**

JAMES E. TOOMBS, P.E.  
AIM ENGINEERING & ASSOCIATES, INC.  
3802 CORPOREX PARK DRIVE, SUITE 225  
TAMPA, FLORIDA 33619  
PHONE: (813) 627-4144  
CONTRACT NO. CN-140236  
CERTIFICATE OF AUTHORIZATION NO. 03114

**LCDOT PROJECT MANAGER:**  
ALEJANDRO SLAIBE, E.I.

100% SUBMITTAL  
MAY 2019

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
160311	19	B-1

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**SUMMARY OF STRUCTURE QUANTITIES - CULVERT EXTENSION**

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
				P	F	P	F		
0101 2	REMOVE AND REPLACE CARP GATE ATTACHMENT HARDWARE	HEADWALL	LS	1		1		SEE NOTE 1 BELOW.	
0400 4 1	CONCRETE CLASS IV, CULVERTS	TOP SLAB	CY	11.4		18.3		CULVERT EXTENSION	
		WALLS		2.2					
		BOTTOM SLAB		3.5					
		CUT-OFF WALL		1.2					
0415 1 1	REINF. STEEL, ROADWAY		LB	3,147		3,147		SEE REINFORCING BAR TABLE	

NOTE 1. INCLUDES COORDINATION WITH CITY OF CAPE CORAL FOR REMOVAL AND REPLACEMENT OF CARP GATES BY CITY.

**MEADE CANAL BOX CULVERT EXTENSION**

<b>REVISIONS</b>						<b>AIM Engineering &amp; Surveying, Inc</b> 3802 CORPOREX PARK DRIVE, SUITE 225 TAMPA, FLORIDA 33619 TELEPHONE (888) 627-4144 CERTIFICATE OF AUTHORIZATION NO. 3114 E.O.R. JAMES E. TOOMBS, P.E. NO. 41390	DRAWN BY: JET 12-18 CHECKED BY: REK 12-18 DESIGNED BY: JET 01-18 CHECKED BY: RK 01-18	<b>LEE COUNTY</b> DEPARTMENT OF TRANSPORTATION			SHEET TITLE: SUMMARY OF STRUCTURES QUANTITIES (1 OF 1)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.      COUNTY      CONTRACT NO.	PROJECT NAME: HANCOCK BRIDGE PARKWAY SIDEWALK PROJECT			SHEET NO.	
							160311 LEE				BQ1-1	

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

DESIGN SPECIFICATIONS:

FDOT STRUCTURES MANUAL, CURRENT EDITION.

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) LOAD AND RESISTANCE FACTOR DESIGN (LRFD) BRIDGE DESIGN SPECIFICATIONS 7TH EDITION AND ALL SUBSEQUENT INTERIMS.

FDOT DESIGN MANUAL DATED JANUARY 2019.

GOVERNING STANDARDS AND CONSTRUCTION SPECIFICATIONS:

FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, JANUARY 2019 EDITION.

DESIGN METHODOLOGY:

LOAD AND RESISTANCE FACTOR DESIGN (LRFD) METHOD.

DESIGN LOADING:

- 1. DEAD LOAD:
  - A) REINFORCED CONCRETE: 150 PCF
- 2. LIVE LOAD:
  - A) HL-93 WITH DYNAMIC LOAD ALLOWANCE
- 3. WIND LOAD:
  - N/A

ENVIRONMENT:

ENVIRONMENTAL CLASSIFICATION: SLIGHTLY AGGRESSIVE

CHAMFER:

ALL EXPOSED EDGES AND CORNERS OF CONCRETE SHALL BE CHAMFERED 3/4" UNLESS OTHERWISE NOTED.

VERTICAL DATUM:

ELEVATIONS ARE ACCORDING TO NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988.

COVER:

UNLESS NOTED OTHERWISE, CONCRETE COVER SHALL CONFORM TO THE FOLLOWING:

CULVERT EXTENSION	2"

CONCRETE COVERS SHOWN IN THE PLANS DO NOT INCLUDE PLACEMENT AND FABRICATION TOLERANCES UNLESS SHOWN AS "MINIMUM COVER". SEE FDOT STANDARD SPECIFICATIONS FOR ALLOWABLE TOLERANCES.

CONCRETE:

CLASS	MINIMUM 28-DAY COMPRESSIVE STRENGTH (PSI)	LOCATION IN STRUCTURE
IV	5,500	BOX CULVERT EXTENSION

PHASING OF WORK:

WORK PHASING AND PROGRESSION OF THE WORK SHALL CONFORM WITH THE TRAFFIC CONTROL PLANS LOCATED IN THE ROADWAY PLANS.

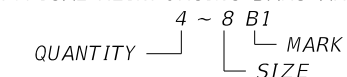
PLAN DIMENSIONS:

- 1. ALL DIMENSIONS IN THESE PLANS ARE MEASURED IN FEET AND INCHES EITHER HORIZONTALLY OR VERTICALLY UNLESS OTHERWISE NOTED.
- 2. ALL DIMENSIONS ARE GIVEN FOR A MEAN TEMPERATURE OF 70°F.

REMOVAL OF EXISTING STRUCTURES, INCLUDING HAZARDOUS WASTE (HAZARDOUS COATING ON STEEL, TREATED LUMBER, ASBESTOS, ETC.), SHALL BE IN ACCORDANCE WITH SECTION 110 OF THE FDOT STANDARD SPECIFICATIONS AND PERMIT REQUIREMENTS.

REINFORCING STEEL:

- 1. ALL REINFORCING STEEL SHALL BE GRADE 60 CARBON STEEL PER SPECIFICATION SECTION 931.
- 2. ALL DIMENSIONS PERTAINING TO LOCATION OF REINFORCEMENTS ARE TO CENTERLINE OF BARS EXCEPT WHERE THE CLEAR DIMENSION IS SHOWN TO FACE OF CONCRETE.
- 3. ALL HOOKS AND BENDS, UNLESS OTHERWISE NOTED IN THE PLANS, SHALL BE IN ACCORDANCE WITH THE FDOT STANDARD PLANS INDEX 415-001, "BAR BENDING DETAILS (STEEL)."
- 4. ALL LAP SPLICES, UNLESS OTHERWISE NOTED IN PLANS, SHALL BE IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.
- 5. REINFORCEMENT DETAIL DIMENSIONS ARE OUT-TO-OUT OF BARS.
- 6. TYPICAL REINFORCING BARS ARE DESIGNATED AS:



PAY ITEM NOTES:

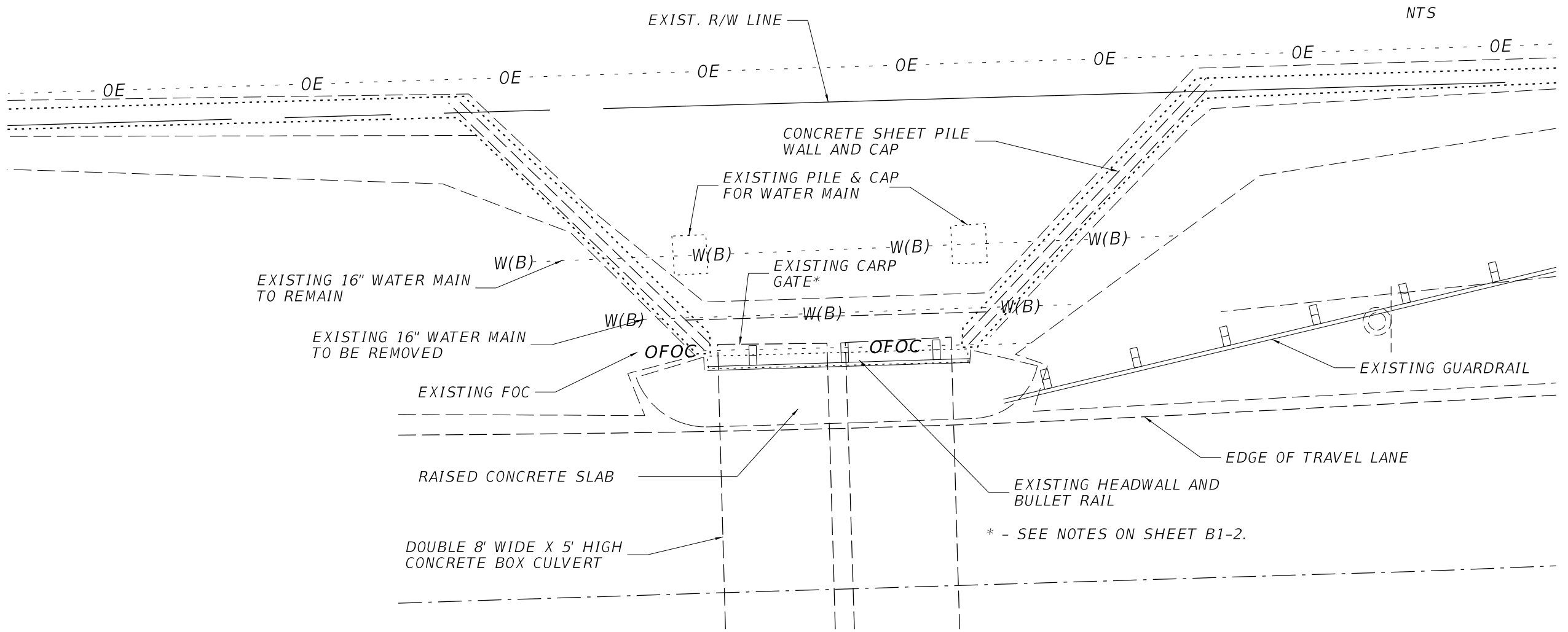
- 1. FOR MAINTENANCE OF TRAFFIC PAY ITEM NOTES, SEE ROADWAY PLANS.
- 2. PAYMENT FOR INCIDENTAL ITEMS NOT SPECIFICALLY COVERED IN THE INDIVIDUAL BID ITEMS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE BID ITEMS
- 3. FIELD REVIEW THE PROJECT PRIOR TO PREPARING BID. THE LEE COUNTY DEPARTMENT OF TRANSPORTATION SHALL NOT ASSUME ANY LIABILITIES THAT MAY ARISE FROM ANY FAILURE TO PROPERLY REVIEW THE PROJECT SITE PRIOR TO PREPARING BID.

