

COMPONENTS OF CONTRACT PLANS SET
ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
SIGNALIZATION/LIGHTING PLANS

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

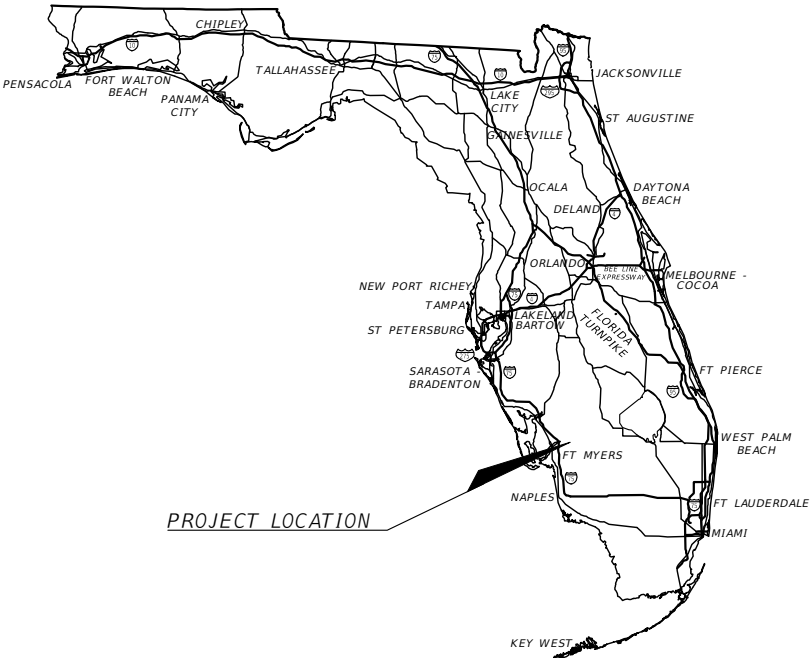
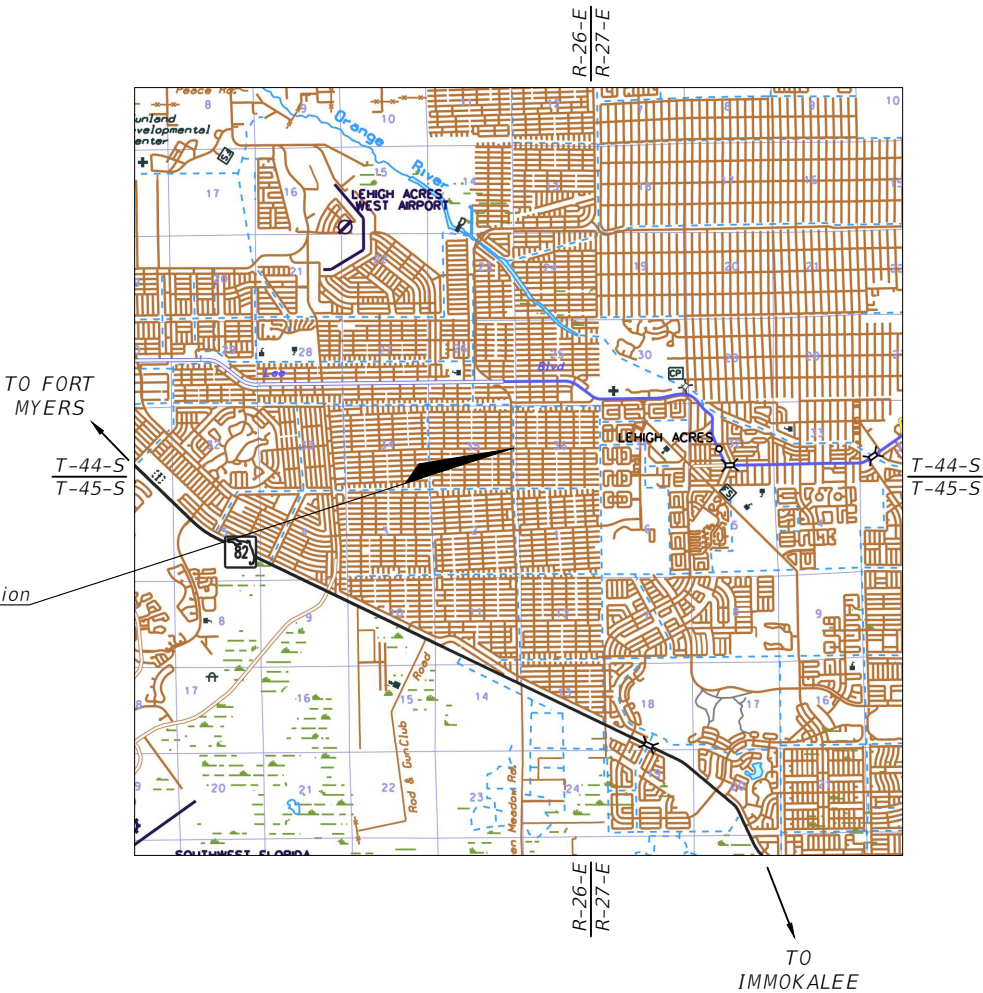
CONTRACT PLANS

LEE COUNTY

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SUNSHINE BLVD & 8TH STREET SW
INTERSECTION



ROADWAY PLANS
ENGINEER OF RECORD:

DANIEL M. CRAIG, P.E.
P.E. NO.: 38590
DAVID DOUGLAS ASSOCIATES, INC.
1821 VICTORIA AVE
FORT MYERS, FL 33901
CERTIFICATE OF AUTHORIZATION NO.: 7568

LCDOT PROJECT MANAGER:
ALEJANDRO SLAIBE, P.E.

GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY2019-20 Standard plans for Road and Bridge Construction and applicable Interim Revisions (Irs).

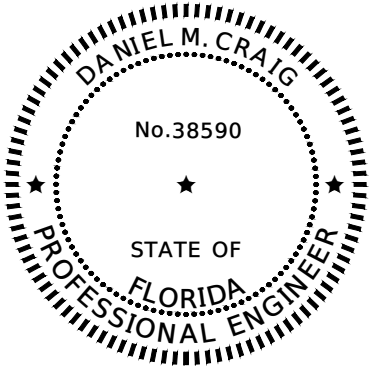
Standard Plans for Road Construction and associated Irs are available at the following website:
<http://www.fdot.gov/design/Standardplans>

APPLICABLE IRs: IR700-120-01

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>

LEE COUNTY CIP NO.	FISCAL YEAR	SHEET NO.
200614	19	1

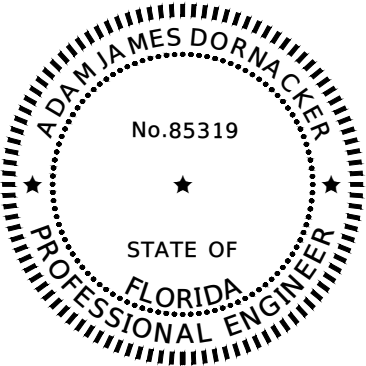


DAVID DOUGLAS ASSOCIATES, INC.
1821 VICTORIA AVE
FORT MYERS, FL 33901
PHONE NO.: 239-337-3330
CERTIFICATE OF AUTHORIZATION NO. 7568
DANIEL M. CRAIG, P.E. 38590

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

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GFA INTERNATIONAL
201 WALDO AVE NORTH
LEHIGH ACRES, FL 33971
PHONE NO.: 239-489-2443
CERTIFICATE OF AUTHORIZATION NO. 4930
ADAM JAMES DORNACKER, P.E. 85319

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

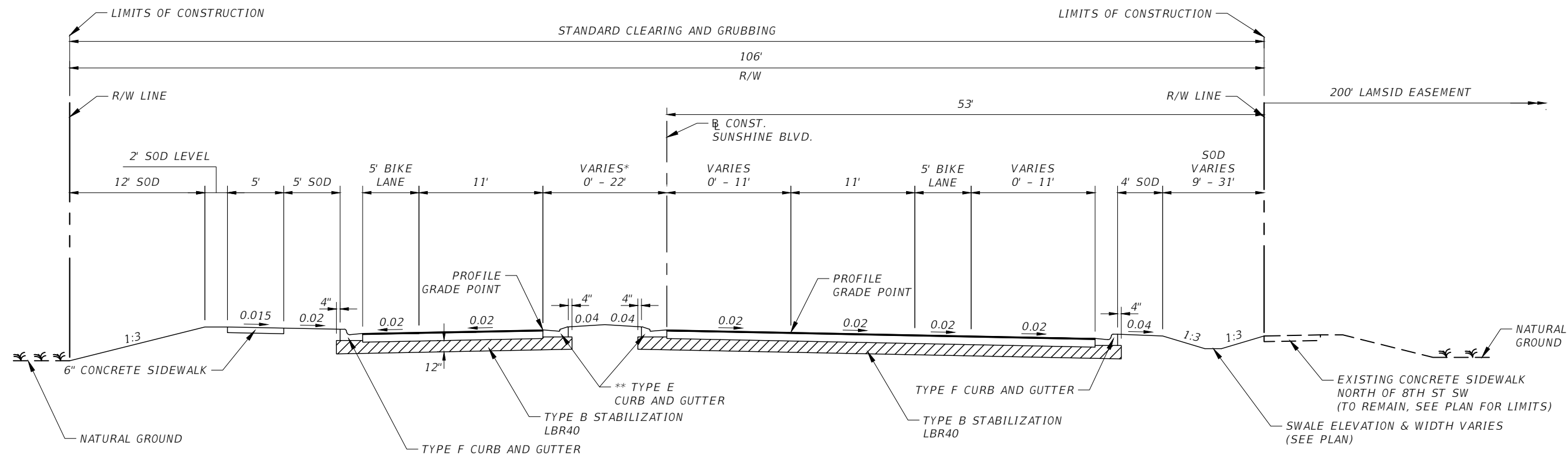
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- 21ROADWAY SOIL SURVEY

R E V I S I O N S				DANIEL M. CRAIG, P.E. P.E. LICENSE NUMBER 38590 DAVID DOUGLAS ASSOCIATES, INC. 1821 VICTORIA AVE FORT MYERS, FLORIDA 33901 CERTIFICATE OF AUTHORIZATION 7568	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SIGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	LEE COUNTY CIP NO.		
----	-----				SUNSHINE BLVD.	LEE	200614		2

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
ROADWAY			
101-1	MOBILIZATION	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
104-10-3	SEDIMENT BARRIER	LF	3981
104-11	FLOATING TURBIDITY BARRIER	LF	147
110-1-1	CLEARING AND GRUBBING	LS	1
110-4-10	REMOVAL OF EXISTING CONCRETE (SIDEWALK & DRIVEWAY)	SY	184
110-7-1	MAILBOX, RELOCATE, SINGLE	EA	3
120-1	REGULAR EXCAVATION	CY	2444
120-6	EMBANKMENT	CY	2241
160-4	TYPE B STABILIZATION (12")	SY	10660
285-706	OPTIONAL BASE, GROUP 06	SY	9256
327-70-1	isre	SY	58
334-1-13	SUPERPAVE ASPHALTIC CONC. TRAFFIC C (SP12.5), 2.5"	TN	1024.7
334-1-13	SUPERPAVE ASPHALTIC CONC. TRAFFIC C (SP12.5), 1.5"	TN	148.8
337-7-82	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC9.5, PG 76-22	TN	512.3
339-1	MISCELLANEOUS ASPHALT PAVEMENT	TN	2.8
425-1-351	INLETS, CURB, TYPE P-5, <10'	EA	10
425-1-361	INLETS, CURB, TYPE P-6, <10'	EA	2
425-1-451	INLETS, CURB, TYPE J-5, <10'	EA	1
425-1-461	INLETS, CURB, TYPE J-6, <10'	EA	2
425-1-531	INLETS, DITCH BOTTOM, TYPE C MODIFIED - BACK OF SIDEWALK, <10'	EA	4
425-1-551	INLETS, DT BOT, TYPE E, <10'	EA	6
425-1-553	INLETS, DT BOT, TYPE E, J BOT, <10'	EA	3
425-1-910	INLETS, CLOSED FLUME	EA	2
430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, RCP, 18" S/CD	LF	853
430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, RCP, 24" S/CD	LF	383
430-175-130	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, RCP, 30" S/CD	LF	237
430-175-136	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, RCP, 36" S/CD	LF	133
430-175-218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, ERCP, 18" S/CD	LF	106
430-175-224	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, ERCP, 24" S/CD	LF	20
430-175-230	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, ERCP, 30" S/CD	LF	193
430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24"	EA	1
430-982-138	MITERED END SECTION, OPTIONAL ROUND, 36"	EA	1
430-982-633	MITERED END SECTION, OPTIONAL - ELLIPTICAL/ARCH, 30" CD	EA	1
515-1-2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	36
520-1-7	CONCRETE CURB & GUTTER, TYPE E	LF	1854
520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	3446
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	1348
527-2	DETECTABLE WARNINGS	SF	228
530-3-3	RIPRAP - RUBBLE, BANK AND SHORE (1.5' DEEP)	TN	68.8
536-1-1	GUARDRAIL - ROADWAY, GENERAL TL-3	LF	100
536-8-13	APPROACH TRANSITION TO RIGID BARRIER CONNECTION, FURNISH & INSTALL, TL-3	EA	2
536-73	GUARDRAIL - REMOVAL	LF	132
536-85-20	GUARDRAIL END TREATMENT - TRAILING ANCHORGE	EA	1
536-85-26	GUARDRAIL END TREATMENT - TYPE CRT	EA	1
570-1-2	PERFORMANCE TURF (SOD)	SY	10000

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	LEE COUNTY CIP NO.		
----	-----	-----	-----		SUNSHINE BLVD.	LEE	200614		3



TYPICAL SECTION
SUNSHINE BLVD.
STA. 103+56.66 TO STA. 117+23.06

TRAFFIC DATA
CURRENT YEAR = 2016 AADT = 7,500
ESTIMATED OPENING YEAR = 2020 AADT = 8,662
ESTIMATED DESIGN YEAR = 2038 AADT = 16,562
K = 9% D = 51% T = 2% (24 HOUR)
DESIGN HOUR T = 2%
DESIGN SPEED = 45 MPH

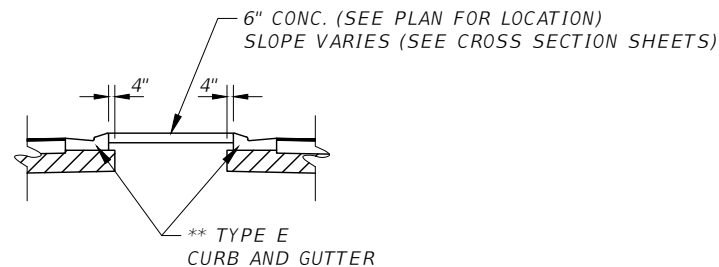
** WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT. THE THICKNESS OF THE LIP SHALL BE 6", UNLESS OTHERWISE SHOWN ON THE PLANS.

NEW CONSTRUCTION
OPTIONAL BASE GROUP 9* WITH
TYPE SP12.5 (STRUCTURAL COURSE) (TRAFFIC C) (2 1/2")
AND TYPE FC9.5 (FRICTION COURSE) (TRAFFIC C) (1")

TYPICAL SECTION
SUNSHINE BLVD.
STA. 117+23.06 TO STA. 117+43.06

MILLING
MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (1")

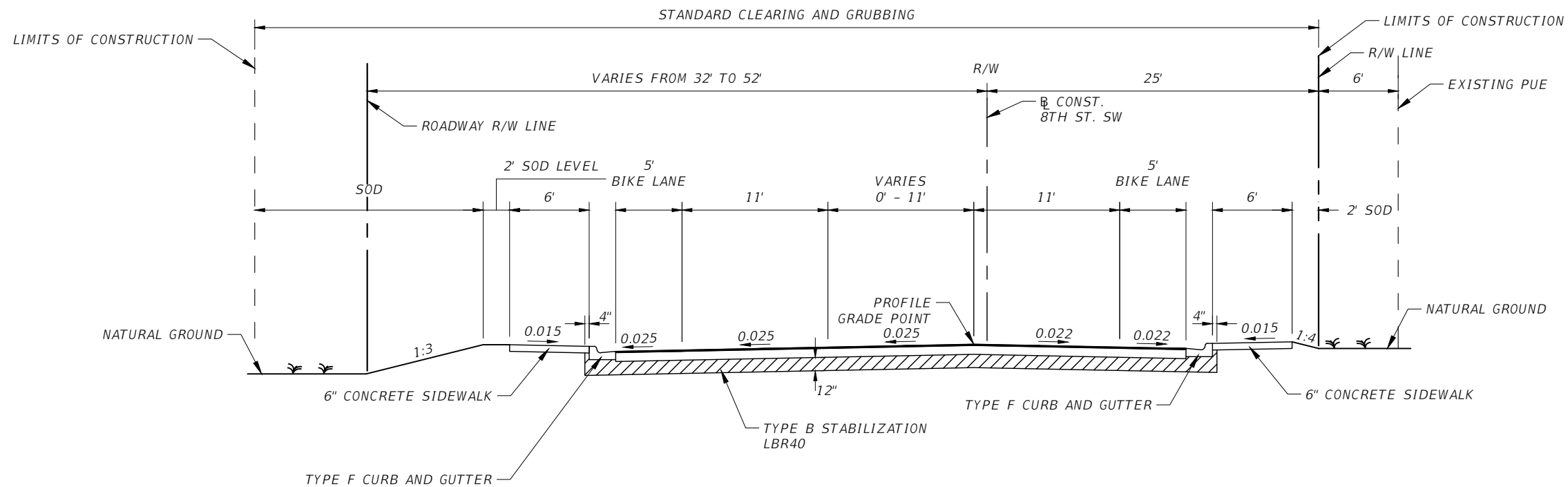
RESURFACING
AND TYPE FC9.5 (FRICTION COURSE) (TRAFFIC C) (1")



*CONCRETE MEDIAN DETAIL
(SPECIAL CONCRETE MEDIAN DETAIL,
SEE PLAN FOR LOCATIONS)

- TYPICAL SECTION NOTES:
1. OPTIONAL BASE GROUP SHALL EXCLUDE BANK RUN SHELL AND SHELL ROCK.
 2. EARTHWORK CALCULATIONS BASED UPON THE LIMEROCK BASE OPTION.
 3. TYPICAL SECTION IS MIRRORED FROM OUTSIDE CURB LINE TO OUTSIDE CURB LINE BEGINNING AT STA. 110+44.91 TO STA. 117+23.01.
 4. CONTRACTOR TO COMPACT SOIL UNDER SIDEWALKS TO 98% MAX DENSITY AS DETERMINED T-99 MOD. PROCTOR.
 5. FRONT & BACK SWALE SLOPES SHOWN ARE TYPICAL, REFER TO CROSS SECTION AND PLAN & PROFILE SHEETS FOR ACTUAL SLOPES.

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TYPICAL SECTION
8TH STREET SW
STA. 203+56.49 TO STA. 207+97.68

DESIGN SPEED = 35 MPH

NEW CONSTRUCTION

OPTIONAL BASE GROUP 6 WITH
 TYPE SP12.5 (STRUCTURAL COURSE) (TRAFFIC C) (1 1/2")
 AND TYPE FC9.5 (FRICTION COURSE) (TRAFFIC C) (1")

TYPICAL SECTION NOTES:

- SEE PLAN VIEW FOR R/W LIMITS.
- OPTIONAL BASE GROUP SHALL EXCLUDE BANK RUN SHELL AND SHELL ROCK.

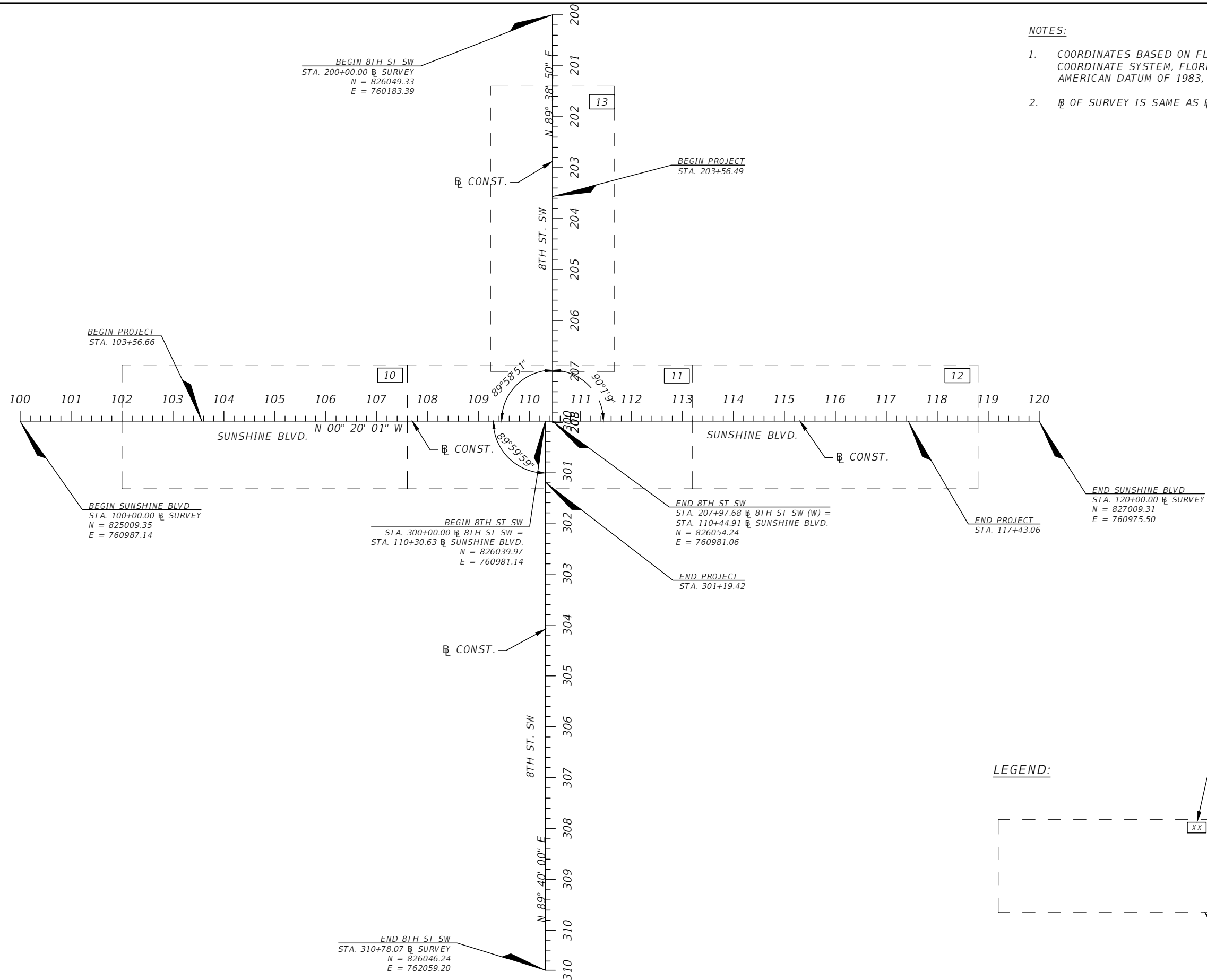
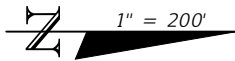
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	LEE COUNTY CIP NO.		
----	----				SUNSHINE BLVD.	LEE	200614		
									5



SUMMARY OF DRAINAGE STRUCTURES																							REMARKS
Q T Y	STR. NO.	STATION	SIDE	DESCRIPTION	B R L S	STORM AND CROSS DRAIN OPTIONAL TYPE							MES			INLETS				DBI			
						ROUND				OTHER			ROUND		OTHER	P-5	P-6	J-5	J-6	E	C		
						18"	24"	30"	36"	18"	24"	30"	24"	36"	30"	<10'	<10'	<10'	<10'	<10'	<10'		
P	S-1	105+94.22	LT	INLET/PIPE	1			13												1			
F																							
P	S-2	105+94.25	LT	INLET/PIPE	1				49										1			ALT. B	
F																							
P	S-3	105+94.25	RT	INLET/PIPE	1				10										1			ALT. B	
F																							
P	S-4	105+94.25	RT	INLET/PIPE	1				74											1			
F																							
P	S-5	105+94.24	RT	MES	1									1									
F																							
P	S-6	107+35.61	RT	INLET/PIPE	1	138										1						ALT. B	
F																							
P	S-7	107+80.00	LT	INLET/PIPE	1		16													1			
F																							
P	S-8	107+80.00	LT	INLET/PIPE	1		182									1						ALT. B	
F																							
P	S-9	108+80.00	RT	INLET/PIPE	1	141										1						ALT. B	
F																							
P	S-20	111+87.61	LT	INLET/PIPE	1							43								1		J BOTTOM	
F																							
P	S-21	112+05.00	LT	INLET/PIPE	1							77						1				ALT. B	
F																							
P	S-22	112+05.01	RT	INLET/PIPE	1							73								1		J BOTTOM	
F																							
P	S-23	112+05.04	RT	MES	1										1								
F																							
P	S-24	113+00.00	LT	INLET/PIPE	1	92											1					ALT. B	
F																							
P	S-25	113+00.00	RT	INLET/PIPE	1	92											1					ALT. B	
F																							
P	S-26	114+20.00	LT	INLET/PIPE	1	117										1						ALT. B	
F																							
P	S-27	114+20.00	RT	INLET/PIPE	1	117										1						ALT. B	
F																							
P	S-30	116+40.03	LT	INLET/PIPE	1						20									1			
F																							
P	S-31	116+40.00	LT	INLET/PIPE	1		34									1						ALT. B	
F																							
P	S-32	116+40.00	RT	INLET/PIPE	1		10									1						ALT. B	
F																							
P	S-32A	116+40.00	RT	INLET/PIPE	1		81													1			
F																							
P	S-33	116+40.00	RT	MES	1								1										
F																							
P	S-40	204+24.92	RT	INLET/PIPE	1					8											1	BACK OF SIDEWALK, PROVIDE MH RIM & COVER	
F																							
P	S-41	204+35.00	RT	INLET/PIPE	1					67						1						ALT. A	
F																							
P	S-42	204+35.00	LT	INLET/PIPE	1					31						1						ALT. B	
F																							
P	S-43	205+04.92	RT	INLET/PIPE	1	78															1	BACK OF SIDEWALK, PROVIDE MH RIM & COVER	
F																							
P	S-44	205+85.00	RT	INLET/PIPE	1		47														1	BACK OF SIDEWALK J BOTTOM, PROVIDE MH RIM & COVER	
F																							
P	S-45	205+85.00	LT	INLET/PIPE	1		12									1						ALT. B	
F																							
P	S-46	205+85.01	LT	INLET/PIPE	1			126												1			
F																							
P	S-47	206+64.92	RT	INLET/PIPE	1	78															1	BACK OF SIDEWALK, PROVIDE MH RIM & COVER	
F																							
P	S-48	207+14.62	LT	INLET/PIPE	1			96												1		J BOTTOM	
F																							
TOTAL						853	382	235	133	106	20	193	1	1	1	10	2	1	2	9	4		

REVISIONS				DANIEL M. CRAIG, P.E. P.E. LICENSE NUMBER 38590 DAVID DOUGLAS ASSOCIATES, INC. 1821 VICTORIA AVE FORT MYERS, FLORIDA 33901 CERTIFICATE OF AUTHORIZATION 7568	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SUMMARY OF DRAINAGE STRUCTURES	SHEET NO. 7
DATE	DESCRIPTION		DATE		DESCRIPTION				
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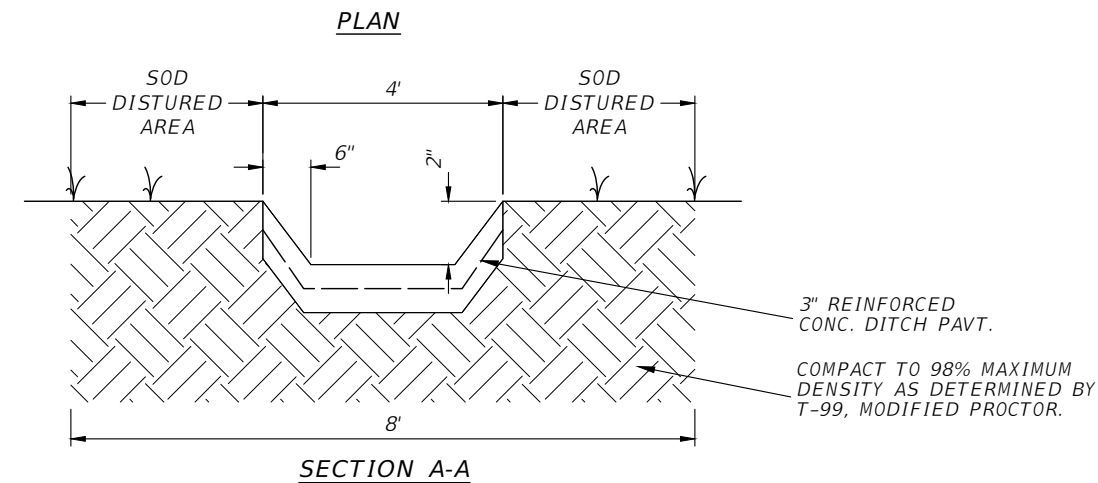
NOTES:

- COORDINATES BASED ON FLORIDA STATE PLANE COORDINATE SYSTEM, FLORIDA WEST ZONE; NORTH AMERICAN DATUM OF 1983, 2011 ADJUSTMENTS.
- ℄ OF SURVEY IS SAME AS ℄ OF CONSTRUCTION.

