COMPONENTS OF CONTRACT PLANS SET

SHEET DESCRIPTION

GENERAL NOTES

ROADWAY PLAN

SUMMARY OF PAY ITEMS

TYPICAL SECTIONS
SUMMARY OF QUANTITIES

PROJECT NETWORK CONTROL

TRAFFIC CONTROL PLAN NOTES
TRAFFIC CONTROL PLANS
TRAFFIC CONTROL PLAN SIGN DETAIL

BEGIN PROJECT

B SURVEY SR-5

STA 51+26.50 MP 0.406

KEY SHEET

ROADWAY PLANS SIGNING AND PAVEMENT MARKING PLANS

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.

7 - 16

17 18 - 21

22 CTL-1 CTL-2

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 430670-1-52-01

MONROE COUNTY (90010)

STATE ROAD NO. 5 / TRUMAN AVE AT KEY WEST

FROM WHITEHEAD ST TO EISENHOWER DR

CREAT CATO AGUA CATO AGUA CATO AGUA CHANNEL CHANL

ANCENTE STANDARD CONTON BEACH

ST PETERBOURG

ST PETERBOURG

SANDOTON

ST PETERBOURG

FT MISS

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LOCATION OF PROJECT

MAND

SEVENST AND

SEVENS

ROADWAY SHOP DRAWINGS TO BE SUBMITTED TO:

ALEJANDRO G. MEITIN, P.E. CH PEREZ & ASSOC. CONSULTING ENGINEERS 9594 NW 41 STREET, SUITE 201 DORAL, FLORIDA 33178

PLANS PREPARED BY:

CH PEREZ & ASSOC. CONSULTING ENGINEERS 9594 NW 41 STREET, SUITE 201 MIAMI, FLORIDA 33178 (305)592-1070 | FAX: (305)592-1078

CONTRACT No.: VENDOR No.: 55-0866252
CERTIFICATE OF AUTHORIZATION NO. EB-25976

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

GOVERNING STANDARDS AND SPECIFICATIONS:

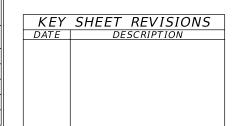
Florida Department of Transportation, 2013 Design Standards and revised Index Drawings as appended herein, and 2013 Standard Specifications for Road and Bridge Construction, as amended by Contract Documents.

For Design Standards click on the "Design Standards" link at the following web site: http://www.dot.state.fl.us/rddesign/

For the Standard Specifications for Road and Bridge Construction click on the "Specifications" link at the following web site: http://www.dot.state.fl.us/specificationsoffice/

LENGTH (OF PROJEC	T
	LINEAR FEET	MILES
ROADWAY	4968.00	0.941
BRIDGES		
NET LENGTH OF PROJECT	4968.00	0.941
EXCEPTIONS		
GROSS LENGTH OF PROJECT	4968.00	0.941

FDOT PROJECT MANAGER: ALI TOGHIANI, P.E.



END PROJECT

STA 100+94.50

MP 1.347

₿ SURVEY SR-5

ROADWAY PLANS ENGINEER OF RECORD: <u>ALEJANDRO G. MEITIN, P.E.</u>

P.E. NO.: 44744

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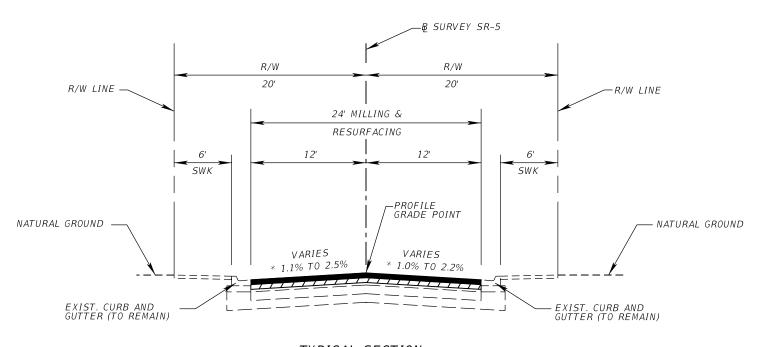
02/22/2013 14:50:02 PM FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 430670-1-52-01 LEAD PROJECT : 430670-1-52-01 DISTRICT : 06 COUNTY/SECTION : 90010000 PROJECT(S) : 43067015201 COUNTY : MONROE 0200 SUMMARY OF ROADWAY SPC ALT ITEM NUMBER ITEM DESCRIPTION UNIT 43067015201 QUANTITY TOTAL 0999- 2-LUMP SUM CONTRACT, ALTERNATIVE BIDDING 43067015201 1.000 1.000 0999- 25-INITIAL CONTINGENCY AMOUNT, DO NOT BID 43067015201 1.000 1.000

C H Perez & Associates Consulting Engineer, Inc.
Certificate of Authorization EB-25976
9594 NW 41 Street, Suite 201
Doral, Florida 33178
Tel. (305) 592-1070
Fax: (305) 592-1078 REVISIONS DESCRIPTION DATE DESCRIPTION DATE Alejandro G. Meitin, P.E. P.E. License No. 44744

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY FINANCIAL PROJECT ID MONROE 430670-1-52-01

SUMMARY OF PAY ITEMS

SHEET NO.



* MATCH EXISTING CROSS SLOPE. APPROXIMATE VALUE SHOWN.

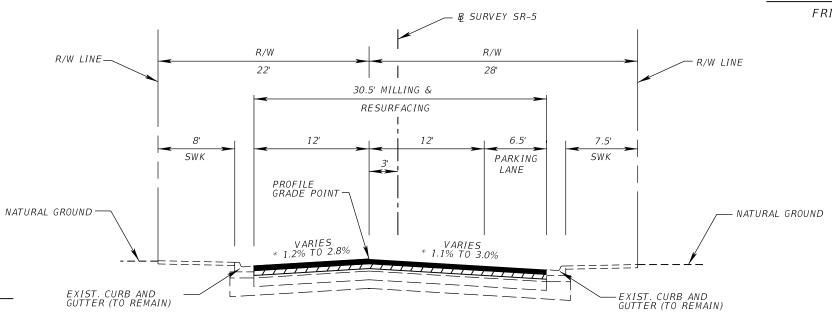
TYPICAL SECTION SR-5 STA. 51+26.50 TO STA. 61+55.00

MILLING

MILL EXISTING ASPHALT PAVEMENT (1" AVG. DEPTH)

RESURFACING

FRICTION COURSE FC-9.5 (1") (RUBBER)



TRAFFIC DATA

CURRENT YEAR 2011 = AADT = 20500ESTIMATED OPENING YEAR 2015 = AADT = 20900ESTIMATED DESIGN YEAR 2035 = AADT = 21800 K = 9% D = 55.10% T = 8.30% (24 HOUR) DESIGN HOUR T = 4%DESIGN SPEED = 30 MPH

TYPICAL SECTION SR-5 STA. 61+55.00 TO STA. 100+94.50

	REVIS	SIONS		C H Perez & Associates Consulting Engineer, Inc
DATE	DESCRIPTION	DATE	DESCRIPTION	Certificate of Authorization EB-25976 9594 NW 41 Street, Suite 201
				Doral, Florida 33178 Tel. (305) 592-1070 Fax: (305) 592-1078
				Alejandro G. Meitin, P.E. P.E. License No. 44744

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION						
ROAD NO.	COUNTY	FINANCIAL PROJECT ID				
5	MONROE	430670-1-52-01				

TYPICAL SECTIONS

SHEET NO.

2/28/20

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SUMMARY OF WATER VALVES TO BE ADJUSTED BY FLORIDA KEYS AQUEDUCT AUTHORITY QUANTITY

UTILITY OWNER SIDE 88+88.39 RT 89+40.93 RT 89+83.88 RT 92+23.83 RT 95+73.31 RT 95+89.77 RT 100+17.7 RT 100+45.48 RT 100+80.16 RT 100+84.21 RT

UTILITY VALVE AND MANHOLE ADJUSTMENT NOTES: (LUMP SUM PROJECT)

1. ONLY ONE PAYMENT SHALL BE MADE PER FACILITY TO BE ADJUSTED. PRICE AND PAYMENT FOR EACH UNIT INCLUDES COST OF ALL ADJUSTMENTS REGARDLESS OF THE NUMBER OF ADJUSTMENTS REQUIRED FOR PROPER CONSTRUCTION OF THE PROJECT. VALVE BOXES AND MANHOLES SHALL BE ADJUSTED WHENEVER THEY ARE 1/4" OR MORE ABOVE OR BELOW THE PAVEMENT FINAL GRADE ELEVATION. IF ADJUSTMENT IS NOT POSSIBLE THE LID OR MANHOLE RING NEEDS TO BE REPLACED.

2. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING MEASUREMENTS ON ALL MANHOLES/VALVES BOXES WITHIN PAVING LIMITS. COST OF THE MEASURING IS INCLUDED IN THE LUMP SUM BID PRICE FOR THIS PROJECT.

3. THE MEASUREMENTS SHALL BE MADE PRIOR TO MILLING BETWEEN 10-FT STRAIGHT EDGE, PLACED ON THE TOP OF THE MANHOLE/VALVE BOX, AND THE EXISTING PAVEMENT.

4. THE QUANTITY TABULATION(S) SUMMARIZE THE MANHOLES/VALVE BOXES OWNED BY THE UTILITY AGENCY/OWNER THAT HAVE BEEN IDENTIFIED WITHIN THE PROJECT; HOWEVER, THE ACTUAL NUMBER TO BE ADJUSTED WILL BE AS APPROVED BY THE ENGINEER.

LOCATION	CIDE	TVDE	QUA.	NTITY
STATION	SIDE	TYPE	Р	F
51+51.92	LT	SANITARY	1	
53+86.52	LT	SANITARY	1	
55+96.06	LT	SANITARY	1	
58+63.31	LT	SANITARY	1	
61+28.47	LT	SANITARY	1	
63+88.41	LT	SANITARY	1	
65+69.31	LT	SANITARY	1	
66+84.21	LT	SANITARY	1	
68+52.35	LT	SANITARY	1	
71+38.11	LT	SANITARY	1	
74+81.42	LT	SANITARY	1	
77+36.29	LT	SANITARY	1	
79+62.62	LT	SANITARY	1	
80+95.97	LT	SANITARY	1	
82+23.04	LT	SANITARY	1	
83+95.20	LT	SANITARY	1	
85+74.25	LT	SANITARY	1	
86+64.27	LT	SANITARY	1	
88+48.08	LT	SANITARY	1	
92+15.90	LT	SANITARY	1	
94+40.03	RT	SANITARY	1	
95+70.96	LT	SANITARY	1	
98+58.45	RT	SANITARY	1	
98+70.27	LT	SANITARY	1	
100+59.82	RT	SANITARY	1	

CHAMARY OF HELLEY MANUALES

SUMMARY OF MANHOLES TO BE ADJUSTED

TYPE

STORM SEWER

LOCATION

51+58.00

51+66.42

51+89.89

52+10.08

52+15.55

55+66.16

57+32.16

57+38.20

58+41.34

61+11.42

63+90.12

64+07.92

65+68.98

67+39.76

70+25.19

70+43.78

71+27.81

71+36.53

71+44.26

71+36.53

73+40.57

74+69.30

77+40.16

78+44.76

79+78.91

80+67.18

82+12.16

82+13.81

85+83.91

85+85.04

85+85.10

88+75.56

89+78.89

91+80.60

92+07.80

92+16.11

92+31.42

92+49.33

95+47.87

95+93.40

96+07.84

96+91.44

97+06.98

98+77.03

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QUANTITY

SUMMARY OF UTILITY MANHOLES TO BE ADJUSTED BY AT&T						
LOCATION	SIDE	TVDE	QUAN	ITITY		
STATION	SIDE	SIDE TYPE		F		
71+44.02 RT TELEPHONE 1						

OCATION	CATION SIDE QUANTITY	UTILITY			
STATION	JIUL	Р	F	OWNER	
51+20.40	LT	1			
53+97.26	LT	1			
55+80.82	LT	1			
55+85.51	RT	1			
57+21.17	RT	1			
58+54.94	RT	1			
60+43.36	RT	1			
61+41.02	RT	1			
61+47.29	RT	1			
61+60.16	RT	1			
62+57.78	RT	1			
62+58.69	RT	1			
64+43.83	RT	1			
65+65.02	RT	1			
65+70.14	RT	1			
65+99.91	RT	1			
66+15.96	RT	1			
71+34.83	RT				
71+46.42		1			
71+46.42	RT RT	1			
71+46.79					
	RT	1			
72+36.29	RT	1			
73+44.51	RT	1			
74+76.06 75+05.32	RT	1			
75+95.05	RT	1			
	RT	1			
77+21.05	RT	1			
77+23.04	RT	1	1		
77+91.88	RT	1			
78+48.40	RT	1			
79+73.98	RT	1			
79+74.07	RT	1			
79+75.89	RT	1			
79+91.20	RT	1			
81+49.67	RT	1			
81+53.32	RT	1			
81+84.36	RT	1			
82+27.22	RT	1			
83+19.98	RT	1			
83+97.27	RT	1			
83+99.88	RT	1			
84+24.38	RT	1			
84+84.50	RT	1			
85+65.74	RT	1			
86+06.40	RT	1			
86+14.49	RT	1			
88+62.25	RT	1			
88+65.10	RT	1			
88+65.34	RT	1			

SUMMARY OF WATER VALVES TO BE ADJUSTED BY FLORIDA KEYS AQUEDUCT AUTHORITY

QUANTITY

	REV	'ISIONS		C H Perez & Associates Consulting Engineer, Inc
DATE	DESCRIPTION	DATE	DESCRIPTION	Certificate of Authorization EB-25976 9594 NW 41 Street, Suite 201
				Doral, Florida 33178 Tel. (305) 592-1070 Fax: (305) 592-1078
				Alejandro G. Meitin, P.E. P.E. License No. 44744

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY FINANCIAL PROJECT ID MONROE 430670-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.

SUMMARY OF SIGNAL PULL BOXES TO BE REPLACED							
LOCATION	SIDE	QUANTITY					
STATION	SIDE	Р	F				
51+28.50	RT	1					
51+30.45	LT	1					
55+70.65	RT	1					
56+17.65	LT	2					
56+18.15	RT	1					
56+18.60	RT	1					
56+21.30	RT	1					
58+45.00	LT	1					
61+07.85	RT	1					
61+50.05	LT	1					
61+55.65	RT	1					
61+58.25	RT	1					
65+53.70	LT	1					
65+84.60	LT	1					
71+07.85	RT	1					
71+12.20	LT	1					
71+13.30	RT	1					
71+16.00	RT	1					
71+17.00	LT	1					
71+19.60	LT	1					
71+69.50	LT	1					
71+75.25	RT	1					
77+22.30	RT	1					
77+93.50	LT	1					
79+44.15	RT	1					
79+89.65	LT	1					
84+62.40	LT	1					
88+21.80	LT	1					
88+25.00	LT	1					
91+89.00	LT	1					
95+54.60	LT	1					
95+88.00	RT	1					
95+89.75	LT	1					
100+40.90	LT	1					
100+44.30	LT	1					

	SUMMARY OF TEMPORARY SIGNALIZATION												
PHASE	DURATION	Temp Signals & Temp Detection & Maintenance, Per Intersection - Each Day Maintenance, Per Intersection -											
			EXISTING		TEMPOR	ARY	EXISTING		'G	TEMPORARY/NEW		/NEW	
	DAYS	#	Р	F	#	Р	F	#	Р	F	#	Р	F
1	45	6	270					6	270				
2	45	6	270					6	270				
3	30	6	180					6	180				

SUMMARY OF LIGHTING PULL BOXES TO BE REPLACED							
LOCATION	SIDE	QUA	ANTITY				
STATION		Р	F				
55+68.60	RT	1					
56+18.55	RT	1					
56+18.75	LT	1					
58+45.00	LT	1					
58+83.25	LT	1					
61+04.10	LT	1					
61+04.45	RT	1					
61+07.85	LT	1					
61+50.55	LT	1					
61+60.80	RT	1					
65+50.50	LT	1					
65+87.95	LT	1					
71+10.50	RT	1					
71+14.55	LT	1					
71+61.65	LT	1					
71+72.80	RT	1					
74+62.25	RT	1					
77+93.50	LT	1					
79+41.50	RT	1					
79+89.65	LT	1					
82+04.40	RT	1					
84+21.35	LT	1					
84+64.95	LT	1					
88+21.85	LT	1					
91+90.80	LT	1					
91+93.70	RT	1					
95+56.90	LT	1					
95+85.75	RT	1					
95+92.20	LT	1					

SUMMARY OF DETECTABLE WARNING MATS				
LOCATION	CIDE	QUANTITY		
STATION	SIDE	Р	F	
51+68.10	RT	1		
51+68.50	LT	1		
51+73.64	LT	1		
51+81.07	RT	1		
55+78.33	LT	1		
71+24.98	RT	1		
71+30.60	LT	1		
71+53.25	LT	1		
74+92.91	RT	1		
77+47.26	RT	1		
77+69.59	LT	1		
79+45.98	LT	1		
79+81.30	RT	1		
82+34.07	RT	1		
83+78.32	LT	1		
84+88.25	LT	1		
85+56.93	RT	1		
85+91.54	RT	1		
88+23.17	RT	1		
88+70.09	LT	1		
88+79.61	RT	1		
88+81.02	LT	1		
92+34.38	RT	1		
95+82.42	LT	1		

		REVISIONS		C H Perez & Associates Consulting Engineer, Inc.
DATE	DESCRIPTION	DATE	DESCRIPTION	Certificate of Authorization EB-25976 9594 NW 41 Street, Suite 201
				Doral, Florida 33178 Tel. (305) 592-1070 Fax: (305) 592-1078 Alejanoros Netitin, P.E.