UTILITIES:

THE UTILITIES SHOWN IN THE PLANS ARE AT APPROXIMATE LOCATIONS. ALL INVOLVED UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO STARTING WORK. UTILITY FACILITIES SHALL NOT BE DISTURBED OR ENDANGERED DURING CONSTRUCTION. NOTIFY ALL INVOLVED UTILITY COMPANIES PRIOR TO STARTING WORK.

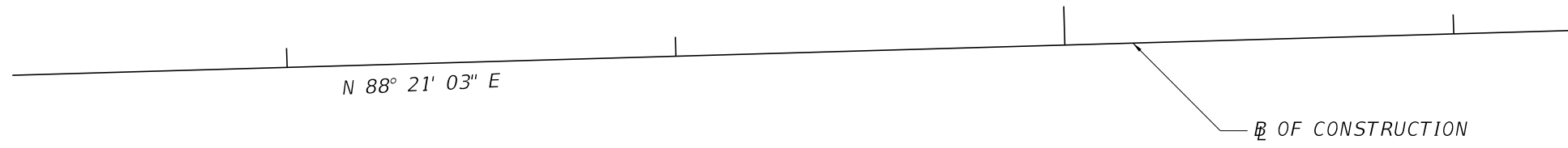
MEADE CANAL BOX CULVERT EXTENSION

REVISIONS						AIM Engineering & Surveying, Inc 3802 CORPOREX PARK DRIVE, SUITE 225 TAMPA, FLORIDA 33619 TELEPHONE (888) 627-4144 CERTIFICATE OF AUTHORIZATION NO. 3114 E.O.R. JAMES E. TOOMBS, P.E. NO. 41390	DRAWN BY: JET 12-18 CHECKED BY: REK 12-18 DESIGNED BY: JET 01-18 CHECKED BY: RK 01-18	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SHEET TITLE:  GENERAL NOTES	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	CONTRACT NO.		
								LEE	160311	HANCOCK BRIDGE PARKWAY SIDEWALK PROJECT		
											SHEET NO. B-2	



PLAN  
(EXISTING)

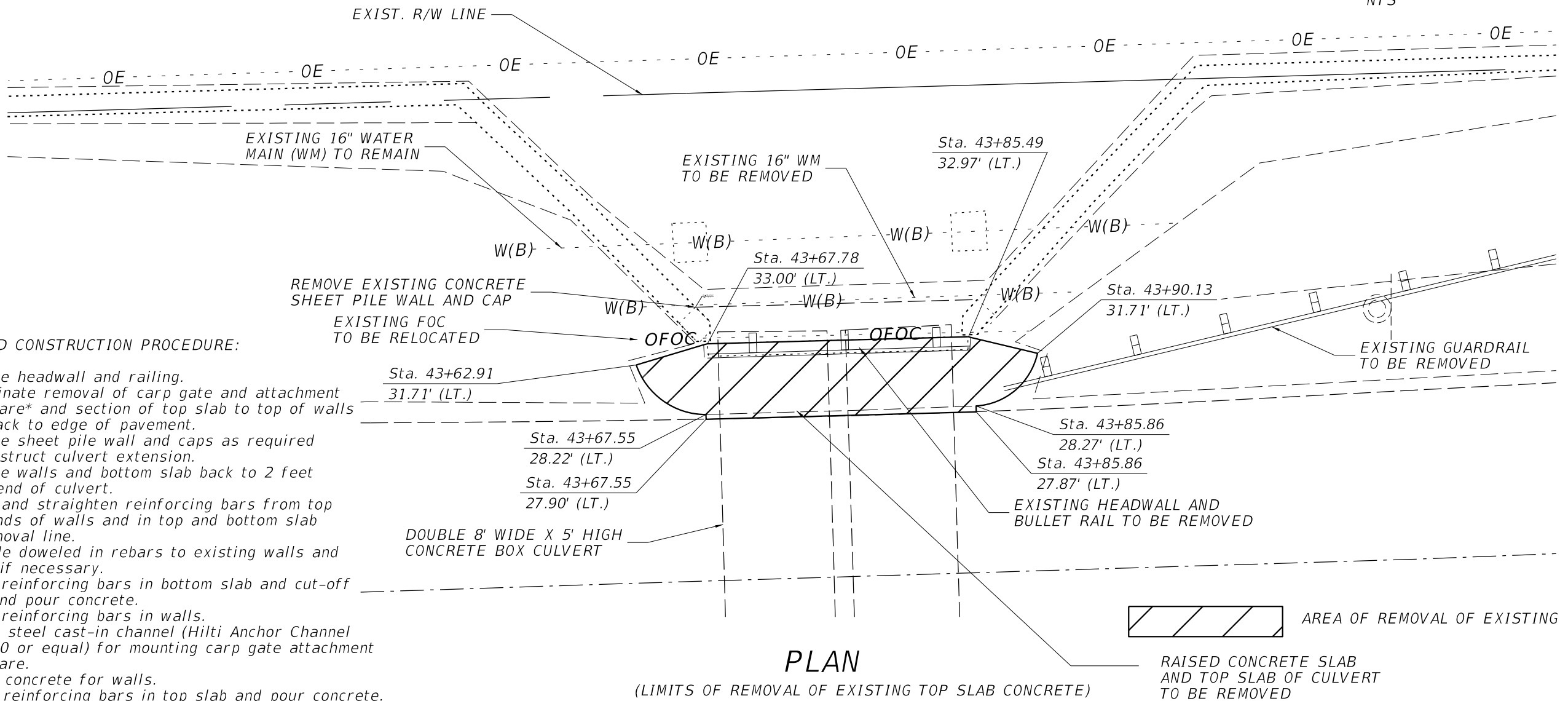
44



MEADE CANAL BOX CULVERT EXTENSION

REVISIONS						<b>AIM Engineering &amp; Surveying, Inc</b> 3802 CORPOREX PARK DRIVE, SUITE 225 TAMPA, FLORIDA 33619 TELEPHONE (888) 627-4144 CERTIFICATE OF AUTHORIZATION NO. 3114 E.O.R. JAMES E. TOOMBS, P.E. NO. 41390	DRAWN BY: JET 12-18 CHECKED BY: REK 12-18 DESIGNED BY: JET 01-18 CHECKED BY: RK 01-18	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SHEET TITLE: PLAN - EXISTING		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	CONTRACT NO.	PROJECT NAME:	SHEET NO.	
							LEE	160311	HANCOCK BRIDGE PARKWAY SIDEWALK PROJECT	B1-1			

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



**SUGGESTED CONSTRUCTION PROCEDURE:**

- 1.0 Remove headwall and railing.
- 2.0 Coordinate removal of carp gate and attachment hardware\* and section of top slab to top of walls and back to edge of pavement.
- 3.0 Remove sheet pile wall and caps as required to construct culvert extension.
- 4.0 Remove walls and bottom slab back to 2 feet from end of culvert.
- 5.0 Clean and straighten reinforcing bars from top and ends of walls and in top and bottom slab at removal line.
- 6.0 Provide doweled in rebars to existing walls and slabs if necessary.
- 7.0 Place reinforcing bars in bottom slab and cut-off wall and pour concrete.
- 8.0 Place reinforcing bars in walls.
- 9.0 Insert steel cast-in channel (Hilti Anchor Channel HAC-70 or equal) for mounting carp gate attachment hardware.
- 10.0 Pour concrete for walls.
- 11.0 Place reinforcing bars in top slab and pour concrete.
- 12.0 Construct guardrail and guiderail.
- 13.0 Coordinate reinstallation of carp gate hardware and carp gate\*.

\* - Contractor to coordinate with City of Cape Coral Canal Maintenance to have the existing carp gate removed by City of Cape Coral Canal Maintenance. Contractor to remove carp gate attachment hardware (beams and channels attached to existing culvert) and reattach same after extension of culvert utilizing Hilti inserts (see Note 8.0) such that City of Cape Coral Canal Maintenance can reinstall the carp gates. Cost of coordination with City of Cape Coral Canal Maintenance and removal of carp gate attachment hardware is included in the lump sum price for 101-2 Remove and Replace Carp Gate Attachment Hardware. Contractor has option of furnishing and installing new attachment hardware with galvanized beams and channels at no additional cost. Contact Steve Naso, Stormwater Supervisor with City of Cape Coral, Phone Number 239-849-0910, to initiate coordination.