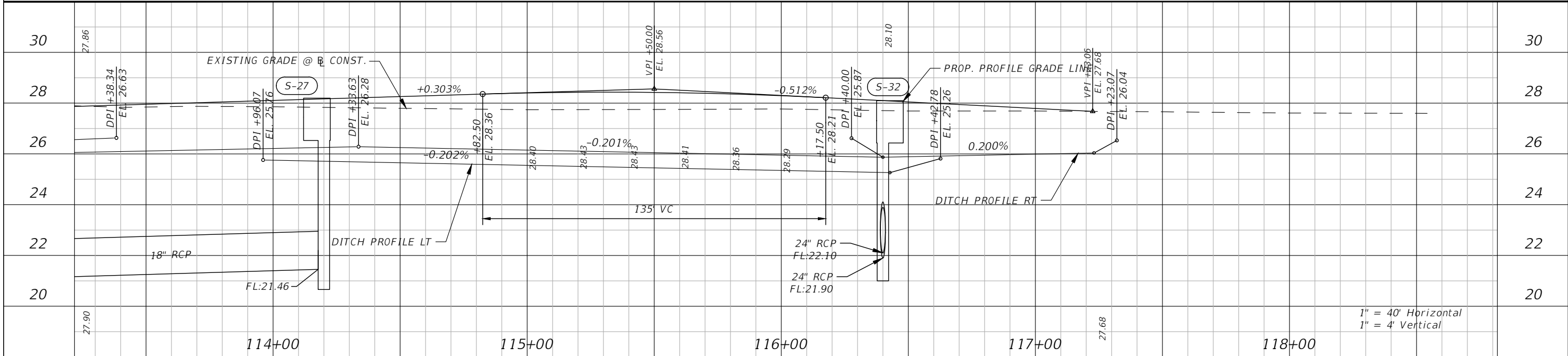
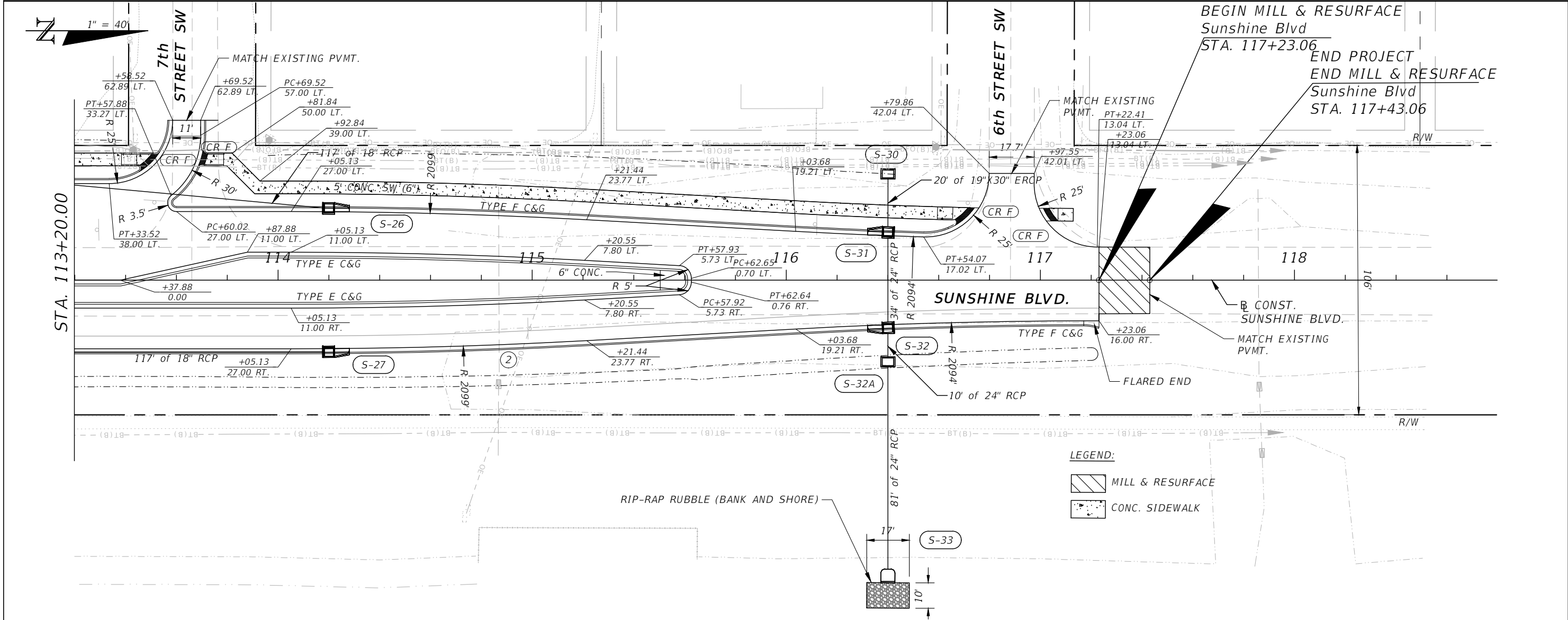
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	LEE COUNTY CIP NO.		
---	---	---	---		SUNSHINE BLVD.	LEE	200614		8

1. BENCHMARK ELEVATIONS SHOWN ARE TO TOP OF SOD. FINISH GRADE TO WITHIN 2" OF PAVEMENT ELEVATIONS BEFORE LAYING SOD (STRICTLY ENFORCED). ALL AREAS TO BE GRADED AND SODDED MUST DRAIN WITHOUT ANY NOTICEABLE PONDING. THE CONTRACTOR WILL BE REQUIRED TO REGRADE AND RESOD ANY AREAS WHICH DO NOT COMPLY WITH POSITIVE DRAINAGE WITHOUT PONDING.
2. SAILFISH CANAL WEIR (S-SF-2) HAS A CONTROL ELEVATION OF 19.5 UPSTREAM & 17.5 DOWNSTREAM. THE 25-YR/3 DAY MAX ELEVATIONS ARE 21.88 UPSTREAM (S) AND 20.51 DOWNSTREAM (N). INFORMATION SUPPLIED BY AIM ENGINEERING, INC., DATED 2013.
3. EXISTING STORM DRAINS WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE REMOVED, UNLESS OTHERWISE NOTED ON THE PLANS. SEE TABLE BELOW FOR EXISTING STORM INFORMATION.
4. ANY PRIVATE OR PUBLIC PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTING CONDITIONS. CONTRACTOR TO EXERCISE CAUTION WHEN REPLACING DRIVEWAYS, CONSTRUCTING SWALES, GRADING, ETC. TO AVOID CONFLICT WITH SEPTIC SYSTEM DRAIN FIELDS. AT NO ADDITIONAL COST, THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES TO A CONDITION EQUAL OR BETTER THAN EXISTING, ABOVE OR BELOW GROUND, THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED BY THE CONTRACTOR.
5. THE CONTRACTOR SHALL UTILIZE A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF FLORIDA TO LOCATE AND FLAG ALL PROPERTY CORNERS PRIOR TO CONSTRUCTION AND FINAL ENGINEERING INSPECTION AND CERTIFICATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE PROPERTY CORNERS, WHICH HAVE BEEN LOST DURING CONSTRUCTION, REESTABLISHED BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF FLORIDA. ALL (P.R.M'S) IRONS AND MONUMENTS SHOWN ON THE PLANS OR FOUND SHALL BE PRESERVED. ANY PUBLIC LAND CORNERS WITHIN LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF ANY CORNER MONUMENT IS IN DANGER OF BEING DESTROYED OR DISTURBED, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER WITHOUT DELAY.
6. DISCREPANCIES IN FIELD CONDITIONS, PLAN CONDITIONS, OR CODES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
7. THESE DRAWINGS DO NOT INCLUDE INSTRUCTIONS FOR THE CONTRACTOR REGARDING CONSTRUCTION SAFETY. DURING THE CONSTRUCTION AND/OR MAINTENANCE OF THIS PROJECT, ALL SAFETY REGULATIONS ARE TO BE ENFORCED BY THE CONTRACTOR. THE CONTRACTOR OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE CONTROL AND SAFETY OF THE PUBLIC AND THE SAFETY OF HIS PERSONNEL.
8. WHEN WORKING ON OR ADJACENT TO EXISTING STRUCTURES OR APPURTENANCES, ALL PRECAUTIONS FOR CONTINUED SAFETY OF STRUCTURES AND ALL PERSONNEL SHALL BE EXERCISED IN ACCORDANCE WITH THE FLORIDA TRENCH SAFETY ACT AT A MINIMUM.
9. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE APPROVED PLANS AND PERMITS AT THE CONSTRUCTION SITE AT ALL TIMES. THE CONTRACTOR IS RESPONSIBLE TO READ AND UNDERSTAND ALL PERMITS INCLUDING ALL GENERAL AND SPECIAL CONDITIONS. AT OWNER'S OR ENGINEER'S REQUEST, THE CONTRACTOR SHALL PROVIDE APPROPRIATE DOCUMENTATION THAT ALL CONSTRUCTION RELATED CONDITIONS ARE ADHERED TO.
10. GREEN OPEN SPACE ELEVATIONS SHOWN ARE TO TOP OF SOD. FINISH GRADE TO WITHIN 2" OF PAVEMENT ELEVATIONS BEFORE LAYING SOD (STRICTLY ENFORCED). ALL AREAS TO BE GRADED AND SODDED MUST DRAIN WITHOUT ANY NOTICEABLE PONDING. THE CONTRACTOR WILL BE REQUIRED TO REGRADE AND RESOD ANY AREAS WHICH DO NOT COMPLY WITH POSITIVE DRAINAGE WITHOUT PONDING.
11. NO DEWATERING PERMIT HAS BEEN ISSUED BY THE ENGINEER FOR THE PROPOSED CONSTRUCTION. IN THE EVENT DEWATERING IS REQUIRED THE CONTRACTOR SHALL APPLY FOR ALL APPLICABLE WATER USE PERMITS AT THAT TIME.
12. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE OWNER'S ENGINEER, SHOP DRAWINGS ON ALL PROPOSED PRECAST AND MANUFACTURED STRUCTURES. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE. ALL SHOP DRAWINGS ARE TO BE REVIEWED AND APPROVED BY CONTRACTOR SIGNATURE PRIOR TO SUBMITTAL TO THE OWNER'S ENGINEER.
13. CONTRACTOR SHALL NOTIFY THE LEHIGH ACRES MUNICIPAL SERVICES IMPROVEMENT DISTRICT (LAMSID) ENGINEER, AIM ENGINEERING, AT 239-332-4569 FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF THE PERMITTED ACTIVITY. THE LAMSID ENGINEER SHALL ESTABLISH POINTS OF CONSTRUCTION, IF APPLICABLE, WHICH WILL REQUIRE INSPECTION BY THE LAMSID ENGINEER PRIOR TO CONSTRUCTION OF THE PERMITTED ACTIVITY. WHEN THE CONTRACTOR CONSIDERS THE PERMITTED ACTIVITY COMPLETE, THE CONTRACTOR SHALL NOTIFY THE LAMSID ENGINEER AND SCHEDULE AN ON-SITE FINAL INSPECTION WHICH SHALL BE HELD IN THE PRESENCE OF A LCDOT REPRESENTATIVE AND/OR THE ENGINEER OF RECORD AND THE LAMSID ENGINEER.
14. CONTRACTOR SHALL BE AWARE THAT LIMESTONE/CAPROCK MAYBE ENCOUNTERED IN THIS AREA. EXCAVATION INTO AND/OR THROUGH LIMESTONE/CAPROCK WILL BE DIFFICULT AND WILL REQUIRE NON CONVENTIONAL CONSTRUCTION TECHNIQUES AND SPECIALIZED EQUIPMENT. NO SEPARATE PAYMENT WILL BE MADE IF ROCK IS ENCOUNTERED.
15. REFER TO STANDARD PLANS INDEX NO. 536-001 AND 536-002 FOR GUARDRAIL INFORMATION AND GUARDRAIL TRANSITIONS AND CONNECTIONS FOR EXISTING BRIDGES.
16. 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.

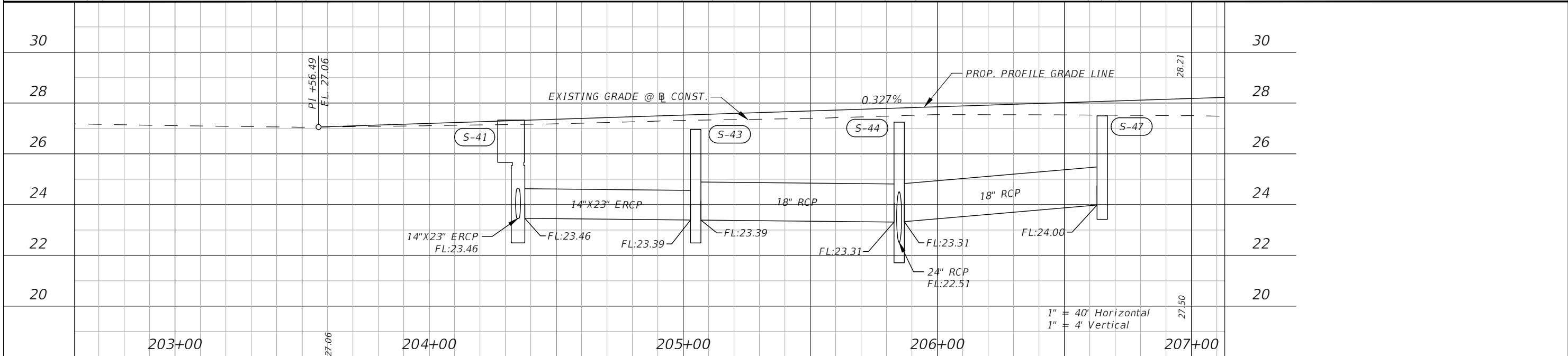
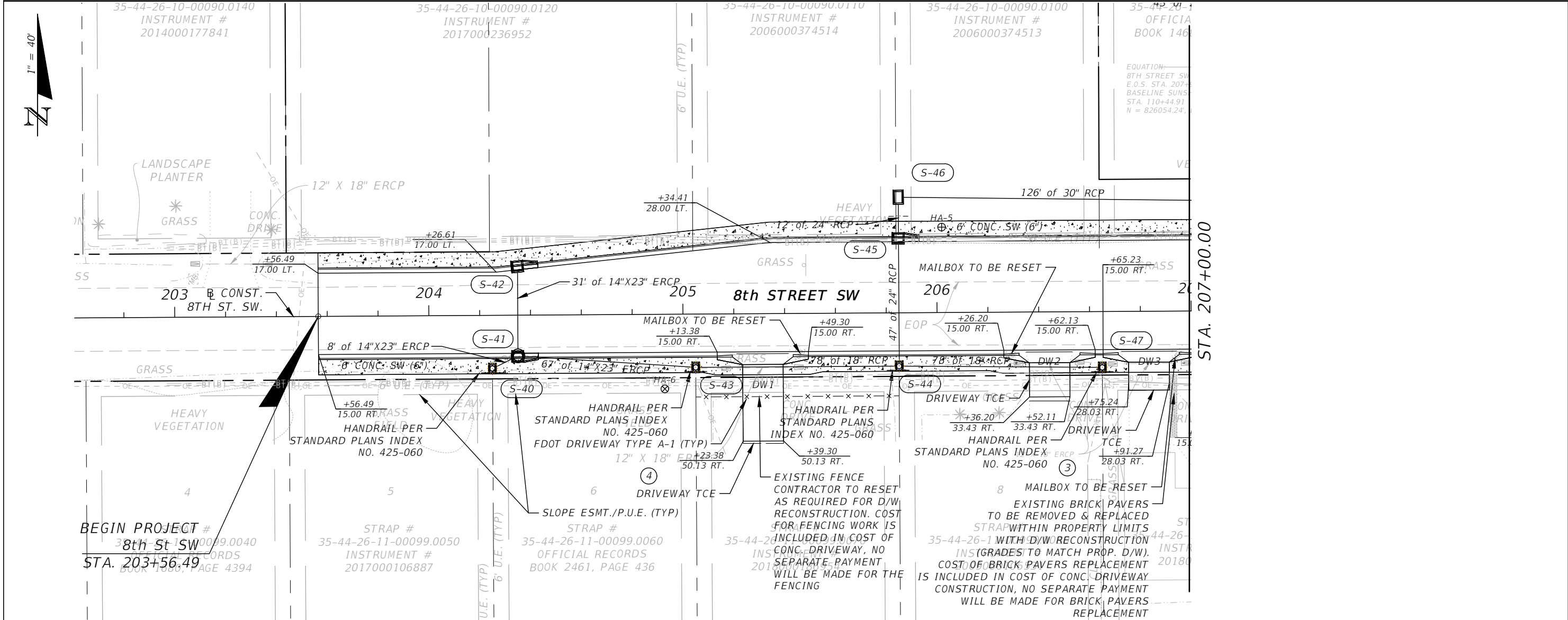
EXISTING STORM INFORMATION			
REFERENCE NUMBER	PIPE SIZE/MATERIAL	INVERT EL.	INVERT EL.
①	12" X 18" ERCP	25.03	25.68
②	19" X 30" ERCP	24.32	24.72
③	12" X 18" ERCP	25.55	25.63
④	12" X 18" ERCP	25.79	25.73



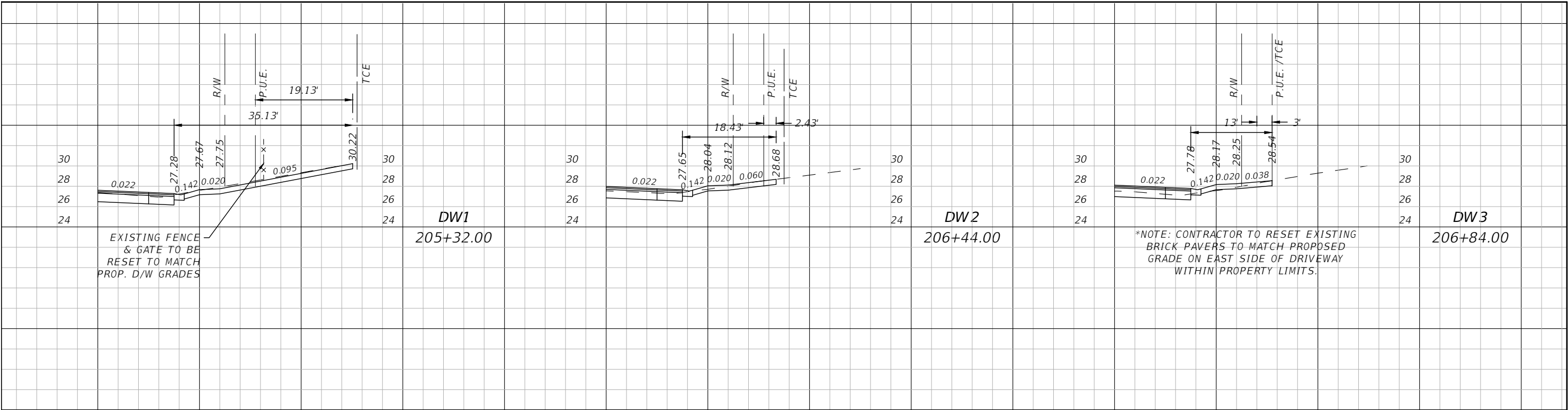
R E V I S I O N S				DANIEL M. CRAIG, P.E. P.E. LICENSE NUMBER 38590 DAVID DOUGLAS ASSOCIATES, INC. 1821 VICTORIA AVE FORT MYERS, FLORIDA 33901 CERTIFICATE OF AUTHORIZATION 7568	LEE COUNTY DEPARTMENT OF TRANSPORTATION			GENERAL NOTES & DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	LEE COUNTY CIP NO.		
----	----				SUNSHINE BLVD.	LEE	200614		
								9	



