

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

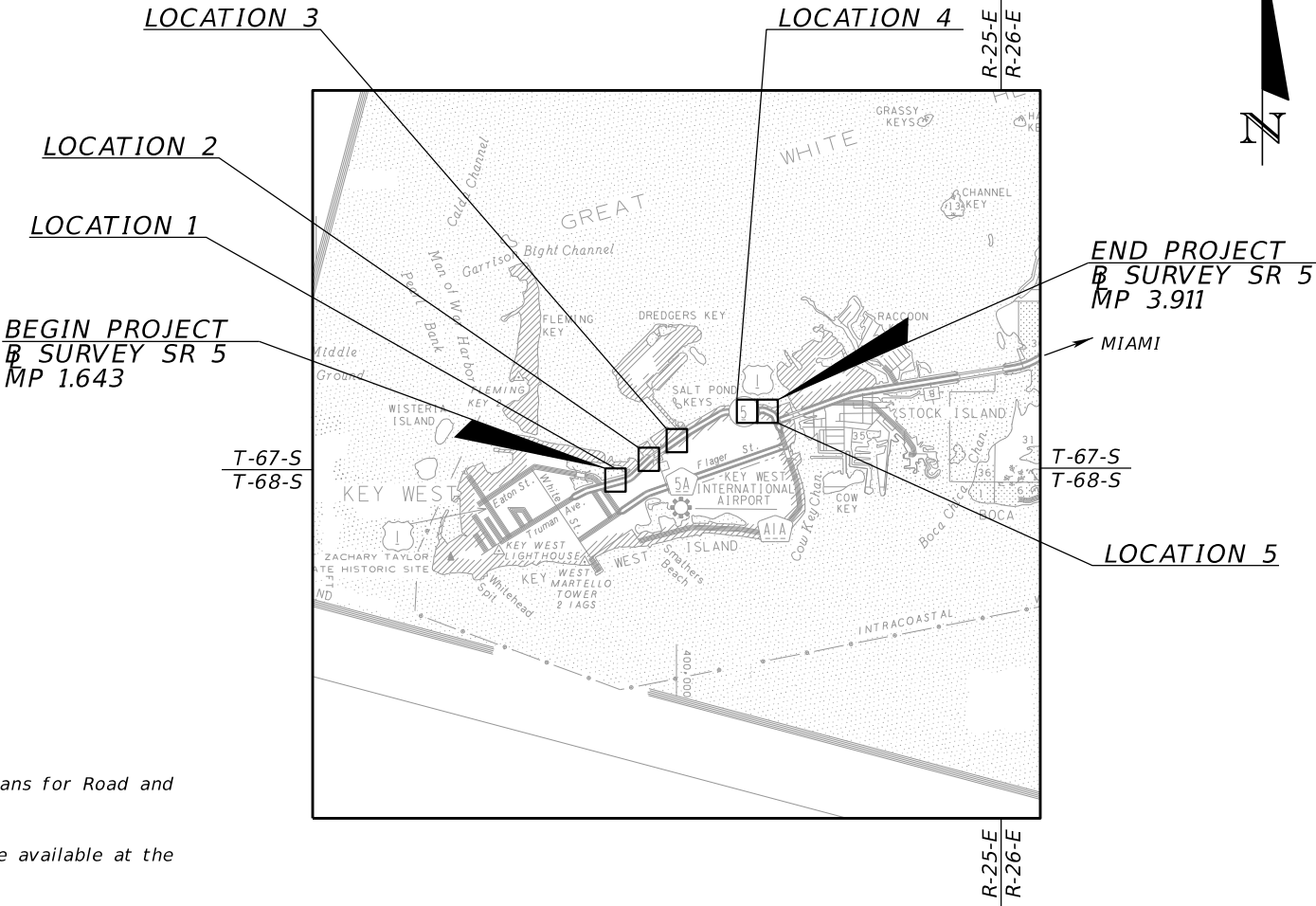
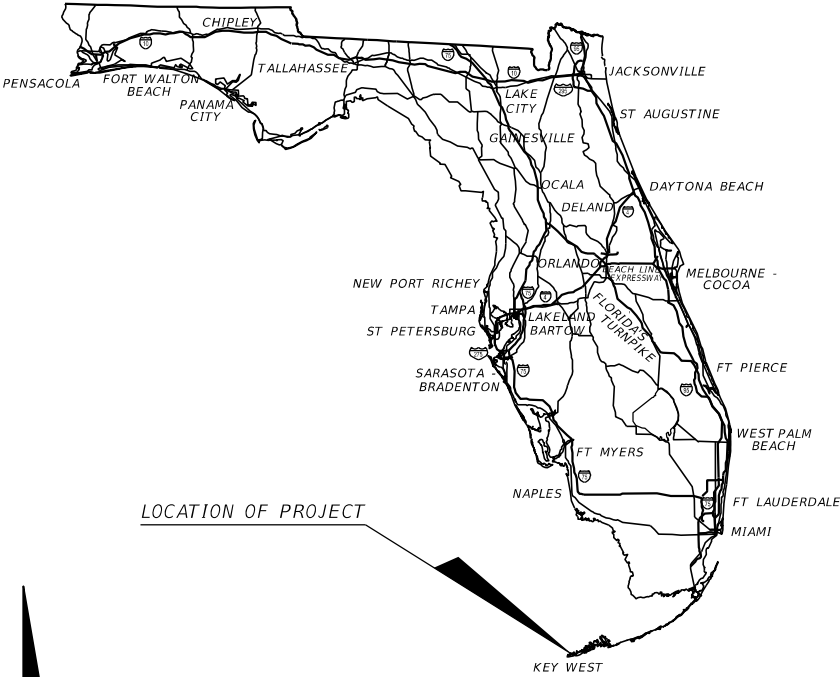
FINANCIAL PROJECT ID 442039-1-52-01
MONROE COUNTY (90010)