**PLAN**

(LIMITS OF REMOVAL OF EXISTING TOP SLAB CONCRETE)

AREA OF REMOVAL OF EXISTING RAISED CONCRETE SLAB AND TOP SLAB OF CULVERT TO BE REMOVED

44

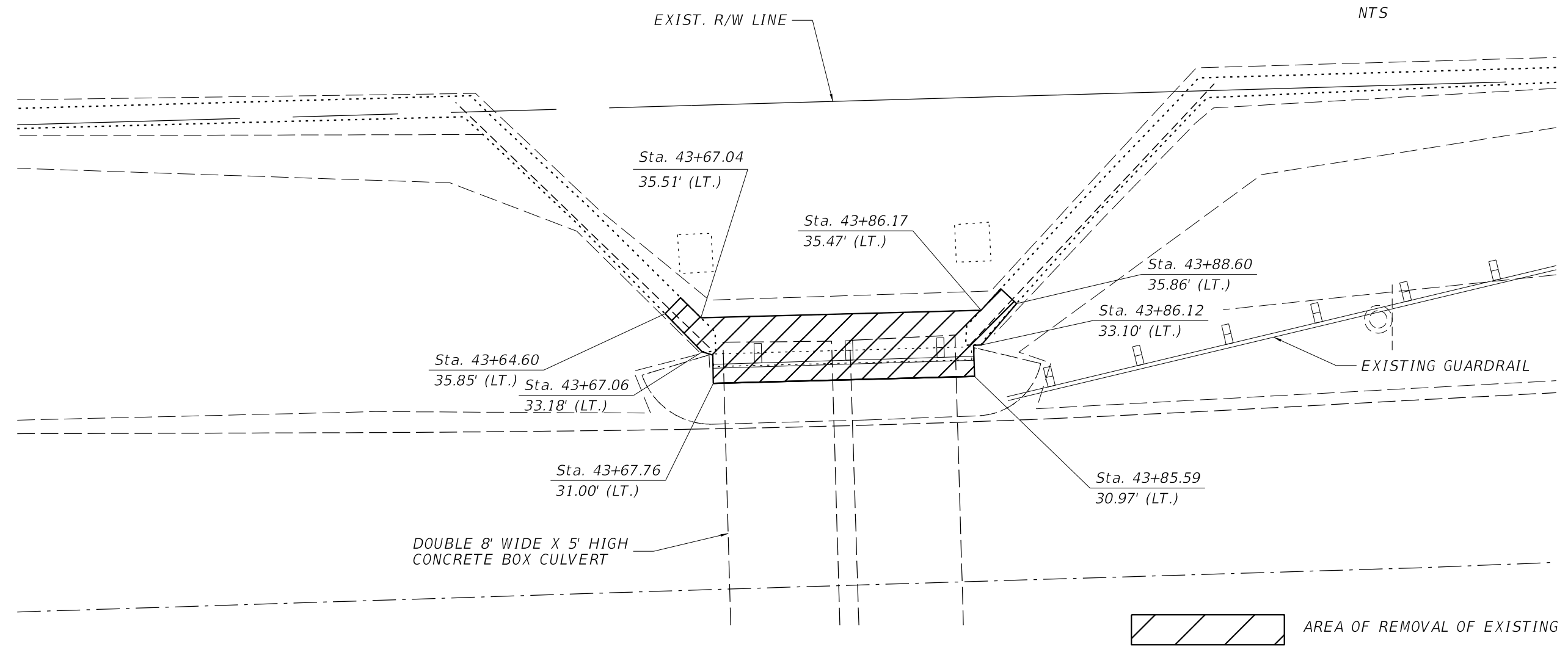
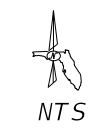
N 88° 21' 03" E

⊕ OF CONSTRUCTION

**MEADE CANAL BOX CULVERT EXTENSION**

REVISIONS						AIM Engineering & Surveying, Inc 3802 CORPOREX PARK DRIVE, SUITE 225 TAMPA, FLORIDA 33619 TELEPHONE (888) 627-4144 CERTIFICATE OF AUTHORIZATION NO. 3114 E.O.R. JAMES E. TOOMBS, P.E. NO. 41390	DRAWN BY: JET 12-18 CHECKED BY: REK 12-18 DESIGNED BY: JET 01-18 CHECKED BY: RK 01-18	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SHEET TITLE:  PLAN - TOP SLAB REMOVAL	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	CONTRACT NO.		
								LEE	160311	HANCOCK BRIDGE PARKWAY SIDEWALK PROJECT	B1-2	

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



**PLAN**

(LIMITS OF REMOVAL OF BOTTOM SLAB CONCRETE, WALLS AND CONCRETE SHEET PILE WALL AND CAP)

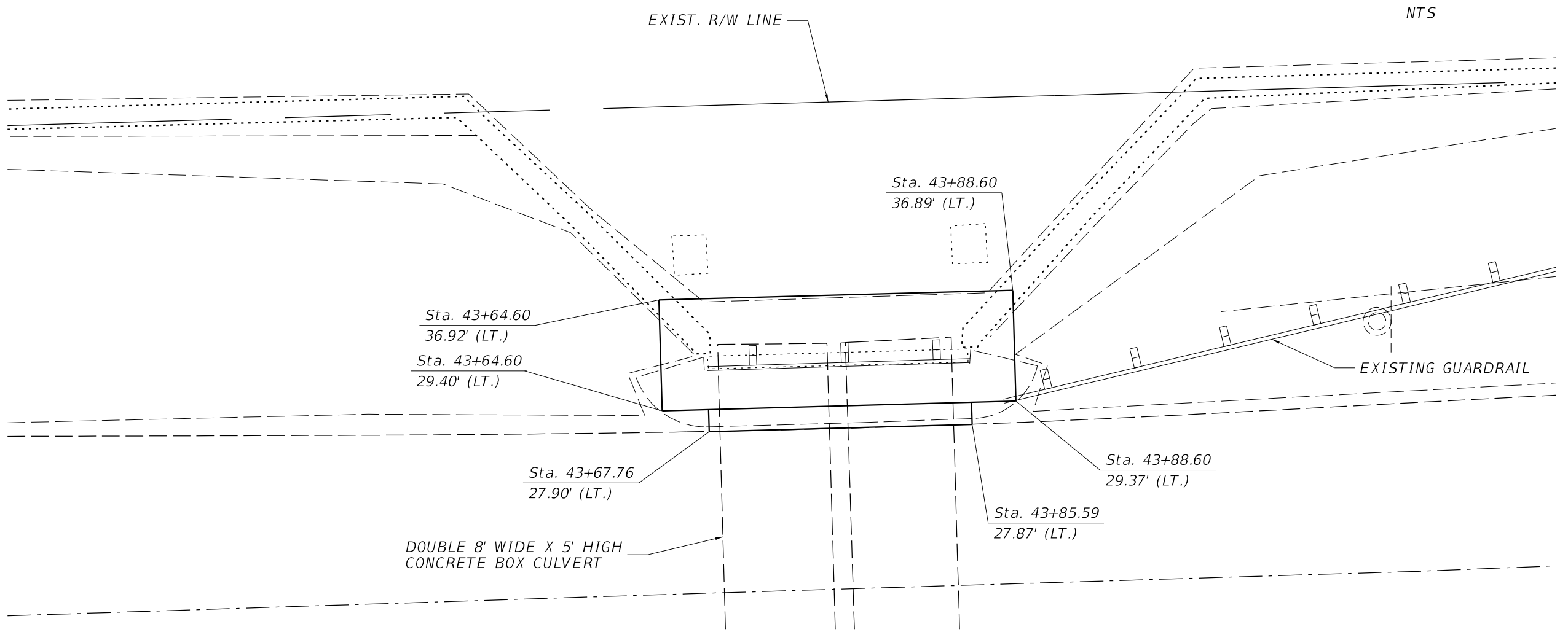
44

⊕ OF CONSTRUCTION

**MEADE CANAL BOX CULVERT EXTENSION**

REVISIONS						<b>AIM Engineering &amp; Surveying, Inc</b> 3802 CORPOREX PARK DRIVE, SUITE 225 TAMPA, FLORIDA 33619 TELEPHONE (888) 627-4144 CERTIFICATE OF AUTHORIZATION NO. 3114 E.O.R. JAMES E. TOOMBS, P.E. NO. 41390	DRAWN BY: JET 12-18 CHECKED BY: REK 12-18 DESIGNED BY: JET 01-18 CHECKED BY: RK 01-18	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SHEET TITLE: PLAN - BOTTOM SLAB & WALL REMOVAL		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	CONTRACT NO.	PROJECT NAME:	SHEET NO.	
							LEE	160311	HANCOCK BRIDGE PARKWAY SIDEWALK PROJECT	B1-3			

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



**PLAN**

(OUTLINE OF PROPOSED CULVERT TOP SLAB EXTENSION)