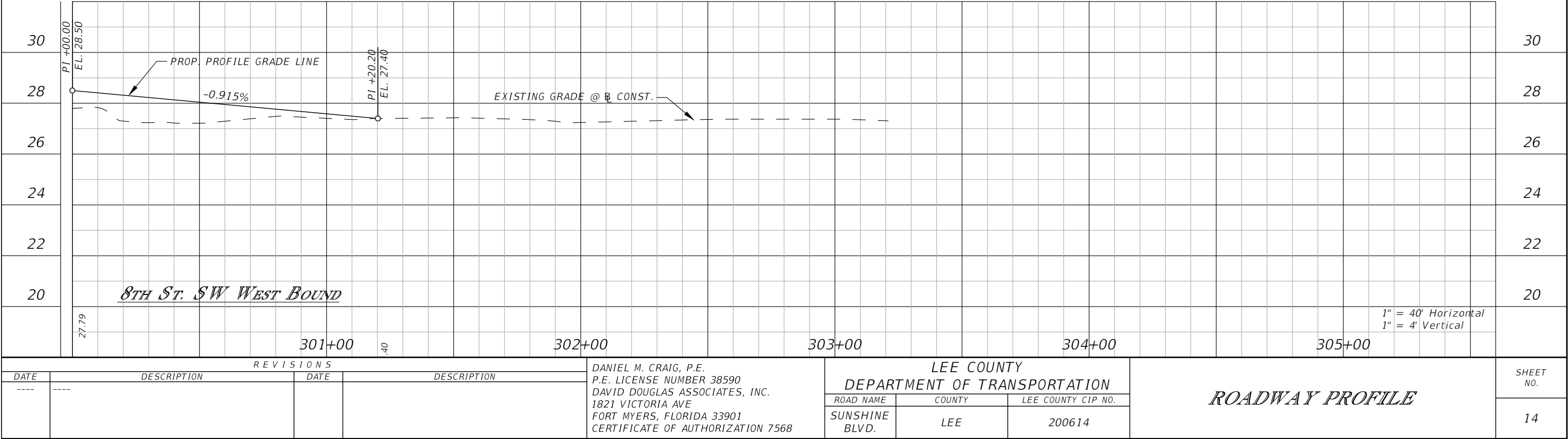
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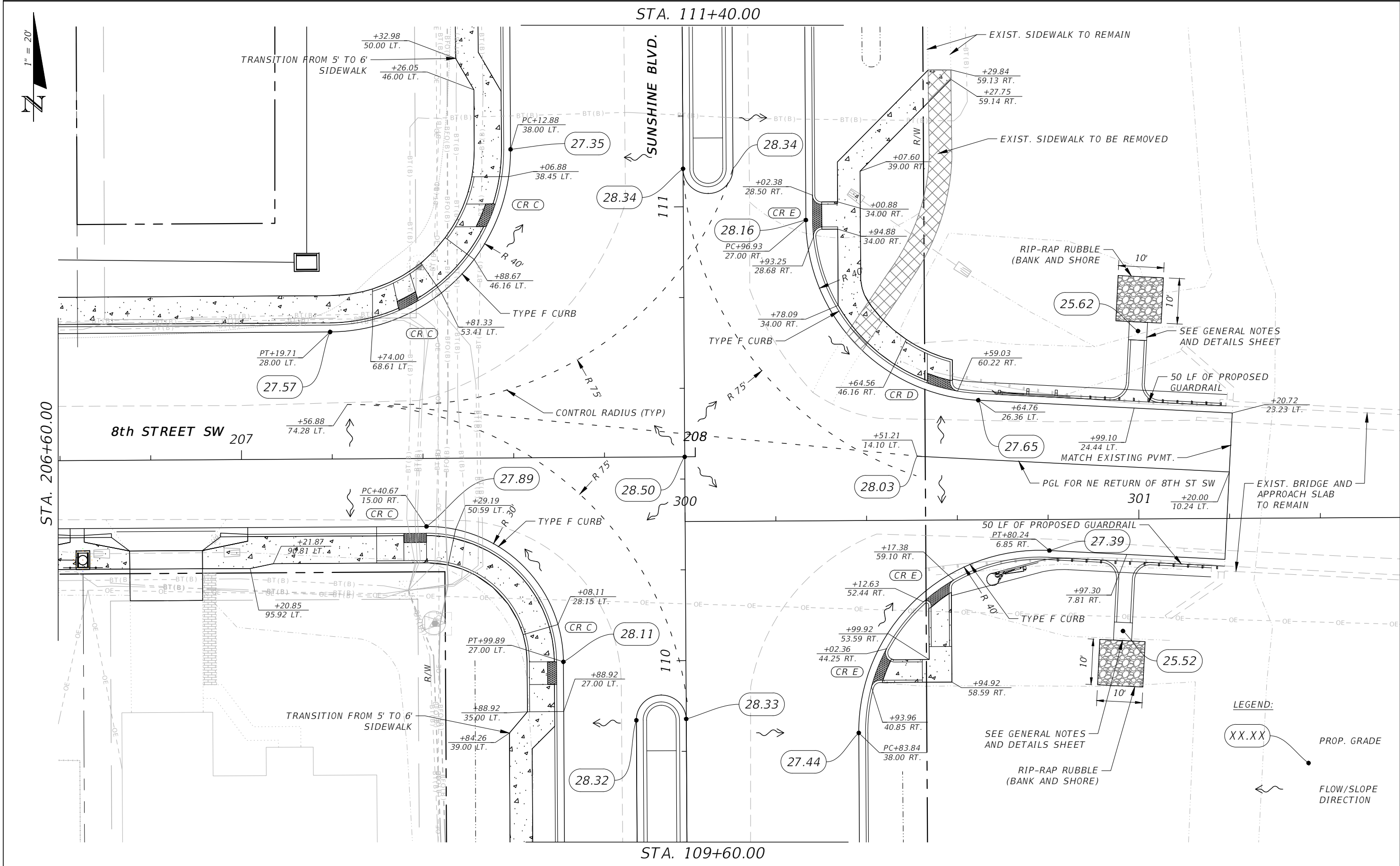


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---	---	---	---		SUNSHINE BLVD.	LEE	200614		

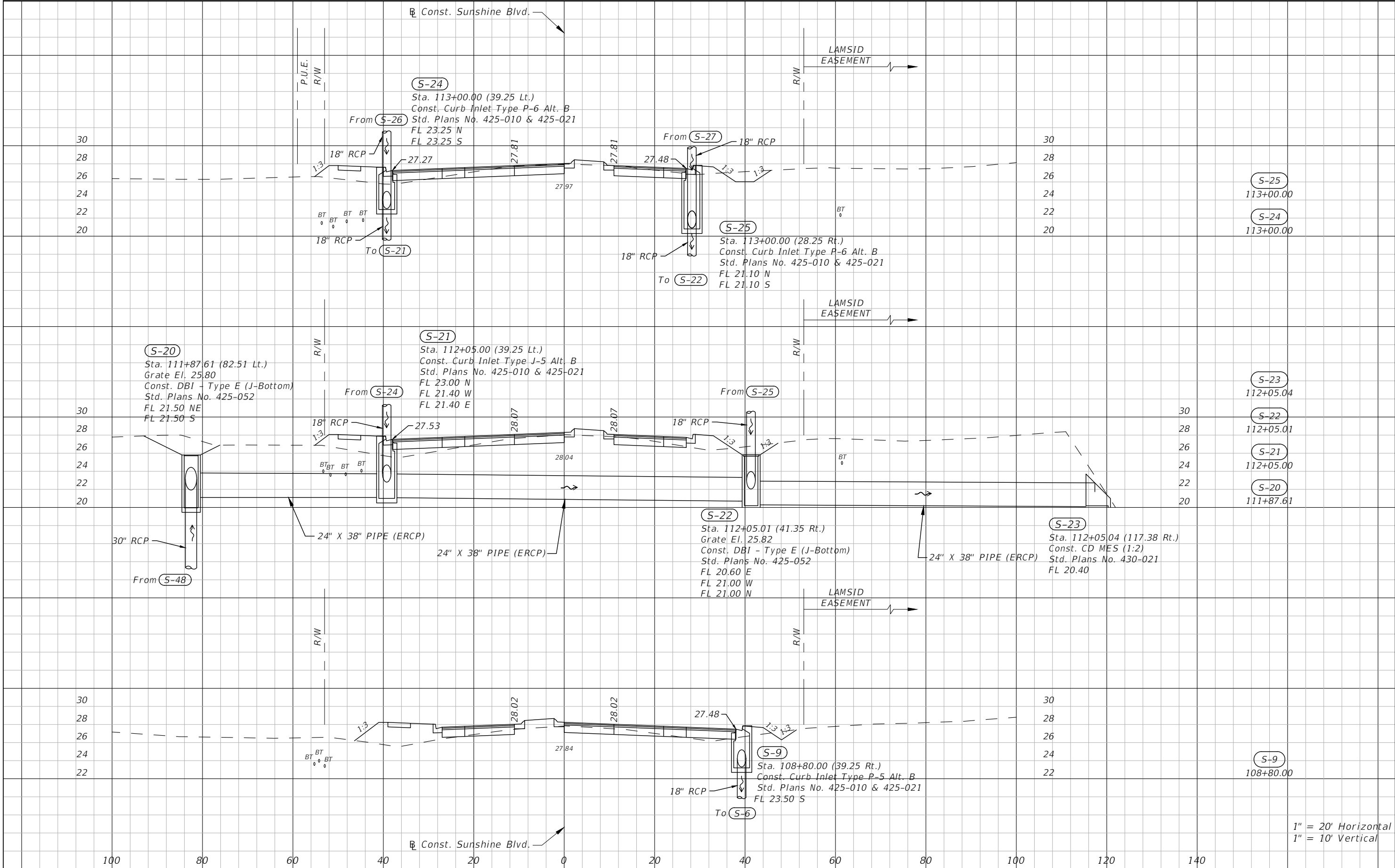


DRIVEWAY SECTIONS

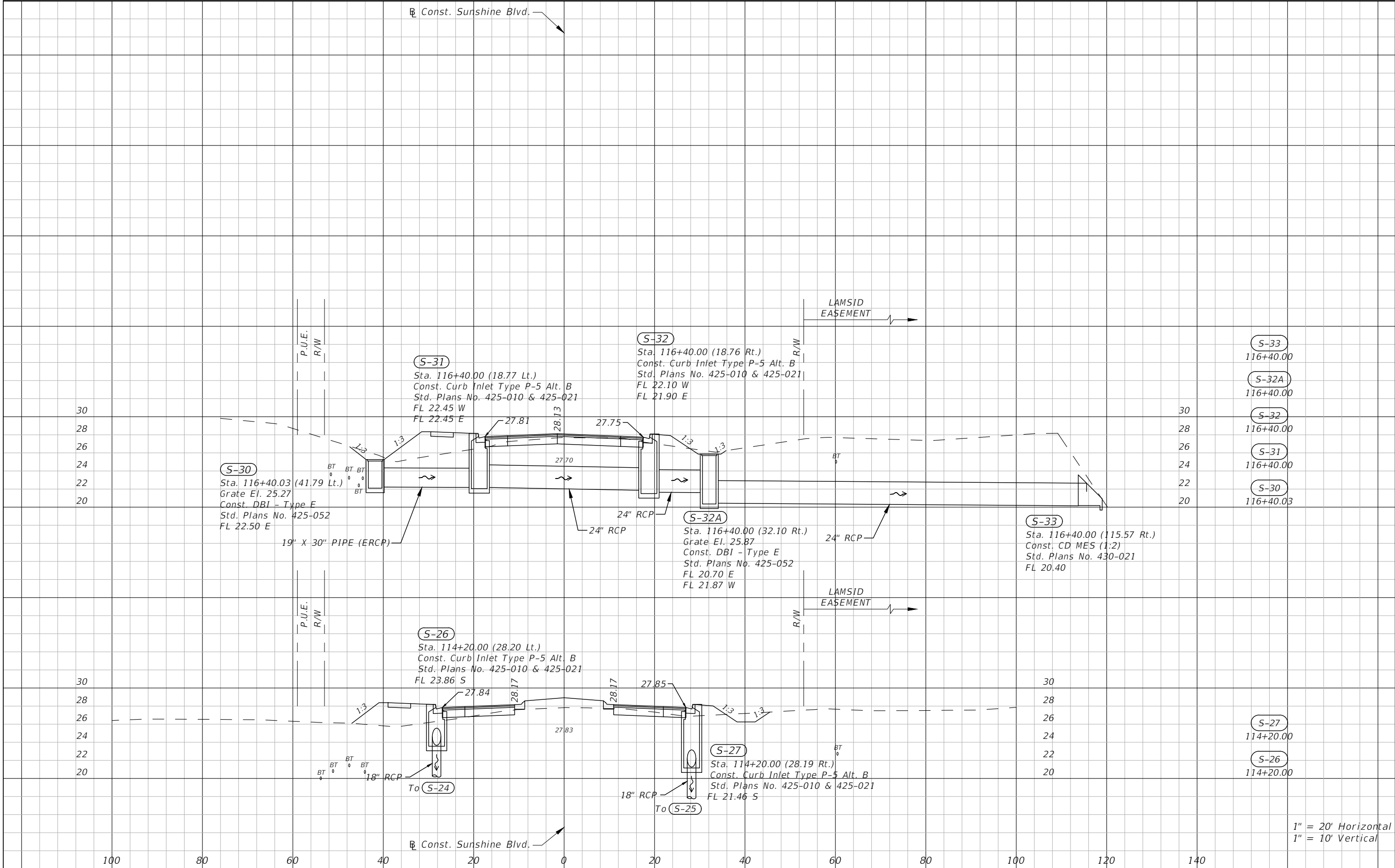




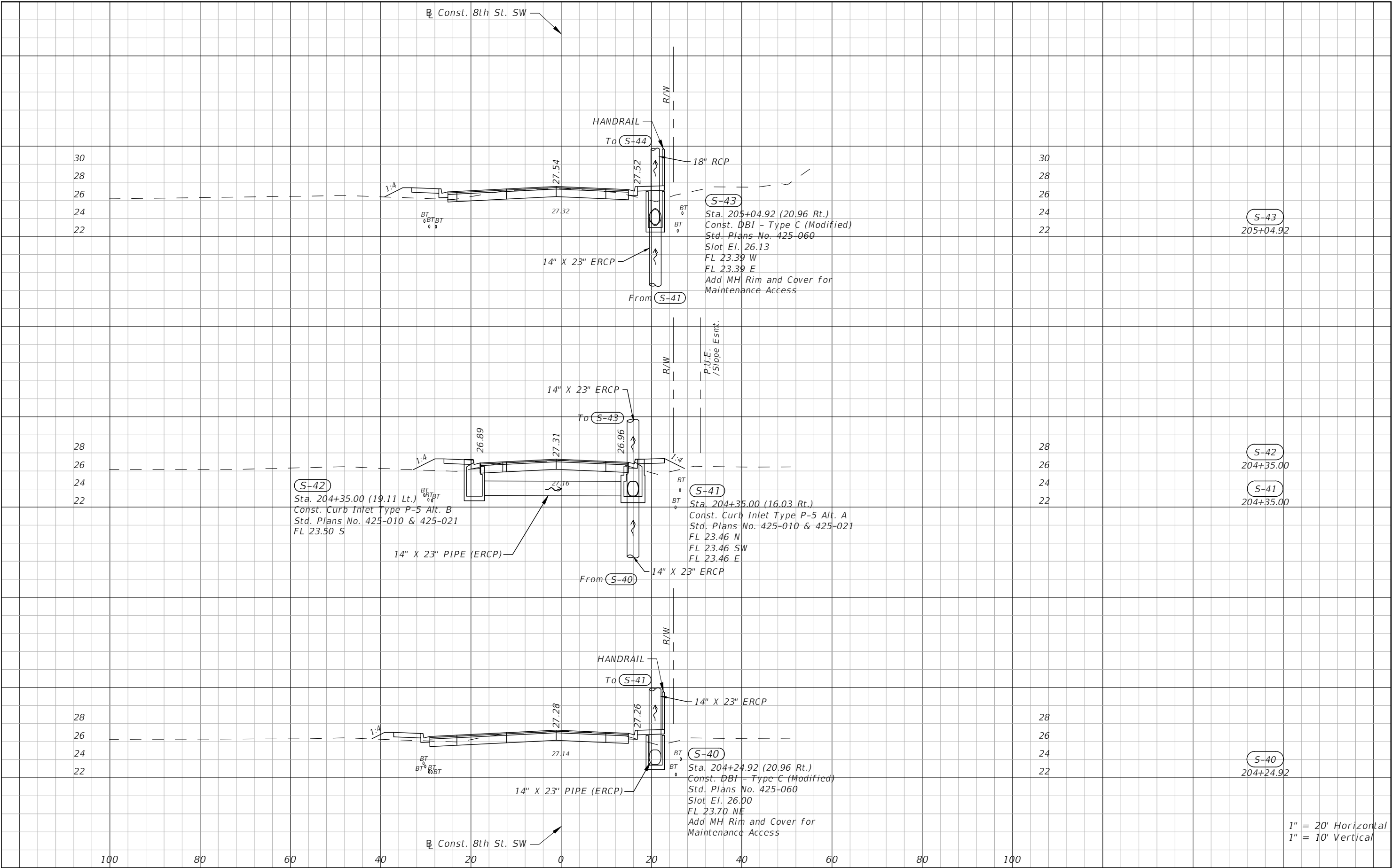
REVISIONS				DANIEL M. CRAIG, P.E. P.E. LICENSE NUMBER 38590 DAVID DOUGLAS ASSOCIATES, INC. 1821 VICTORIA AVE FORT MYERS, FLORIDA 33901 CERTIFICATE OF AUTHORIZATION 7568	LEE COUNTY DEPARTMENT OF TRANSPORTATION			INTERSECTION DETAIL	SHEET NO. 15
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	LEE COUNTY CIP NO.		
					SUNSHINE BLVD.	LEE	200614		



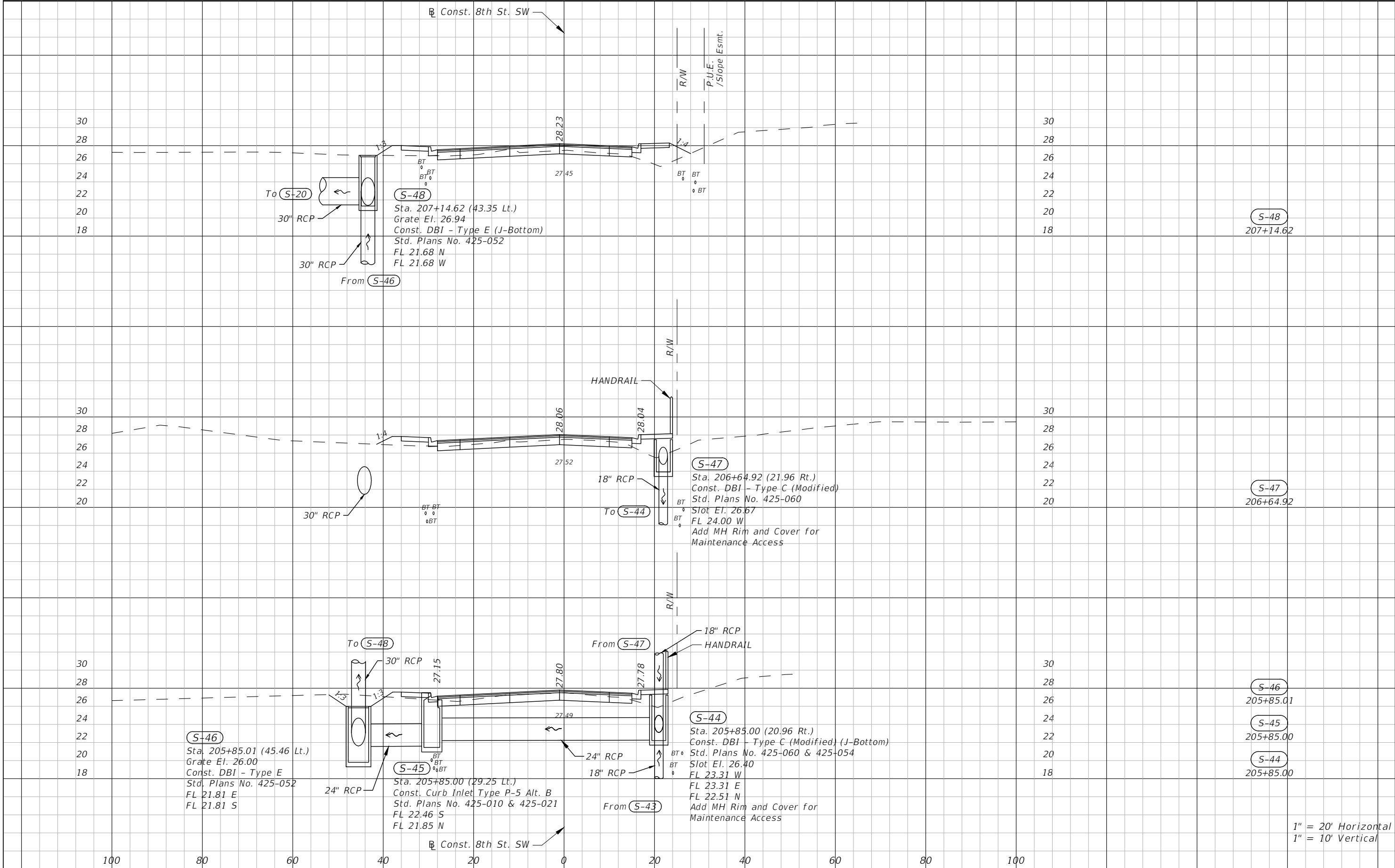
				DANIEL M. CRAIG, P.E. P.E. LICENSE NUMBER 38590 DAVID DOUGLAS ASSOCIATES, INC. 1821 VICTORIA AVE FORT MYERS, FLORIDA 33901 CERTIFICATE OF AUTHORIZATION 7568	LEE COUNTY DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	LEE COUNTY CIP NO.		17
----	-----	-----			SUNSHINE BLVD.	LEE	200614		



				DANIEL M. CRAIG, P.E. P.E. LICENSE NUMBER 38590 DAVID DOUGLAS ASSOCIATES, INC. 1821 VICTORIA AVE FORT MYERS, FLORIDA 33901 CERTIFICATE OF AUTHORIZATION 7568	LEE COUNTY DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO.	
DATE	DESCRIPTION		DATE		DESCRIPTION		ROAD NAME		COUNTY	LEE COUNTY CIP NO.
----	-----						SUNSHINE BLVD.		LEE	200614

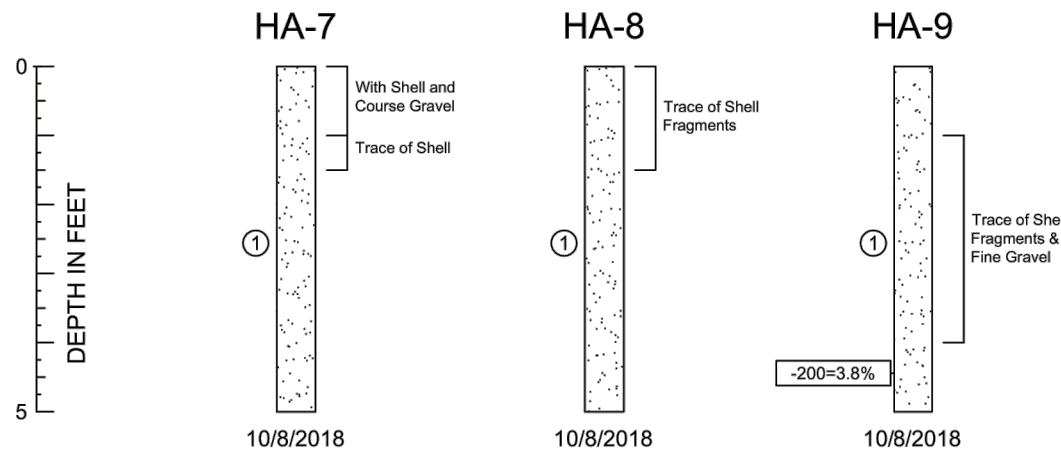
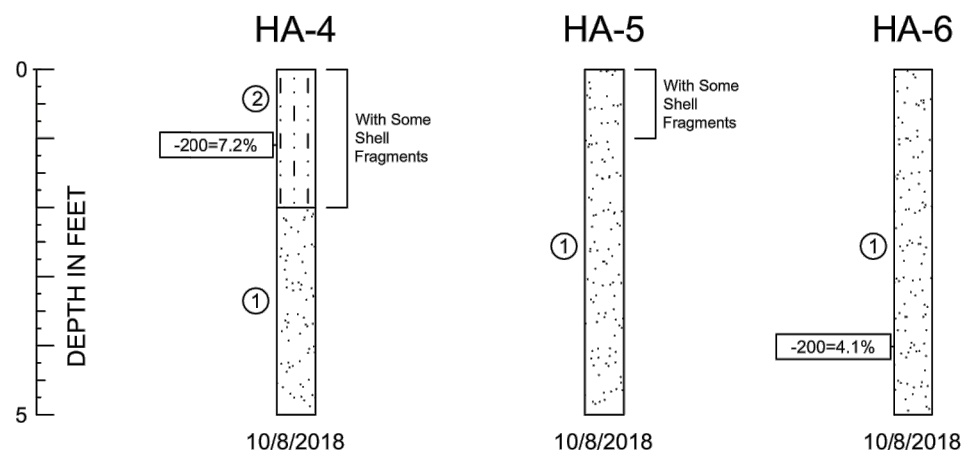
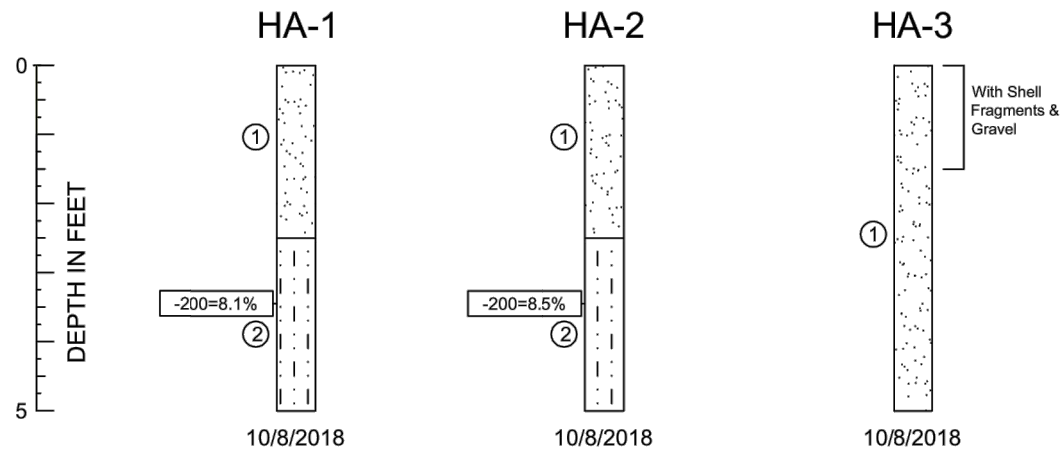


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	LEE COUNTY CIP NO.		19
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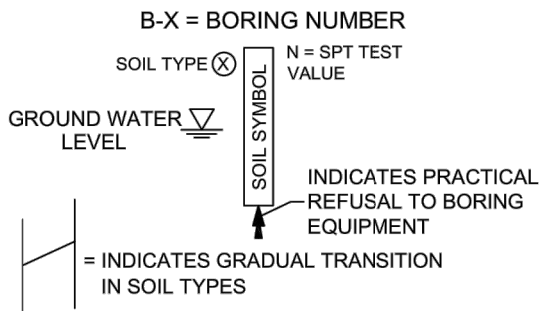


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	LEE COUNTY CIP NO.		20
----					SUNSHINE BLVD.	LEE	200614		

SOIL PROFILES

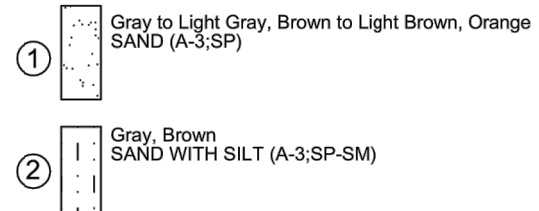


SOIL PROFILE LEGEND



NOTES:
N - STANDARD PENETRATION RESISTANCE TEST (SPT) VALUE. NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12-INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
WOH - BORING INTERVAL ADVANCED UNDER WEIGHT OF HAMMER.
HA - HAND AUGER