DEP_{A}	STATE OF FL ARTMENT OF TRAN	
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
5	MONROE	430670-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.

GENERAL

- 1. REFER TO THE "NETWORK CONTROL SHEET" FOR HORIZONTAL AND VERTICAL DATUM'S USED ON THIS PROJECT.
- 2. ALL PUBLIC LAND CORNERS AND PRIMARY NETWORK CONTROL SURVEY MONUMENTS ARE TO BE PROTECTED BY THE CONTRACTOR. CORNERS AND MONUMENTS WITHIN THE WORK ZONE AND IN DANGER OF BEING DAMAGED, DESTROYED OR COVERED SHALL BE PROPERLY REFERENCED BY A REGISTERED LAND SURVEYOR IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYOR PRIOR TO THE BEGINNING OF WORK. UPON PROJECT COMPLETION THE CONTRACTOR SHALL RESTORE ALL SUCH CORNERS AND MONUMENTS AND SHALL FURNISH TO THE DISTRICT LOCATION SURVEYOR A SIGNED AND SEALED COPY OF THE LAND SURVEYOR'S REFERENCE DRAWING. INCLUDE ALL COST OF REFERENCING, RESTORING AND PRESERVING CORNERS AND MONUMENTS IN THE LUMP SUM BID PRICE FOR THIS PROJECT.
- 3. ALL EXCESS MATERIAL AS DESIGNATED BY THE ENGINEER IS TO BE DISPOSED BY THE CONTRACTOR IN AREAS PROVIDED BY HIM WITHIN 72 HOURS OF BEING DEPOSITED IN THE CONSTRUCTION AREA AND AT THE CONTRACTOR'S EXPENSE.
- 4. THE CONTRACTOR SHALL USE A STREET SWEEPER (USING WATER) OR OTHER EQUIPMENT CAPABLE OF CONTROLLING AND REMOVING DUST. APPROVAL OF THE USE OF SUCH EQUIPMENT IS CONTINGENT UPON ITS DEMONSTRATED ABILITY TO DO THE WORK. CLEANING AND SWEEPING IS TO BE INCLUDED IN THE LUMP SUM BID PRICE FOR THIS PROJECT.
- 5. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING EXISTING AND NEW INLETS CLEAN OF MILLING MATERIAL, LIMEROCK, DEBRIS, ETC. DURING THE CONSTRUCTION AT NO ADDITIONAL COST.
- 6. EXISTING UTILITIES ARE BACKFILLED WITH FLOWABLE FILL. LARGE CHUNKS OF EXCAVATED MATERIAL SHALL BE REPLACED WITH SUITABLE MATERIAL OR PROCESSED TO MAKE THEM SUITABLE FOR BACKFILLING OR EMBANKMENT CONSTRUCTION. COST TO BE INCLUDED IN THE LUMP SUM BID PRICE FOR THIS PROJECT.
- 7. WORK NECESSARY FOR HARMONIZATION OUTSIDE R/W SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR THIS PROJECT.
 CLEARING AND GRUBBING, EARTHWORK AND GRADING ARE INCIDENTAL TO THIS ITEM.
- 8. THE CONTRACTOR SHALL PERFORM STANDARD CLEARING AND GRUBBING FOR THE WORK BEING DONE AS APPROVED BY THE ENGINEER.
 COST TO BE INCLUDED IN THE LUMP SUM BID PRICE FOR THIS PROJECT.
- 9. SAW CUTTING OF THE EXISTING SIDEWALKS SHALL BE MADE ONLY AT THE NEAREST FLAG JOINTS.
- 10. INSTALLATIONS OF NEW PULL BOXES SHALL BE PERFORMED BY QUALIFIED ELECTRICAL CONTRACTOR. WHEN NEW PULL BOX IS REPLACING EXISTING PULL BOX, THE CONTRACTOR SHALL ADJUST CONDUITS AND CABLES TO FIT THE NEW PULL BOX ELEVATION. COST OF ADJUSTMENTS IS INCLUDED IN THE LUMP SUM BID PRICE FOR THIS PROJECT.
- 11. THE CONTRACTOR SHALL PERFORM AN INVENTORY OF ALL EXISTING STREET LIGHTING, TRAFFIC SIGNAL AND OTHER ELECTRIC AND COMMUNICATION INSTALLATIONS (POLES, PULL BOXES, CONTROLLER CABINET, SERVICE POINTS, ETC.) WITHIN THE AFFECTED LIMITS. AFFECTED LIMITS INCLUDE ALL AREAS WHERE CLEARING AND GRUBBING, EXCAVATION, REMOVAL OF SIDEWALK, OR ANY SPECIFIED ELECTRICAL WORK IS BEING PERFORMED. THE CONTRACTOR SHALL SUBMIT A REPORT OF THE CONDITION OF EACH INSTALLATION AND ITS CONTENT TO THE ENGINEER PRIOR TO THE BEGINNING OF CONSTRUCTION; INCLUDING PHOTOGRAPHS OF ANY IDENTIFIED DEFICIENCIES.
- 12. THE CONTRACTOR SHALL REPAIR ALL DAMAGED PULL BOXES AND THEIR CONTENT IN ACCORDANCE WITH THE LATEST FDOT, MAINTAINING AGENCY AND NATIONAL ELECTRICAL CODE REQUIREMENTS. ALL DAMAGED CABLES AND CONDUCTORS SHALL BE REPLACED, NO SPLICES ARE ALLOWED.
- 13. CONTRACTOR MAY ENCOUNTER EXISTNG SIDEWALKS AND CURB RAMPS WHICH ARE GREATER THAN THE REQUIRED 4" OR 6" THICK.

 IF THIS OCCURS, CONTRACTOR IS TO BACKFILL THE AREA WITH SUITABLE MATERIAL AND HAND COMPACT SO THAT THE SIDEWALK
 OR RAMP IS CONSTRUCTED TO THE REQUIRED THICHNESS AT NO ADDITONAL COST. PLACEMENT OF ADDITIONAL CONCRETE TO MEET
 EXISTING THICKNESS WILL NOT BE ACCEPTED.
- 14. MANY SIGNAL AND LIGHTING CONDUITS ALONG THE PROJECT ARE VERY SHALLOW DUE TO CONFLICTS WITH OTHER EXISTING UTILITIES. CONTRACTOR IS TO TAKE CARE WHEN REMOVING EXISTING CONCRETE RAMPS, SIDEWALK AND CURB & GUTTER TO NOT DAMAGE THE CONDUITS.

NOTE TO REVIEWERS:

THIS PROJECT IS A "RIDE ONLY PROJECT"

ENVIRONMENTAL:

- 1. ANY MATERIAL TO BE STOCKPILED FOR PERIODS GREATER THAN 24 HOURS SHALL BE PROTECTED BY APPROPRIATE EROSION CONTROL DEVICES.
- 2. THE CONTRACTOR SHALL REVIEW ENVIRONMENTAL REQUIREMENTS OF ANY PROPOSED STAGING AREAS WITH THE DISTRICT PERMITS COORDINATOR AT 305-470-5223 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO USE.
- 3. NO STAGING OR OTHER ACTIVITIES FOR THIS PROJECT WILL BE ALLOWED WITHIN OR ADJACENT TO BAY VIEW PARK.
- 4. ALL LANDSCAPE IS DESIGNATED TO REMAIN UNLESS OTHERWISE NOTED IN PLANS. ALL LANDSCAPE WITHIN 5 FEET OF CONSTRUCTION ACTIVITIES SHALL BE PROTECTED AS PER DESIGN STANDARD INDEX 544. COST OF TREE PROTECTION TO BE INCLUDED IN THE LUMP SUM BID PRICE FOR THIS PROJECT.
- 5. CONTRACTOR SHALL NOT STAGE OR OPERATE EQUIPMENT WITHIN THE DRIPLINE OF TREES.

DRAINAGE:

1. EXISTING STORM SEWERS (PIPES, FRENCH DRAINS AND/OR SLAB COVERED TRENCHES) SHALL REMAIN IN PLACE.

UTILITIES:

- 1. FOR UTILITY ADJUSTMENT SYMBOLS, SEE STANDARD INDEX NO. 002.
- 2. ALL EXISTING UTILITIES ARE TO REMAIN UNLESS OTHERWISE NOTED.
- 3. TWO FULL BUSINESS DAYS PRIOR TO DIGGING THE CONTRACTOR SHALL CALL SUNSHINE 811 AND THE UTILITY OWNER AND REQUEST UTILITY LOCATIONS. A CONTRACTOR'S REPRESENTATIVE MUST BE PRESENT WHEN UTILITY COMPANIES LOCATE THEIR FACILITIES.
- 4. TWO FULL BUSINESS DAYS PRIOR TO DIGGING NOTIFY THE ENGINEER AND CALL FDOT MAINTENANCE DEPARTMENT, TELEPHONE NUMBER (305) 650-0082 AND REQUEST LIGHTING CONDUITS LOCATIONS.
- 5. THE CONTRACTOR IS ADVISED THAT PROPERTIES ADJACENT TO THE PROJECT HAVE ELECTRIC, TELEPHONE, GAS, WATER AND/OR SEWER SERVICE LATERALS WHICH MAY NOT BE SHOWN IN PLANS. THE CONTRACTOR MUST REQUEST THE LOCATION OF THESE LATERAL SERVICES FROM THE UTILITY COMPANIES. THE ADDITIONAL COST OF EXCAVATING, INSTALLING, BACKFILLING AND COMPACTING AROUND THESE LATERAL SERVICES MUST BE INCLUDED IN THE COST OF THE LUMP SUM BID PRICE FOR THIS PROJECT.
- 6. PRE-TRENCHING IN THE ALIGNMENT AND GRADE OF PROPOSED PIPES STRUCTURES, FRENCH DRAINS, SLAB COVERED TRENCHES, CONDUITS, POLE FOUNDATIONS AND/OR SUB-GRADE SHALL BE PERFORMED SEVEN DAYS IN ADVANCE OF ITS CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE UNDERGROUND UTILITY OWNERS AND THE DEPARTMENT WITH A SEVEN DAYS ADVANCE NOTICE OF ANY CONFLICT WITH PROPOSED CONSTRUCTION. THIS NOTIFICATION SHALL PROVIDE SURVEY INFORMATION ABOUT EXISTING UTILITY ALIGNMENT, GRADE AND POSSIBLE CONFLICTS. PAYMENT FOR PRE-TRENCHING, SURVEY AND BACKFILLING SHALL BE INCLUDED IN THE COST OF THE LUMP SUM BID PRICE FOR THIS PROJECT.
- 7. UTILITY OWNERS :

AT&T DISTRIBUTION	(305) 222-8745
COMCAST	(954) 447-8405
FLORIDA KEYS AQUEDUCT AUTHORITY	(305) 295-2141
KEYS ENERGY SERVICES	(305) 295-1055
KEY WEST SEWER DEPT.	(305) 809-3902
OPERATIONS MANAGEMENT, INC	(305) 292-5100
VERIZON BUSINESS	(904) 355-0187



	REVIS	SIONS		C H Perez & Associates Consulting Engineer, Ir
DATE	DESCRIPTION	DATE	DESCRIPTION	Certificate of Authorization EB-25976 9594 NW 41 Street, Suite 201
				Doral, Florida 33178 Tel. (305) 592-1070 Fax: (305) 592-1078 Alejandro G. Meitin, P.E. P.E. License No. 44744