44

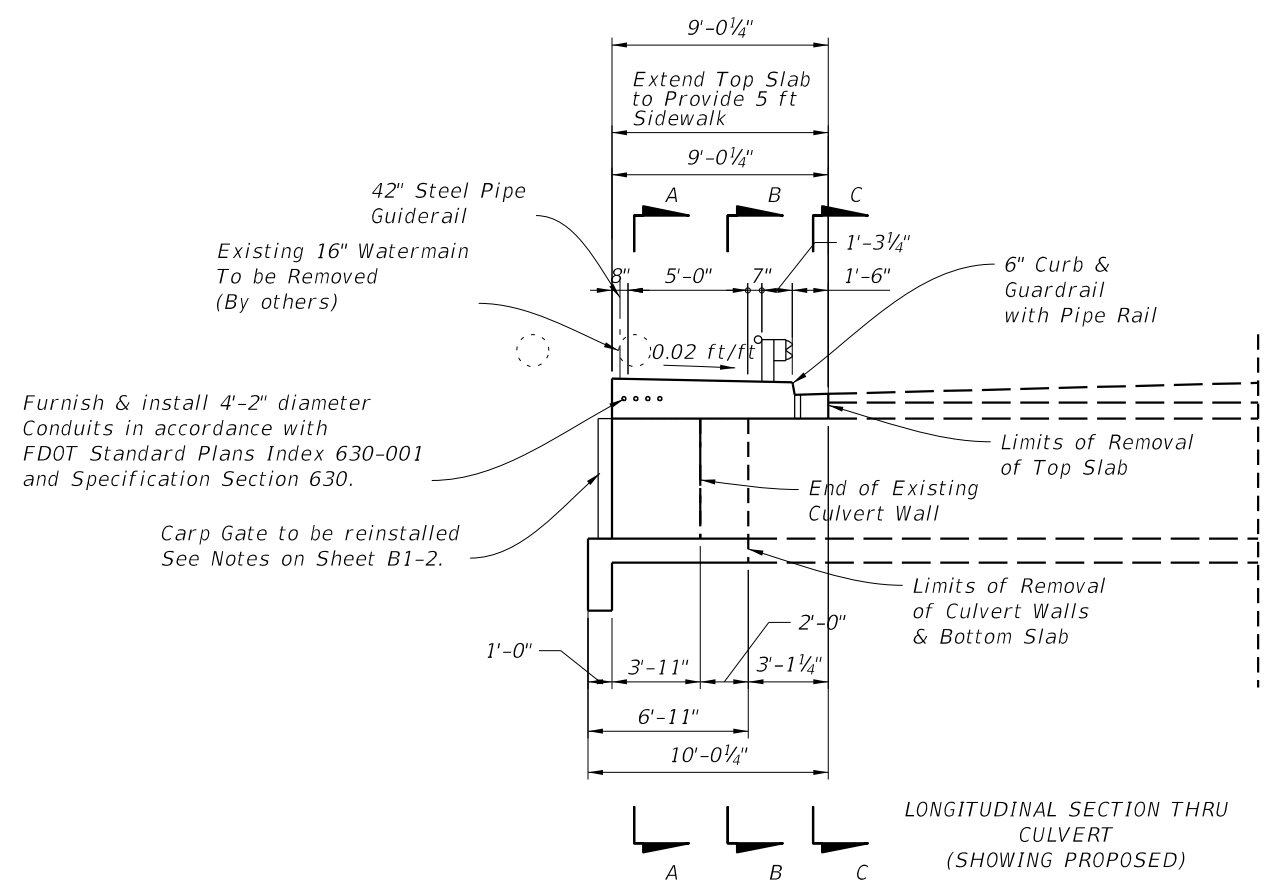
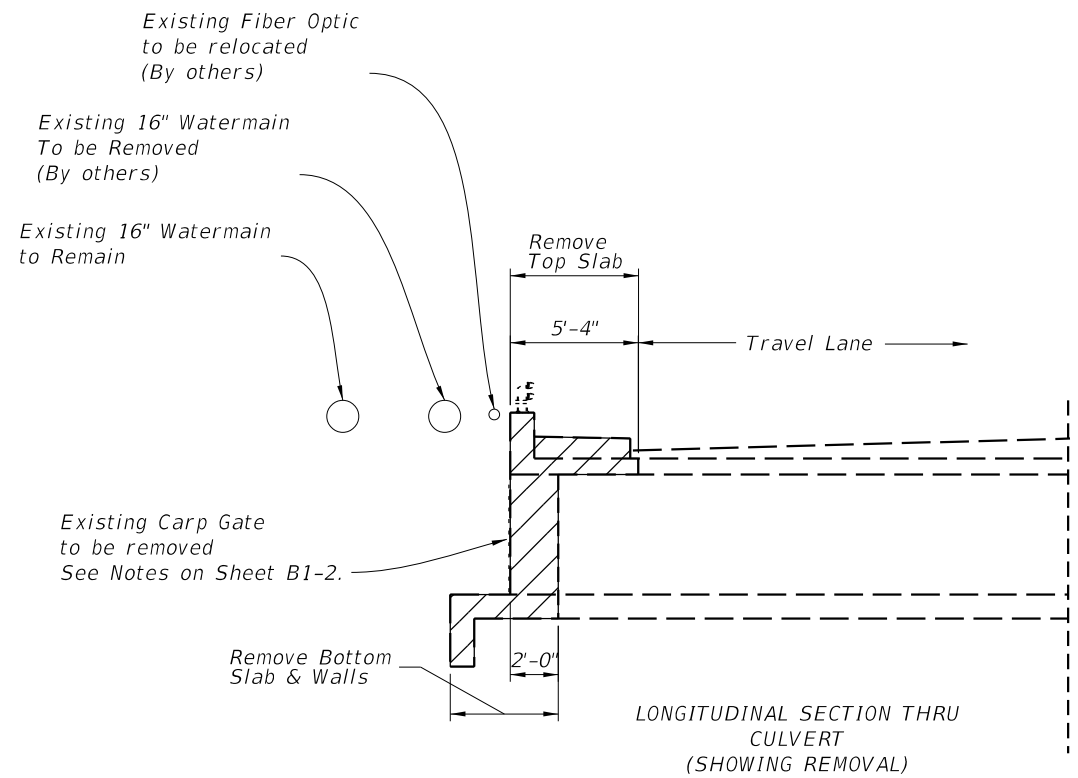
N 88° 21' 03" E

B OF CONSTRUCTION

**MEADE CANAL BOX CULVERT EXTENSION**

REVISIONS						<b>AIM Engineering &amp; Surveying, Inc</b> 3802 CORPOREX PARK DRIVE, SUITE 225 TAMPA, FLORIDA 33619 TELEPHONE (888) 627-4144 CERTIFICATE OF AUTHORIZATION NO. 3114 E.O.R. JAMES E. TOOMBS, P.E. NO. 41390	DRAWN BY: JET 12-18 CHECKED BY: REK 12-18 DESIGNED BY: JET 01-18 CHECKED BY: RK 01-18	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	CONTRACT NO.	PLAN - PROPOSED TOP SLAB EXTENSION		
							LEE	160311	HANCOCK BRIDGE PARKWAY SIDEWALK PROJECT		SHEET NO.		
											B1-4		