SOIL LEGEND



SOIL CLASSIFICATION

CORRELATION OF N - VALUES WITH RELATIVE DENSITY AND CONSISTENCY		CORRELATION OF N - VALUES WITH HARDNESS DESCRIPTION	
COHESIONLESS SOIL		LIMEROCK	
N - VALUE	RELATIVE DENSITY	N - VALUE	RELATIVE DENSITY
0 - 3	VERY LOOSE	0 - 19	VERY SOFT
4 - 8	LOOSE	20 - 49	SOFT
9 - 24	MEDIUM DENSE	50 - 100	MEDIUM HARD
25 - 40	DENSE	50 FOR 3 TO 5"	MODERATELY HARD
OVER 40	VERY DENSE	50 FOR 0 TO 2"	HARD
SILTS AND CLAYS			
N - VALUE	CONSISTENCY		
0 - 1	VERY SOFT		
2 - 4	SOFT		
5 - 6	FIRM		
7 - 12	STIFF		
13 - 24	VERY STIFF		
OVER 24	HARD		

APPROXIMATE FINES CONTENT		APPROXIMATE SHELL CONTENT		APPROXIMATE ORGANIC CONTENT	
MODIFIERS		MODIFIERS		MODIFIERS	
5% TO 15%	SLIGHTLY SILTY OR SLIGHTLY CLAYEY	0% TO 5%	WITH A TRACE OF SHELL	0% TO 5%	WITH A TRACE
16% TO 25%	SILTY OR CLAYEY	6% TO 12%	SLIGHTLY SHELLY	5% TO 20%	WITH ORGANICS
26% TO 49%	VERY SILTY OR VERY CLAYEY	13% TO 30%	SHELLY	20% TO 75%	HIGHLY ORGANIC
		31% TO 50%	VERY SHELLY	75% TO 100%	PEAT

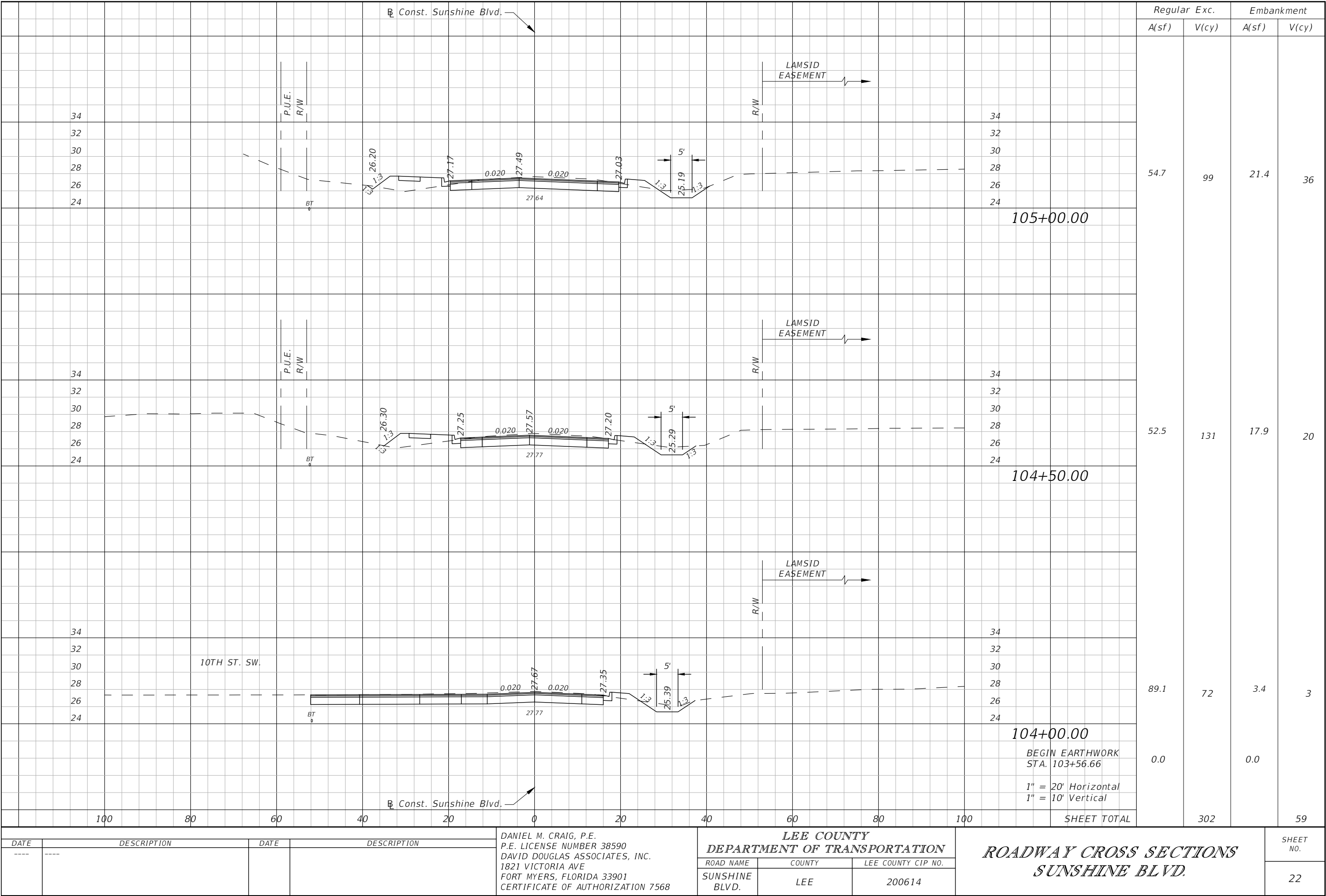
DEFINITION OF DESCRIPTIVE TERMS OF MODIFIERS FOR SILTS/CLAYS/SHELLS/GRAVELS ARE DESCRIBED AS FOLLOWS :

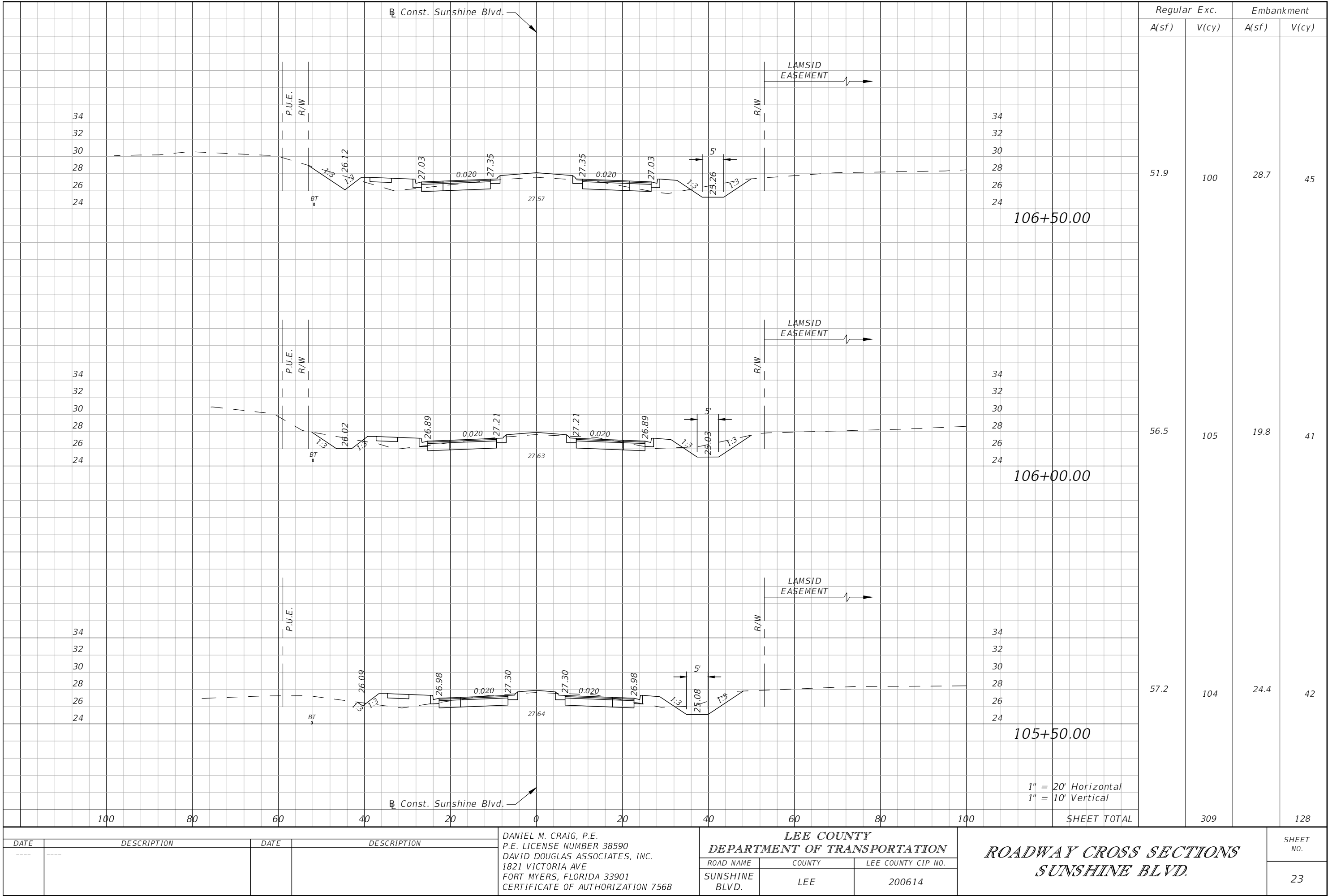
PERCENTAGE OF MODIFIER MATERIAL	FIRST QUALIFIER	SECOND QUALIFIER
0 - 5	WITH A TRACE OF + MODIFIER	WITH A TRACE
5 - 12	SLIGHTLY + MODIFIER + Y	WITH SOME
12 - 30	MODIFIER + Y	WITH
30 - 50	VERY + MODIFIER + Y	AND

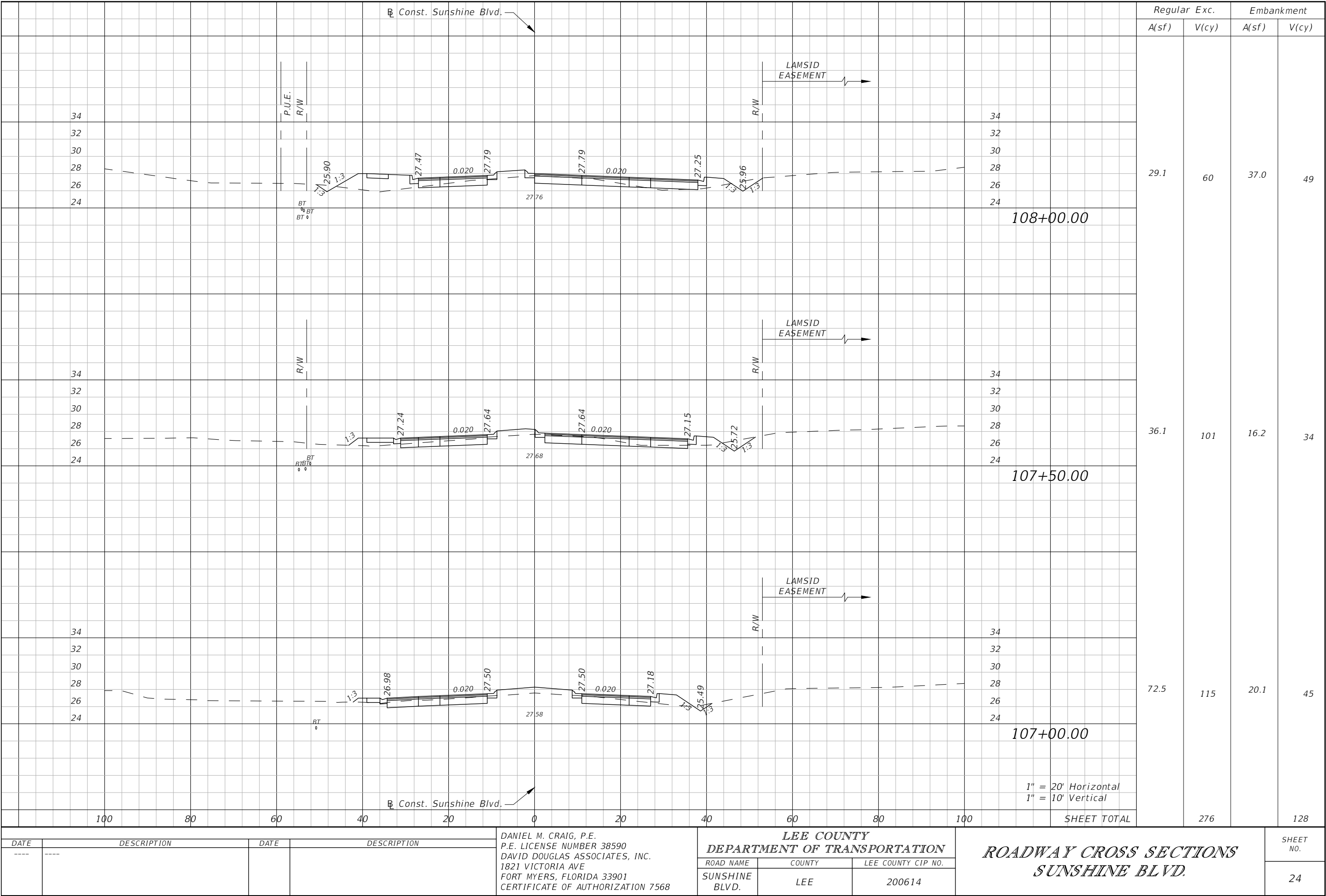
RECORD OF TEST BORINGS

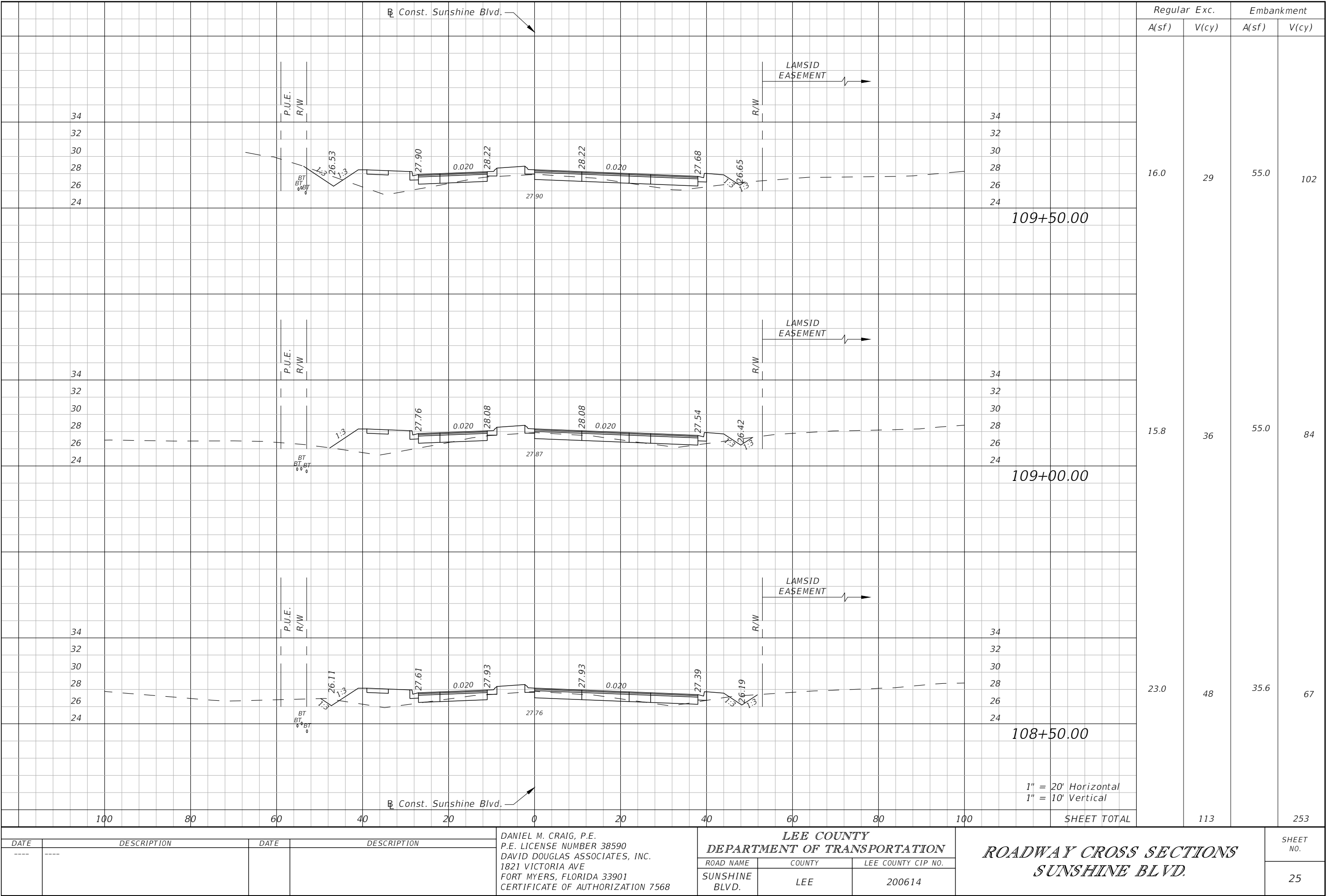
	GFA International, Inc. 5851 Country Lakes Drive Fort Myers, Florida 33905 239-489-2443 * TeamGFA.com	Client: David Douglas Associates, Inc. Project: Sunshine Blvd. S. and 8th St. SW Lehigh Acres, Lee County, Florida	Date: 10/24/2018 Job No: 18-5333
		Approved by: PJD	Drawn By: CAC

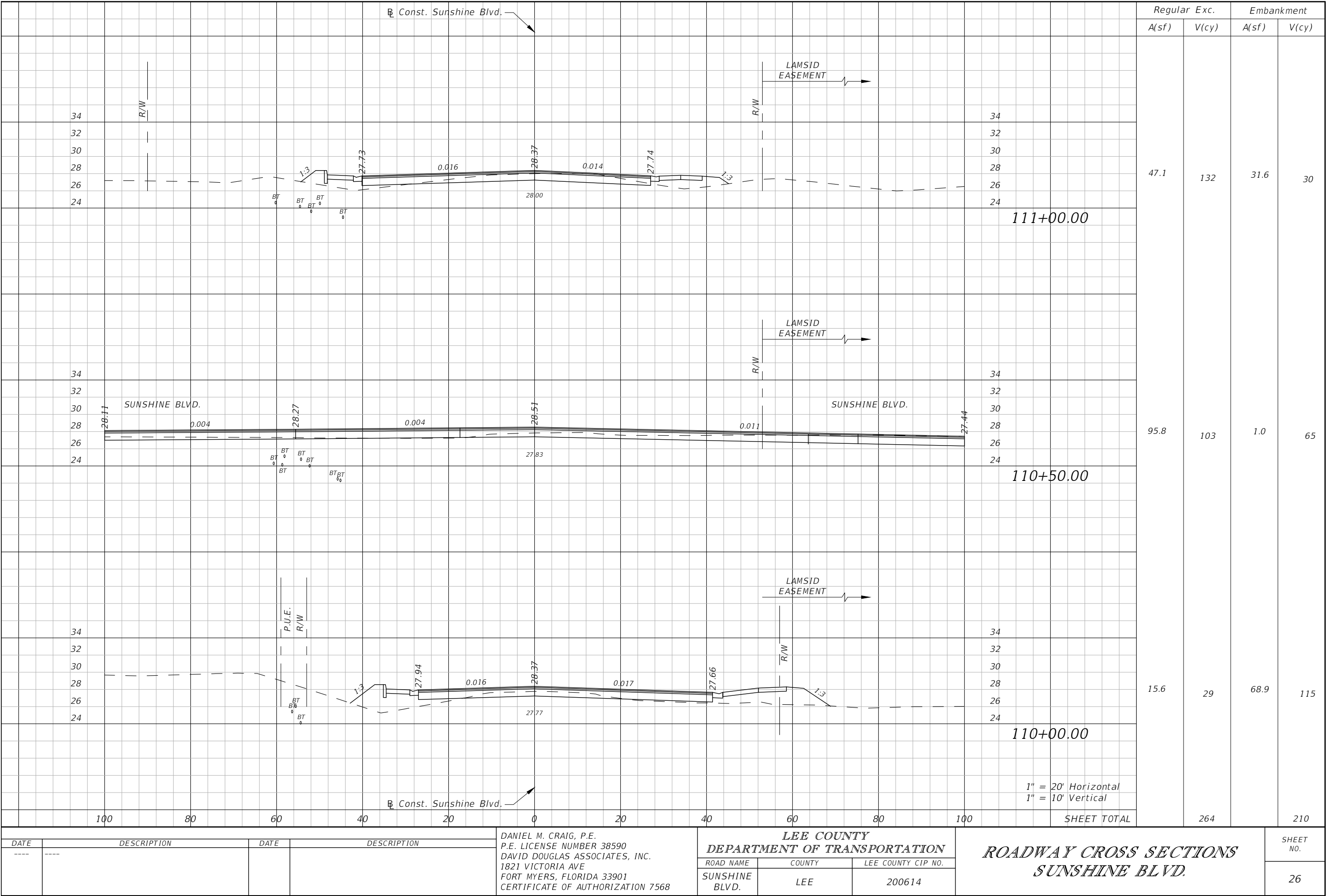
REVISIONS				DANIEL M. CRAIG, P.E. P.E. LICENSE NUMBER 38590 DAVID DOUGLAS ASSOCIATES, INC. 1821 VICTORIA AVE FORT MYERS, FLORIDA 33901 CERTIFICATE OF AUTHORIZATION 7568	LEE COUNTY DEPARTMENT OF TRANSPORTATION			ROADWAY SOIL SURVEY	SHEET NO. 21
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	LEE COUNTY CIP NO.		
---	---	---	---		SUNSHINE BLVD.	LEE	200614		