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

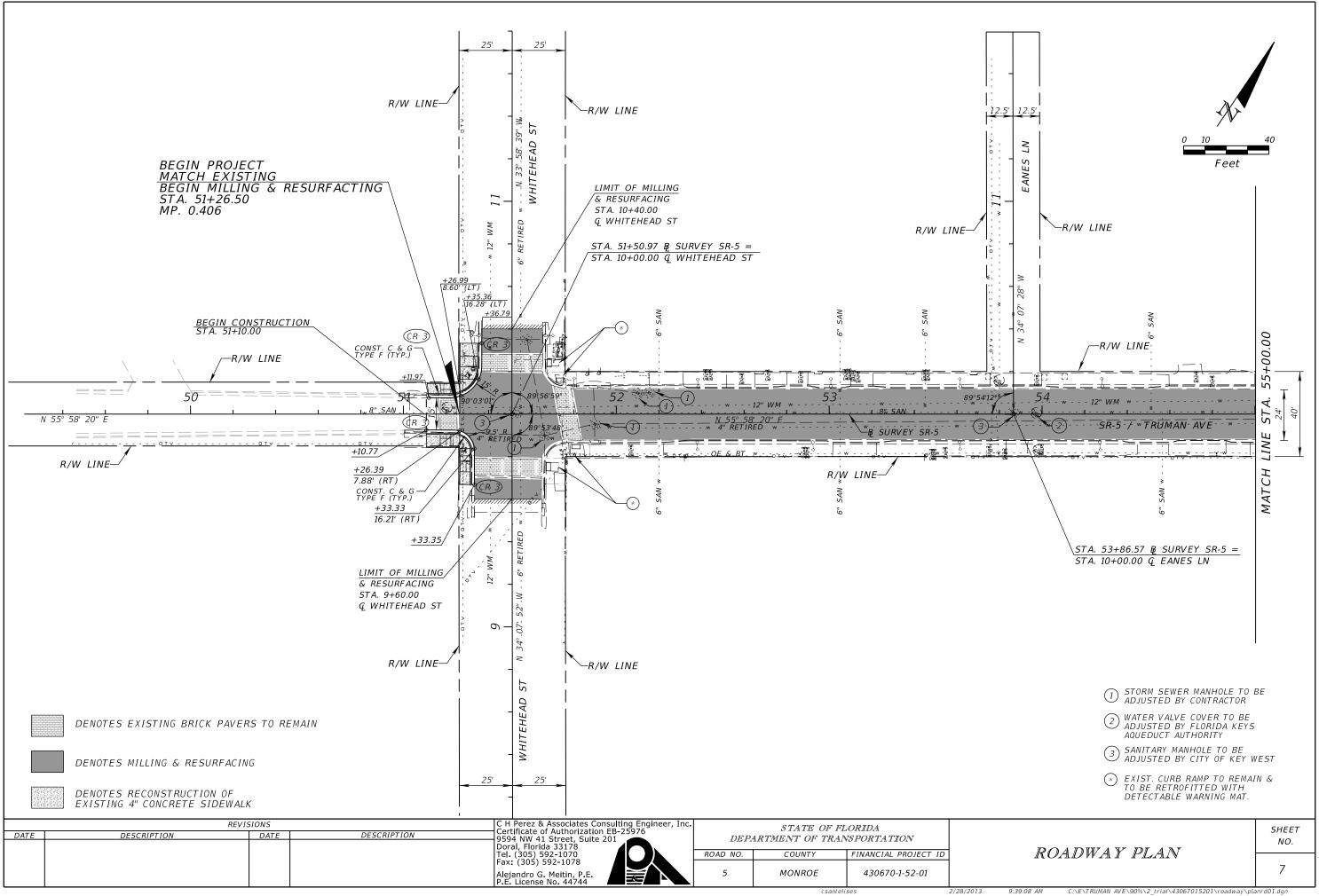
ROAD NO. COUNTY FINANCIAL PROJECT ID

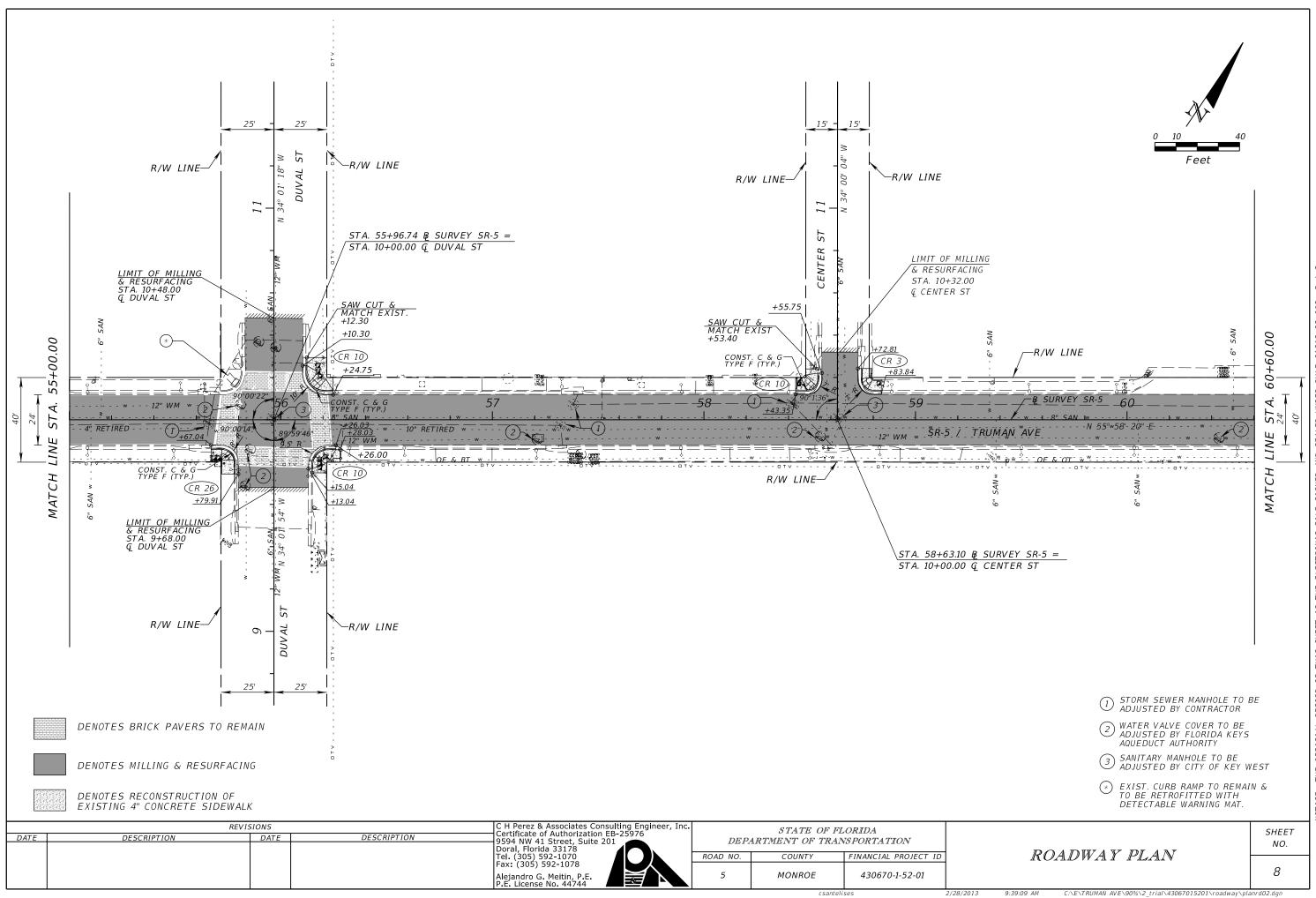
5 MONROE 430670-1-52-01

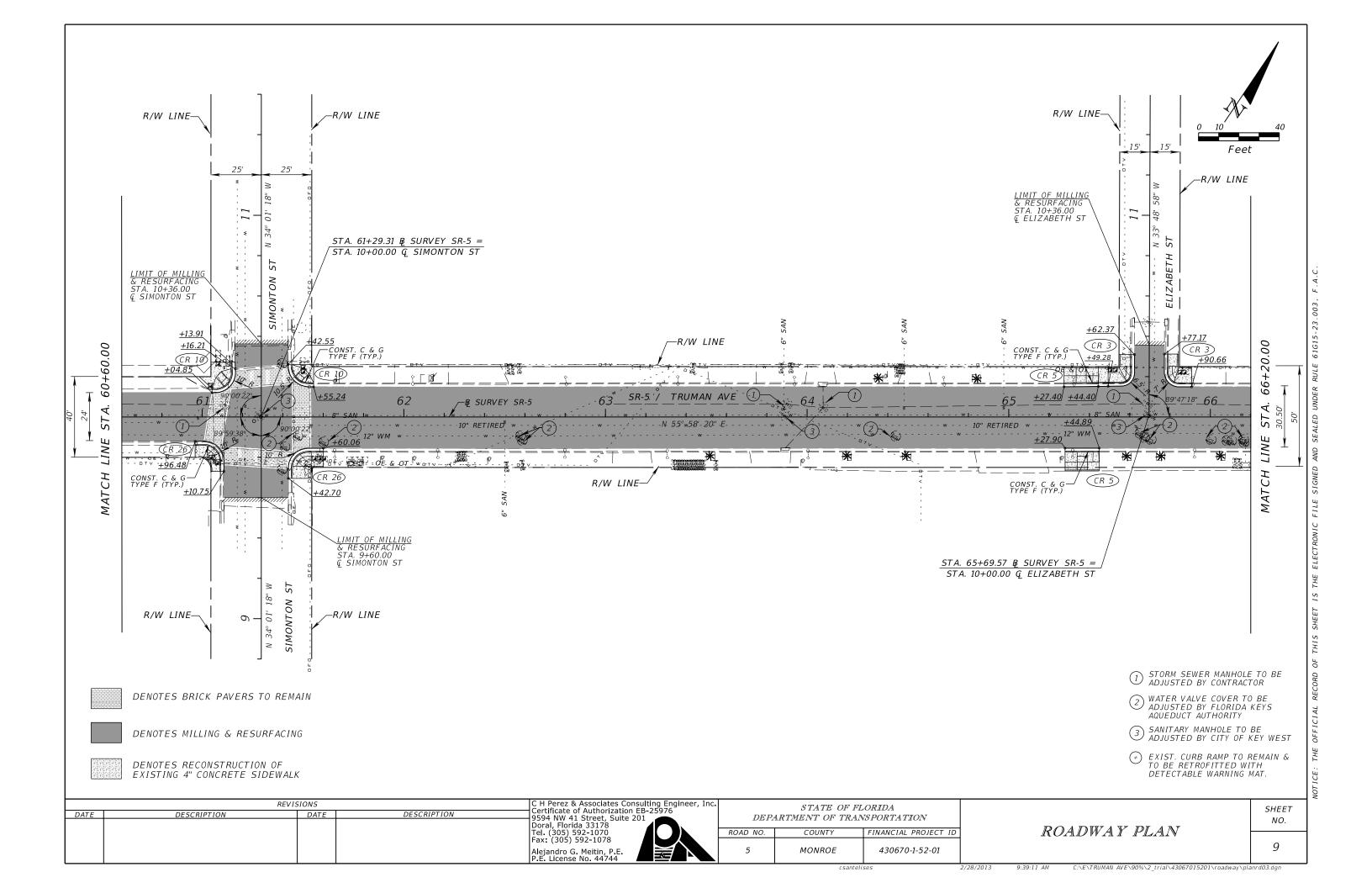
GENERAL NOTES

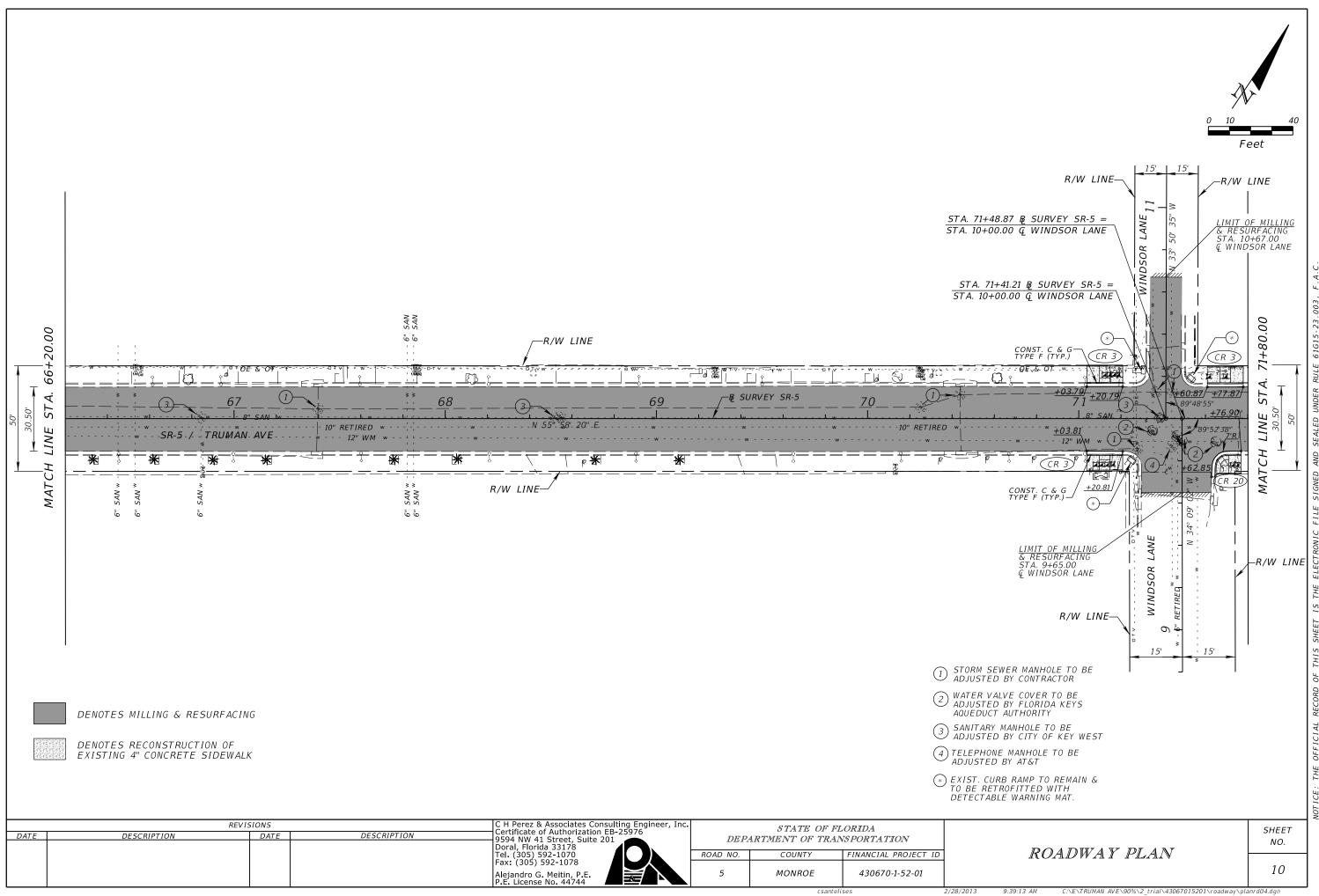
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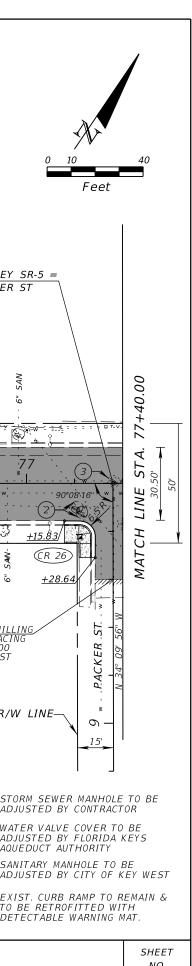
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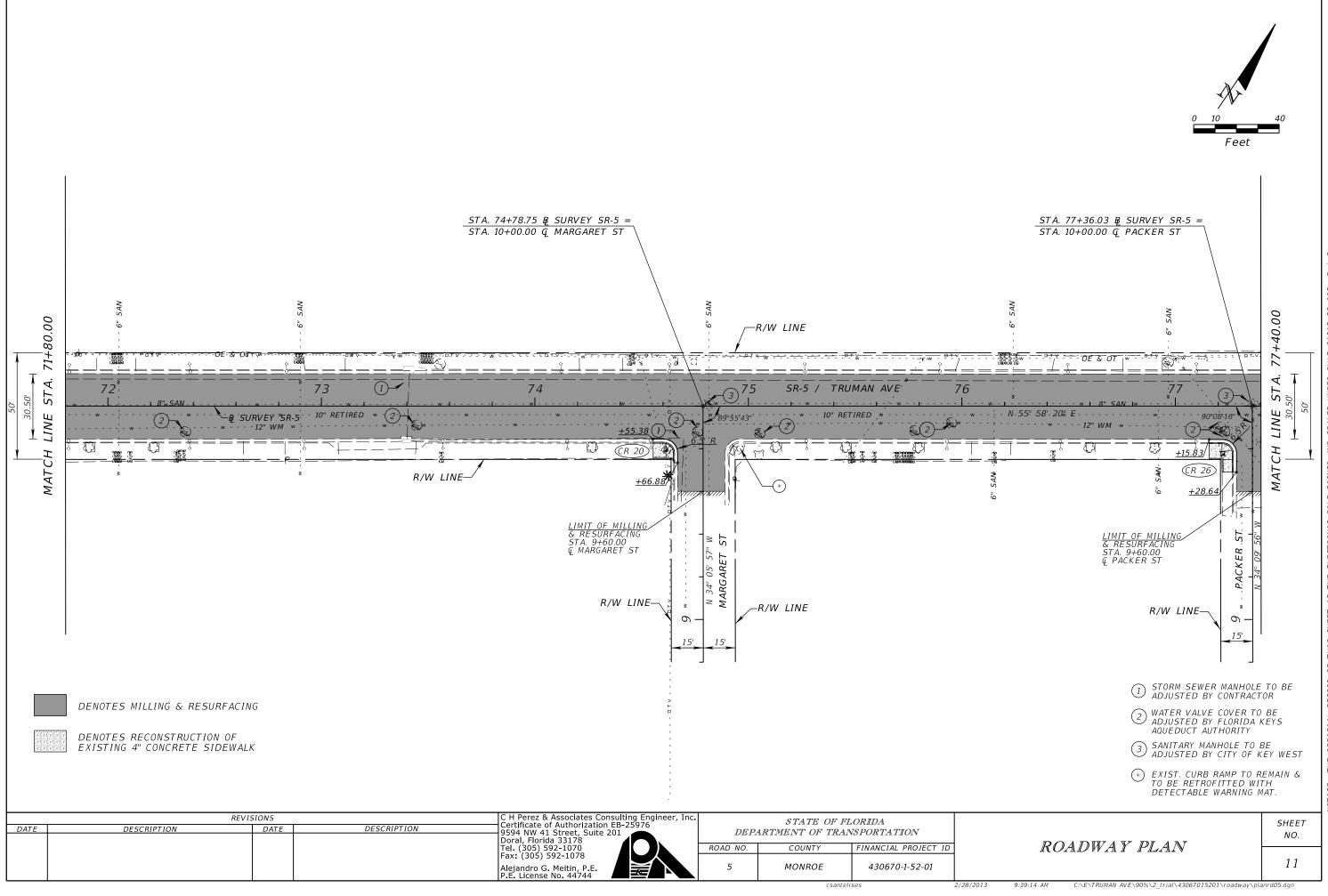