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



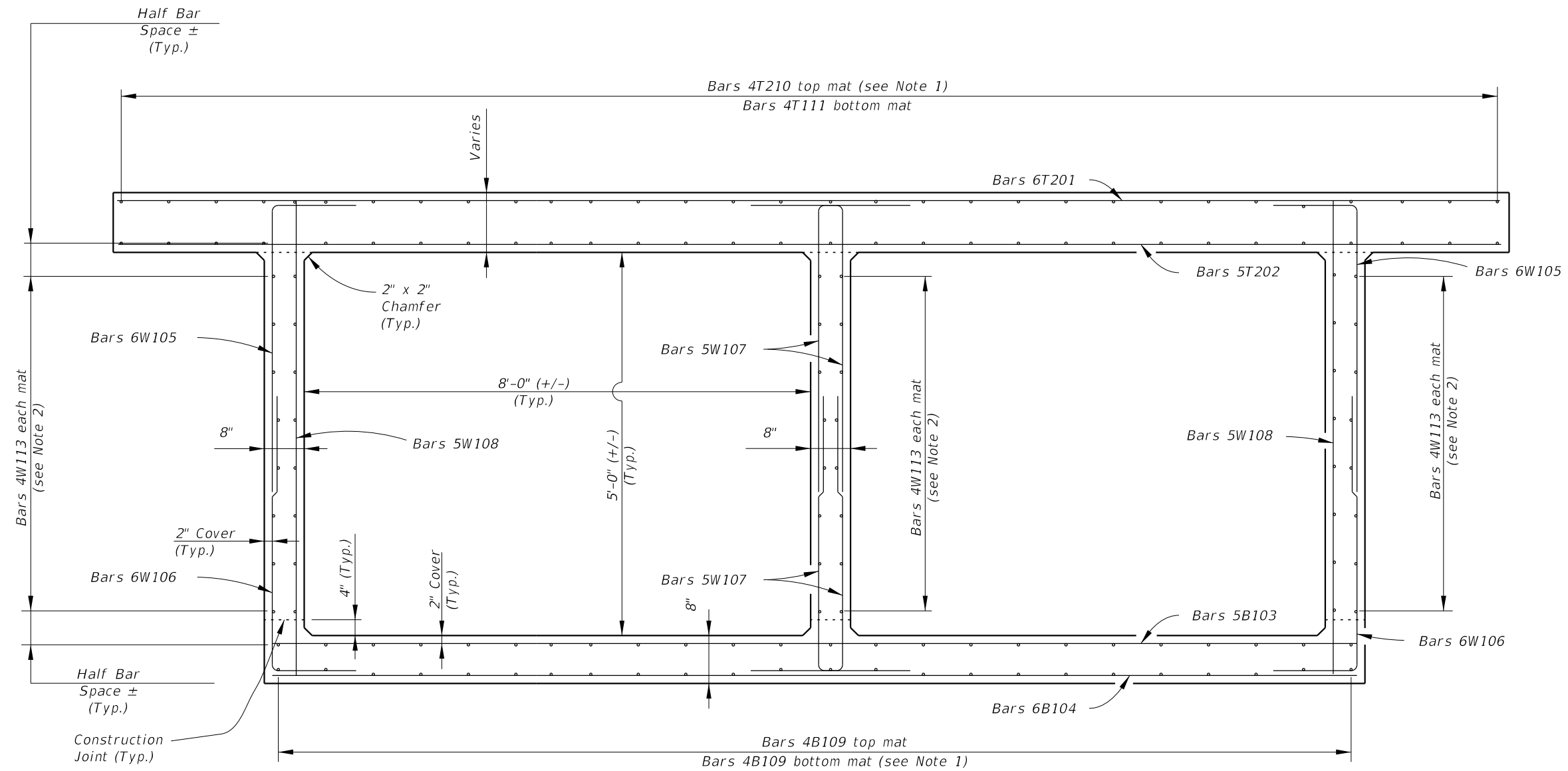
MEADE CANAL BOX CULVERT EXTENSION

REVISIONS						<b>AIM Engineering &amp; Surveying, Inc</b> 3802 CORPOREX PARK DRIVE, SUITE 225 TAMPA, FLORIDA 33619 TELEPHONE (888) 627-4144 CERTIFICATE OF AUTHORIZATION NO. 3114 E.O.R. JAMES E. TOOMBS, P.E. NO. 41390	DRAWN BY: JET 12-18 CHECKED BY: REK 12-18 DESIGNED BY: JET 01-18 CHECKED BY: RK 01-18	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SHEET TITLE: LONGITUDINAL SECTIONS		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	CONTRACT NO.	PROJECT NAME:	SHEET NO.	
							LEE	160311	HANCOCK BRIDGE PARKWAY SIDEWALK PROJECT	B1-5			

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

NOTES:

1. Space Bars T210 and B109 with a bar in each corner and at the centerline of the interior wall and the remaining bars at equal spacing. Bars T111 are to be spaced same as T210.
2. Place Bars W113 evenly between bars B109 and T111.



SECTION A-A

MEADE CANAL BOX CULVERT EXTENSION

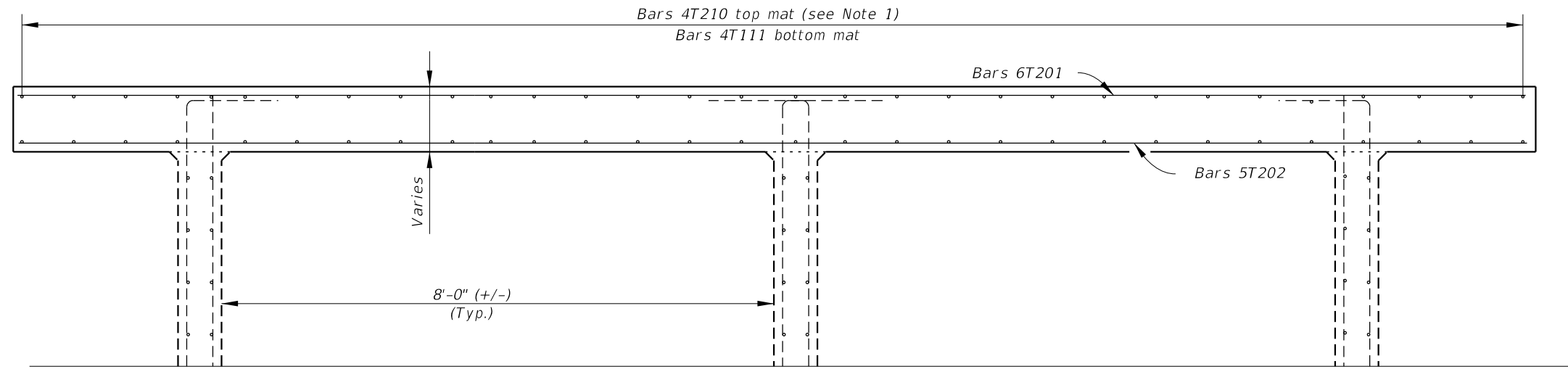
REVISIONS						<b>AIM Engineering &amp; Surveying, Inc</b> 3802 CORPOREX PARK DRIVE, SUITE 225 TAMPA, FLORIDA 33619 TELEPHONE (888) 627-4144 CERTIFICATE OF AUTHORIZATION NO. 3114 E.O.R. JAMES E. TOOMBS, P.E. NO. 41390	DRAWN BY: JET 12-18 CHECKED BY: REK 12-18 DESIGNED BY: JET 01-18 CHECKED BY: RK 01-18	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SHEET TITLE:  SECTION A-A	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	CONTRACT NO.		
								LEE	160311	HANCOCK BRIDGE PARKWAY SIDEWALK PROJECT	B1-6	

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

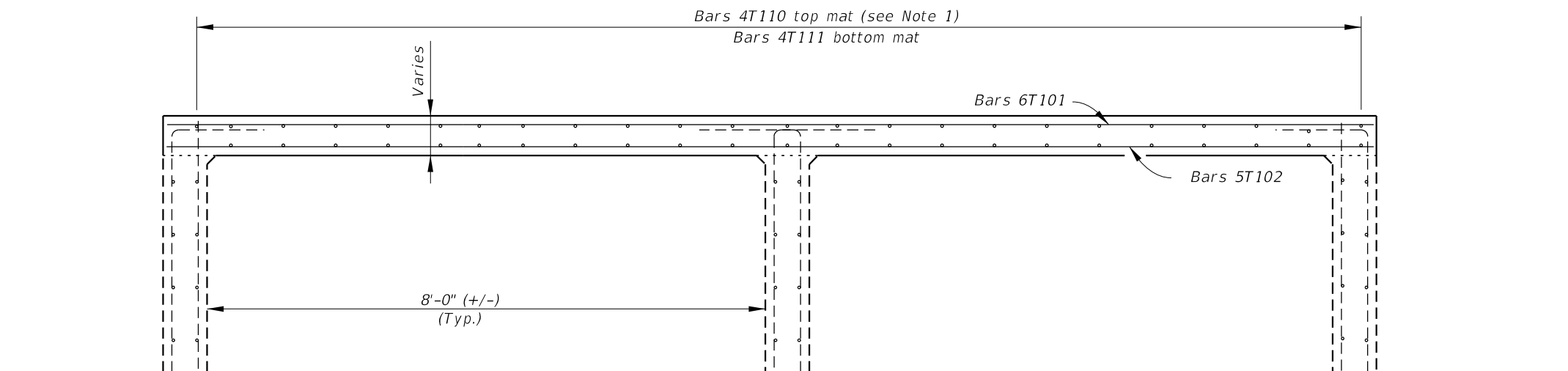


NOTES:

1. Space Bars T110 and T210 with a bar in each corner and at the centerline of the interior wall and the remaining bars at equal spacing. Bars T111 are to be spaced same as T110.