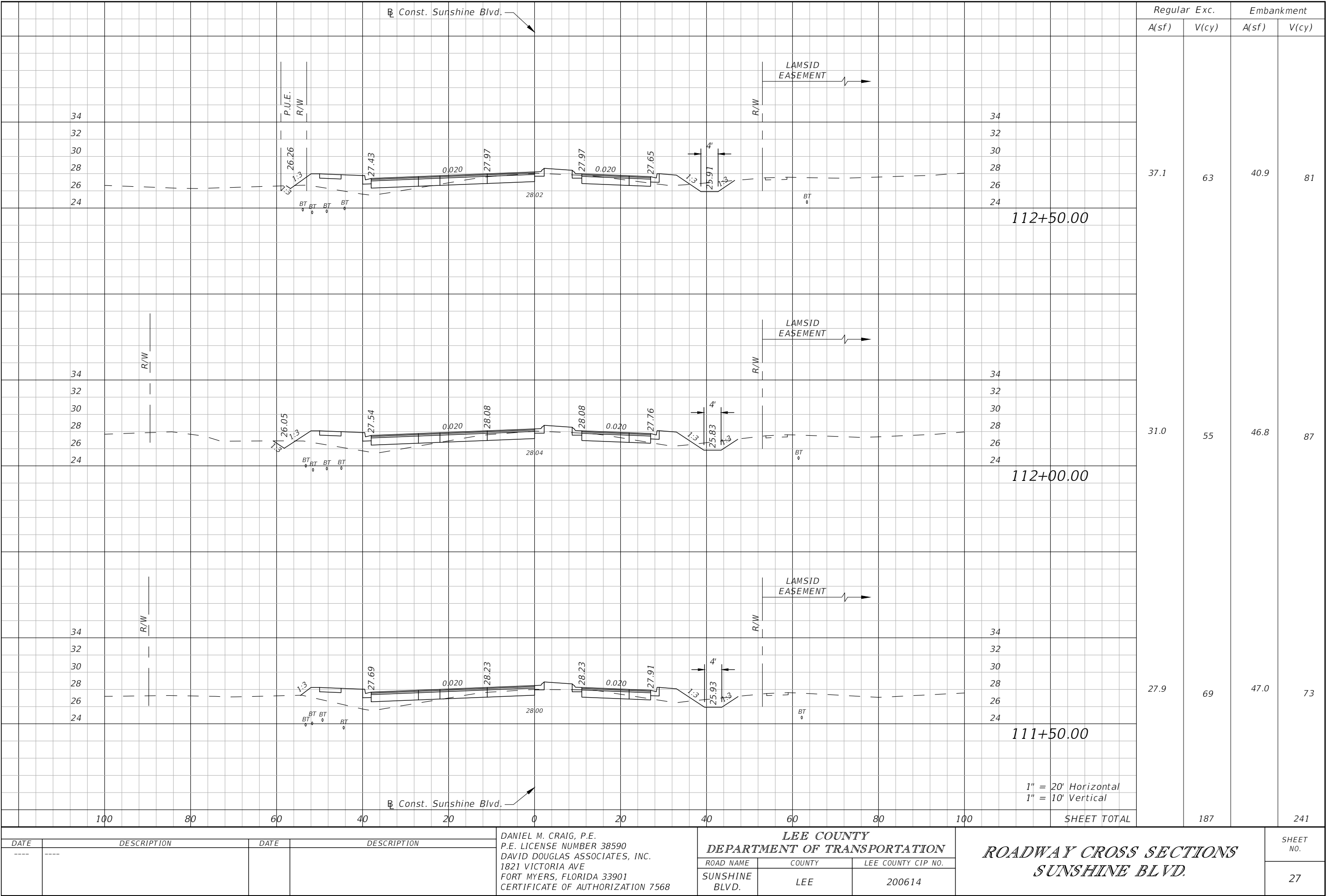


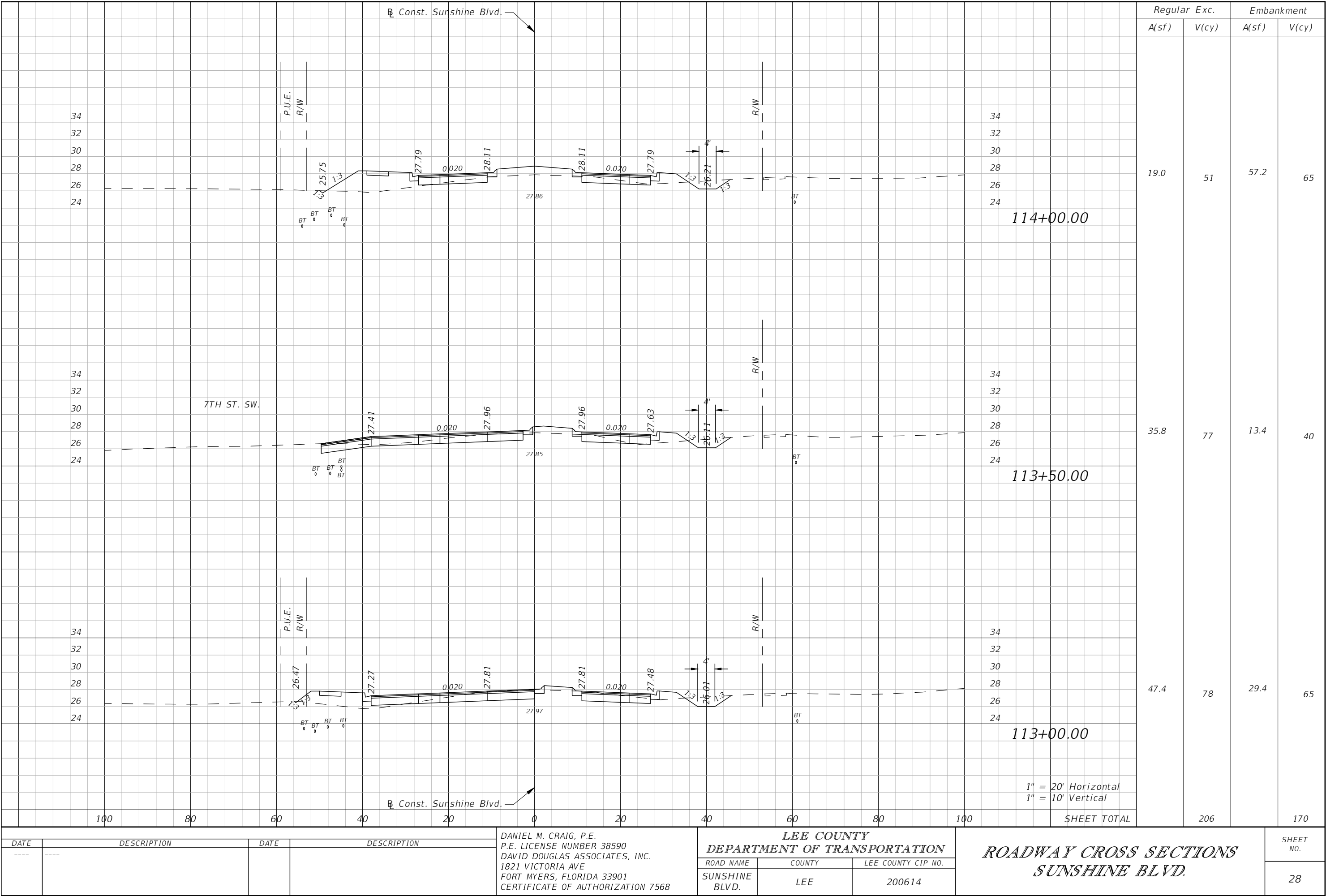


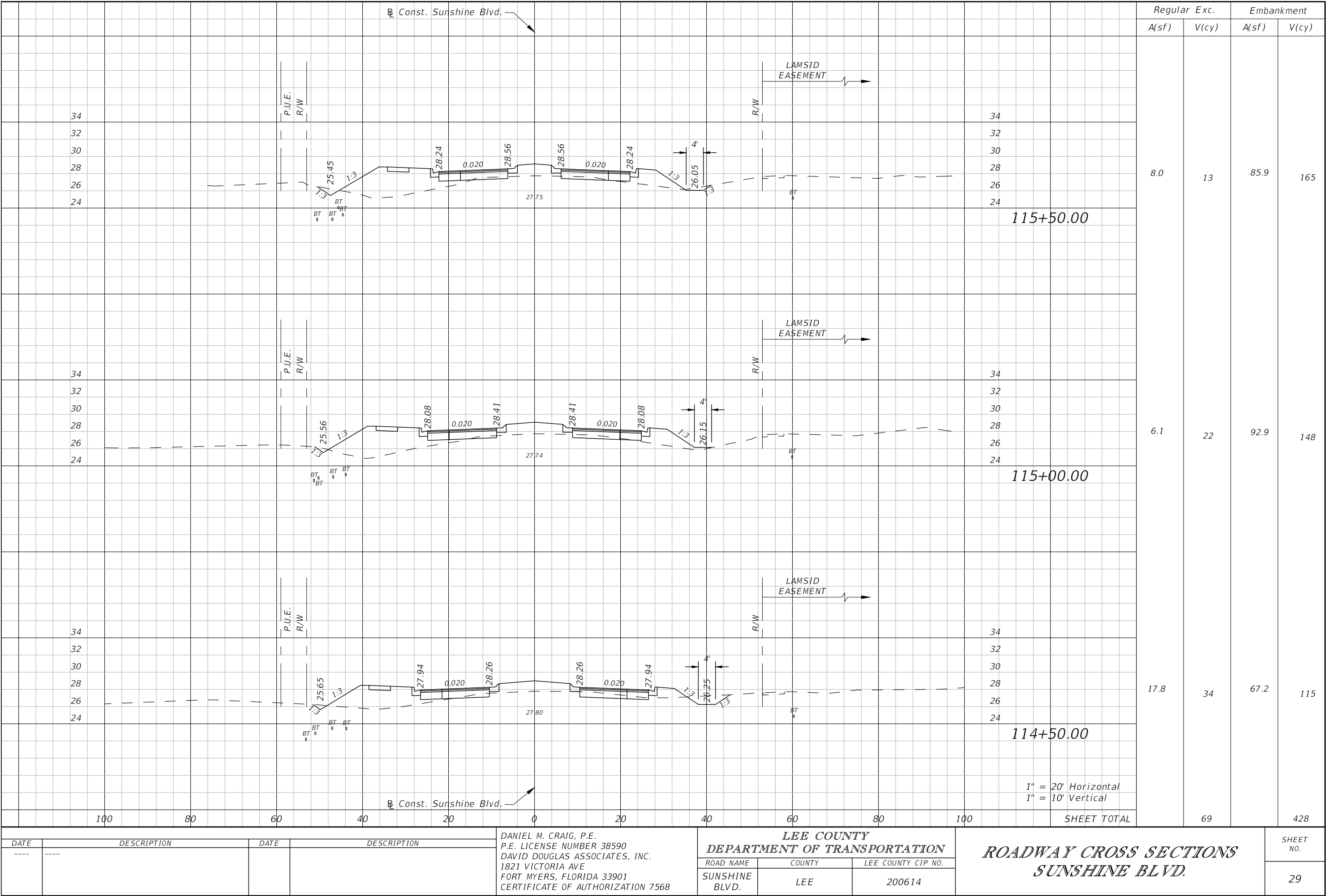


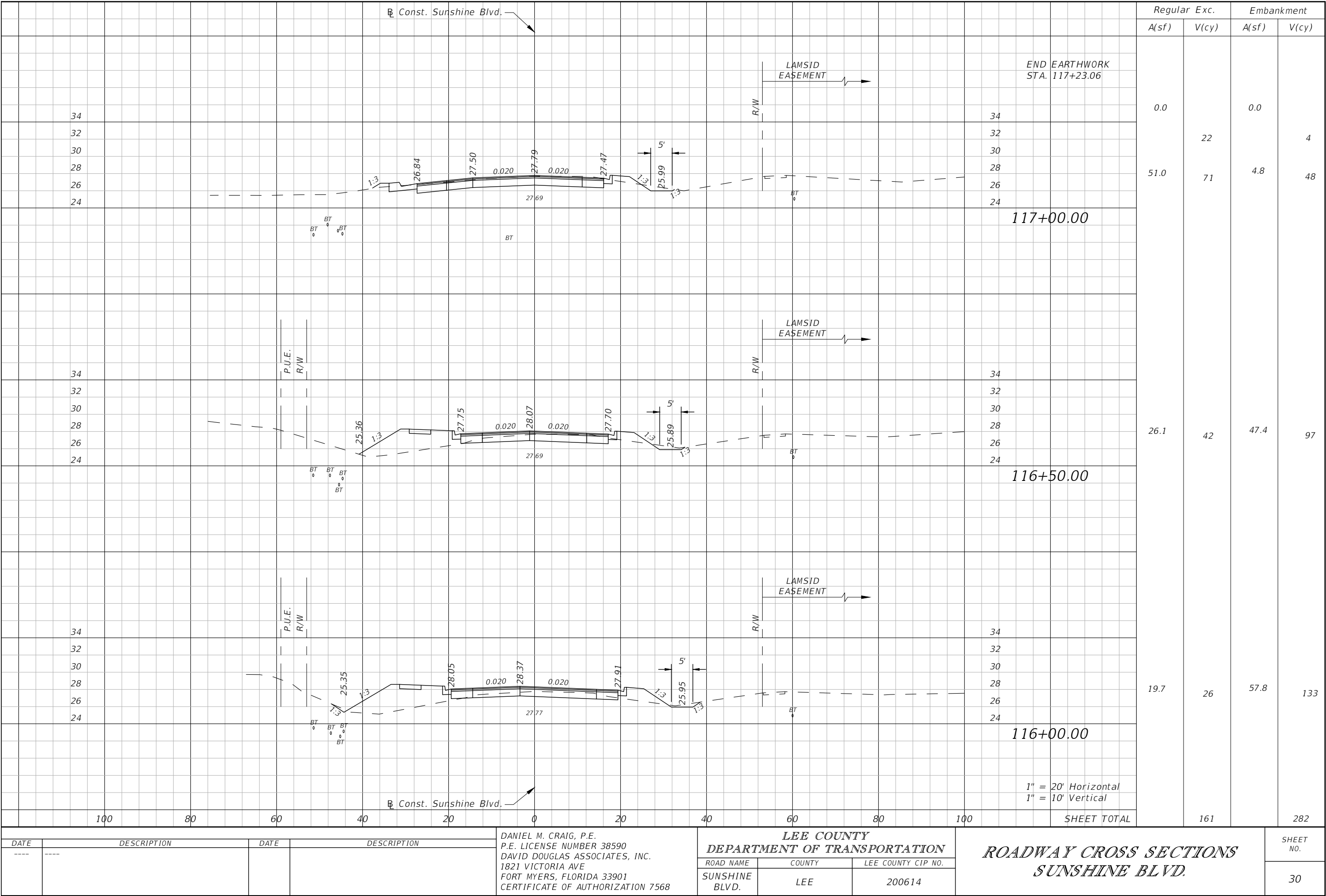


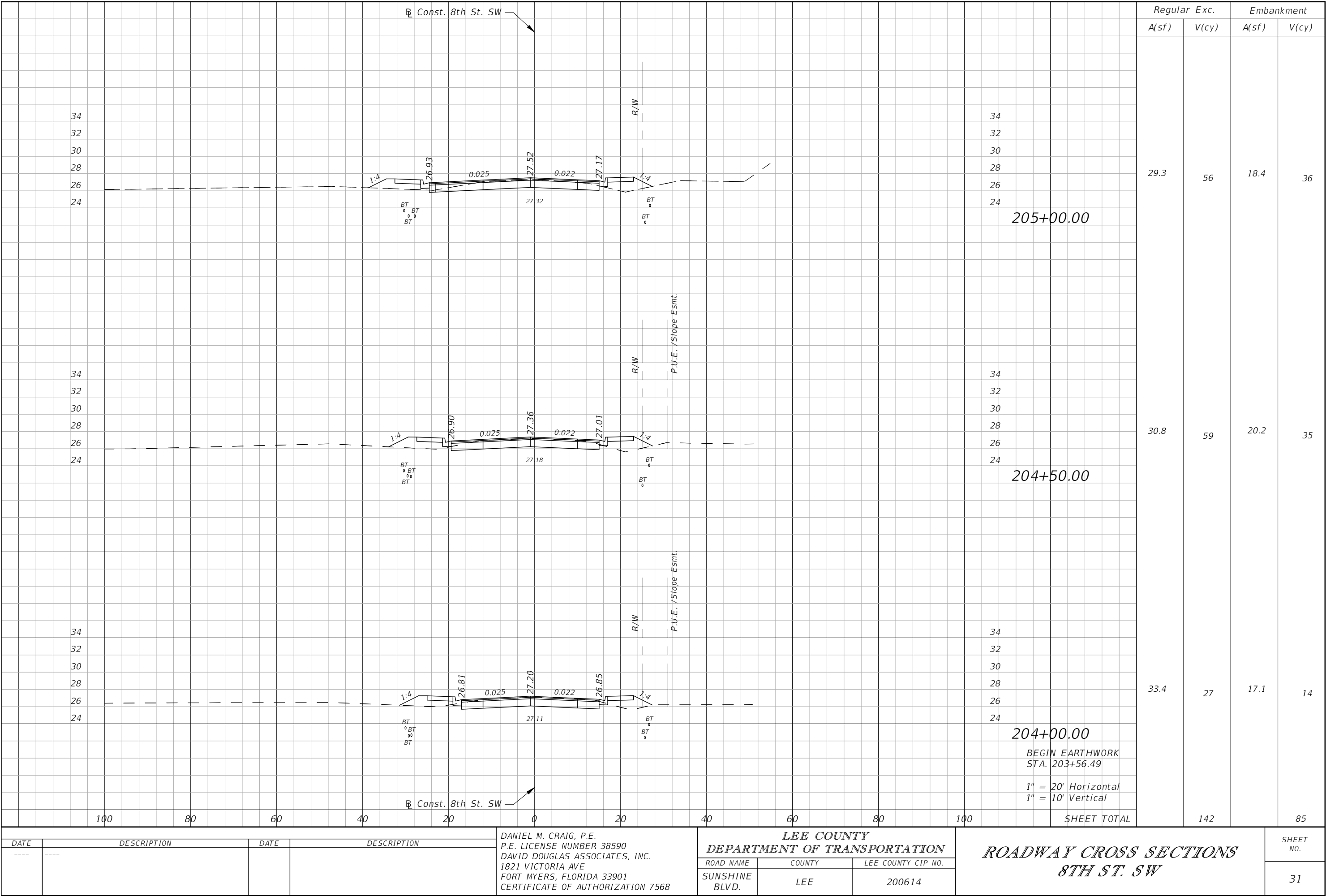


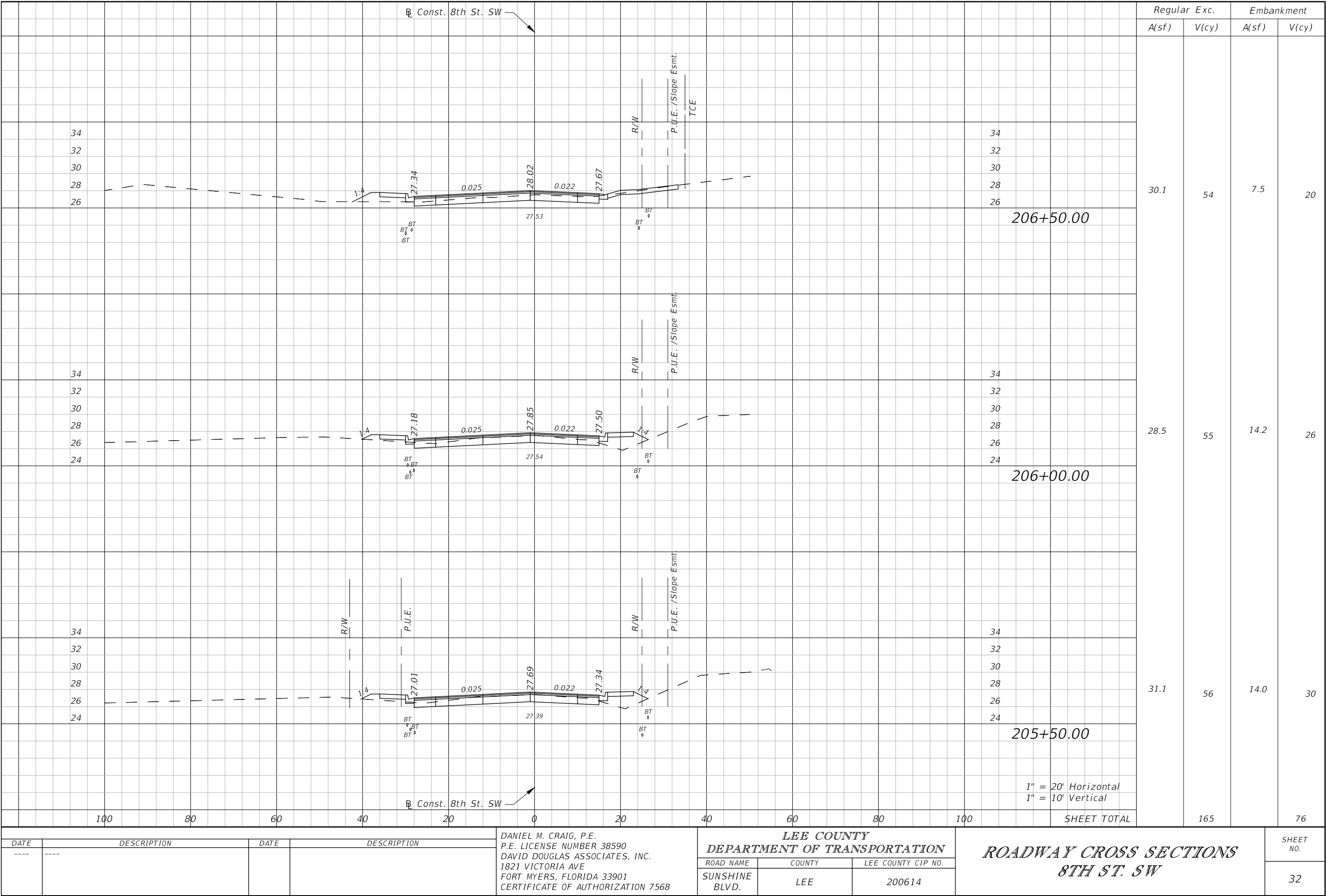


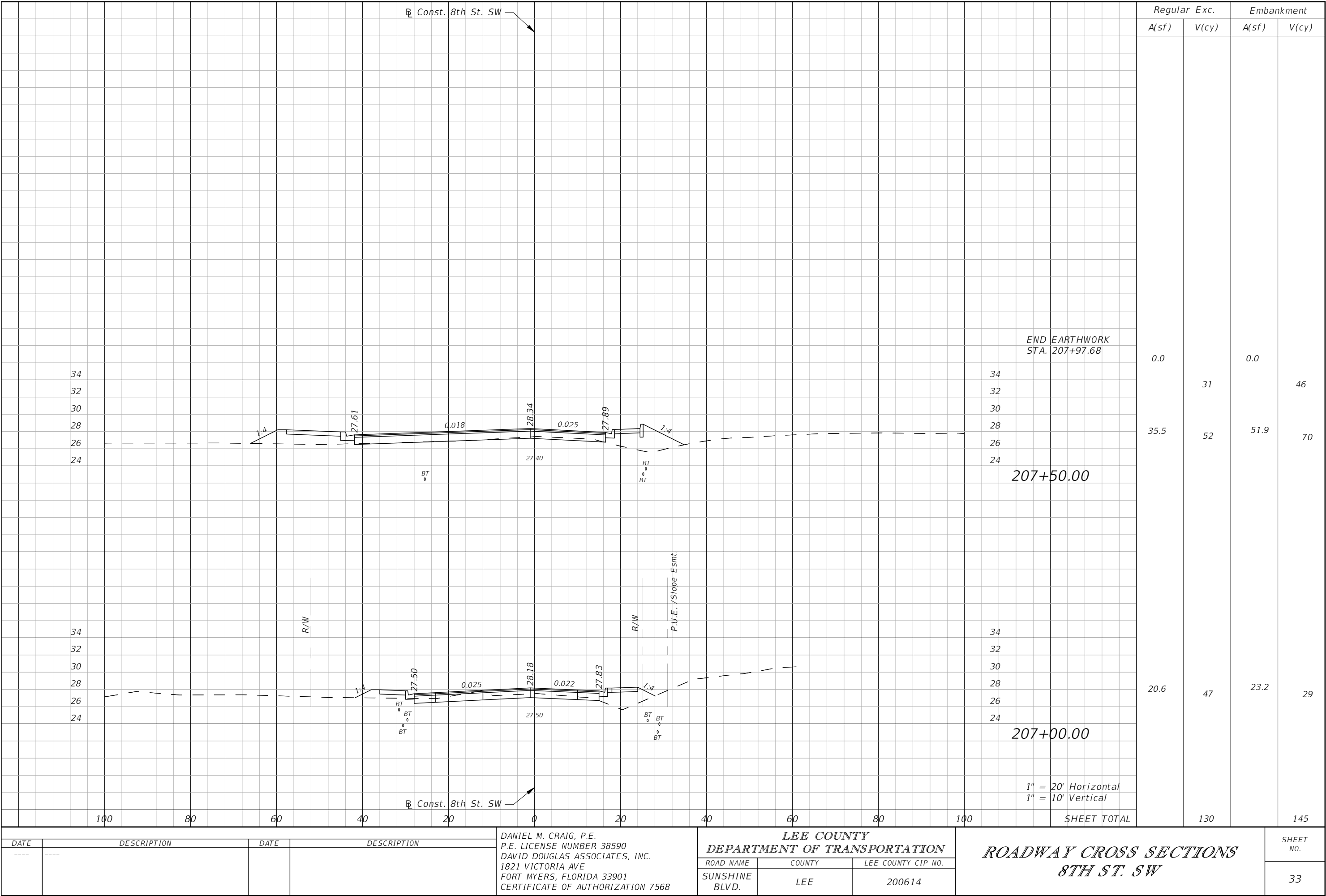












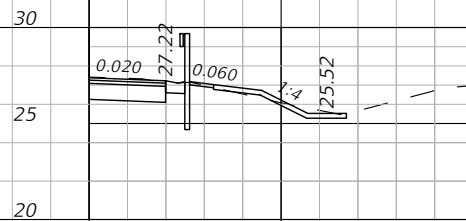
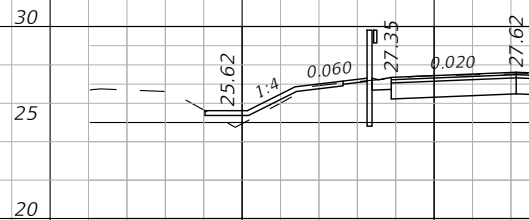
DATE	DESCRIPTION	DATE	DESCRIPTION
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DANIEL M. CRAIG, P.E.
P.E. LICENSE NUMBER 38590
DAVID DOUGLAS ASSOCIATES, INC.
1821 VICTORIA AVE
FORT MYERS, FLORIDA 33901
CERTIFICATE OF AUTHORIZATION 7568