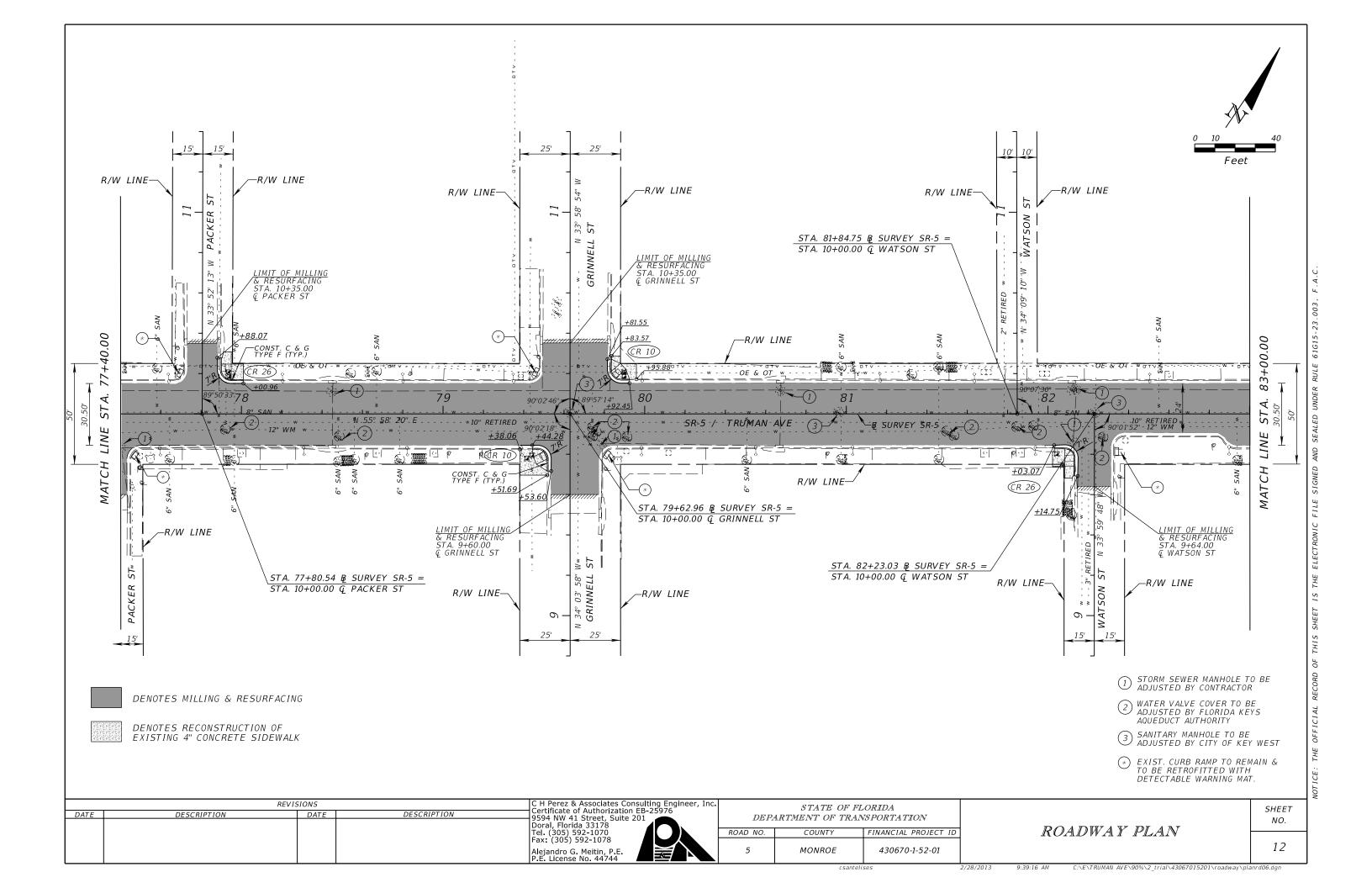


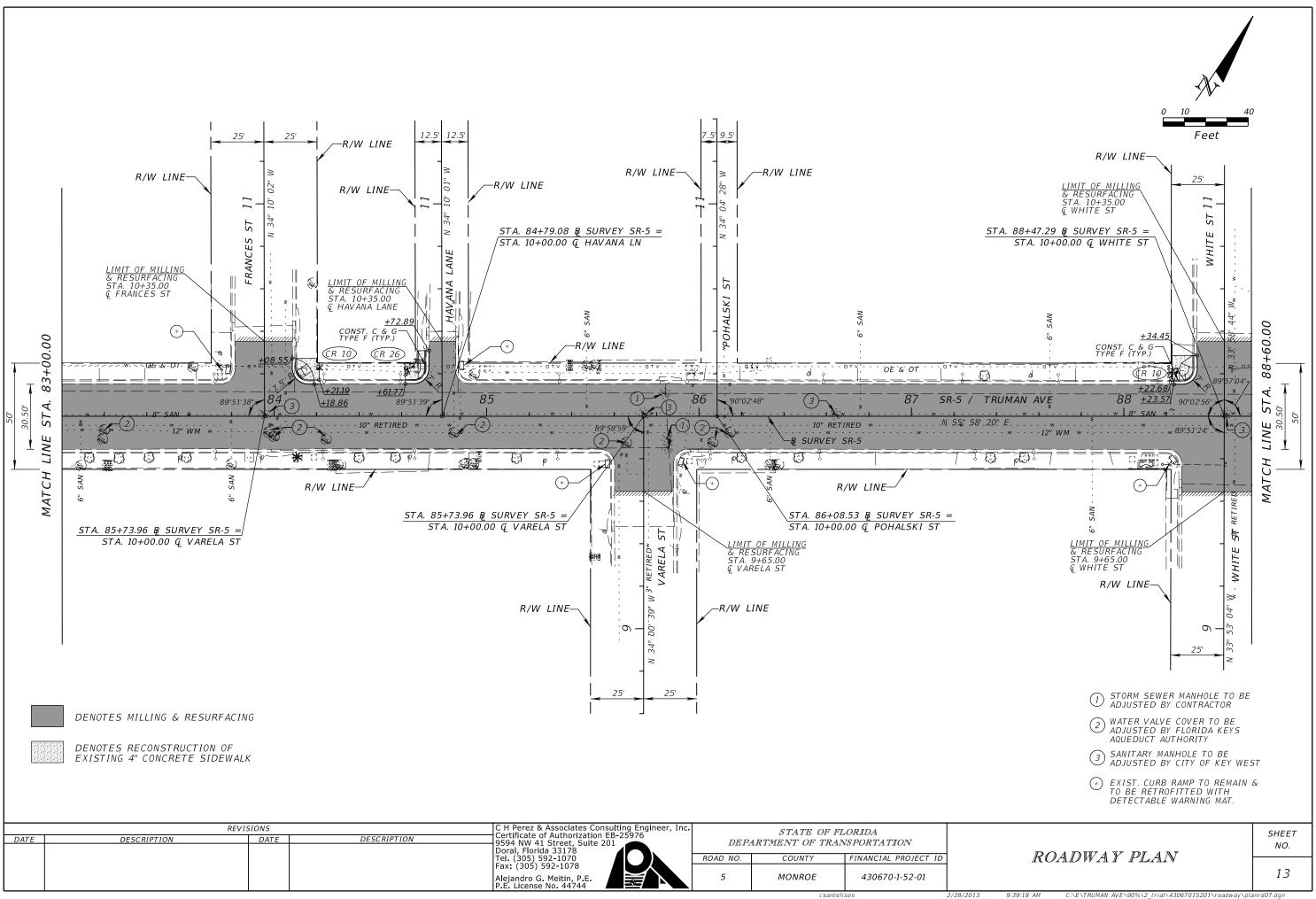


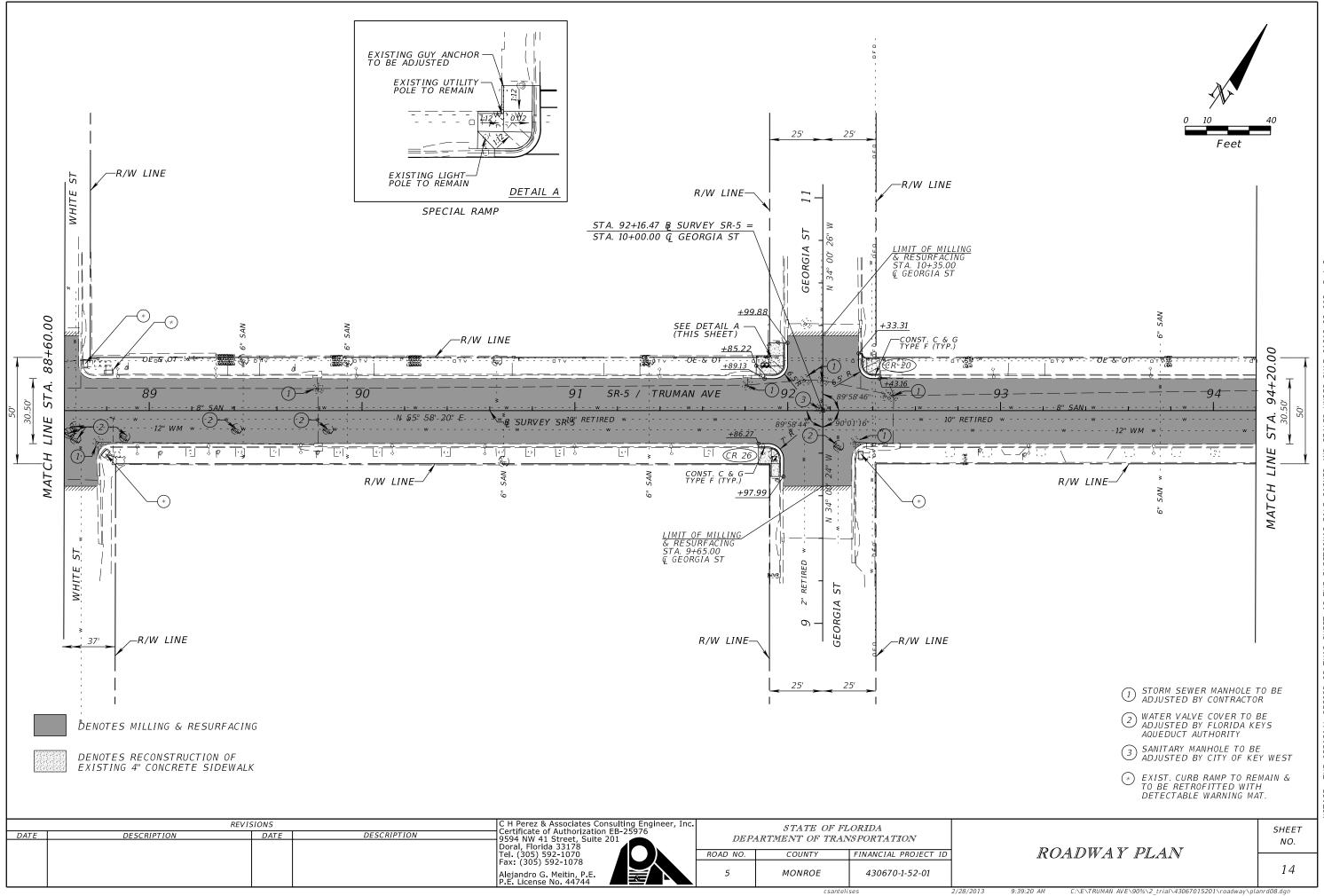


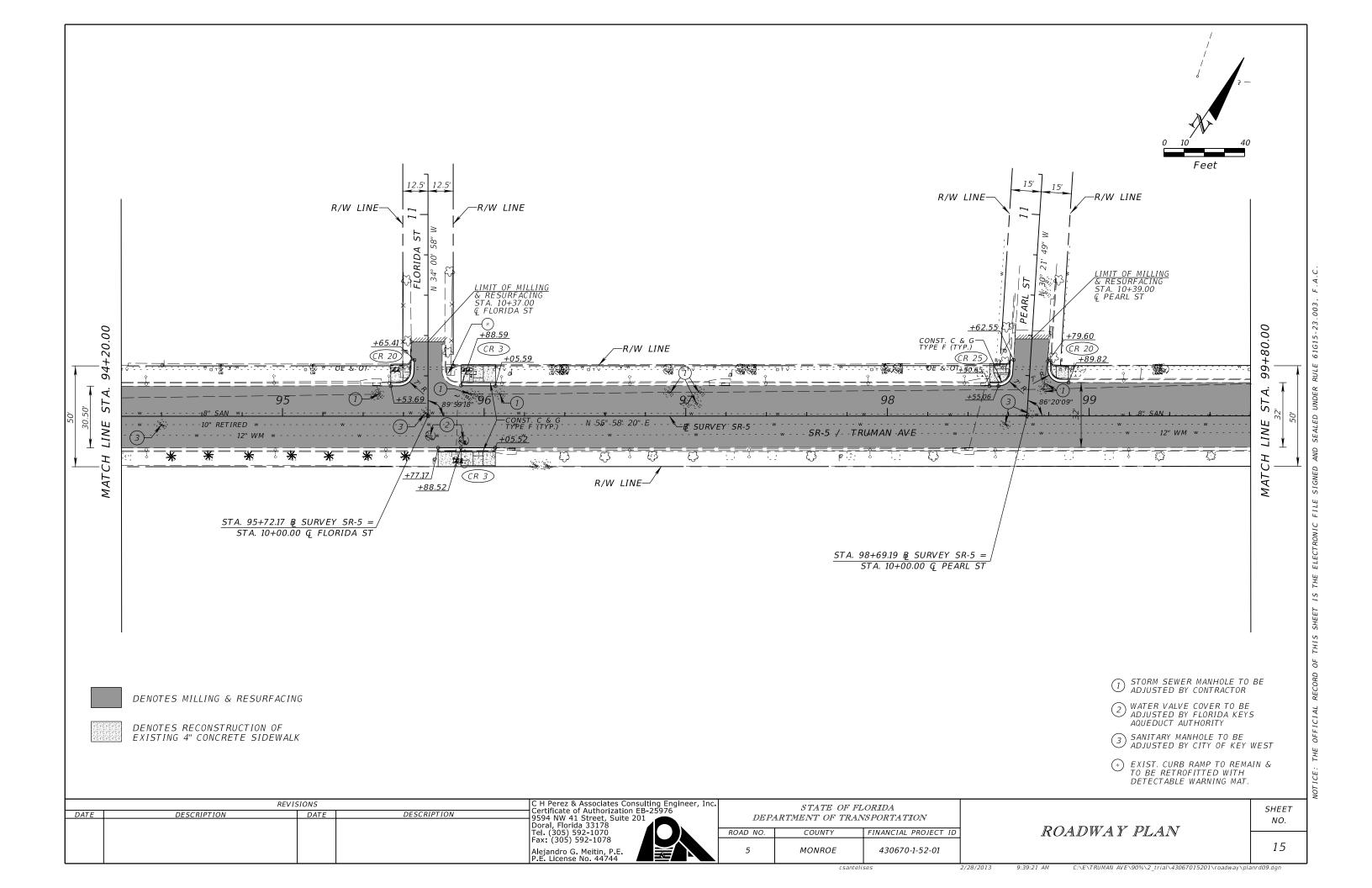


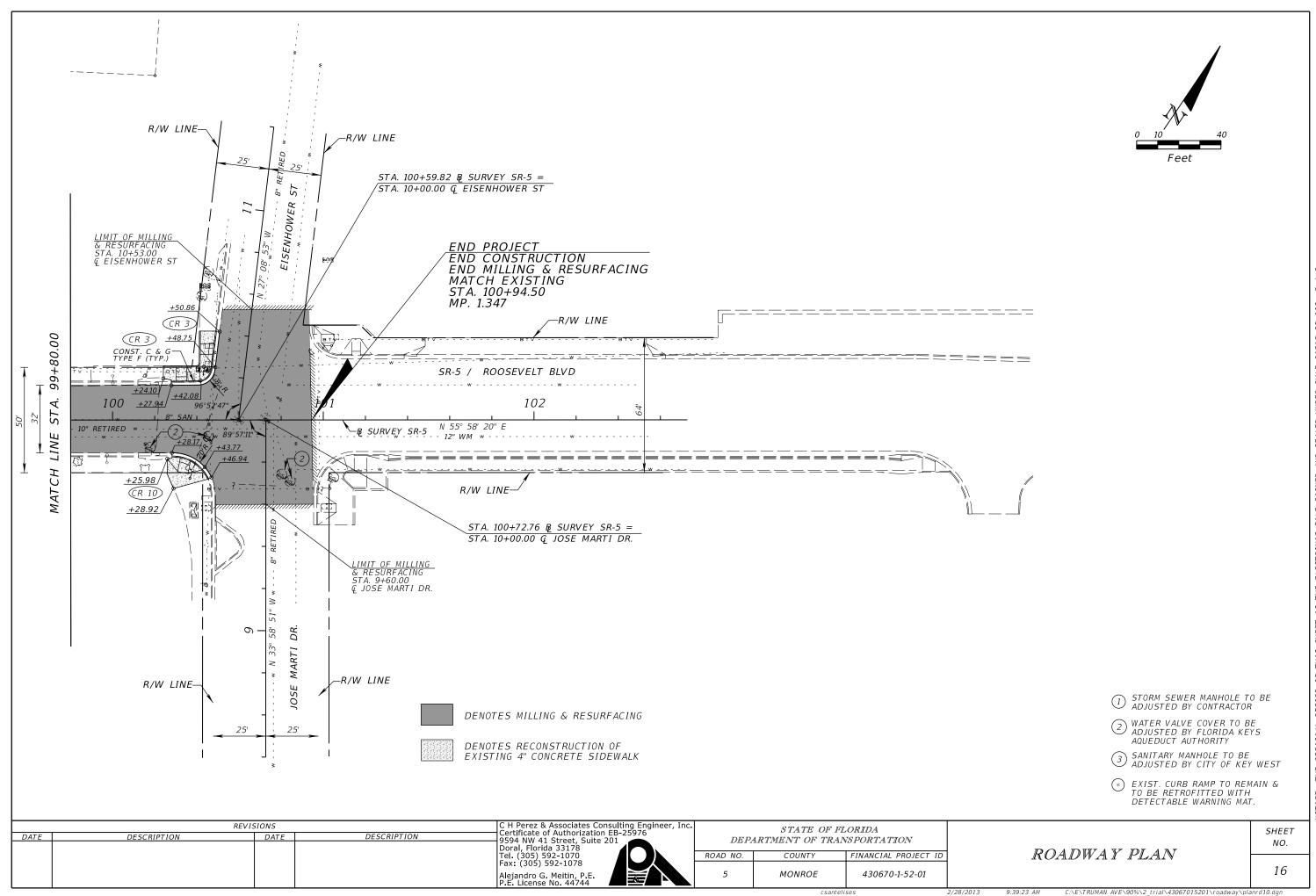












GENERAL

- 1. TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH THE PROJECT PLANS, THE CURRENT EDITION OF THE FLORIDA DOT DESIGN STANDARDS (600 SERIES), THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2009 EDITION) AS MINIMUM CRITERIA.
- 2. NOTIFICATION OF LANE CLOSURES OR TEMPORARY DETOURS SHALL BE ACCOMPLISHED 14 WORKING DAYS PRIOR TO CLOSURE, DETOUR OR MOT PHASE CHANGE BY SUBMITTING THE REQUIRED ELECTRONIC LANE CLOSURE FORM (HTTP://WWW.FDOTLCIS.COM//), SKETCHES, CALCULATIONS, AND OTHER DATA THROUGH THE ENGINEER TO THE DISTRICT TRAFFIC OPERATIONS OFFICE.
- 3. AT THE DISCRETION OF THE ENGINEER, IF A LANE CLOSURE CAUSES EXTENDED CONGESTION OR DELAY, THE CONTRACTOR SHALL BE DIRECTED TO REOPEN THE CLOSED LANE(S) UNTIL SUCH TIME THAT THE TRAFFIC FLOW HAS RETURNED TO AN ACCEPTABLE LEVEL.
- 4. THE TRAFFIC AND TRAVEL WAYS SHALL NOT BE ALTERED BY THE CONTRACTOR TO CREATE A WORK ZONE UNTIL ALL LABOR AND MATERIAL ARE AVAILABLE FOR THE CONSTRUCTION IN THAT AREA.
- 5. LANE CLOSINGS SHALL OCCUR ONLY DURING NON-PEAK HOURS. NON-PEAK HOURS ARE: FROM 8:00 P.M. TO 6 A.M. SUNDAY THROUGH THURSDAY.
- 6. NO EXISTING LANES SHALL BE CLOSED ON SATURDAY, SUNDAY, OR ANY HOLIDAY. NO EXISTING LANES SHALL BE CLOSED ON A FRIDAY PRECEDING A SATURDAY HOLIDAY OR THE MONDAY FOLLOWING A SUNDAY HOLIDAY. NO EXISTING LANE SHALL BE CLOSED DURING KEYS SPECIAL EVENT DATES AS DETERMINED BY THE ENGINEER. THE ENGINEER MAY ADJUST LANE CLOSURE TIMES IF CONDITIONS WARRANT. WHEN UNDUE CONGESTION OCCURS THE CONTRACTOR SHALL REOPEN THE LANES TO TRAFFIC AT NO ADDITIONAL COST.
- 7. LIST OF BLACKOUTS DATES THAT THE CITY OF KEY WEST WILL REQUIRE WORK RESTRICTION DURING CONSTRUCTION:
 - -PRIDEFEST: USUALLY FIRST WEEK OF JUNE, LASTING 2 DAYS.
 - -POKER RUN: USUALLY SECOND WEEK IN SEPTEMBER, LASTING APPROX. 3 DAYS.
 - -GOOMBAY FESTIVAL: USUALLY THIRD WEEK IN OCTOBER, LASTING 3 DAYS.
 - -FANTASY FEST: LAST WEEK IN OCTOBER, LASTING 1 WEEK WITH A FULL WEEKEND.
 - -PARROTHEADS: FIRST WEEK IN NOVEMBER, LASTING 1 WEEK.
 - -POWERBOAT RACES: SECOND WEEK IN NOVEMBER, LASTING 1 WEEK
 - CONTRACTOR SHALL CONTACT JAIME BAKER, EXECUTIVE ASSISTANT, GENERAL SERVICES (305) 809-3962 TO OBTAIN OFFICIAL CURRENT DETAILS.
- 8. TRAFFIC CONTROL PLANS FOR PHASES IA, IB, IIA, IIB, III ARE DESIGNED FOR NON-PEAK HOURS ONLY. THE CONTRACTOR SHALL KEEP ALL EXISTING LANES OPEN DURING PEAK HOURS IN THESE PHASES.
- 9. REGULATORY SPEED ESTABLISHED WITHIN WORK ZONE TRAVEL WAYS SHALL BE 25 M.P.H. REDUCED SPEED AND REGULATORY SPEED SIGNS SHALL BE INSTALLED ON SEPARATE POSTS IN ACCORDANCE WITH THE STANDARD INDEXES.
- 10. LANE CLOSURES SHALL NOT BE PERMITTED DURING SCHOOL SPEED ZONE HOURS WHERE SUCH CLOSURES WILL AFFECT TRAFFIC FLOW IN THE VICINITY OF THE SCHOOL SPEED ZONES.
- 11. TWO CONSTRUCTION INFORMATION SIGNS ARE REQUIRED FOR THIS PROJECT. COST OF THE SIGNS IS INCLUDED IN THE LUMP SUM BID PRICE FOR THIS PROJECT.