SECTION B-B

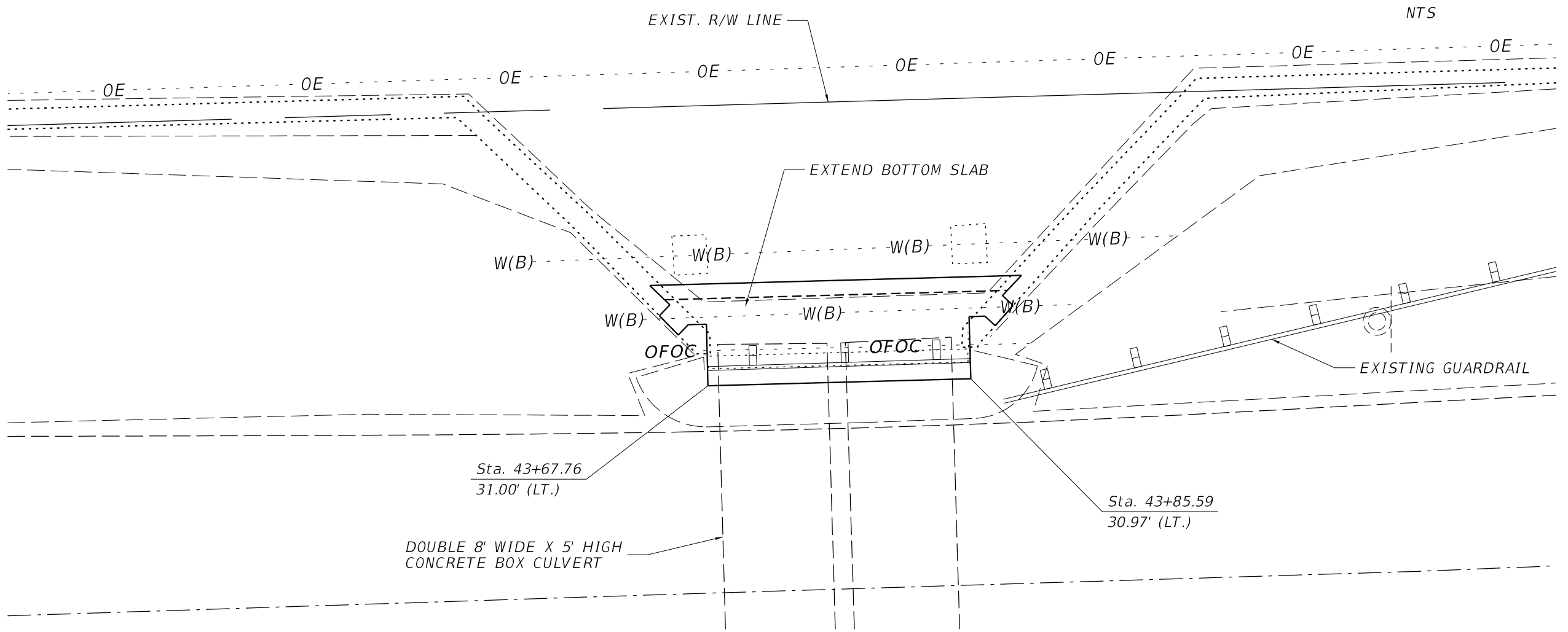


SECTION C-C

MEADE CANAL BOX CULVERT EXTENSION

REVISIONS						<b>AIM Engineering &amp; Surveying, Inc</b> 3802 CORPOREX PARK DRIVE, SUITE 225 TAMPA, FLORIDA 33619 TELEPHONE (888) 627-4144 CERTIFICATE OF AUTHORIZATION NO. 3114 E.O.R. JAMES E. TOOMBS, P.E. NO. 41390	DRAWN BY: JET 12-18 CHECKED BY: REK 12-18 DESIGNED BY: JET 01-18 CHECKED BY: RK 01-18	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SECTION B-B & C-C		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	CONTRACT NO.	PROJECT NAME:	SHEET NO.	
							LEE	160311	HANCOCK BRIDGE PARKWAY SIDEWALK PROJECT	B1-7			

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



DOUBLE 8' WIDE X 5' HIGH  
CONCRETE BOX CULVERT

**PLAN**

(OUTLINE OF PROPOSED CULVERT BOTTOM SLAB EXTENSION)

44

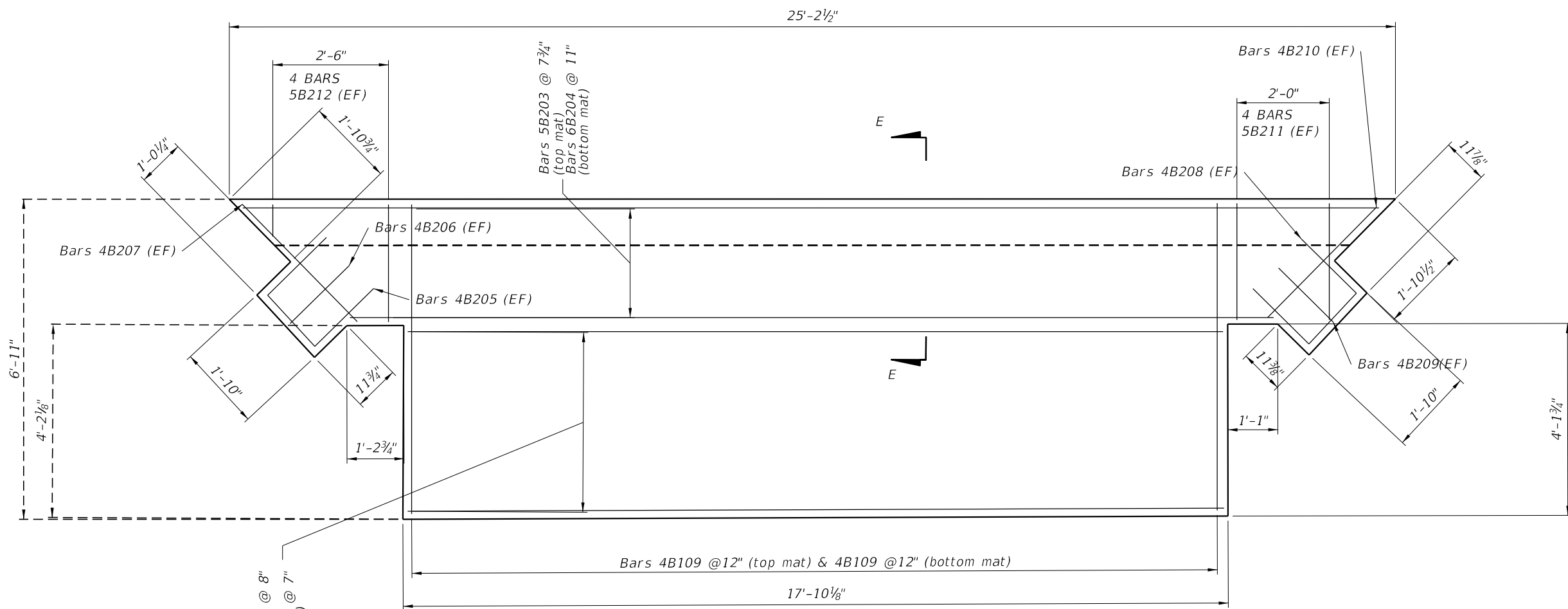
N 88° 21' 03" E

⊘ OF CONSTRUCTION

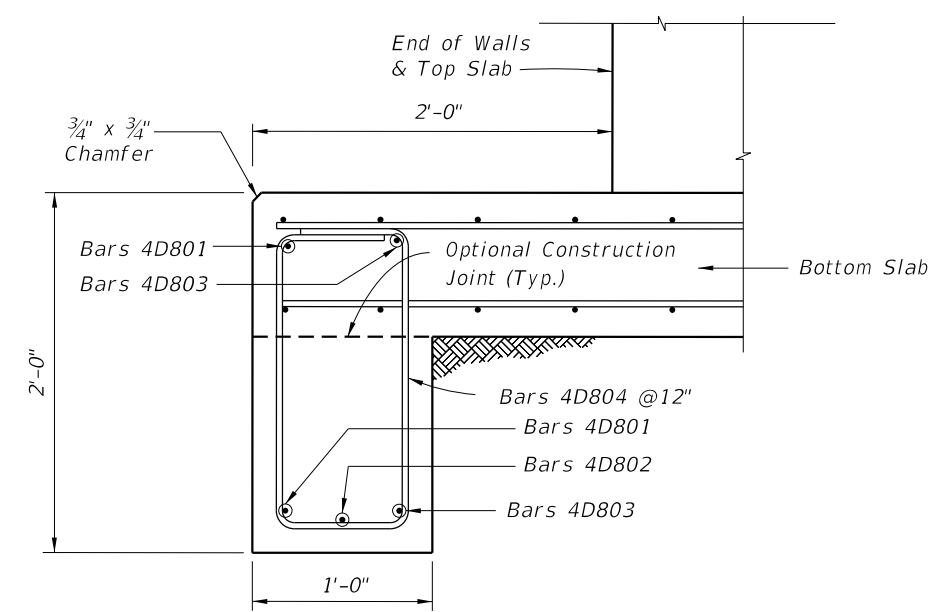
**MEADE CANAL BOX CULVERT EXTENSION**

REVISIONS						<b>AIM Engineering &amp; Surveying, Inc</b> 3802 CORPOREX PARK DRIVE, SUITE 225 TAMPA, FLORIDA 33619 TELEPHONE (888) 627-4144 CERTIFICATE OF AUTHORIZATION NO. 3114 E.O.R. JAMES E. TOOMBS, P.E. NO. 41390	DRAWN BY: JET 12-18 CHECKED BY: REK 12-18 DESIGNED BY: JET 01-18 CHECKED BY: RK 01-18	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SHEET TITLE: PLAN - BOTTOM SLAB OUTLINE		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	CONTRACT NO.	PROJECT NAME:	SHEET NO.	
							LEE	160311	HANCOCK BRIDGE PARKWAY SIDEWALK PROJECT	B1-8			

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



**PLAN**  
BOTTOM SLAB DIMENSIONS AND REINFORCING



**SECTION E-E**  
CUT-OFF WALL DIMENSIONS AND REINFORCING

**MEADE CANAL BOX CULVERT EXTENSION**

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**AIM Engineering & Surveying, Inc**  
 3802 CORPOREX PARK DRIVE, SUITE 225  
 TAMPA, FLORIDA 33619  
 TELEPHONE (888) 627-4144  
 CERTIFICATE OF AUTHORIZATION NO. 3114  
 E.O.R. JAMES E. TOOMBS, P.E. NO. 41390