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NAME	COUNTY	LEE COUNTY CIP NO.
SUNSHINE BLVD.	LEE	200614

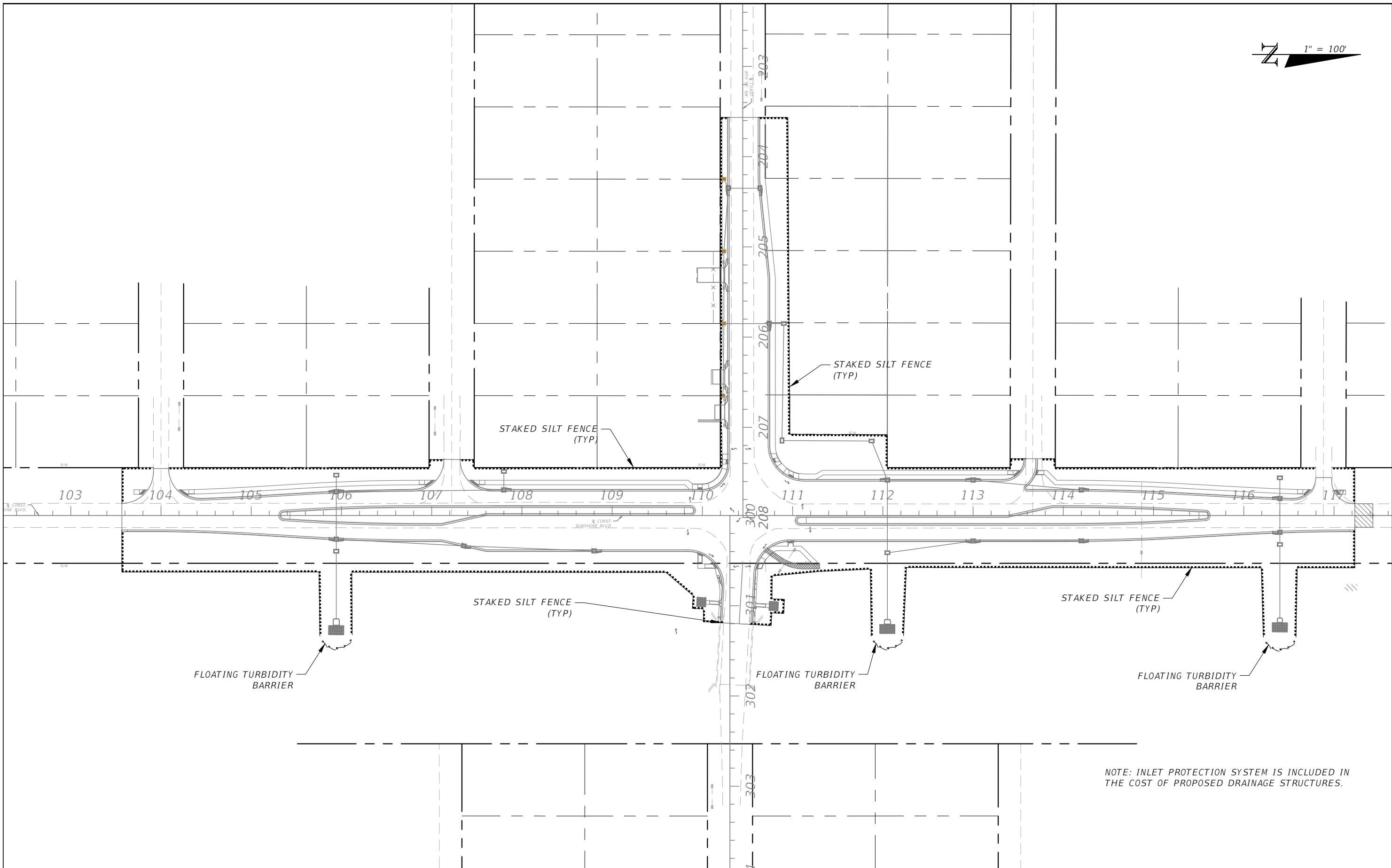
ROADWAY CROSS SECTIONS 8TH ST. SW	

SHEET NO.
33

 $300+97.73$ 
$$300 + 97.73$$

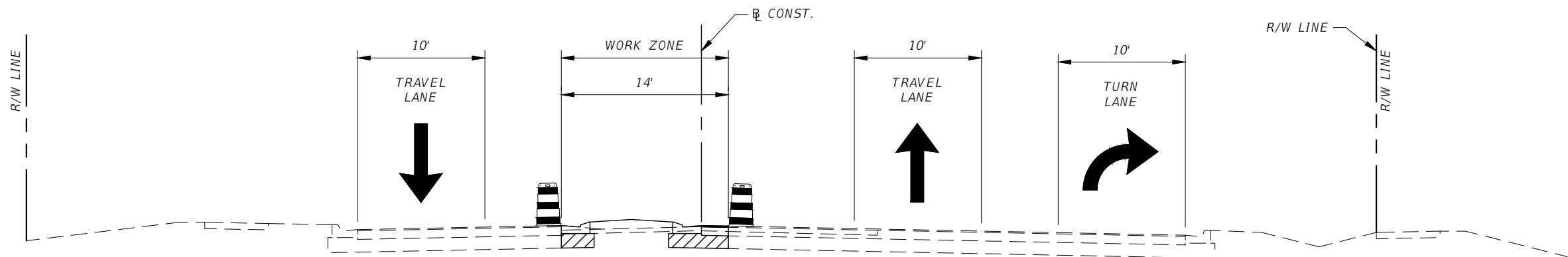
Const. 8th St. SW 

Beata Kobeszko 11/7/2019 1:36:33 PM H:\18-0047 LCS LC-Sunshine & 8th St SW\CADD\DWG\18004700000\Roadway\RD\SRD14.dwg

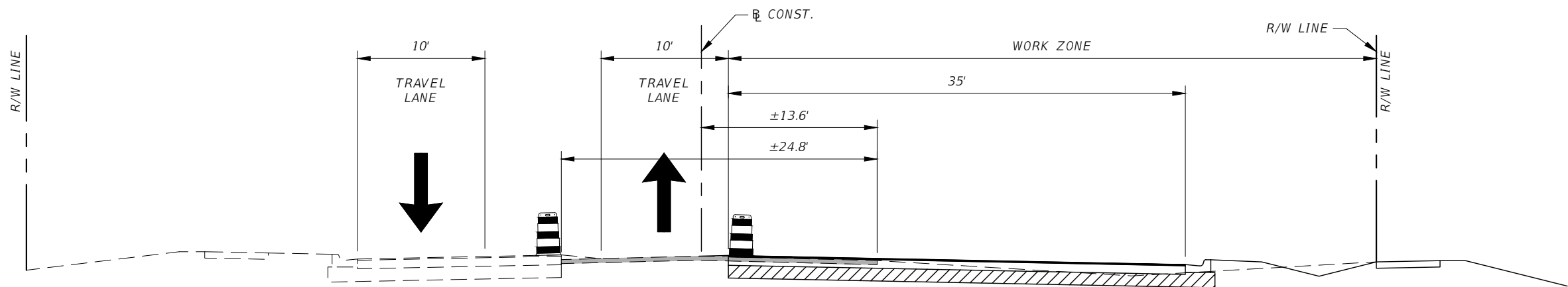


REVISIONS				DANIEL M. CRAIG, P.E. P.E. LICENSE NUMBER 38590 DAVID DOUGLAS ASSOCIATES, INC. 1821 VICTORIA AVE FORT MYERS, FLORIDA 33901 CERTIFICATE OF AUTHORIZATION 7568	LEE COUNTY DEPARTMENT OF TRANSPORTATION			EROSION CONTROL PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	LEE COUNTY CIP NO.		
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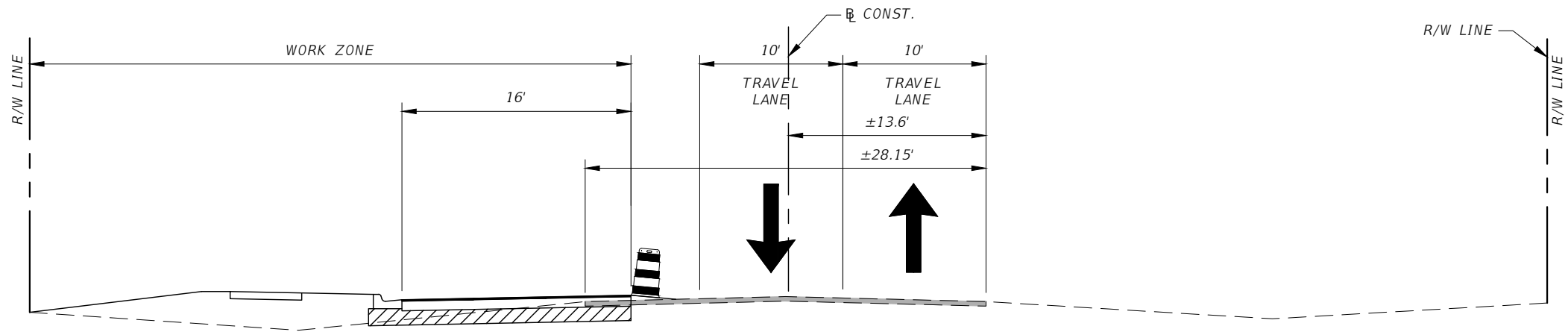
PROJECT TRAFFIC CONTROL REQUIREMENTS:				SUNSHINE BLVD. PHASING NOTES			8th St SW PHASING NOTES (WEST SIDE OF SUNSHINE BLVD.) (CONT.)		
THE CONTRACTOR IS HEREBY ADVISED THE FOLLOWING NOTES, SKETCHES AND DIAGRAMS ARE INTENDED AS ONLY GUIDELINES FOR THE CONTRACTOR'S TRAFFIC CONTROL PLAN. THE INFORMATION PRESENTED IS NOT TO BE CONSIDERED A COMPLETE AND DETAILED TRAFFIC CONTROL PLAN. THE CONTRACTOR SHALL PROVIDE THE LABOR, EQUIPMENT AND MATERIAL NECESSARY TO PROVIDE AND IMPLEMENT A COMPLETE TRAFFIC CONTROL PLAN PER THE GUIDELINES AND STANDARDS NOTED TO FACILITATE THE CONSTRUCTION OF THE PROJECT.				PHASE I			2. PLACE FRICTION COURSE ON ROADWAY.		
THE CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL BE SIGNED & SEALED BY AN ENGINEER REGISTERED IN THE STATE OF FLORIDA WITH ADVANCED MOT CERTIFICATION. THE TRAFFIC CONTROL PLAN SHALL BE APPROVED BY LCDOT PRIOR TO CONSTRUCTION. ALL COSTS ASSOCIATED WITH THE TRAFFIC CONTROL PLAN, INCLUDING PREPARATION OF THE PLAN SHALL BE INCLUDED WITH THE LUMP SUM MAINTENANCE OF TRAFFIC PAY ITEM.				1. PRIOR TO SETUP OF FULL PHASE I WORK ZONE ON SUNSHINE BLVD., USE FDOT STANDARD PLANS 102 AND ESTABLISH WORK ZONE FROM STA.103+56.66 TO STA.117+23.01.			PHASE IV		
				2. PLACE ADVANCE WARNING SIGNS AND ESTABLISH PHASE I WORK ZONE.			1. PLACE THERMOPLASTIC FINAL PAVEMENT MARKINGS IN THE FINAL LOCATION PER THE SIGNING AND PAVEMENT MARKINGS PLANS.		
				3. MAINTAIN TWO-LANE/TWO-WAY TRAFFIC ON THE EXISTING SUNSHINE BLVD.WHILE CONSTRUCTING WEST SIDE OF ROADWAY ON THE NORTH SIDE OF 8TH ST. AND EAST SIDE OF ROADWAY ON THE SOUTH SIDE OF 8TH ST. MAINTAIN ACCESS TO ALL SIDE STREETS.			2. REMOVE ANY REMAINING TRAFFIC CONTROL DEVICES.		
				4. PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) FOR TWO-LANE/TWO-WAY TRAFFIC ON SUNSHINE BLVD. FOR PHASE II.			8th St SW PHASING NOTES (EAST SIDE OF SUNSHINE BLVD.)		
GENERAL NOTES				PHASE II			OPTION 1		
1. THE CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE 2018-19 FDOT STANDARD PLANS (102-600 SERIES), AND THE 2018 FDOT STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION.				1. ADJUST ADVANCE WARNING SIGNS AS NECESSARY AND ESTABLISH PHASE II WORK ZONE.			PHASE I		
2. REGULATORY SPEED ESTABLISHED DURING CONSTRUCTION FOR SUNSHINE BLVD. AND FOR 8 ST. SW SHALL BE 35 M.P.H.				2. SHIFT SOUTHBOUND TRAFFIC FROM THE EXISTING SUNSHINE BLVD. ROADWAY ONTO THE NEWLY CONSTRUCTED ROADWAY AND RELOCATE NORTHBOUND TRAFFIC TO THE EXISTING SOUTHBOUND SUNSHINE BLVD. ROADWAY.			1. PRIOR TO SETUP OF FULL PHASE I WORK ZONE ON 8 ST. SW., USE FDOT STANDARD PLANS 102 AND ESTABLISH WORK ZONE FROM STA.300+53.00 TO STA.301+19.42.		
3. ARROWS IN THE TRAFFIC CONTROL PLANS DENOTE DIRECTION OF TRAFFIC ONLY AND DO NOT REFLECT PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.				3. CONSTRUCT EAST SIDE OF ROADWAY ON THE NORTHBOUND SIDE AND THE WEST SIDE OF ROADAY ON THE SOUTHBOUND SIDE. MAINTAIN ACCESS TO ALL SIDE STREETS.			2. PLACE ADVANCE WARNING SIGNS AND ESTABLISH PHASE I WORK ZONE.		
4. LOCATIONS OF ADVANCE WARNING AND OTHER RELATED CONSTRUCTION SIGNS SHALL BE POSITIONED APPROPRIATELY CONSIDERING THE EXISTING FIELD CONDITIONS.				4. PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) FOR PHASE III.			3. PLACE TEMPORARY PAVEMENT MARKINGS TO ESTABLISH TRAFFIC FLOW ALONG EXISTING NORTHERN SIDE OF 8TH ST SW.		
5. THE CONTRACTOR SHALL COORDINATE ALL SEASONAL, WEEKEND AND SPECIAL EVENTS AS THEY OCCUR. DURING GOVERNMENT CELEBRATED HOLIDAYS, HURRICANE OR OTHER CATASTROPHIC EVENTS, NO LANE CLOSURES ARE ALLOWED. ALL OTHER LANES MUST BE OPEN FOR TRAFFIC DURING AN EVACUATION NOTICE OF A HURRICANE OR OTHER CATASTROPHIC EVENT AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT AS DIRECTED BY THE COUNTY.				PHASE III			4. MAINTAIN ONE-LANE/TWO-WAY TRAFFIC ON THE EXISTING 8TH ST SW ROADWAY WITH FLAGGER DURING CONSTRUCTION OPERATIONS. OPEN BACK TO TWO WAY TRAFFIC DURING ALL OTHER TIMES.		
6. THE CONTRACTOR IS TO MAINTAIN SAFE ACCESS FOR PEDESTRIANS, PEDESTRIAN CROSSWALKS, BICYCLISTS, AND BUS OPERATIONS DURING CONSTRUCTION, UNLESS OTHERWISE NOTED. IF CLOSURES ARE NECESSARY, THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE COUNTY TO DO SO. IF APPROVAL IS GRANTED THE CONTRACTOR SHALL SIGN APPROPRIATELY USING THE APPROPRIATE FDOT STANDARD INDEXES.				1. ADJUST ADVANCE WARNING SIGNS AS NECESSARY AND ESTABLISH PHASE III WORK ZONE.			5. PLACE TEMPORARY PAVEMENT MARKINGS FOR ONE-LANE/TWO-WAY TRAFFIC ON 8TH ST SW FOR PHASE II.		
7. THE CONTRACTOR SHALL MAINTAIN SAFE VEHICULAR ACCESS TO ALL ADJACENT PROPERTY AT ALL TIMES. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ON ANY TEMPORARY CLOSING OF ACCESS PRIOR TO CONSTRUCTION. EXISTING STOP SIGNS SHALL BE UTILIZED IN ALL PHASES AND RELOCATED AS REQUIRED.				2. SHIFT NORTHBOUND TRAFFIC TO THE NEWLY CONSTRUCTED ROADWAY, INCLUDING RIGHT TURN LANES.			PHASE II		
8. TRAFFIC DISRUPTIONS WHICH ARE NOT SHOWN BY THE TRAFFIC CONTROL PLAN, BUT WHICH ARE NECESSARY TO CONSTRUCT THE PROJECT, SHALL BE SUBMITTED IN WRITING TO THE COUNTY AND APPROVAL SHALL BE OBTAINED 72 HOURS PRIOR TO COMMENCEMENT OF WORK. SUBMITTAL MATERIAL SHALL INCLUDE SKETCHES, CALCULATIONS AND OTHER DATA AS REQUIRED BY THE COUNTY.				3. CONSTRUCT MEDIAN WORK ALONG WITH REMAINING ROADWAY.			1. ADJUST ADVANCE WARNING SIGNS AS NECESSARY AND ESTABLISH PHASE II WORK ZONE.		
9. THE CONTRACTOR SHALL PROVIDE A CREW, ON CALL 24 HOURS PER DAY, TO BE RESPONSIBLE TO ERECT, INSTALL, CONSTRUCT, RELOCATE, MAINTAIN AND REMOVE ALL TRAFFIC CONTROL SIGNING, PAVEMENT MARKING, BARRIERS, BARRICADES AND OTHER DEVICES AS NECESSARY THROUGHOUT THE PROJECT AREA. SAID CREW SHALL RESPOND WITHIN 2 HOURS OF NOTIFICATION BY THE COUNTY.				PHASE IV			2. SHIFT TRAFFIC TO THE NEWLY CONSTRUCTED ROADWAY.		
10. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE THROUGHOUT CONSTRUCTION SO AS NOT TO ALLOW THE ACCUMULATION OF WATER ON THE TRAVEL WAY. THIS INCLUDES MAINTAINING THE TEMPORARY AND PERMANENT DRAINAGE FACILITIES.				1. PLACE FRICTION COURSE ON ROADWAY.			3. CONSTRUCT NORTH SIDE OF ROADWAY IMPROVEMENTS. REFER TO NOTE 4 IN PHASE I.		
11. UTILITY/DRAINAGE RELOCATIONS INCLUDED WITHIN THE PROJECT LIMITS SHALL BE SPECIFICALLY PHASED INTO THIS TRAFFIC CONTROL PLAN AND COORDINATED WITH THE APPROPRIATE COMPANIES.				2. PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) IN THE FINAL LOCATION PER THE SIGNING AND PAVEMENT MARKING PLANS.			PHASE III		
12. THE CONTRACTOR SHALL PROVIDE 4 MESSAGE BOARDS TO BE LOCATED ON EACH DIRECTION OF TRAFFIC 4 WEEKS PRIOR TO CONSTRUCTION. CONTRACTOR TO COORDINATE WITH LCDOT FOR SPECIFIC REQUIREMENTS.				PHASE V			1. PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) IN THE FINAL LOCATION PER THE SIGNING AND PAVEMENT MARKING PLANS.		
13. DAY TIME LANE CLOSURES SHALL NOT OCCUR ON EITHER ROADWAY. AUTHORIZATION, WHICH MAY OR MAY NOT BE GRANTED, FROM LEE COUNTY WILL BE REQUIRED FOR LANE CLOSURES.				1. PLACE THERMOPLASTIC FINAL PAVEMENT MARKINGS IN THE FINAL LOCATION PER THE SIGNING AND PAVEMENT MARKING PLANS.			2. PLACE FRICTION COURSE ON ROADWAY.		
14. ANY ROAD CLOSURES SHALL BE COORDINATED AHEAD OF TIME WITH LCDOT, LEE COUNTY EMS AND FIRE DEPT. AT 239-337-2000, SHERIFF OFFICE AT 239-477-1202 OR 239-477-1341.				2. REMOVE ANY REMAINING TRAFFIC CONTROL DEVICES.			PHASE IV		
				8th St SW PHASING NOTES (WEST SIDE OF SUNSHINE BLVD.)			1. PLACE THERMOPLASTIC FINAL PAVEMENT MARKINGS IN THE FINAL LOCATION PER THE SIGNING AND PAVEMENT MARKINGS PLANS.		
				PHASE I			2. REMOVE ANY REMAINING TRAFFIC CONTROL DEVICES.		
				1. PRIOR TO SETUP OF FULL PHASE I WORK ZONE ON 8 ST. SW., USE FDOT STANDARD PLANS 102 AND ESTABLISH WORK ZONE FROM STA.203+56.49 TO STA.207+44.68.			OPTION 2		
				2. PLACE ADVANCE WARNING SIGNS AND ESTABLISH PHASE I WORK ZONE.			PHASE I		
				3. PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) TO ESTABLISH TRAFFIC FLOW ALONG EXISTING SOUTHERN SIDE OF 8TH ST SW.			1. PRIOR TO SETUP OF FULL PHASE I WORK ZONE ON 8 ST. SW., USE FDOT STANDARD PLANS 102 AND ESTABLISH WORK ZONE FROM STA.300+53.00 TO STA.301+19.42, AND TEMPORARY DETOUR. CONTRACTOR TO PROVIDE MOT PLAN ALONG THE ROUTE INDICATED.		
				4. MAINTAIN TWO-LANE/TWO-WAY TRAFFIC ON THE EXISTING 8TH ST SW ROADWAY.			2. PLACE ADVANCE WARNING SIGNS AND ESTABLISH PHASE I WORK ZONE.		
				5. PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) FOR TWO-LANE/TWO-WAY TRAFFIC ON 8TH ST SW FOR PHASE II.			3. CLOSE EAST LEG FROM FRIDAY 6 PM TO MONDAY 6 AM, SUNSHINE TO EAST OF EXISTING BRIDGE.		
				PHASE II			4. CONSTRUCT ROADWAY EAST AND WEST BOUND LANES UP TO INCLUDING STRUCTURAL COURSE.		
				1. ADJUST ADVANCE WARNING SIGNS AS NECESSARY AND ESTABLISH PHASE II WORK ZONE.			5. PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) IN THE FINAL LOCATION PER THE SIGNING AND PAVEMENT MARKING PLANS.		
				2. SHIFT TRAFFIC TO THE NEWLY CONSTRUCTED ROADWAY.			6. REMOVE DETOUR AND OPEN ROADWAY TO TRAFFIC.		
				3. CONSTRUCT SOUTH SIDE OF ROADWAY IMPROVEMENTS.			PHASE II		
				PHASE III			1. PLACE FRICTION COURSE ON ROADWAY.		
				1. PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) IN THE FINAL LOCATION PER THE SIGNING AND PAVEMENT MARKING PLANS.			2. PLACE THERMOPLASTIC FINAL PAVEMENT MARKINGS IN THE FINAL LOCATION PER THE SIGNING AND PAVEMENT MARKINGS PLANS.		
							3. REMOVE ANY REMAINING TRAFFIC CONTROL DEVICES.		



SUNSHINE BLVD.
TRAFFIC CONTROL PHASE III
 NTS



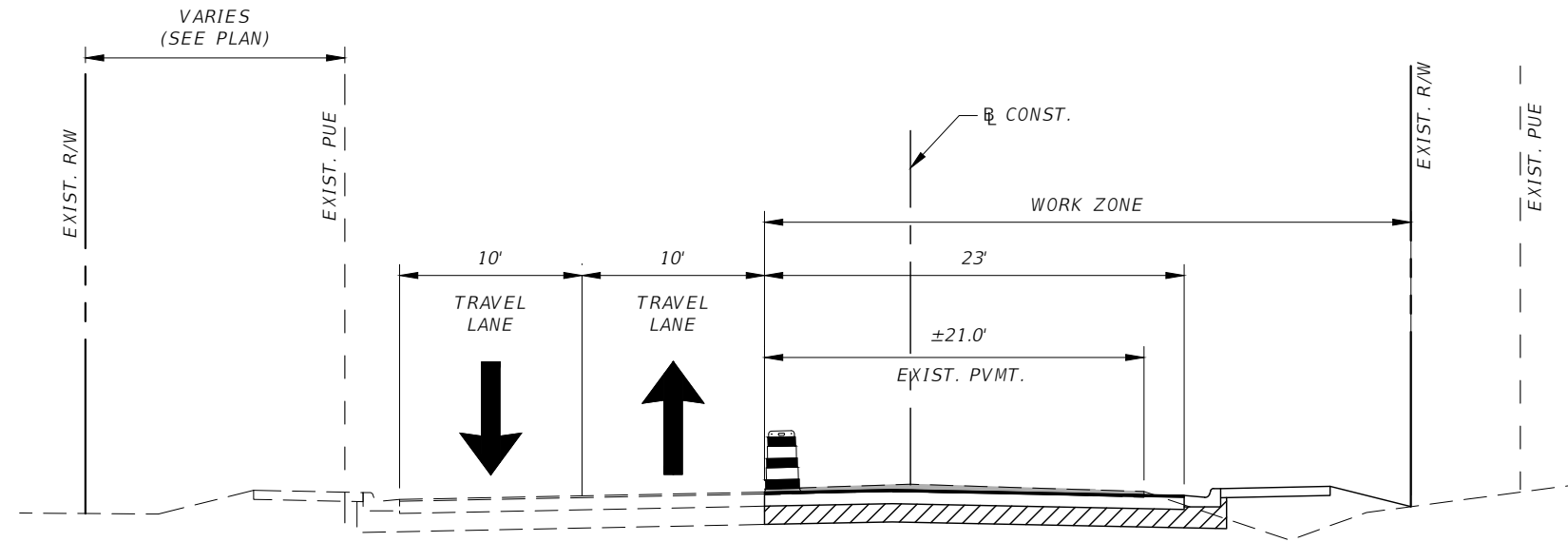
SUNSHINE BLVD.
TRAFFIC CONTROL PHASE II
 NTS



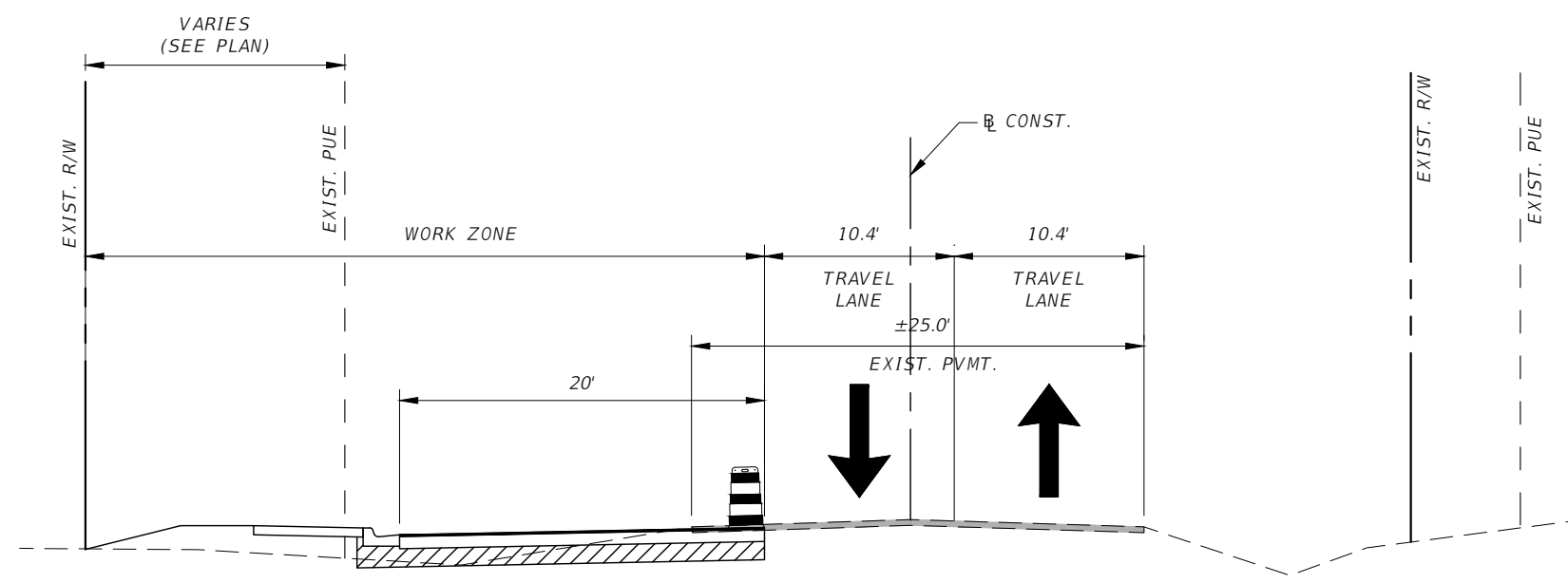
SUNSHINE BLVD.
TRAFFIC CONTROL PHASE I
 NTS

TYPICAL SECTION NOTES:
 1. TYPICAL SECTION FOR SUNSHINE BLVD. IS MIRRORED FROM OUTSIDE CURB LINE TO OUTSIDE CURB LINE BEGINNING AT STA. 110+44.91 TO STA. 117+23.01.