DROP OFFS:

1. FOR DROP OFFS, THE CONTRACTOR'S ATTENTION IS DIRECTED TO STANDARD INDEX NO. 600, SHEET 10 OF 13. THE CONTRACTOR SHALL USE SHOULDER TREATMENT DETAIL WHEN NO BARRIERS ARE REQUIRED IN THE PLANS.

MARKINGS:

- 1. COST OF REMOVAL OF WORK ZONE PAVEMENT MARKINGS (INCLUDING PAINT, REMOVABLE TAPE AND MARKERS), REGARDLESS OF METHOD, TO BE INCLUDED IN THE LUMP SUM BID PRICE FOR THIS PROJECT. COST OF REMOVAL OF PAVEMENT MARKINGS AND MARKERS, EXISTING PRIOR TO CONSTRUCTION, TO BE INCLUDED IN THE LUMP SUM PRICE FOR THIS PROJECT.
- 2. ALL TEMPORARY STRIPES AND MARKINGS SHALL BE PAINT ONLY, UNLESS OTHERWISE SPECIFIED ON THE PLANS OR APPROVED BY THE ENGINEER

SIGNALS:

1. ANY SIGNAL MODIFICATIONS WITHIN THE CONSTRUCTION SITE MUST BE MADE BY THE CONTRACTOR. WRITTEN NOTICE OF CHANGES SHOULD BE EMAIL TO THE CITY OF KEY WEST, DOUG BRADSHAW, DBRADSHA@KEYWESTCITY.COM AND KEYS ENERGY, WAYNE DAVILA WAYNE.DAVILA@KEYSENERGY.COM. ANY CHANGE REQUIRED OUTSIDE THE CONSTRUCTION SITE IS TO BE MADE BY KEYS ENERGY AND CONTRACTOR SHALL REIMBURSE KEYS ENERGY FOR WORK AT NO ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR THE DESIGN AND CONSTRUCTION OF TEMPORARY SIGNALIZATION. FOR MAINTENANCE OF THE EXISTING AND/OR TEMPORARY TRAFFIC SIGNAL(S) WITHIN THE PROJECT LIMITS. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR DESIGNING TEMPORARY SIGNALIZATION, PROVIDING AND REMOVING TEMPORARY POLES, RELOCATING TRAFFIC SIGNAL HEADS, TEMPORARY SIGNAL HEADS AND MAINTAINING THE EXISTING AND/OR TEMPORARY TRAFFIC SIGNALS.

WORK ZONE LIMITS:

1. ALL MILLED SURFACES SHALL BE PAVED PRIOR TO OPENING TO TRAFFIC.

INTERSECTIONS:

- 1. ADJACENT INTERSECTIONS SHALL NOT BE CONSTRUCTED SIMULTANEOUSLY UNLESS DIRECTED BY THE ENGINEER.
- 2. M.O.T. TRANSITIONS AND TEMPORARY INTERSECTION CROSSOVERS WHERE CONSTRUCTION HAS CAUSED GRADE DIFFERENCES BETWEEN THE EXISTING AND NEW ROADWAYS SHALL BE CONSTRUCTED USING A 1:20 TYPE SP ASPHALT CONCRETE SLOPE TO ACCOMMODATE VEHICULAR TRAFFIC FROM ANY DIRECTION, ALL MATERIAL AND WORK, INCLUDING ITS REMOVAL, SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR THIS PROJECT.

PEDESTRIANS, BICYCLES, AND WHEELCHAIRS:

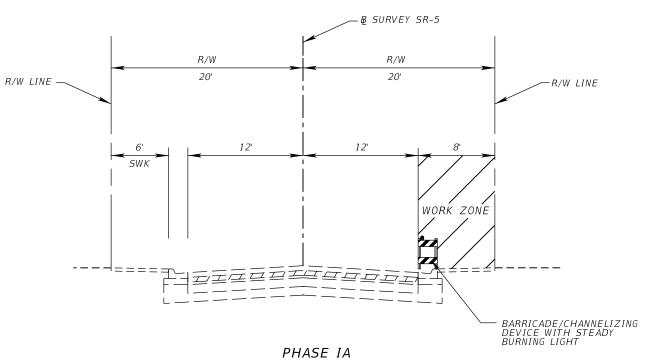
- 1. AT THE END OF EACH WORK DAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE, ANY DROP OFF GREATER THAN 6 IN ADJACENT TO THE PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAVEL PATHS SHALL BE BACKFILLED FLUSH WITH THE SAID PATHS OR PROTECTED WITH TEMPORARY FENCE, CONCRETE BARRIER WALL OR APPROVED HANDRAIL. COST SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR THIS PROJECT.
- 2. CONSTRUCTION ACTIVITIES THAT INVOLVE SIDEWALKS ON BOTH SIDES OF THE STREET ARE NOT ALLOWED UNLESS APPROVED BY THE ENGINEER.

C H Perez & Associates Consulting Engineer, Inc REVISIONS Certificate of Authorization EB-25976 DESCRIPTION DATE DESCRIPTION DATE Doral, Florida 33178 Tel. (305) 592-1070 Fax: (305) 592-1078 Alejandro G. Meitin, P.E. P.E. License No. 44744

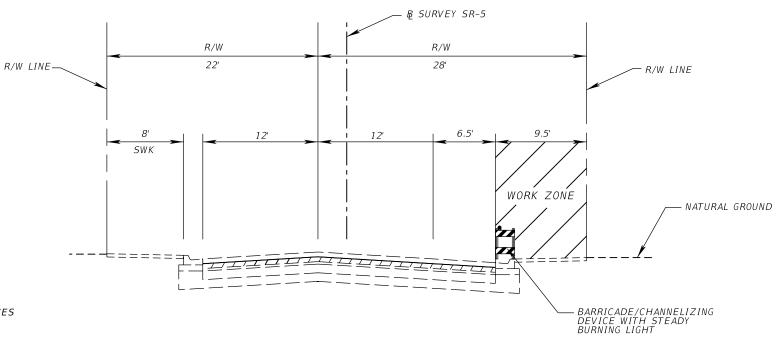
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY FINANCIAL PROJECT ID MONROE 430670-1-52-01

TRAFFIC CONTROL PLAN NOTES

SHEET NO.



STA. 51+26.50 TO STA. 61+55.00



<u>PHASE IA</u>

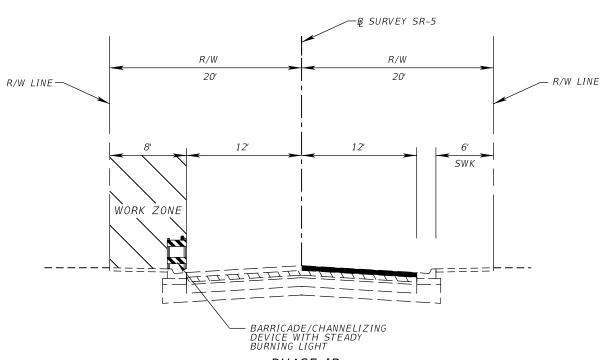
- 1. PLACE SIGNS, BARRICADES TYPE II AND OTHER TRAFFIC CONTROL DEVICES TO CLOSE SIDEWALK TO PEDESTRIAN TRAFFIC AS PER INDEX No. 660.
- 2. CONSTRUCT PEDESTRIAN CURB RAMPS.
- 3. CONSTRUCT LIGHTING AND SIGNAL PULL BOXES WITHIN WORK ZONE.

PHASE IA STA. 61+55.00 TO STA. 100+94.50

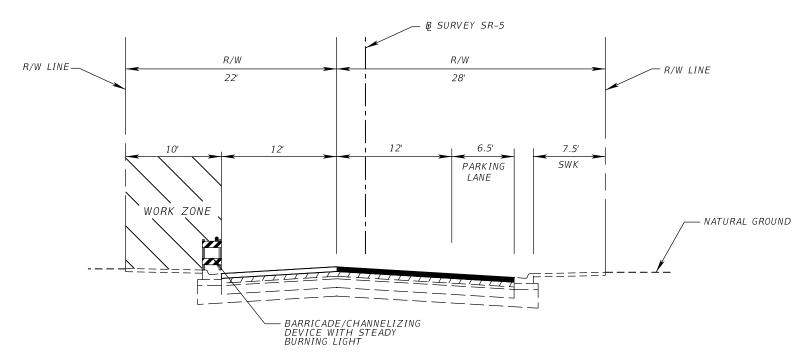
	REVI	SIONS		C H Perez & Associates Consulting Engineer, Ir	ıc.	STATE OF F	LORIDA	
DATE	DESCRIPTION	DATE	DESCRIPTION	Certificate of Authorization EB-25976 9594 NW 41 Street, Suite 201	DEP	ARTMENT OF TRAI		
				Doral, Florida 33178				, ₇₁₇
				Tel. (305) 592-1070 Fax: (305) 592-1078	ROAD NO.	COUNTY	FINANCIAL PROJECT ID]] [] []
				Fax: (305) 592-1078				
				[Alejandro G. Meitin, P.E.	5	MONROE	430670-1-52-01	
		1		P.E. License No. 44744	<u> </u>		1	1

TRAFFIC CONTROL PLANS

SHEET NO. 18



PHASE IB STA. 51+26.50 TO STA. 61+55.00



PHASE IB STA. 61+55.00 TO STA. 100+94.50

<u>PHASE IB</u>

- 1. PLACE SIGNS, BARRICADES TYPE II AND OTHER TRAFFIC CONTROL DEVICES TO CLOSE SIDEWALK TO PEDESTRIAN TRAFFIC AS PER INDEX No. 660.
- 2. CONSTRUCT PEDESTRIAN CURB RAMPS.
- 3. CONSTRUCT LIGHTING AND SIGNAL PULL BOXES WITHIN WORK ZONE.

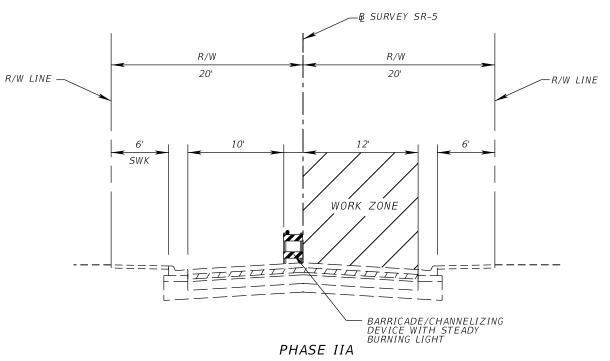
		REVISIONS		C H Perez & Associates Consulting Engineer, Inc.
DATE	DESCRIPTION	DATE	DESCRIPTION	Certificate of Authorization EB-25976 9594 NW 41 Street, Suite 201 Doral, Florida 33178
				Tel. (305) 592-1070 Fax: (305) 592-1078
				Alejandro G. Meitin, P.E.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION						
ROAD NO.	COUNTY	FINANCIAL PROJECT ID				
5	MONROE	430670-1-52-01				

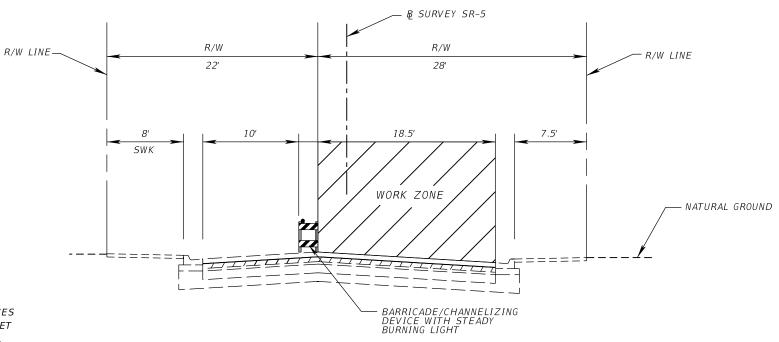
TRAFFIC CONTROL PLANS

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STA. 51+26.50 TO STA. 61+55.00



PHASE IIA STA. 61+55.00 TO STA. 100+94.50

<u>PHASE IIA</u>

- 1. PLACE SIGNS, BARRICADES TYPE II AND OTHER TRAFFIC CONTROL DEVICES TO CLOSE ONE LANE FOR NORTHBOUND TRAFFIC AS SHOWN IN THIS SHEET AS PER INDEX No. 603, 604, AND 605. ONE WAY TRAFFIC CONTROL SHALL BE MAINTAIN THROUGH FLAGGER OPERATION AS PER INDEX 603.
- 2. MAINTAIN SIGNALIZED INTERSECTIONS OPERATIONAL AT ALL TIMES.
- 3. MILL AND RESURFACE.
- 4. INSTALL TRAFFIC SIGNAL LOOPS AS PER INDEX 604 AND TEMPORARY PAVEMENT MARKINGS.

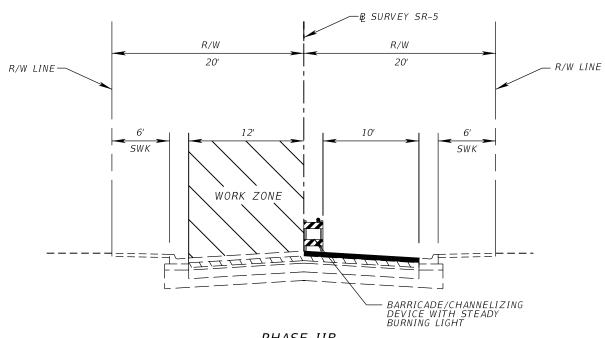
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				Doral, Florida 33178 Tel. (305) 592-1070 Fax: (305) 592-1078 Alejanco G. Meitin, P.E.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION							
ROAD NO.	COUNTY	FINANCIAL PROJECT ID					
5	MONROE	430670-1-52-01					

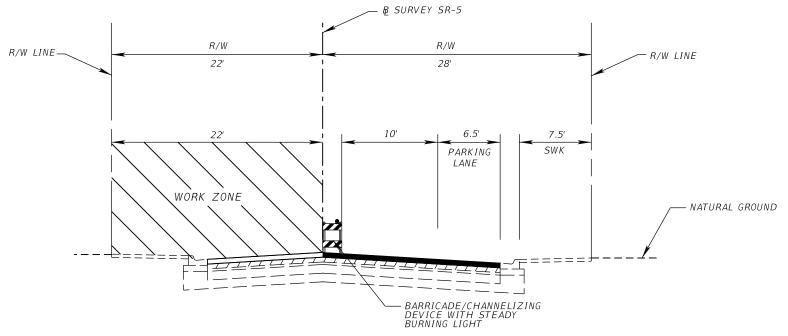
TRAFFIC CONTROL PLANS

SHEET NO. 20

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PHASE IIB STA. 51+26.50 TO STA. 61+55.00



PHASE IIB STA. 61+55.00 TO STA. 100+94.50

PHASE IIB

- 1. PLACE SIGNS, BARRICADES TYPE II AND OTHER TRAFFIC CONTROL DEVICES TO CLOSE ONE LANE FOR NORTHBOUND TRAFFIC AS SHOWN IN THIS SHEET AS PER INDEX No. 603, 604, AND 605. ONE WAY TRAFFIC CONTROL SHALL BE MAINTAIN THROUGH FLAGGER OPERATION AS PER INDEX 603.
- 2. MAINTAIN SIGNALIZED INTERSECTIONS OPERATIONAL AT ALL TIMES.
- 3. MILL AND RESURFACE.
- 4. INSTALL TRAFFIC SIGNAL LOOPS AS PER INDEX 604 AND TEMPORARY PAVEMENT MARKINGS.