DRAWN BY: JET 12-18  
 CHECKED BY: REK 12-18  
 DESIGNED BY: JET 01-18  
 CHECKED BY: RK 01-18

**LEE COUNTY**  
 DEPARTMENT OF TRANSPORTATION

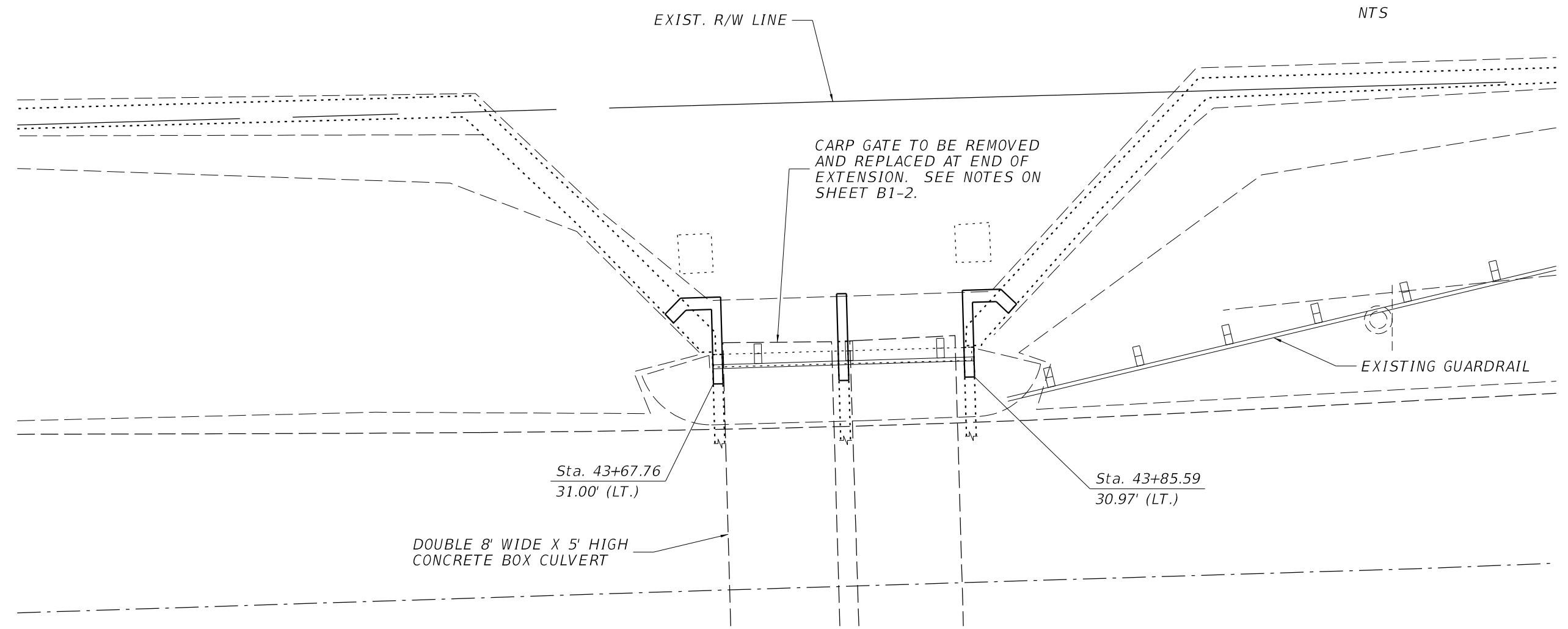
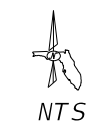
ROAD NO.	COUNTY	CONTRACT NO.
	LEE	160311

SHEET TITLE: **BOTTOM SLAB DIMENSIONS & REINF.**

PROJECT NAME: **HANCOCK BRIDGE PARKWAY SIDEWALK PROJECT**

REF. DWG. NO.   
 SHEET NO. **B1-9**

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



**PLAN**

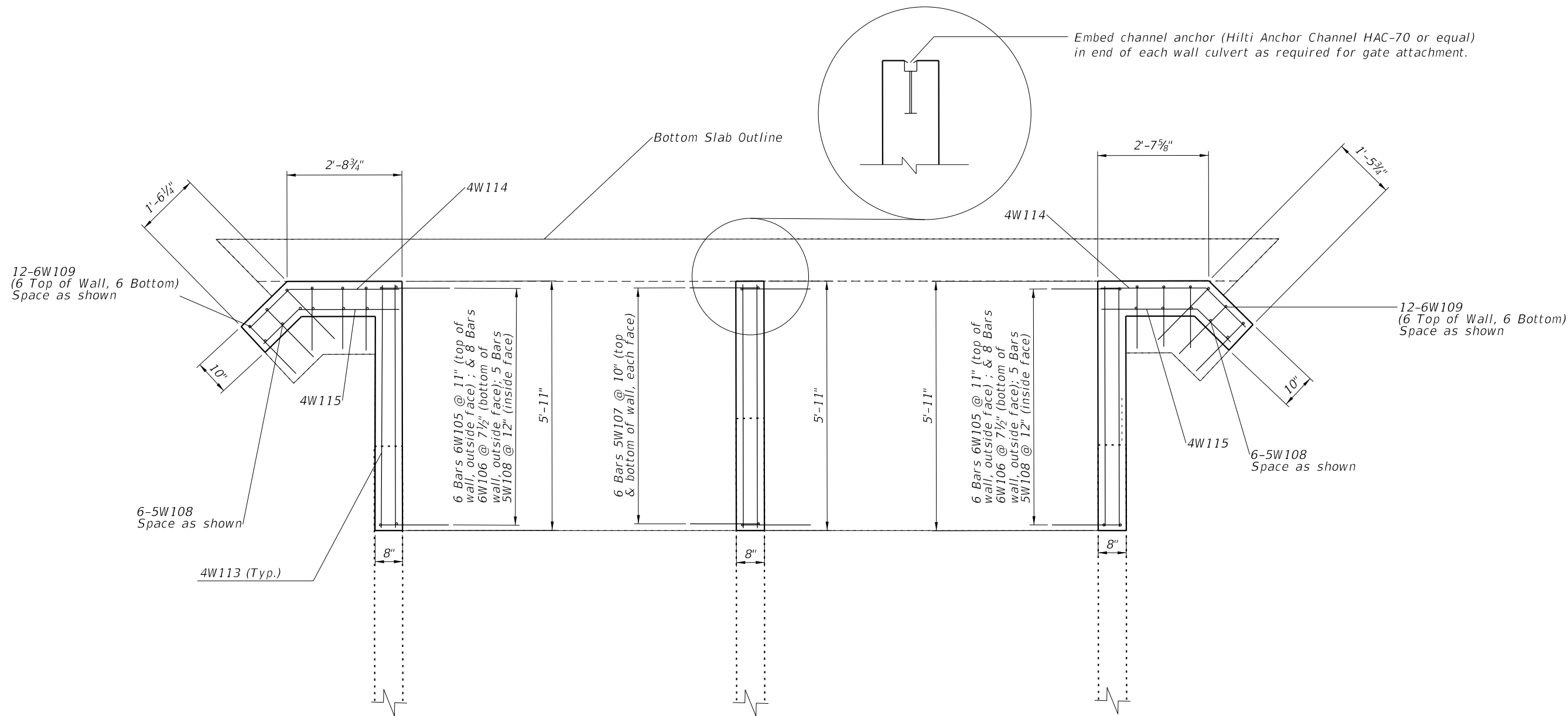
(OUTLINE OF PROPOSED CULVERT WALL EXTENSION)

**44**

**MEADE CANAL BOX CULVERT EXTENSION**

REVISIONS						<b>AIM Engineering &amp; Surveying, Inc</b> 3802 CORPOREX PARK DRIVE, SUITE 225 TAMPA, FLORIDA 33619 TELEPHONE (888) 627-4144 CERTIFICATE OF AUTHORIZATION NO. 3114 E.O.R. JAMES E. TOOMBS, P.E. NO. 41390	DRAWN BY: JET 12-18 CHECKED BY: REK 12-18 DESIGNED BY: JET 01-18 CHECKED BY: RK 01-18	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SHEET TITLE:  <b>PLAN - WALL EXTENSIONS</b>	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	CONTRACT NO.		
								LEE	160311	HANCOCK BRIDGE PARKWAY SIDEWALK PROJECT	B1-10	

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



PLAN  
(CULVERT WALLS EXTENSIONS  
DIMENSIONS AND REINFORCING)

MEADE CANAL BOX CULVERT EXTENSION

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**AIM Engineering & Surveying, Inc**  
 3802 CORPOREX PARK DRIVE, SUITE 225  
 TAMPA, FLORIDA 33619  
 TELEPHONE (888) 627-4144  
 CERTIFICATE OF AUTHORIZATION NO. 3114  
 E.O.R. JAMES E. TOOMBS, P.E. NO. 41390