REVISIONS				DANIEL M. CRAIG, P.E. P.E. LICENSE NUMBER 38590 DAVID DOUGLAS ASSOCIATES, INC. 1821 VICTORIA AVE FORT MYERS, FLORIDA 33901 CERTIFICATE OF AUTHORIZATION 7568	LEE COUNTY DEPARTMENT OF TRANSPORTATION			TRAFFIC CONTROL PLAN TYPICAL SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	LEE COUNTY CIP NO.		38
----	-----				SUNSHINE BLVD.	LEE	200614		

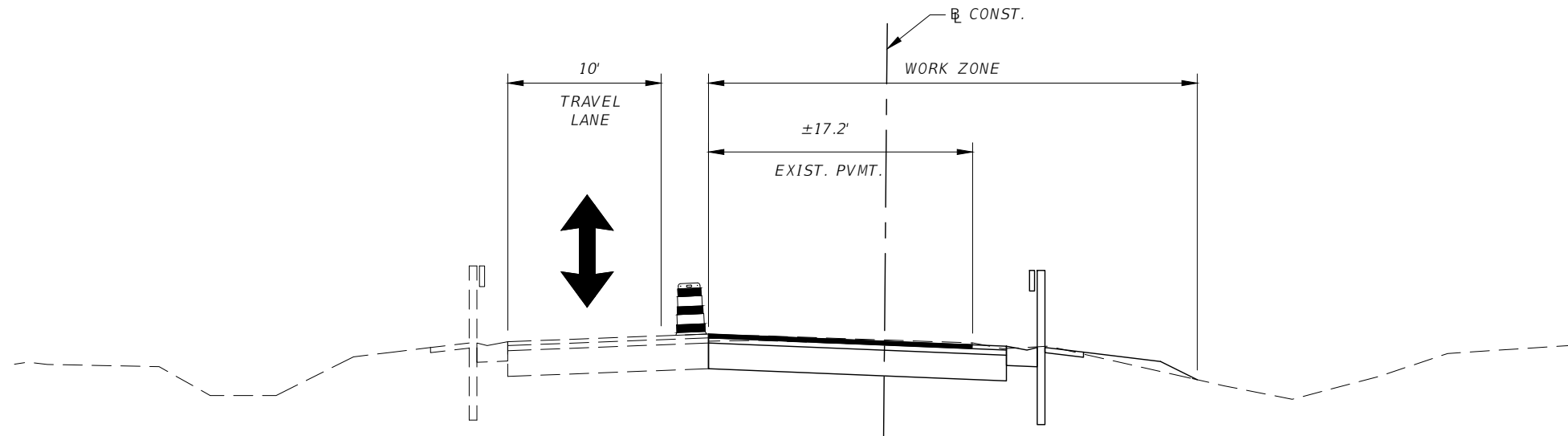


8th St SW (WEST OF SUNSHINE BLVD.)
TRAFFIC CONTROL PHASE II
 NTS

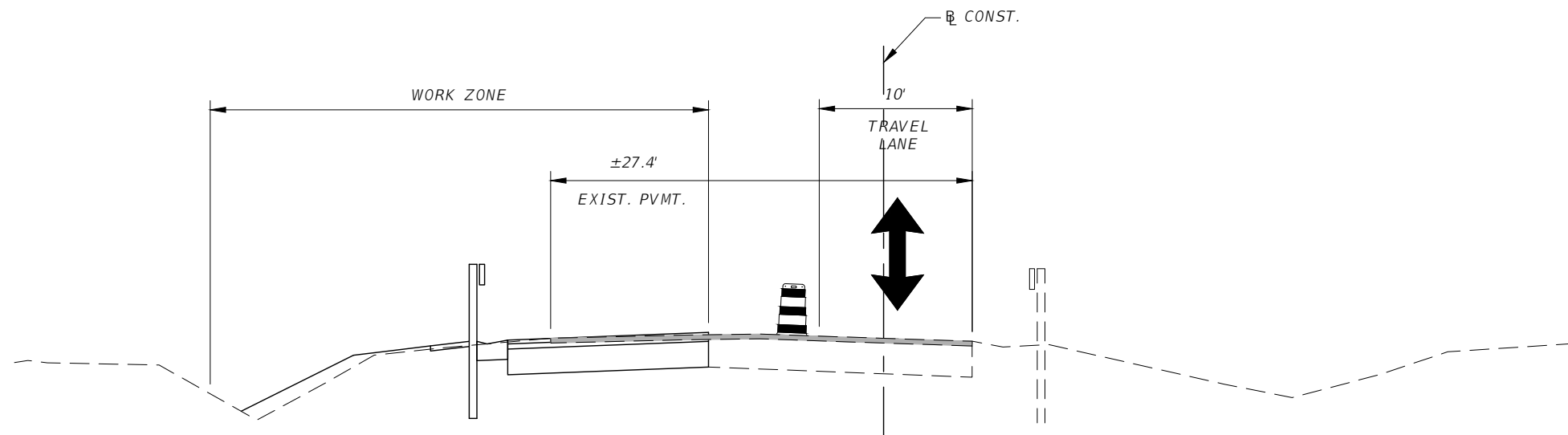


8th St SW (WEST OF SUNSHINE BLVD.)
TRAFFIC CONTROL PHASE I
 NTS

REVISIONS				DANIEL M. CRAIG, P.E. P.E. LICENSE NUMBER 38590 DAVID DOUGLAS ASSOCIATES, INC. 1821 VICTORIA AVE FORT MYERS, FLORIDA 33901 CERTIFICATE OF AUTHORIZATION 7568	LEE COUNTY DEPARTMENT OF TRANSPORTATION			TRAFFIC CONTROL PLAN TYPICAL SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	LEE COUNTY CIP NO.		
----	----				SUNSHINE BLVD.	LEE	200614		
							39		

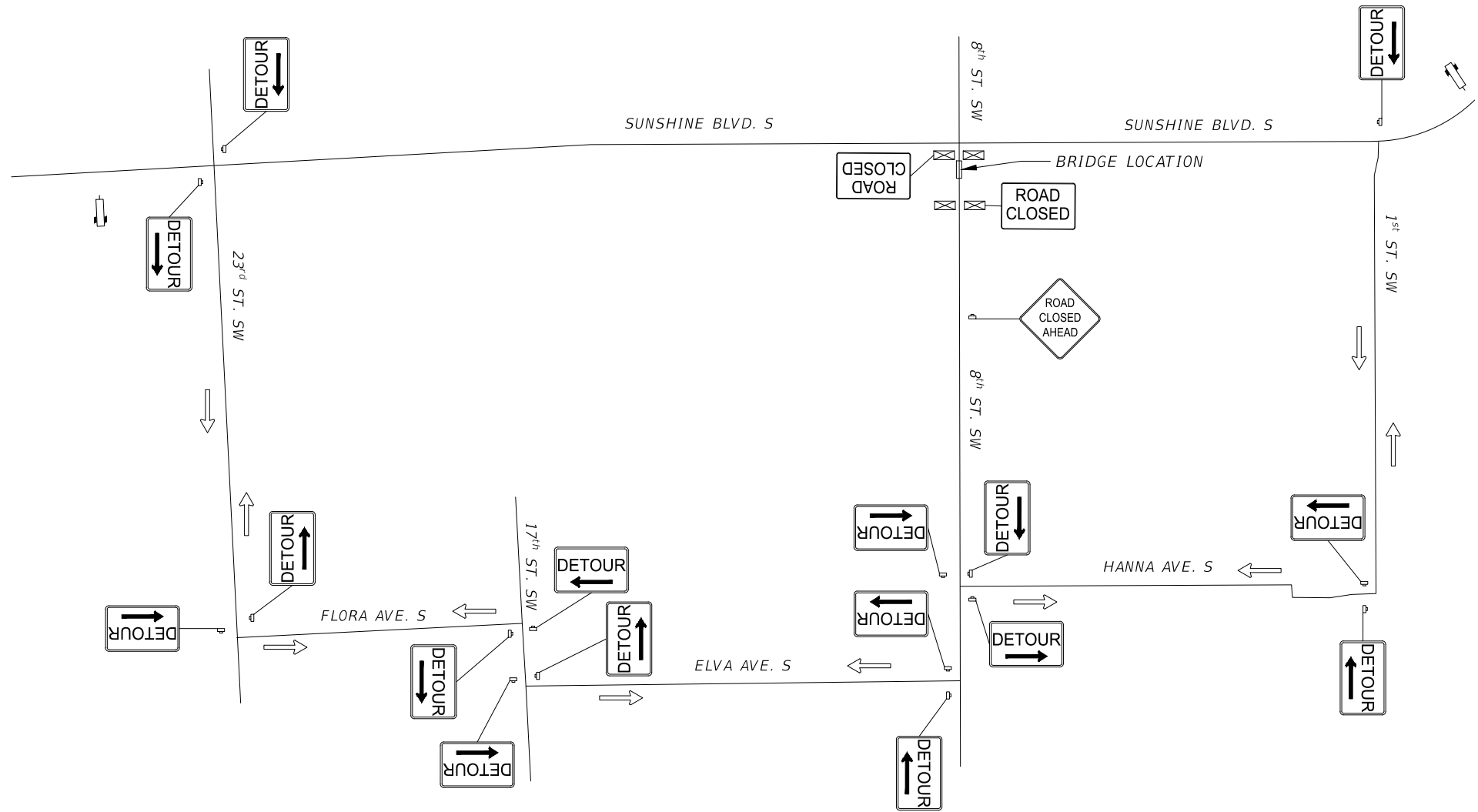


8th St SW (EAST OF SUNSHINE BLVD.)
TRAFFIC CONTROL PHASE II
 NTS



8th St SW (EAST OF SUNSHINE BLVD.)
TRAFFIC CONTROL PHASE I
 NTS

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	LEE COUNTY CIP NO.		
----	----				SUNSHINE BLVD.	LEE	200614		
							39		



MESSAGE 1:
EB 8TH ST. SW
CLOSED
XX TO XX

MESSAGE 2:
EB 8TH ST. SW
CLOSED AHEAD

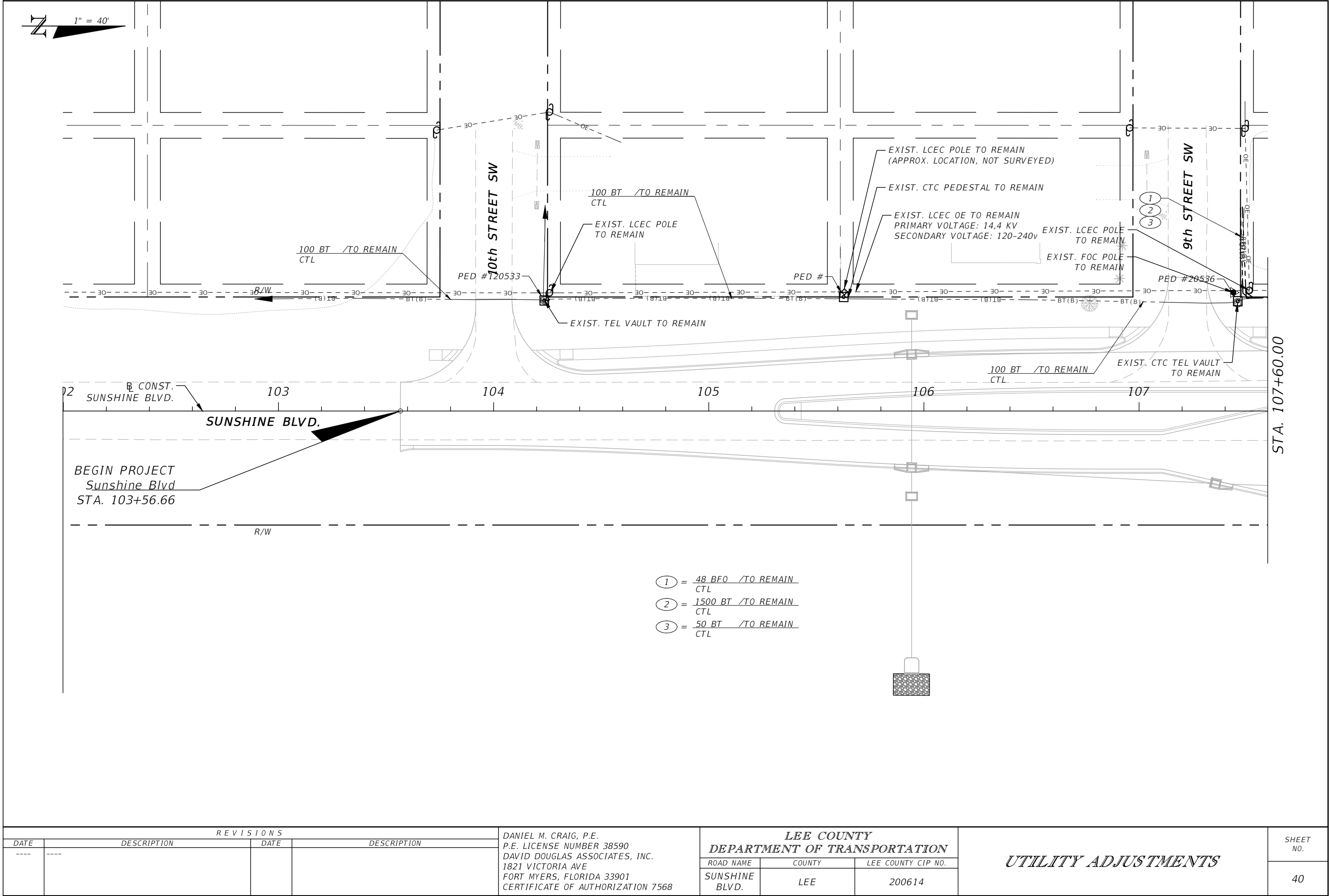
MESSAGE 1 TO BE DISPLAYED 1 WEEK PRIOR TO ACTUAL
CLOSURE AND MESSAGE 2 GOING IN AFFECT.

NOTES:

1. THIS SHEET PROVIDES A SCHEMATIC LAYOUT OF THE TEMPORARY DETOUR. CONTRACTOR TO PROVIDE DETAILED DETOUR WITH SIGNED AND SEALED MOT PLANS.
2. CLOSURE TO BE COORDINATED AHEAD OF TIME WITH LCDOT, LEE COUNTY EMS, FIRE DEPARTMENT AND SHERIFF OFFICE.

-  Portable Changeable
(Variable)
Message Sign
-  Work Zone Sign
-  Type III Barricade

R E V I S I O N S				DANIEL M. CRAIG, P.E. P.E. LICENSE NUMBER 38590 DAVID DOUGLAS ASSOCIATES, INC. 1821 VICTORIA AVE FORT MYERS, FLORIDA 33901 CERTIFICATE OF AUTHORIZATION 7568	LEE COUNTY DEPARTMENT OF TRANSPORTATION			TCP DETOUR FOR TEMPORARY CLOSURE OF 8TH ST. SW	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	LEE COUNTY CIP NO.		
----	----				NICHOLAS PKWY	LEE	200614		

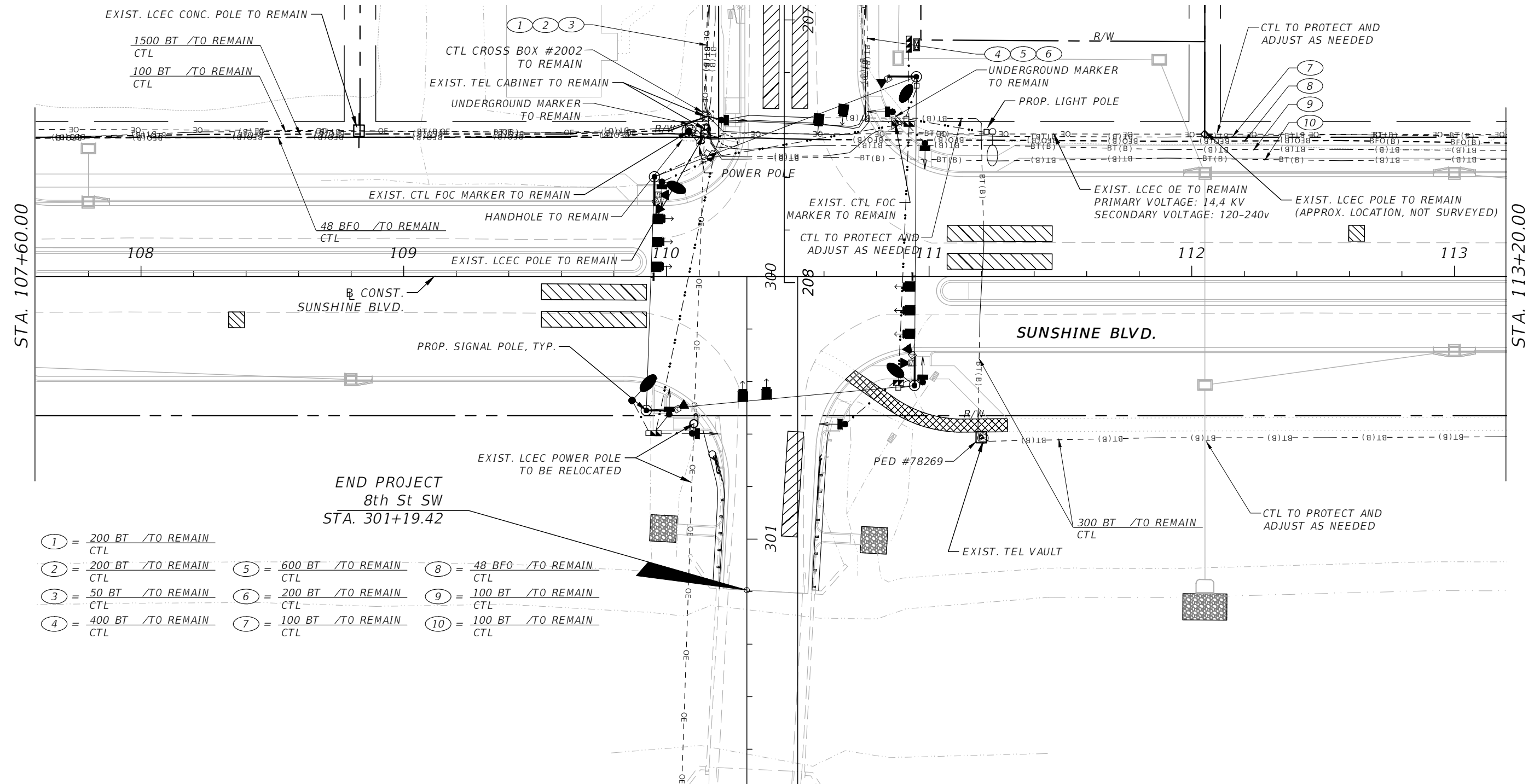
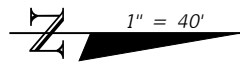


REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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DANIEL M. CRAIG, P.E.
P.E. LICENSE NUMBER 38590
DAVID DOUGLAS ASSOCIATES, INC.
1821 VICTORIA AVE
FORT MYERS, FLORIDA 33901
CERTIFICATE OF AUTHORIZATION 7568

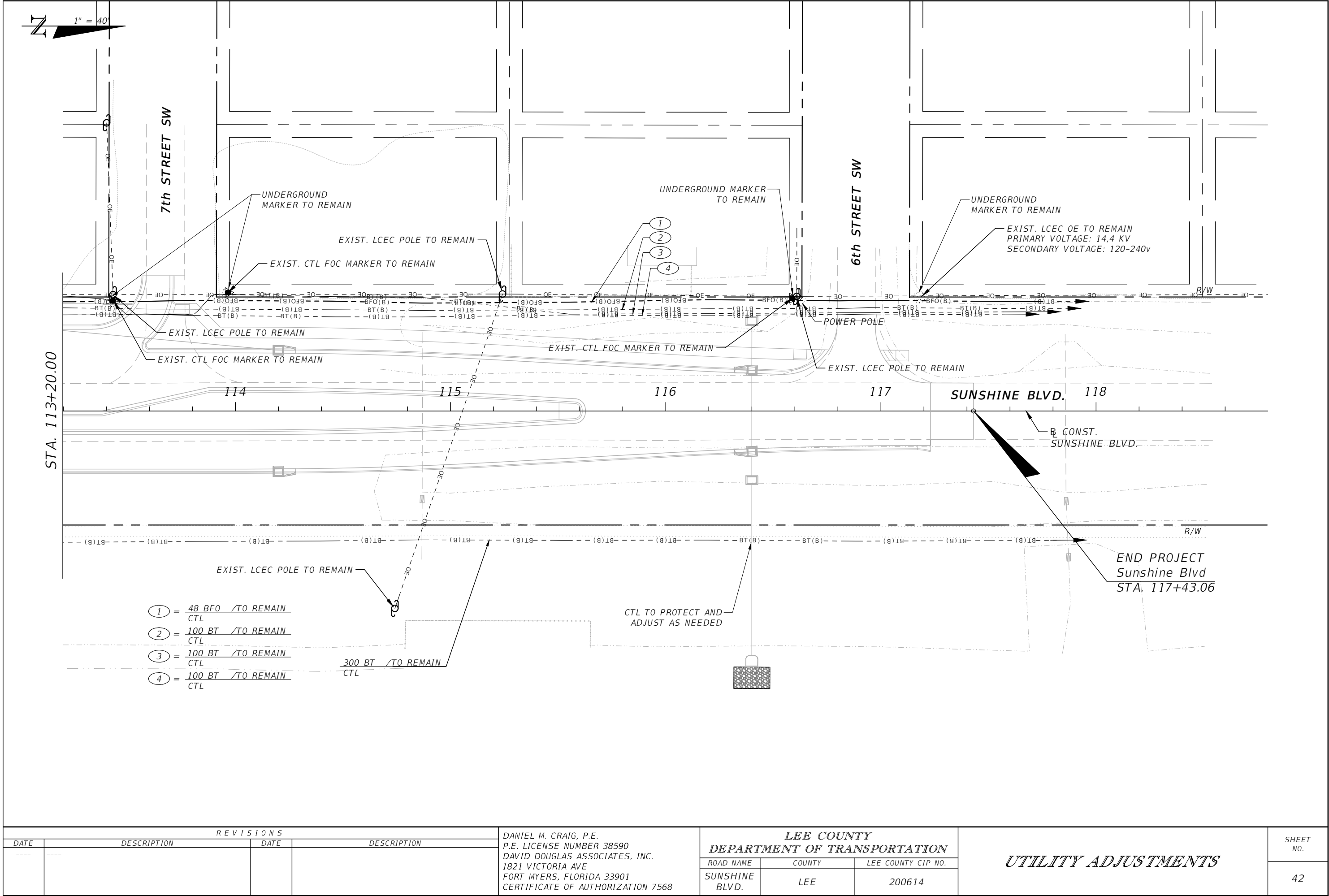
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NAME	COUNTY	LEE COUNTY CIP NO.
SUNSHINE BLVD.	LEE	200614