<u>PHASE III</u>

- 1. PLACE SIGNS AND ADVANCED WARNING ARROW BOARDS AS PER INDEX No. 605.
- 2. INSTALL THERMOPLASTIC PAVEMENT MARKINGS.

		REVISIONS		C H Perez & Associates Consulting Engineer, Inc.
DATE	DESCRIPTION	DATE	DESCRIPTION	Certificate of Authorization EB-25976 9594 NW 41 Street, Suite 201
				Doral, Florida 33178 Tel. (305) 592-1070 Fax: (305) 592-1078 Alejandro G. Metin, P.E.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION						
ROAD NO.	COUNTY	FINANCIAL PROJECT ID				
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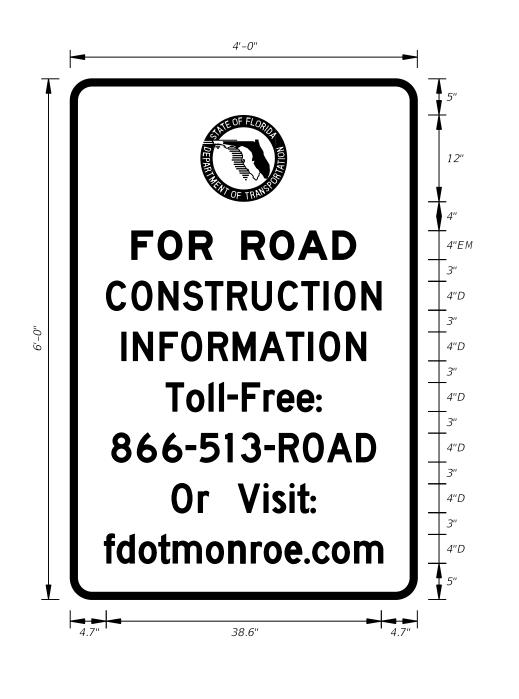
TRAFFIC CONTROL PLANS

SHEET NO.

21



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ATE	DESCRIPTION	DATE	DESCRIPTION	Certificate of Authorization EB-25976 9594 NW 41 Street, Suite 201 Doral, Florida 33178
				Tel. (305) 592-1070 Fax: (305) 592-1078
				Alejandro G. Meitin, P.E.

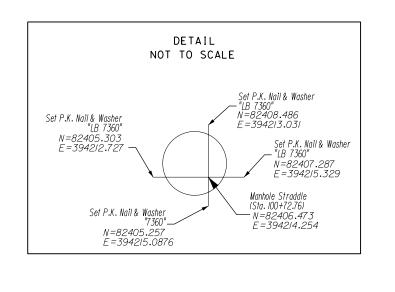
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DAD	NO.	COUNTY	FINANCIAL PROJECT
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MONROE

TRAFFIC CONTROL PLAN SIGN DETAIL

SHEET

430670-1-52-01



SPECIFIC PURPOSE SURVEY

N.A.V.D. 88

N=82406.473 E=394214.254 Georgia st.

Set Straddle (See Detail)

No point set road

E=394380.008

E=389764.758 BEARINGS AND COORDINATES ARE RELATIVE TO THE STATE PLANE COORDINATES, FLORIDA EAST ZONE, NORTH AMERICAN DATUM (NAD) OF 1983 ADJUSTMENT OF 1990 A BEARING OF N53°56'54"E HAS BEEN ESTABLISHED BETWEEN MONUMENTS

PNC-0.3 STAMPED 90-12-PNCO.3 TO PNC-0.5 STAMPED 90-12-PNCO.5 VERTICAL DATUM N.A.V.D. 1988 PROJECT UNITS U.S. SURVEY FEET FIELD BOOK REFERENCES CHP-197, CHP-198, CHP-205, CHP-206 ELECTRONIC DATABASE PROJTR.zip

& Washer

N=79402.120

LEGEND

FDOT - FLORIDA DEPARTMENT OF TRANSPORTATION

S.R.

△ - DENOTES BRASS DISC IN CONCRETE

- POINT ON TANGENT POT

STA = STATION LIMITS: ALONG SR 5/US I(TRUMAN AVE.), FROM WHITEHEAD ST. TO EISENHOWER DR., MONROE COUNTY, FLORIDA.

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THIS SPECIFIC PURPOSE SURVEY WAS MADE FOR THE PURPOSE OF SURVEYING, REFERENCING, DESCRIBING AND MAPPING THE PRIMARY NETWORK CONTROL OR BASELINE FOR THE TRANSPORTATION FACILITY DEPICTED HEREON AND THAT SAID SURVEY WAS DONE UNDER MY RESPONSIBLE CHARGE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE PURSUANT TO SECTION 472.027 FLORIDA STATUTES. THIS MAP CONSISTING OF SHEETS ONE THROUGH TWO IS A TRUE, ACCURATE AND COMPLETE DEPICTION OF THE RESULTS OF A FIELD SURVEY PERFORMED UNDER MY DIRECTION AND COMPLETED ON AUGUST 28th, 2012.

SURVEYOR FRANCISCO L. NUNEZ, JR., PSM NUMBER 6382

C H PEREZ & ASSOCIATES CONSULTING ENGINEERS, INC CERTIFICATE OF AUTHORIZATION NO. EB-25976/LB-7360 REVISIONS DATE DESCRIPTION DATE DESCRIPTION 9594 NW 41 STREET, SUITE 201 MIAMI FLORIDA 33178 305)592-1070 / FAX: (305)592-1078 FRANCISCO L. NUNEZ, JR., P.S.M. P.S.M. LICENSE NO. 6382

NCO.3

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY FINANCIAL PROJECT ID 5 MONROE 430670-1-52-01

PROJECT NETWORK CONTROL

SHEET NO.

CTL-I

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SPECIFIC PURPOSE SURVEY

N.A.V.D. 88

		0.41						(7)	
POINT NAME	(X) EASTING	(Y) NORTHING	SCALE FACTOR	LATITUDE	LONGITUDE	BASELINE STATION	OFFSET	(Z) ELEVATION	DESCRIPTION
PNCO.3	390123.135	79628.616	1.00002235	24°33'01.23211"	81°48'01.48362"	51+27.71	12.83'RT	7.624	SET FDOT BRASS DISK STAMPED "90-12-PNC 0.3"
PNCO.5	390954.596	80233.852	1.00002185	24°33′07.27525″	81°47′52.51679″	61+55.48	23.49' LT	6.635	SET FDOT BRASS DISK STAMPED "90-12-PNC 0.5"
PNCO.7	391820.900	80766.912	1.00002132	24°33′12.60528″	81°47'43.16785"	71+71.74	19.51' RT	5 . 255	SET FDOT BRASS DISK STAMPED "90-12-PNC 0.7"
PNCO.9	392628.744	81358.790	1.00002084	24°33′18.51446″	81°47′34.45550″	81+72.47	18.96' LT	5.715	SET FDOT BRASS DISK STAMPED "90-12-PNC 0.9"
PNCI.I	393484.829	81891.550	1.00002032	24°33'23.84063"	81°47′25.21676″	91+80.09	18.57' RT	5.528	SET FDOT BRASS DISK STAMPED "90-12-PNC 1.1"
PNCI.3	394232.998	82452.772	1.00001987	24°33′29.44248″	81°47'17.14838"	101+14.21	27.88' LT	1.620	SET FDOT BRASS DISK STAMPED "90-12-PNC 1.3"
NOTE:									
'''' ''									
		REVISION	S	<u> </u>	CH PEREZ & ASSOCIATES CONSU	TING ENGINEEDS INC	<u> </u>		
		11 L V 1 3 1 U N .	_		S LINEZ & MOUDOIMILD CONSU	LITOHITELING, INC	i	STATE OF FL	CORIDA

CH PEREZ & ASSOCIATES CONSULTING ENGINEERS, INC CERTIFICATE OF AUTHORIZATION NO. EB-25976 / LB-7360 9594 NW 41 STREET, SUITE 201 MIAMI, FLORIDA 33178 (305)592-1070 / FAX: (305)592-1078 FRANCISCO L. NUÑEZ, JR., PSM P.S.M. LICENSE NO. 6382

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY FINANCIAL PROJECT ID MONROE 430670-1-52-01

PROJECT NETWORK CONTROL

SHEET NO.

CTL-2

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 430670-1-52-01

MONROE COUNTY (90010)

INDEX OF SIGNING AND PAVEMENT MARKING PLANS

SIGNING AND PAVEMENT MARKING NOTES SIGNING AND PAVEMENT MARKING PLAN

SHEET DESCRIPTION

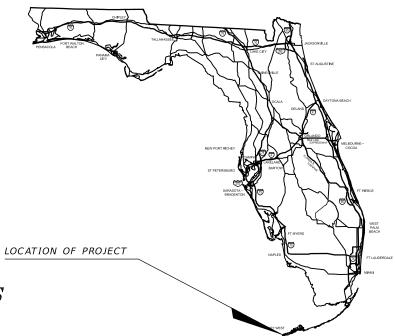
KEY SHEET

SHEET NO.

S-1 S-2 S-3 - S-12

STATE ROAD NO. 5 / TRUMAN AVE AT KEY WEST FROM WHITEHEAD ST TO EISENHOWER DR

SIGNING AND PAVEMENT MARKING PLANS



SIGNING & PAVEMENT MARKING SHOP DRAWINGS TO BE SUBMITTED TO:

ALEJANDRO G. MEITIN, P.E. CH PEREZ & ASSOC. CONSULTING ENGINEERS 9594 NW 41 STREET, SUITE 201 DORAL, FLORIDA 33178

PLANS PREPARED BY:

CH PEREZ & ASSOC. CONSULTING ENGINEERS 9594 NW 41 STREET, SUITE 201 MIAMI, FLORIDA 33178 (305)592-1070 | FAX: (305)592-1078

CONTRACT No.: VENDOR No.: 55-0866252 CERTIFICATE OF AUTHORIZATION NO. EB-25976

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

KEY	SHEET REVISIONS
DATE	DESCRIPTION

SIGNING AND PAVEMENT MARKING PLANS ENGINEER OF RECORD: ALEJANDRO G. MEITIN, P.E.

P.E. NO.: 44744

FISCAL YEAR	SHEET NO.
15	S-1

FDOT PROJECT MANAGER: ALI TOGHIANI, P.E.

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SIGNING AND PAVEMENT MARKING NOTES:

- 1. ALL SIGNING AND PAVEMENT MARKINGS INSTALLED AS PART OF THESE PLANS SHALL CONFORM TO THE 2009 EDITION OF THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS, FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS. ALL SIGN PANELS SHALL BE FABRICATED TO COMPLY WITH THE MOST RECENT EDITION OF THE FEDERAL HIGHWAY AND ADMINISTRATION STANDARD HIGHWAY SIGNS.
- 2. THE CONTRACTOR SHALL MATCH EXISTING PAVEMENT MARKINGS AT THE BEGINNING AND THE END OF THE PROJECT AND AT ALL SIDE STREETS WITHOUT JOGS AND OFFSETS.
- 3. SIGN ASSEMBLY LOCATIONS SHOWN ON PLANS WHICH ARE IN CONFLICT WITH LIGHTING, UTILITIES, DRIVEWAYS, WHEELCHAIR RAMPS, ETC., MAY BE ADJUSTED SLIGHTLY AS DIRECTED BY THE ENGINEER. EXTREME LOCATION CHANGES MUST BE APPROVED BY THE DISTRICT TRAFFIC OPERATION DEPARTMENT.
- 4. INCORRECTLY PLACED THERMOPLASTIC OR PAINT MARKINGS OVER FRICTION COURSE WILL BE REMOVED BY MILLING AND REPLACING THE FRICTION COURSE A MINIMUM WIDTH OF 18 IN AT THE CONTRACTOR'S EXPENSE. THE ENGINEER MAY APPROVE AN ALTERNATIVE METHOD IF IT CAN BE DEMONSTRATED TO COMPLETELY REMOVE THE MARKINGS WITHOUT DAMAGING THE ASPHALT.
- 5. THE CONTRACTOR SHALL RELOCATE ALL EXISTING POST-MOUNTED STREET NAME AND STOP SIGNS TO A VISIBLE AREA UNDISTURBED BY THE CONSTRUCTION SO AS TO MINIMIZE DAMAGE TO THE SIGNS DURING CONSTRUCTION. THE STREET NAME SHALL BE REATTACHED TO THE TOP OF THE NEW STOP SIGNS ON MINOR SIDE STREETS AT THE END OF CONSTRUCTION. THE NEW STOP SIGN POST SHALL HAVE ADEQUATE LENGTH TO ACCOMMODATE THE EXISTING STREET NAMES AT THE TOP. COST OF RELOCATION AND REATTACHMENT OF STREET NAME SIGN SHALL BE PAID IN THE LUMP SUM BID PRICE FOR THIS PROJECT.
- 6. EXTRUDED ALUMINUM SIGN SUPPORT CLAMPS ARE NOT ACCEPTABLE. ALL RELOCATED SIGNS MUST COMPLY WITH THE STANDARD SPECIFICATIONS, SPECIAL PROVISIONS AND ROADWAY DESIGN AND TRAFFIC STANDARDS AS IF THEY WERE NEW SIGNS. IF EXISTING CLAMPS, BRACKETS, POLES, ETC. NEED TO BE REPLACED THE COST SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR THIS PROJECT.
- 7. THE CONTRACTOR SHALL SUBMIT A LIST OF THE EXISTING SIGNS TO THE PROJECT ENGINEER AT THE PRE-CONSTRUCTION CONFERENCE. ANY LOST OR DAMAGED DURING CONSTRUCTION SIGNS SHALL BE REPLACED AT NO ADDITIONAL COST. COST OF MAINTAINING OF EXISTING SIGNS TO BE INCLUDED IN THE LUMP SUM BID PRICE FOR THIS PROJECT.
- 8. ALL EXISTING SIGNS ARE TO REMAIN UNLESS OTHERWISE NOTED ON THE PLANS.
- 9. PORTIONS OF EXISTING CURB FACES AND TOPS ALONG ROADWAY ARE PAINTED. CONTRACTOR IS TO PAINT PROPOSED CURB FACES AND TOPS WHERE CURB & GUTTER IS BEING REPLACED AND IS CURRENTLY PAINTED. EXISTING ADA HANDICAPPED PARKING SPACES ARE TO BE REPAINTED WITH THERMOPLASTIC PAINT. INCLUDES THE COST OF PAINTING CURB FACE AND TOP RED OR YELLOW TO MATCH EXISTING CONDITIONS AS WELL AS REPAINT HANDICAPPED PARKING SPACES AS THEY EXIST.
- 10. THE CONTRACTOR SHALL INCLUDE THE COST FOR THE COMPLETE REMOVAL OF EXISTING SIGNAL LOOPS EXTENDING BEYOND THE LIMITS OF MILLING AND RESURFACING.

		REVISIONS		C H Perez & Associates Consulting Engineer, Inc
DATE	DESCRIPTION	DATE	DESCRIPTION	Certificate of Authorization EB-25976 9594 NW 41 Street, Suite 201
				Doral, Florida 33178 Tel. (305) 592-1070 Fax: (305) 592-1078
				Alejandro G. Meitin, P.E. P.E. License No. 44744