DRAWN BY: JET 12-18  
 CHECKED BY: REK 12-18  
 DESIGNED BY: JET 01-18  
 CHECKED BY: RK 01-18

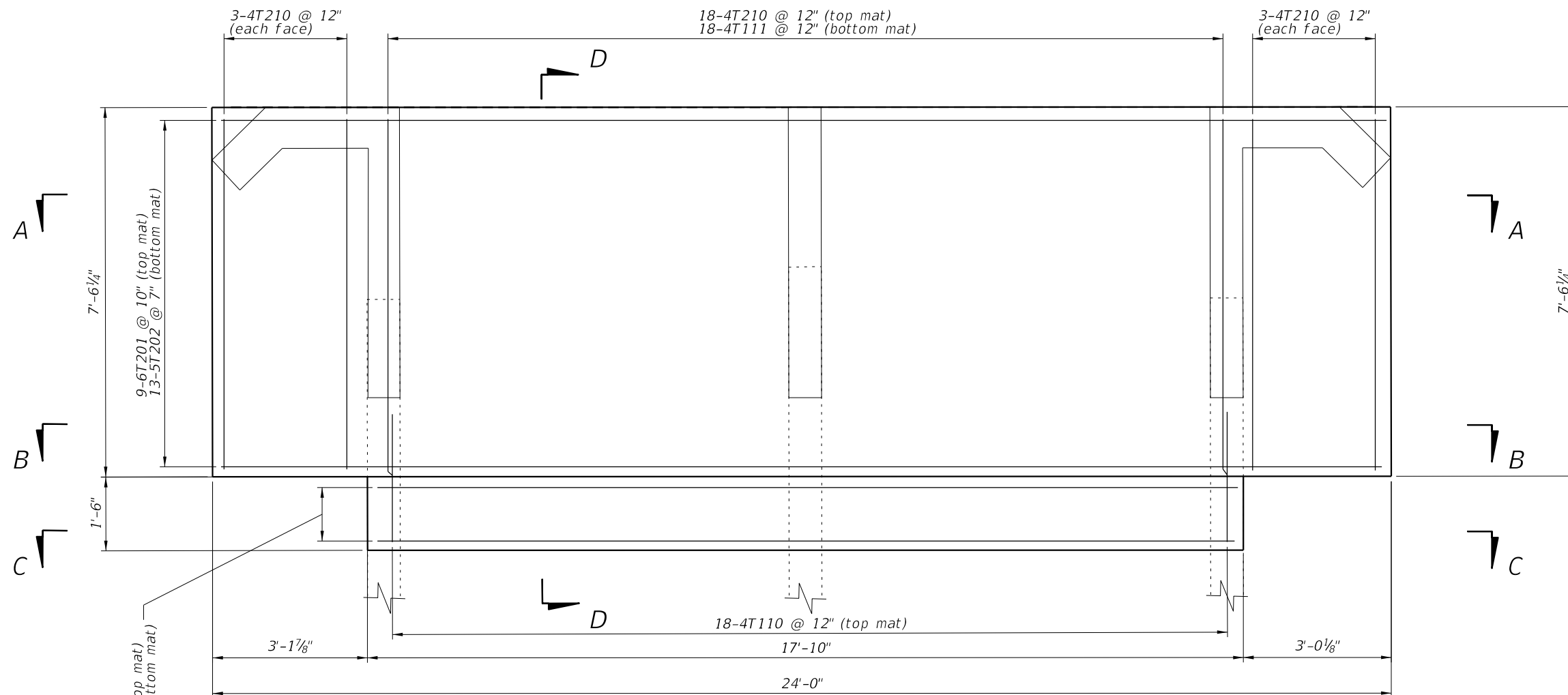
LEE COUNTY  
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	CONTRACT NO.
	LEE	160311

SHEET TITLE: PLAN - WALL DIMENSIONS & REINF.

PROJECT NAME: HANCOCK BRIDGE PARKWAY SIDEWALK PROJECT

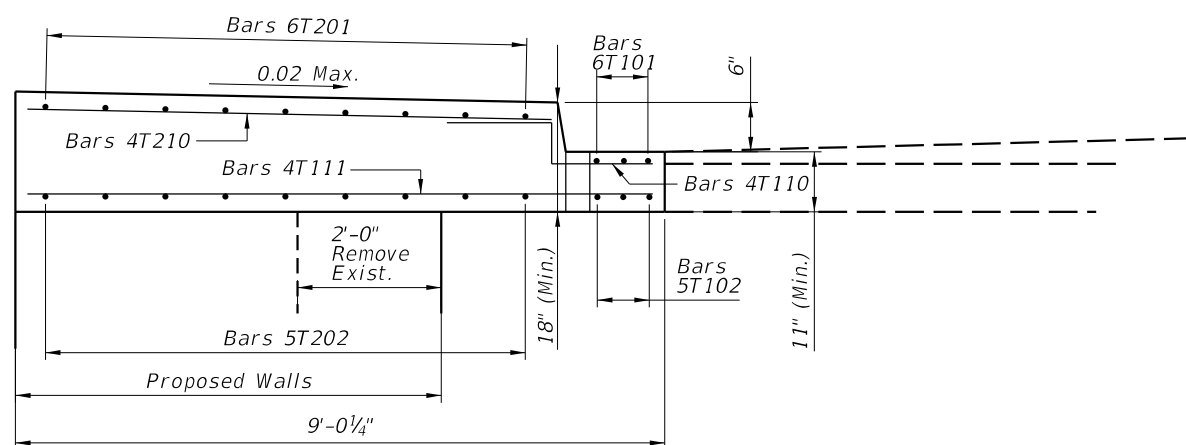
REF. DWG. NO.      SHEET NO.      B1-11



3-6T101 @ 7" (top mat)  
3-5T102 @ 7" (bottom mat)

**PLAN**

TOP SLAB EXTENSION  
DIMENSIONS AND REINFORCING



**SECTION D-D**

**MEADE CANAL BOX CULVERT EXTENSION**

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**AIM Engineering & Surveying, Inc**  
3802 CORPOREX PARK DRIVE, SUITE 225  
TAMPA, FLORIDA 33619  
TELEPHONE (888) 627-4144  
CERTIFICATE OF AUTHORIZATION NO. 3114  
E.O.R. JAMES E. TOOMBS, P.E. NO. 41390

DRAWN BY:  
JET 12-18  
CHECKED BY:  
REK 12-18  
DESIGNED BY:  
JET 01-18  
CHECKED BY:  
RK 01-18

**LEE COUNTY**  
**DEPARTMENT OF TRANSPORTATION**

ROAD NO.	COUNTY	CONTRACT NO.
	LEE	160311

SHEET TITLE: <b>PLAN - TOP SLAB DIMENSIONS &amp; REINF.</b>	REF. DWG. NO.
PROJECT NAME: <b>HANCOCK BRIDGE PARKWAY SIDEWALK PROJECT</b>	SHEET NO. <b>B1 - 12</b>

MARK	LENGTH	NO	TYP	STY	B	C	D	E	F	H	J	K	N	Ø											
SIZE	DES	FT	IN	BARS	BAR	A	G	FT	IN	FR	FT	IN	FR	FT	IN	FR	FT	IN	FR	FT	IN	FR	NO	ANG	
LOCATION		LEFT EXTENSION MAIN BOX										NO. REQUIRED = 1													
TOP SLAB																									
6	T101	17- 8		3	1			17- 8																	
5	T102	17- 8		3	1			17- 8																	
4	T110	2- 6		18	32			0- 6	1- 0	1- 0															
4	T111	8-10		18	1			8-10																	
6	T201	23-10		9	1			23-10																	
5	T202	23-10		13	1			23-10																	
4	T210	7- 4		30	1			7- 4																	
BOTTOM SLAB																									
5	B103	17- 8		6	1			17- 8																	
6	B104	17- 8		7	1			17- 8																	
4	B109	6- 9		36	1			6- 9																	
		20- 0		1				20- 0																	
5	B203	to 24-6	series	1				to 24-6																	
		by 1-1 $\frac{1}{8}$	of 5					by 1-1 $\frac{1}{8}$																	
		avg step						avg step																	
		20- 0		1				20- 0																	
6	B204	to 24-6	series	1				to 24-6																	
		by 1-6	of 4					by 1-6																	
		avg step						avg step																	
4	B205	5- 6		2	11			1- 6	2- 0	2- 0															
4	B206	2- 0		2	1			2- 0																	
4	B207	3- 6		2	1			3- 6																	
4	B208	5- 6		2	11			1- 6	2- 0	2- 0															
4	B209	2- 0		2	1			2- 0																	
4	B210	3- 4		2	1			3- 4																	
4	B211	2- 6		8	1			2- 6																	
		0- 9		2				0- 9																	
4	B212	to 2-6	series	1				to 2-6																	
		by 7"	of 4					by 7"																	
		avg step						avg step																	
WALLS																									
6	W105	6- 5		12	10			2- 1	4- 4																
6	W106	6- 5		16	10			2- 1	4- 4																
5	W107	10-10		24	10			6- 8	4- 2																
5	W108	6- 7		22	1			6- 7																	
6	W109	6- 5		24	10			2- 1	4- 4																
4	W113	5- 9		48	1			5- 9																	
4	W114	3- 8		12	12			2- 5	1- 3															45	
4	W115	3- 4		12	12			2- 3	1- 1															45	
CUT-OFF WALL																									
4	D801	24-10		2	1			24-10																	
4	D802	23-10		1	1			23-10																	
4	D803	22-10		2	1			22-10																	
4	D804	5- 2		23	7			1- 7	0- 8	0- 8	0- 8														

- NOTES:
1. Environmental Class: Moderately Aggressive
  2. Reinforcing Steel, Grade 60.
  3. Concrete Class IV  $f'c = 5.5 \text{ ksi}$
  4. Soil Properties:  
Friction Angle 30 degrees
  5. Work this Drawing with Standard Plans Index No. 415-001
  6. Estimated Concrete Quantities  
Top Slab 11.4 CY  
Walls 2.2 CY  
Bottom Slab 3.5 CY  
Cut-off Wall 1.2 CY  
TOTAL 18.3 CY
  7. Estimate Reinforcing Steel Quantity  
3,147 LBS

MEADE CANAL BOX CULVERT EXTENSION

REVISIONS					<b>AIM Engineering &amp; Surveying, Inc</b> 3802 CORPOREX PARK DRIVE, SUITE 225 TAMPA, FLORIDA 33619 TELEPHONE (888) 627-4144 CERTIFICATE OF AUTHORIZATION NO. 3114 E.O.R. JAMES E. TOOMBS, P.E. NO. 41390	DRAWN BY: JET 12-18 CHECKED BY: REK 12-18 DESIGNED BY: JET 01-18 CHECKED BY: RK 01-18	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SHEET TITLE: REINFORCING BAR TABLE	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY			DESCRIPTION	ROAD NO.	COUNTY		CONTRACT NO.

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