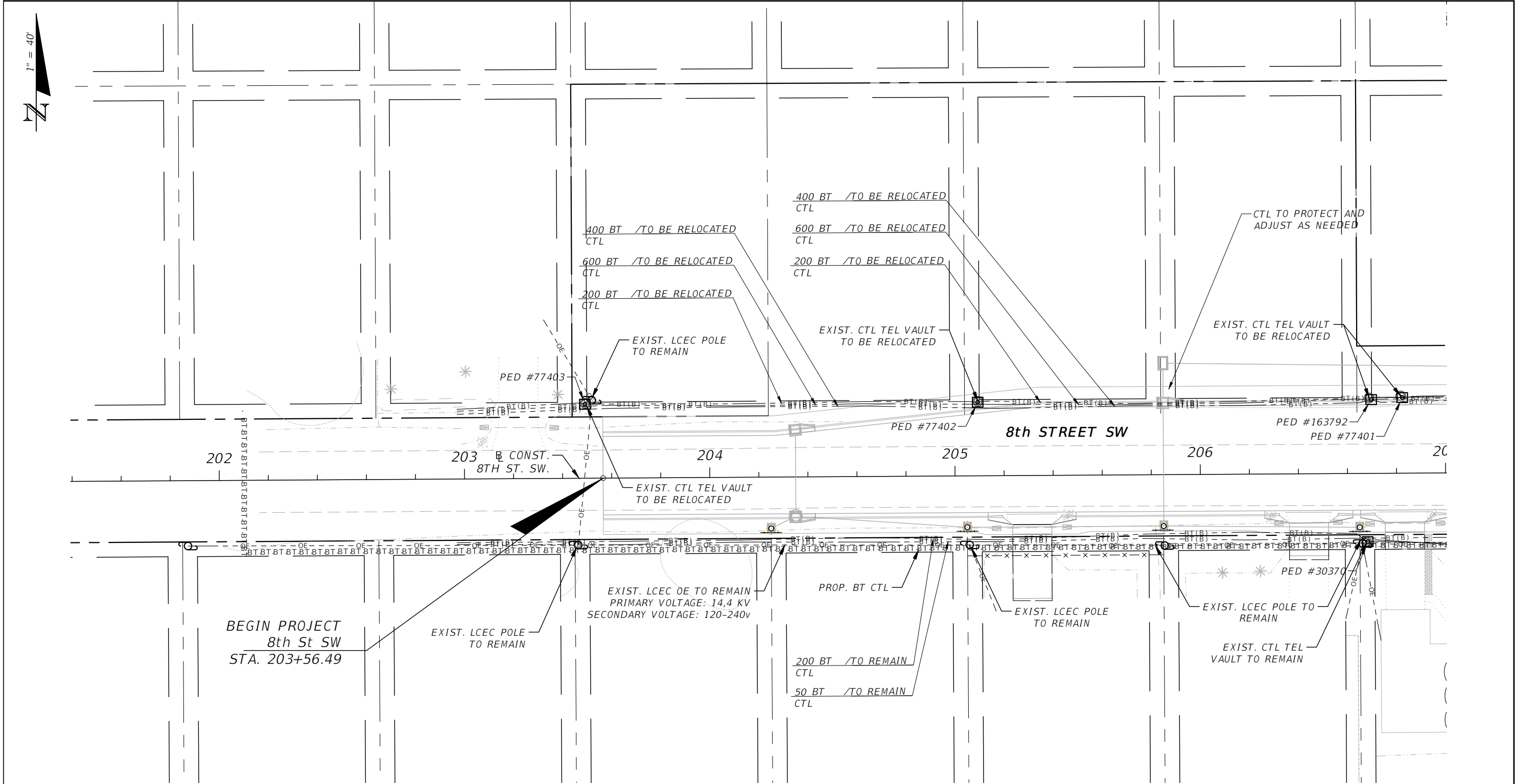
UTILITY ADJUSTMENTS	SHEET NO.
	40



- | | | |
|---------------------------|---------------------------|---------------------------|
| ① = 200 BT /TO REMAIN CTL | ⑤ = 600 BT /TO REMAIN CTL | ⑧ = 48 BFO /TO REMAIN CTL |
| ② = 200 BT /TO REMAIN CTL | ⑥ = 200 BT /TO REMAIN CTL | ⑨ = 100 BT /TO REMAIN CTL |
| ③ = 50 BT /TO REMAIN CTL | ⑦ = 100 BT /TO REMAIN CTL | ⑩ = 100 BT /TO REMAIN CTL |
| ④ = 400 BT /TO REMAIN CTL | | |

REVISIONS				DANIEL M. CRAIG, P.E. P.E. LICENSE NUMBER 38590 DAVID DOUGLAS ASSOCIATES, INC. 1821 VICTORIA AVE FORT MYERS, FLORIDA 33901 CERTIFICATE OF AUTHORIZATION 7568	LEE COUNTY DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS	SHEET NO. 41
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	LEE COUNTY CIP NO.		
					SUNSHINE BLVD.	LEE	200614		





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL M. CRAIG, P.E.
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1821 VICTORIA AVE
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NAME	COUNTY	LEE COUNTY CIP NO.
SUNSHINE BLVD.	LEE	200614

UTILITY ADJUSTMENTS	

SHEET NO.
43

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

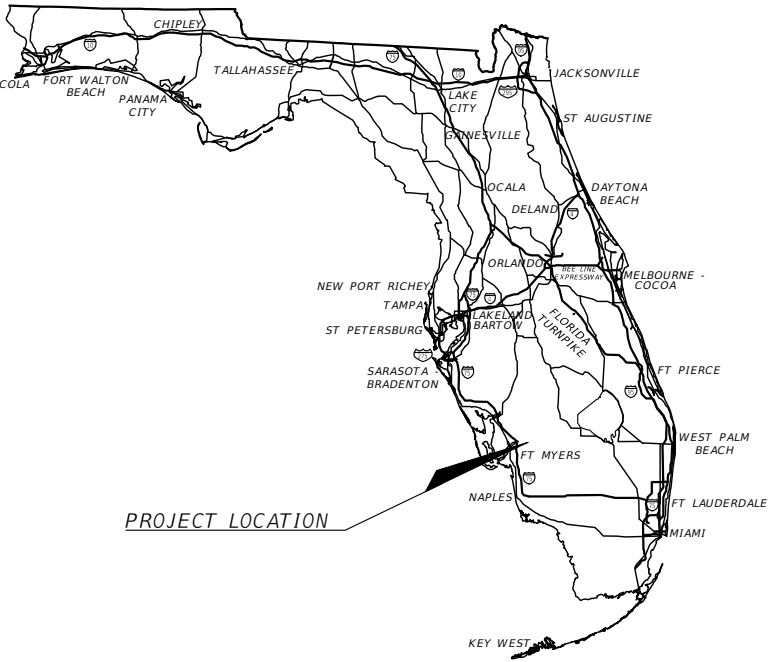
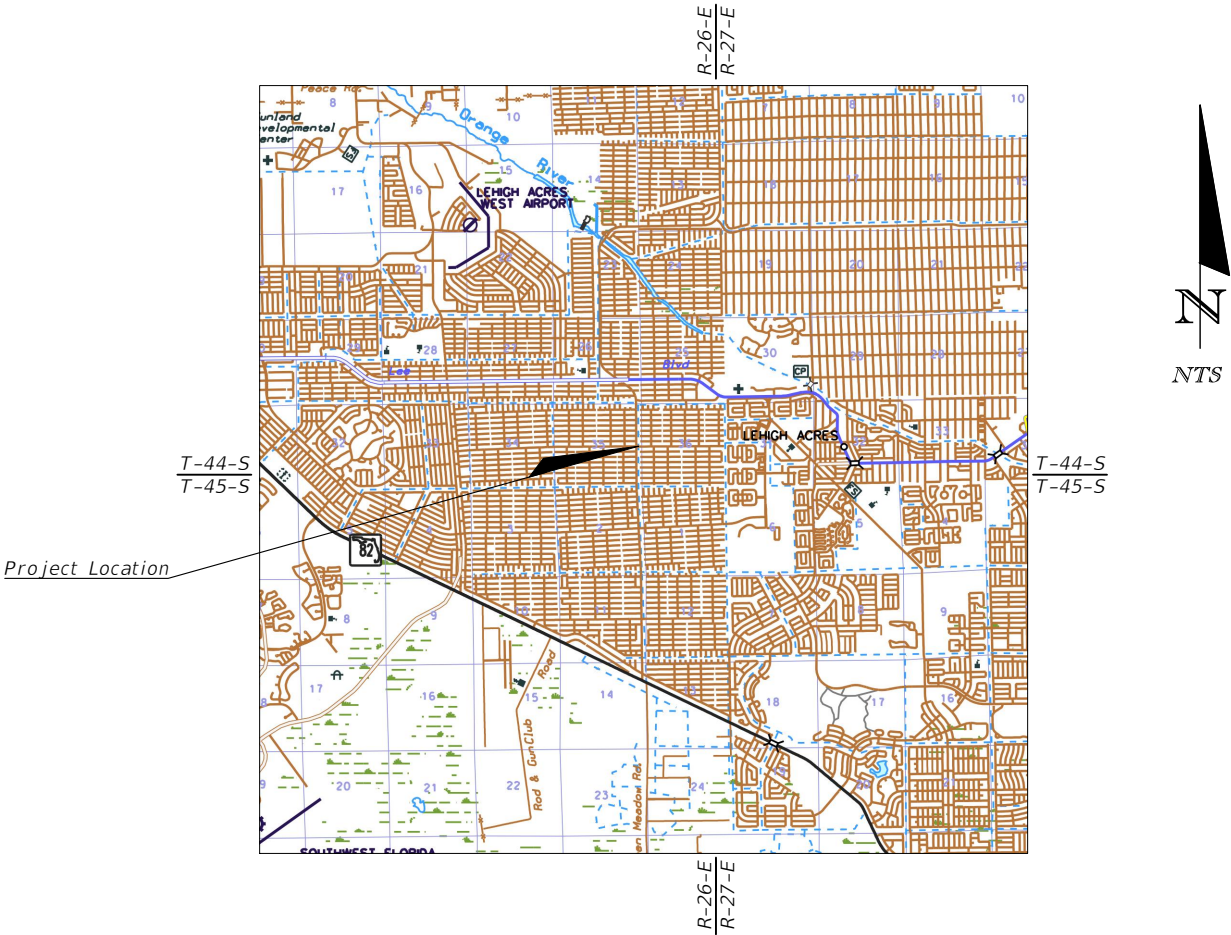
CONTRACT PLANS

LEE COUNTY

INDEX OF SIGNING AND PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2	TABULATION OF QUANTITIES
S-3	GENERAL NOTES AND PAY ITEM NOTES
S-4 - S-7	SIGNING AND PAVEMENT MARKING PLANS

SUNSHINE BLVD & 8TH STREET SW
INTERSECTION
SIGNING AND PAVEMENT MARKING PLANS



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>

APPLICABLE IRs: IR700-120-01

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>

SIGNING AND PAVEMENT MARKING PLANS
ENGINEER OF RECORD:

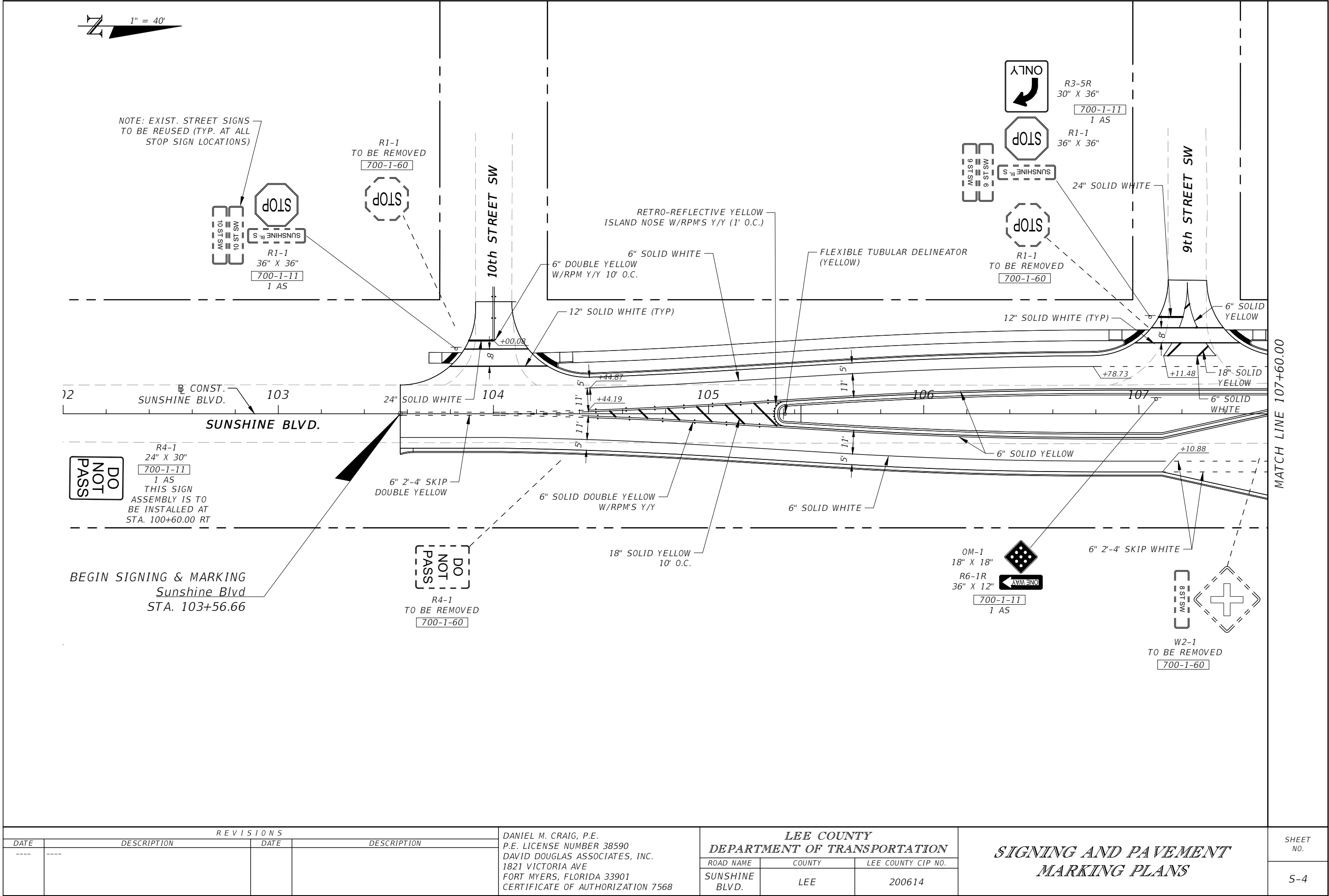
DANIEL M. CRAIG, P.E.
P.E. NO.: 38590
DAVID DOUGLAS ASSOCIATES, INC.
1821 VICTORIA AVE
FORT MYERS, FL 33901
CERTIFICATE OF AUTHORIZATION NO.: 7568

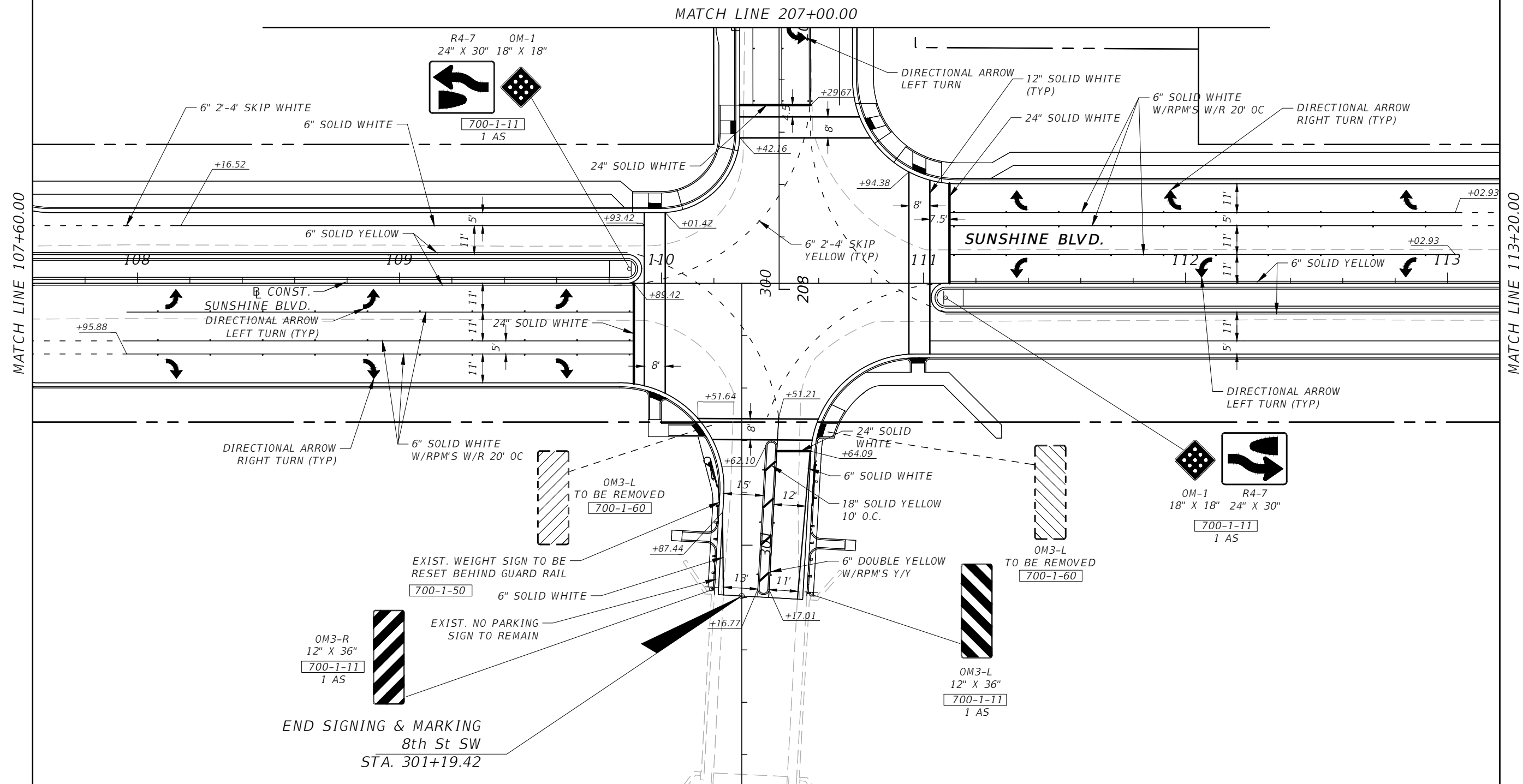
LCDOT PROJECT MANAGER:
ALEJANDRO SLAIBE, P.E.

LEE COUNTY CIP NO.	FISCAL YEAR	SHEET NO.
200614	19	S-1

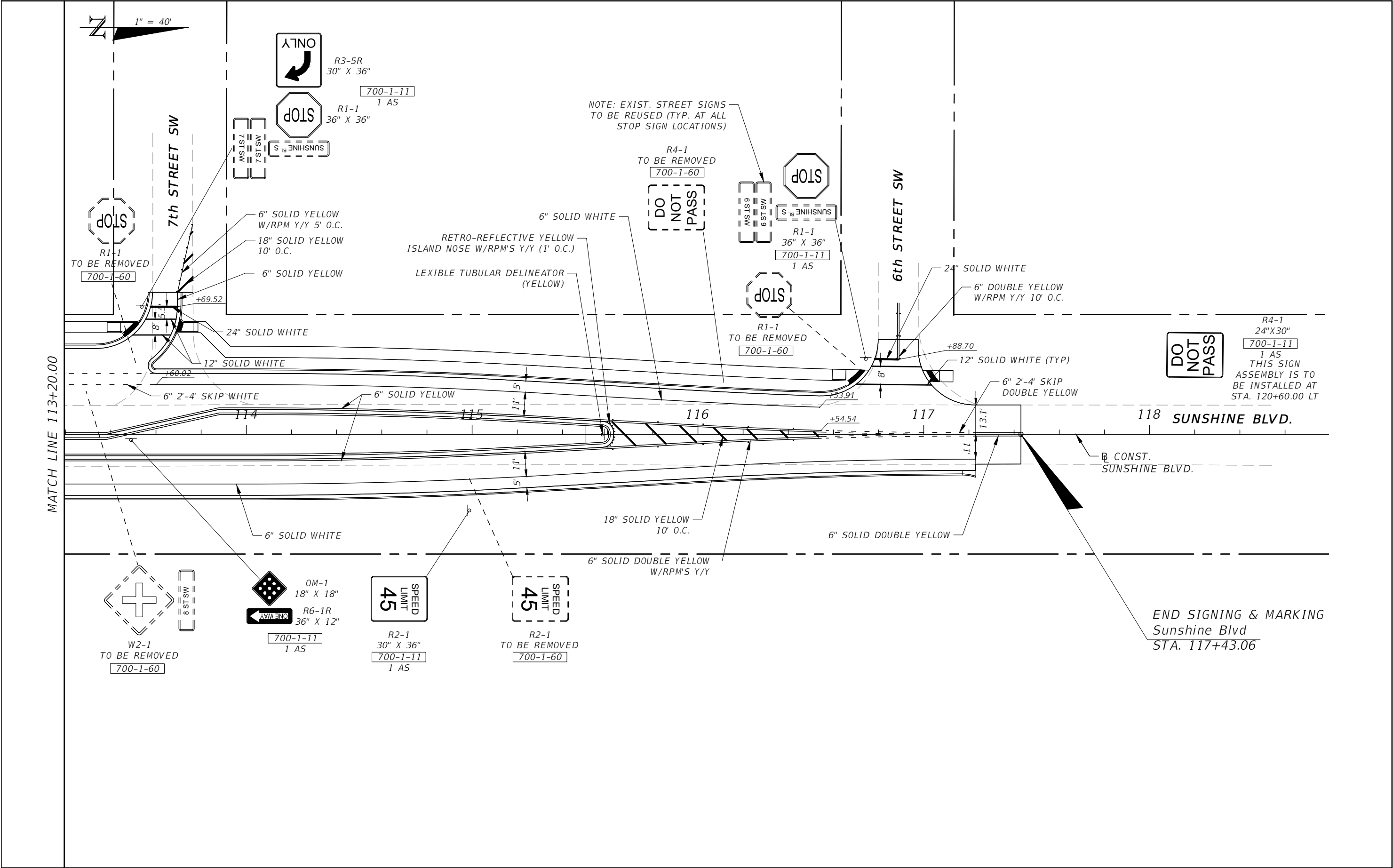
- GENERAL SIGNING AND PAVEMENT MARKING NOTES:
1. EXISTING SIGNS SHALL BE REMOVED UNLESS OTHERWISE NOTED ON PLANS.
 2. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
 3. ALL EXISTING PAVEMENT MARKINGS THAT ARE IN CONFLICT WITH THE PROPOSED MARKINGS SHALL BE REMOVED BY AN FDOT ACCEPTABLE METHOD.
 4. REFER TO FDOT STANDARD PLANS FOR ADDITIONAL DETAILS.

R E V I S I O N S				DANIEL M. CRAIG, P.E. P.E. LICENSE NUMBER 38590 DAVID DOUGLAS ASSOCIATES, INC. 1821 VICTORIA AVE FORT MYERS, FLORIDA 33901 CERTIFICATE OF AUTHORIZATION 7568	LEE COUNTY DEPARTMENT OF TRANSPORTATION			GENERAL NOTES AND PAY ITEM NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION						
----	-----				ROAD NAME	COUNTY	LEE COUNTY CIP NO.		
					SUNSHINE BLVD.	LEE	200614		S-3

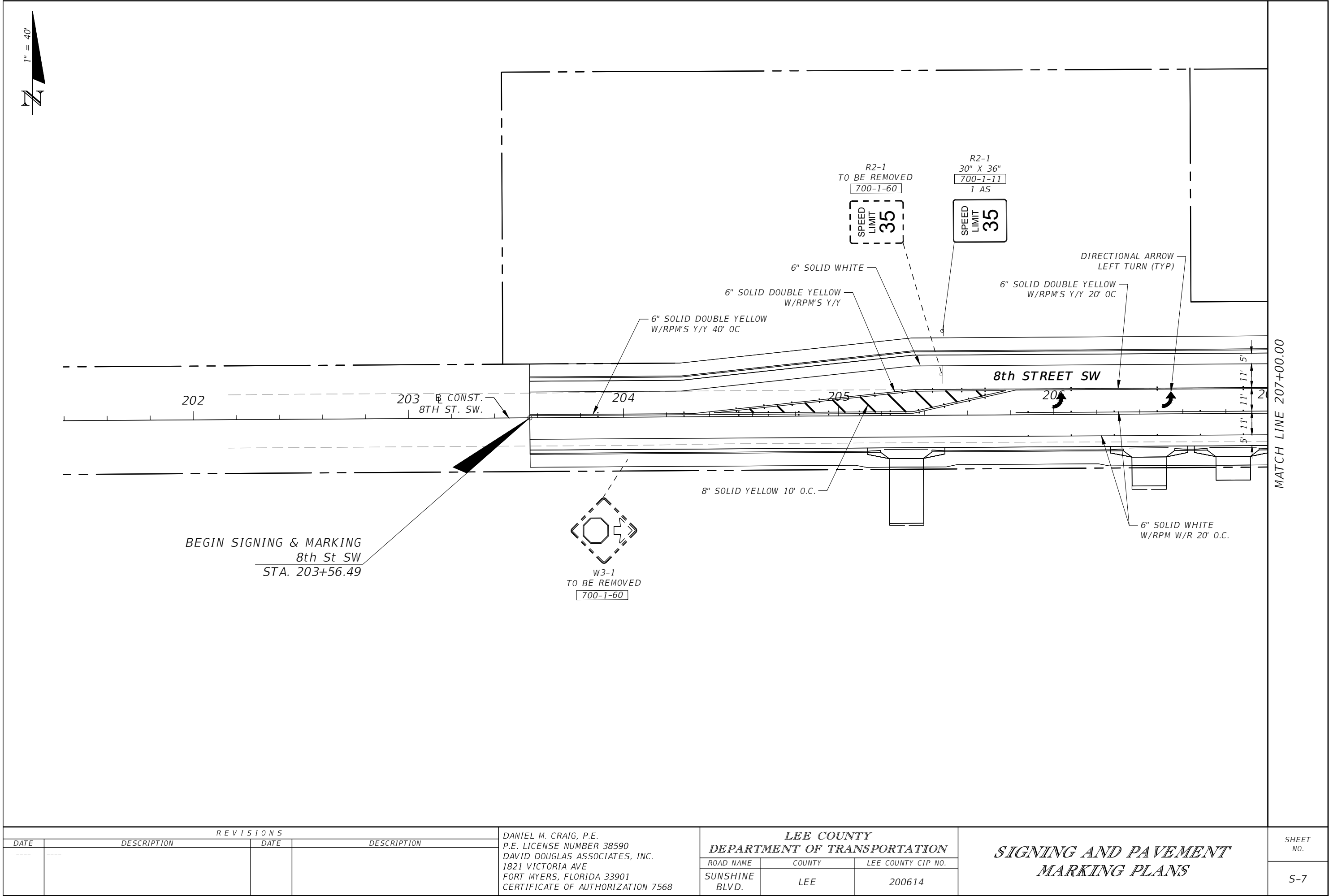




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REVISIONS				DANIEL M. CRAIG, P.E. P.E. LICENSE NUMBER 38590 DAVID DOUGLAS ASSOCIATES, INC. 1821 VICTORIA AVE FORT MYERS, FLORIDA 33901 CERTIFICATE OF AUTHORIZATION 7568	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLANS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	LEE COUNTY CIP NO.		
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DANIEL M. CRAIG, P.E.
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FORT MYERS, FLORIDA 33901
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NAME	COUNTY	LEE COUNTY CIP NO.
SUNSHINE BLVD.	LEE	200614

*SIGNING AND PAVEMENT
MARKING PLANS*

SHEET NO.

S-7