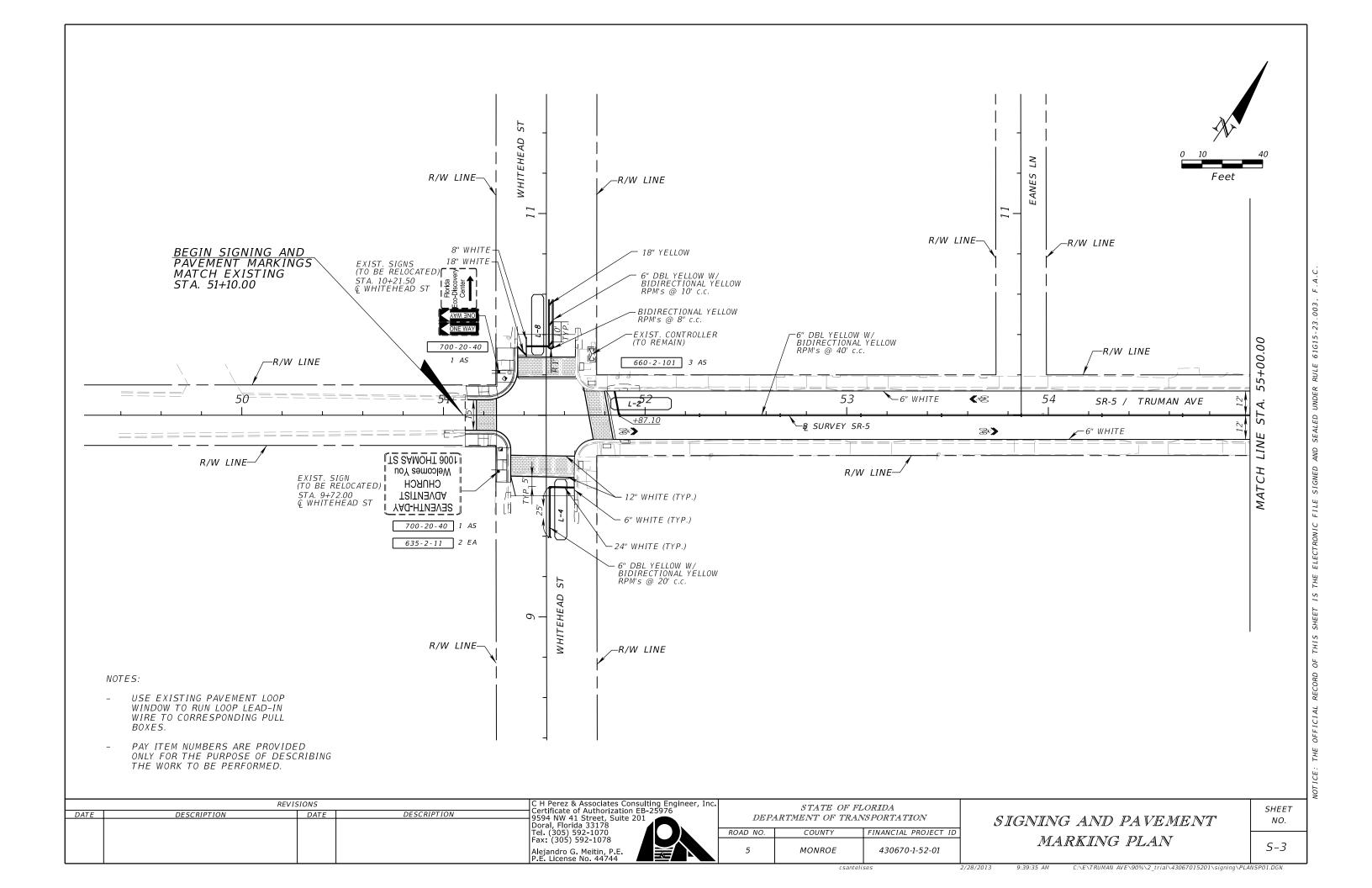
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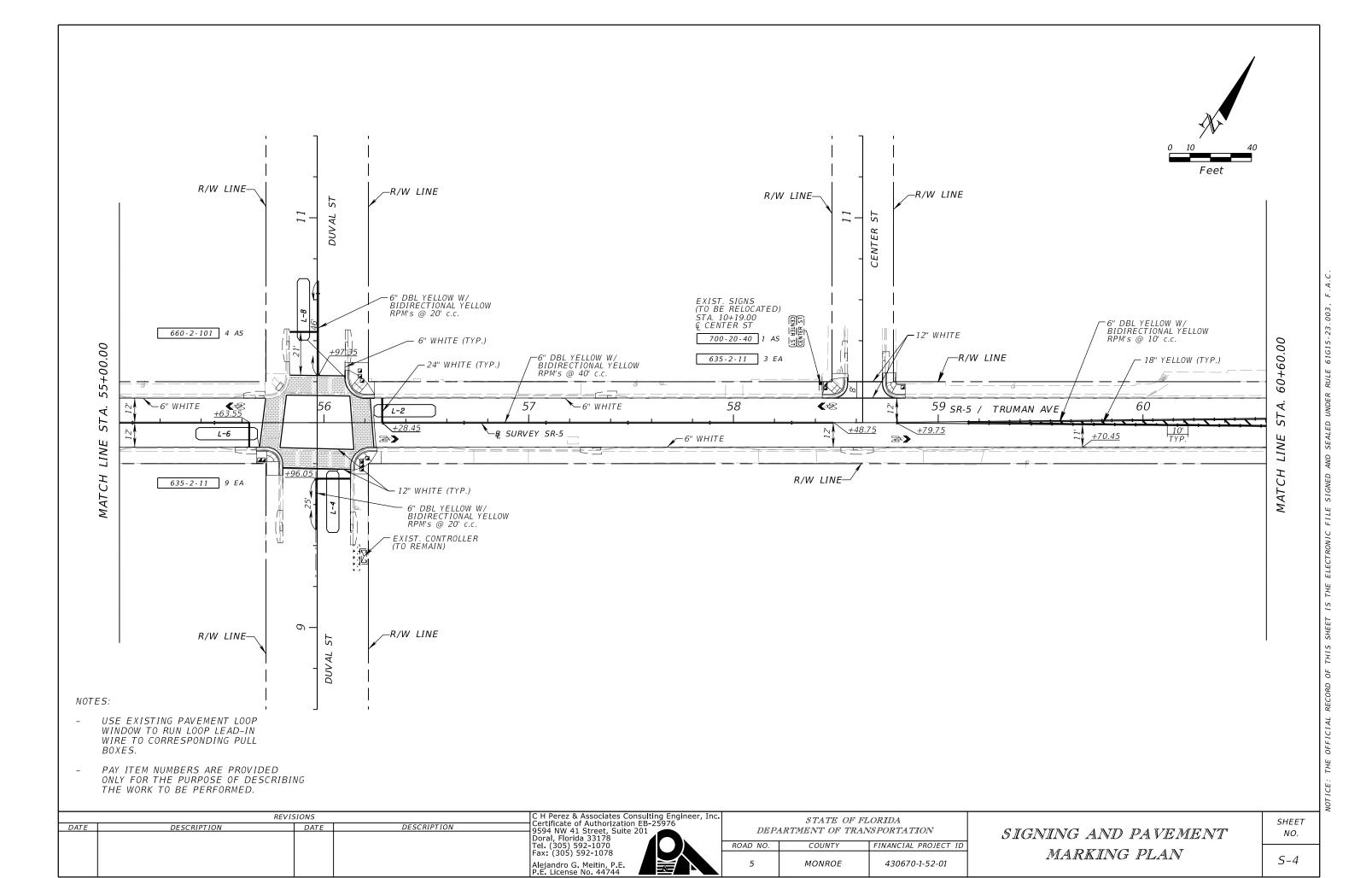
ROAD NO. COUNTY FINANCIAL PROJECT ID MONROE 430670-1-52-01

SIGNING AND PAVEMENT MARKING NOTES

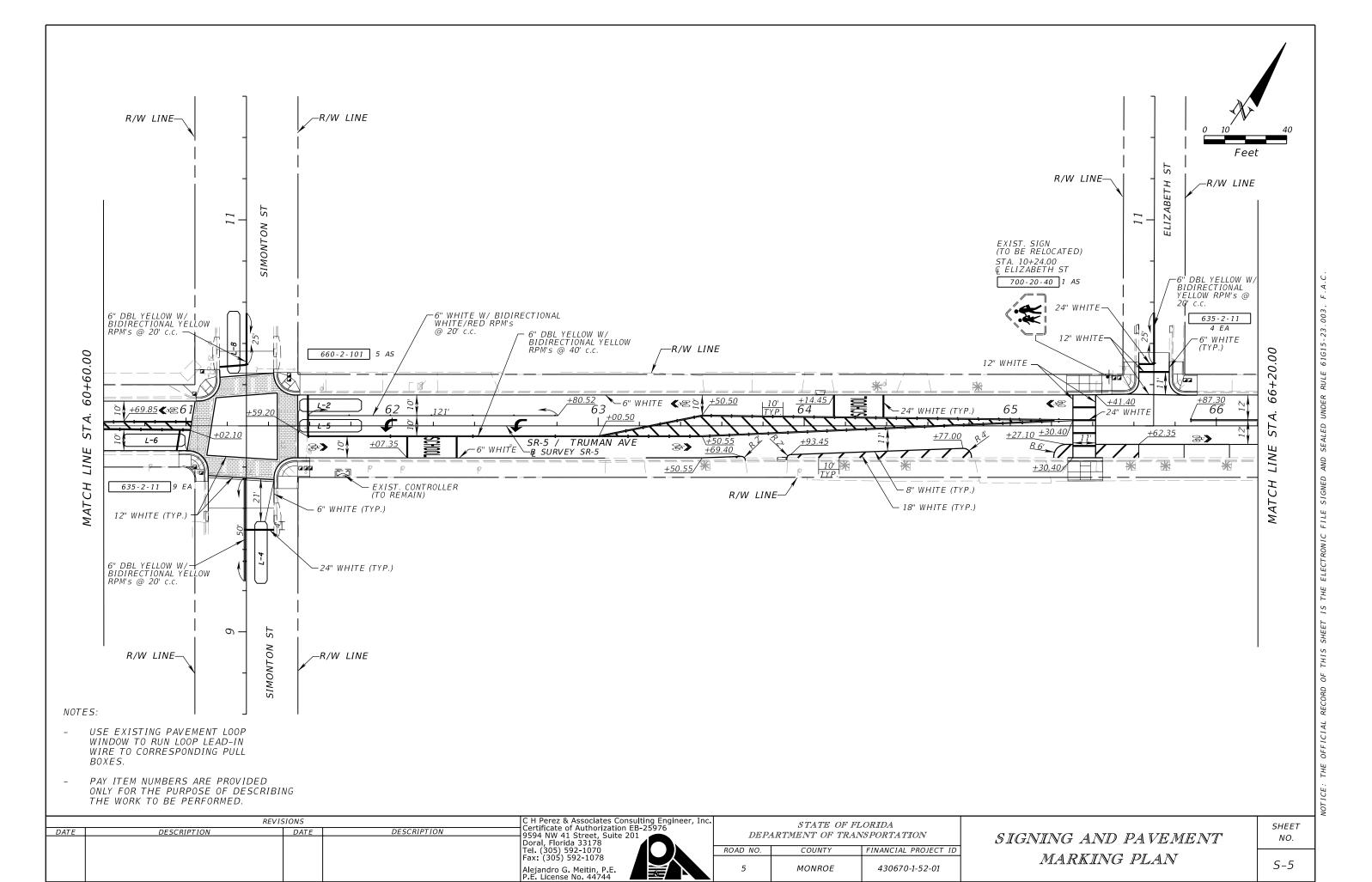
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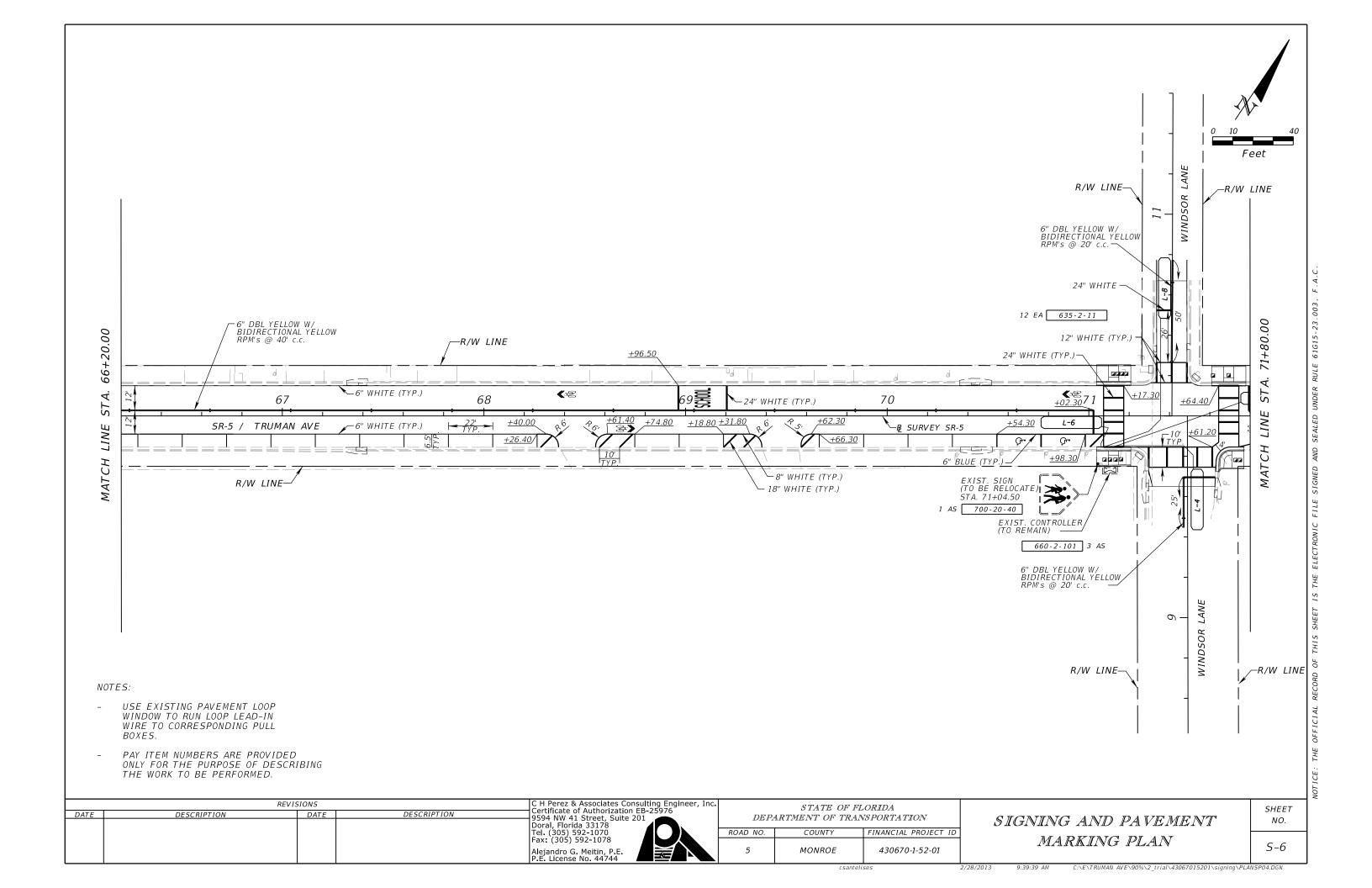
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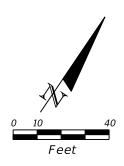


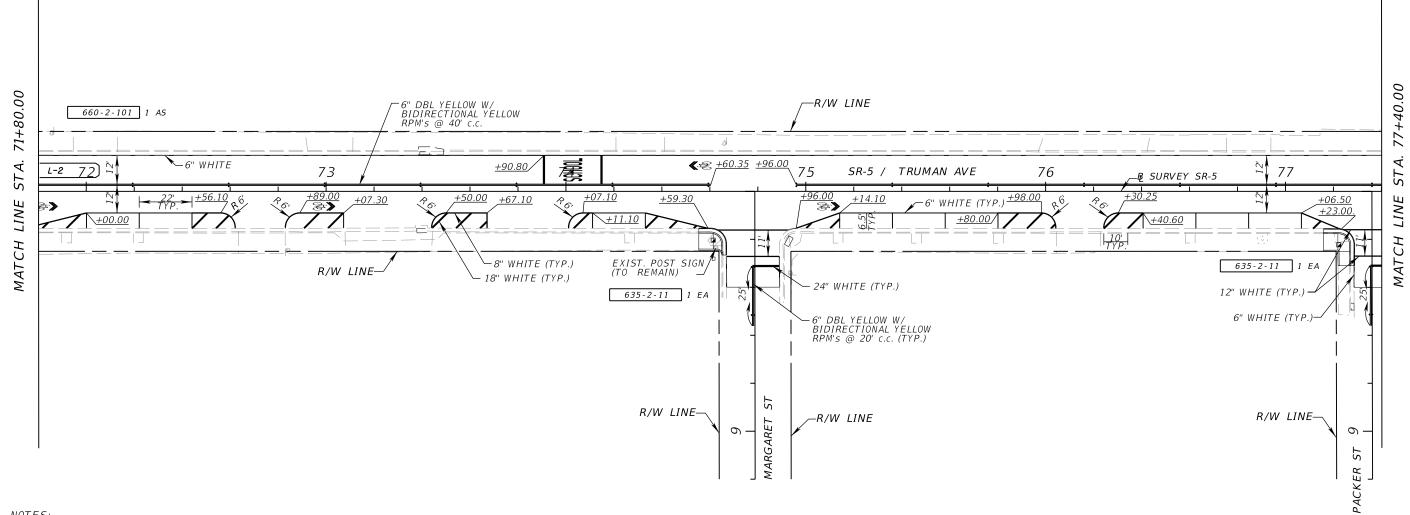


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NOTES:

- USE EXISTING PAVEMENT LOOP WINDOW TO RUN LOOP LEAD-IN WIRE TO CORRESPONDING PULL BOXES.
- PAY ITEM NUMBERS ARE PROVIDED ONLY FOR THE PURPOSE OF DESCRIBING THE WORK TO BE PERFORMED.

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				Doral, Florida 3
				Tel. (305) 592-
				Fax: (305) 592-
				Alejandro G. Me

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Street, Suite 201
3 33178
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92-1078 Alejandro G. Meitin, P.E. P.E. License No. 44744

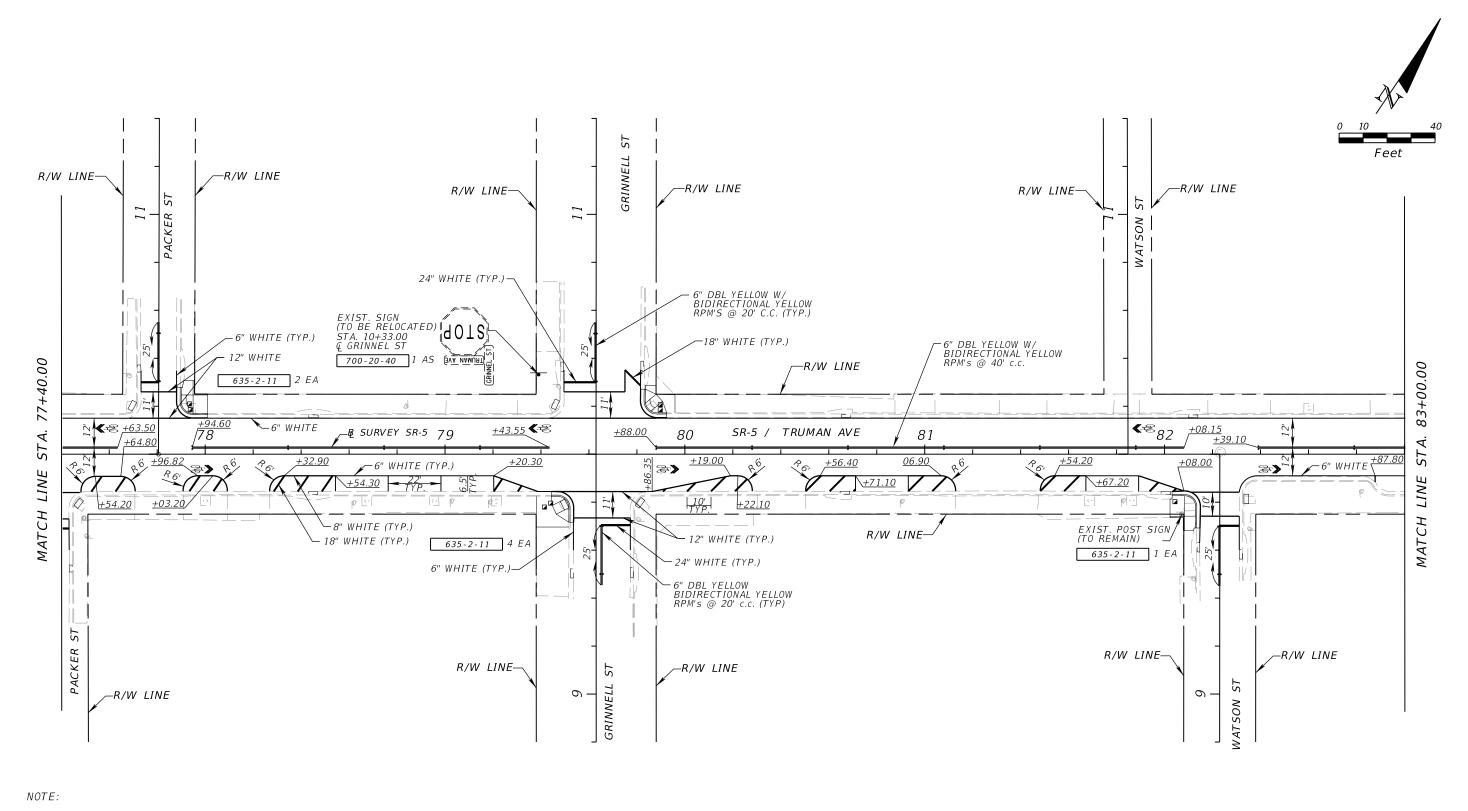
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY FINANCIAL PROJECT ID

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SIGNING AND PAVEMENT MARKING PLAN

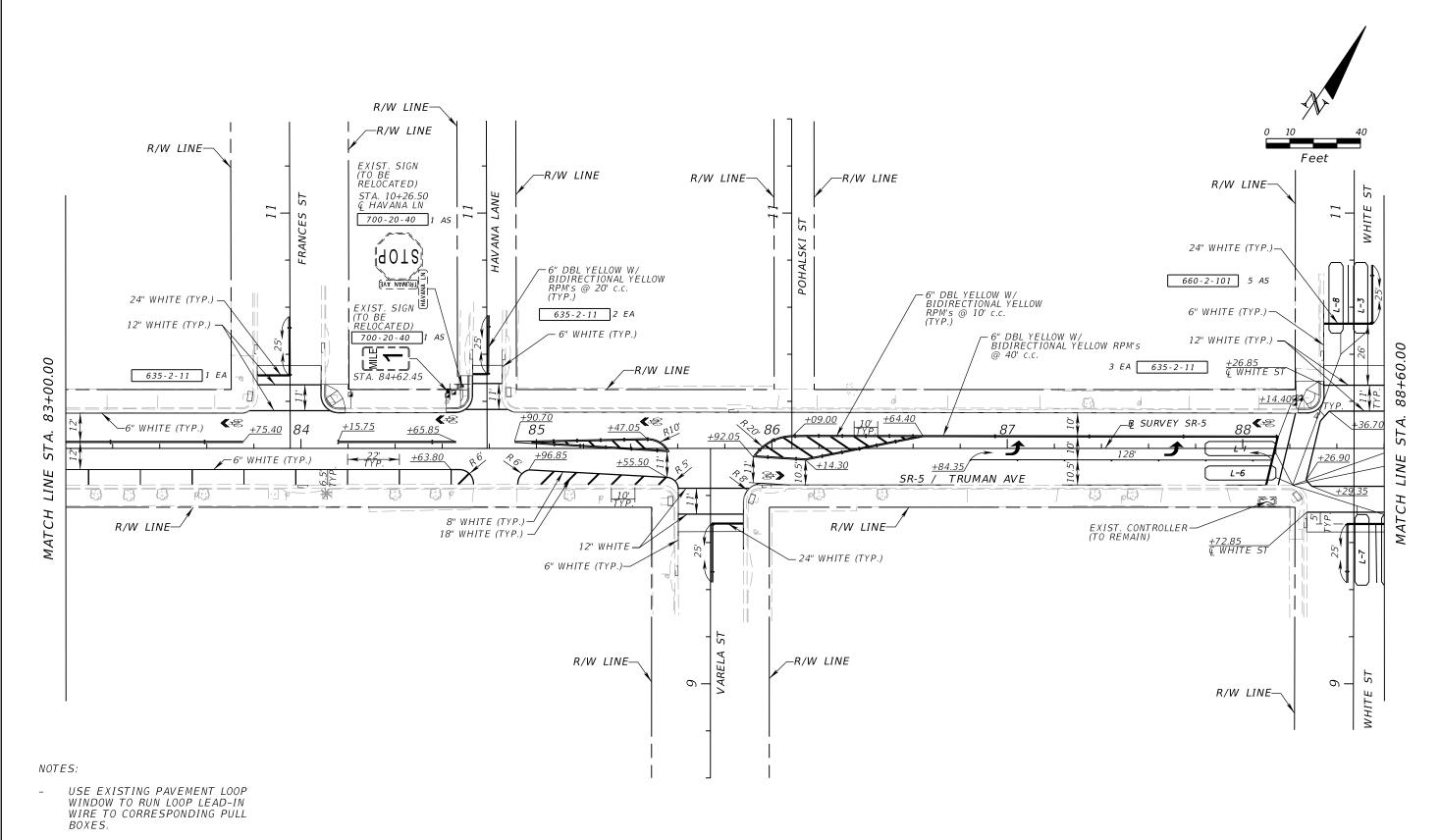
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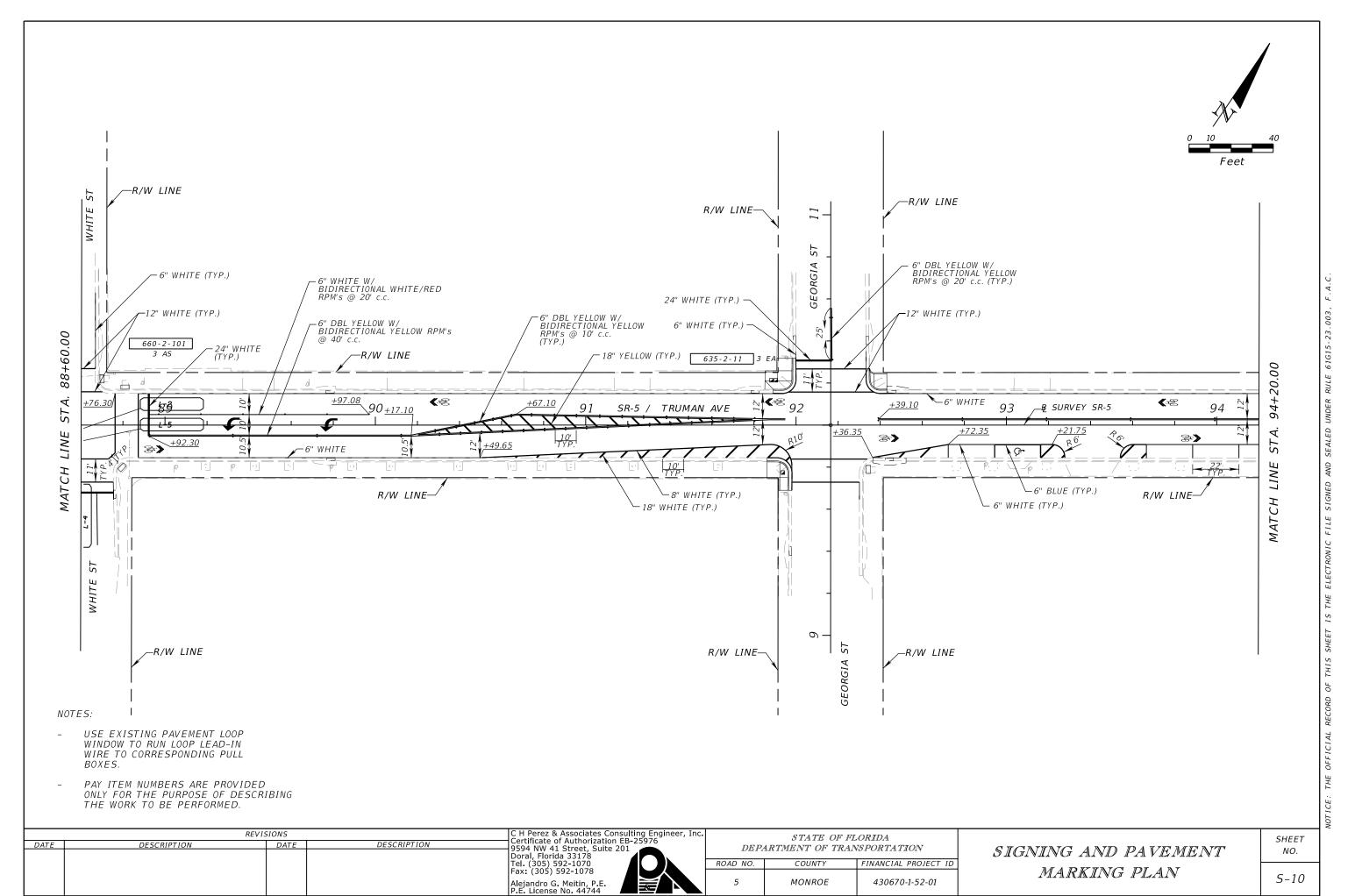
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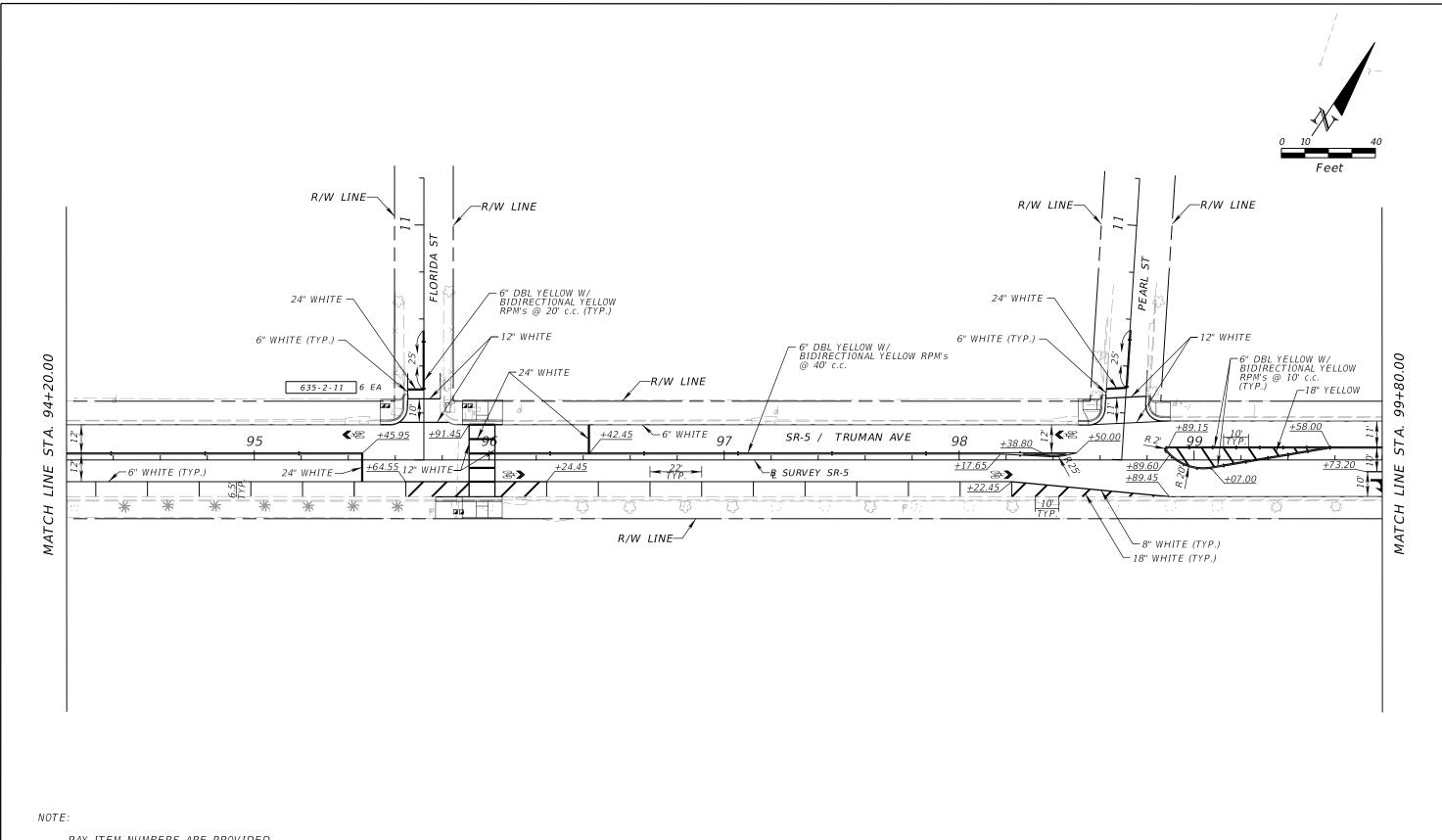
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Alejandro G. Meitin, P.E. P.E. License No. 44744 5 MONROE 430670-1-52-01	PLAIN		<i>S-8</i>



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		REVISIONS		C H Perez & Associates Consulting Engineer, Inc. Certificate of Authorization EB-25976		STATE OF	FLORIDA		SHEET
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				Doral, Florida 33178 Tel. (305) 592-1070 Fax: (305) 592-1078	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	MARKING PLAN	<i>c</i> 0
				Alejandro G. Meitin, P.E. P.E. License No. 44744	5	MONROE	430670-1-52-01		3-9





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Fax: (305) 592-1078 Alejandro G. Meitin, P.E. P.E. License No. 44744	ATE	DESCRIPTION D.	DATE DESCRIPTION	Doral, Florida 33178 Tel. (305) 592-1070 Fax: (305) 592-1078 Alejandro G. Meitin, P.E.

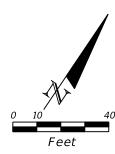
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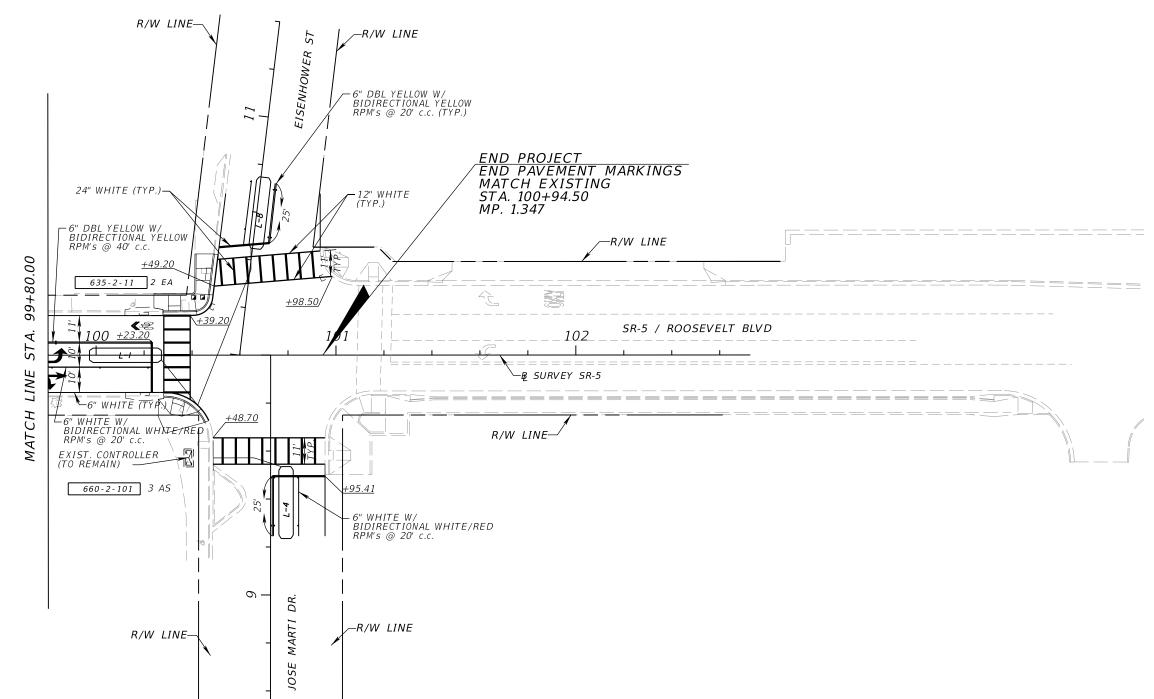
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SIGNING AND PAVEMENT MARKING PLAN

SHEET NO.

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NOTES:

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

ROAD NO. COUNTY FINANCIAL PROJECT ID MONROE 430670-1-52-01

SIGNING AND PAVEMENT MARKING PLAN

SHEET NO.

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