STATE ROAD NO. 5

N. ROOSEVELT BLVD
FROM 1st STREET / PALM AVE TO US-1 / SR-5

INDEX OF LIGHTING PLANS

SHEET NO.	SHEET DESCRIPTION
T-1	KEY SHEET
T-2 - T-3	PROJECT LAYOUT
T-4 - T-8	SIGNALIZATION PLAN
CTL-1 - CTL-5	PROJECT CONTROL



PRELIMINARY PLANS
FOR UTILITY CONTACT ONLY
(NOT FOR CONSTRUCTION)
NOVEMBER 15, 2017

SIGNALIZATION PLANS
ENGINEER OF RECORD:

EITHEL M. SIERRA, P.E.
P.E. NO.: 55401
APCTE, CORP.
10305 NW 41 STREET, SUITE 115
MIAMI, FLORIDA 33178
CONTRACT NO.:
VENDOR NO.: 65-0770583
CERTIFICATE OF AUTHORIZATION NO.: EB-0007797

FDOT PROJECT MANAGER:

MARIA I. PERDOMO, P.E.

GOVERNING STANDARDS PLANS:

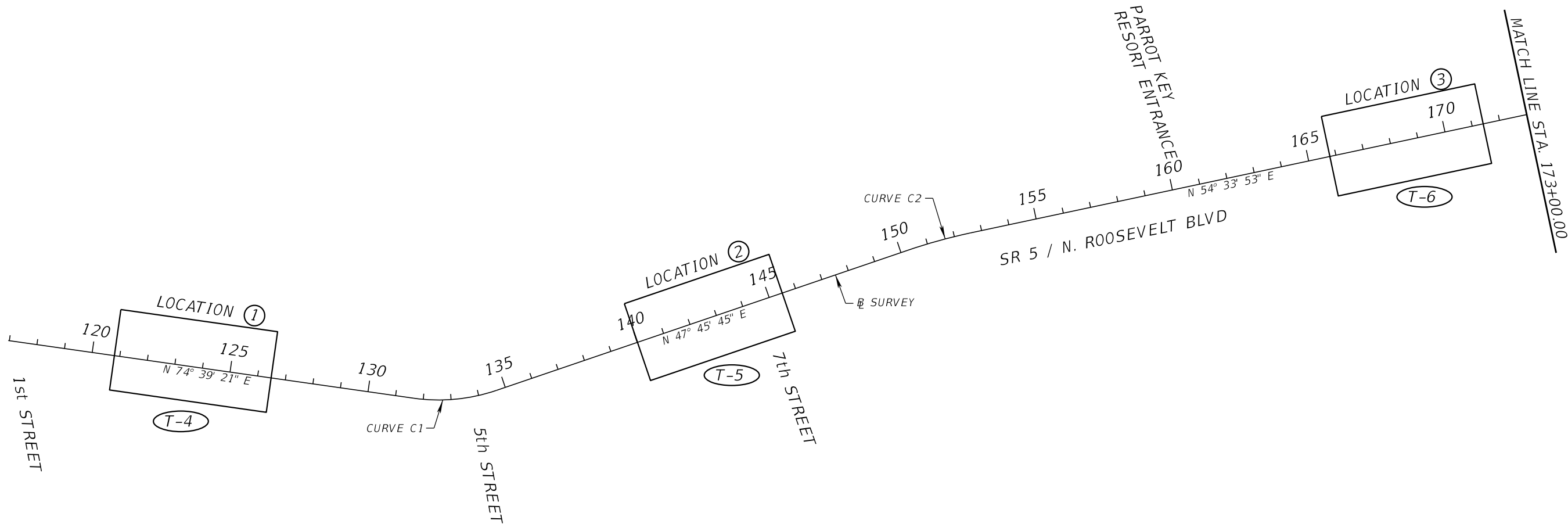
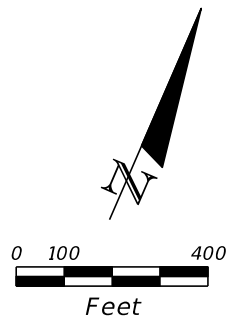
Florida Department of Transportation, FY2018-19 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

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

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, July 2018 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
TBD	18	T-1



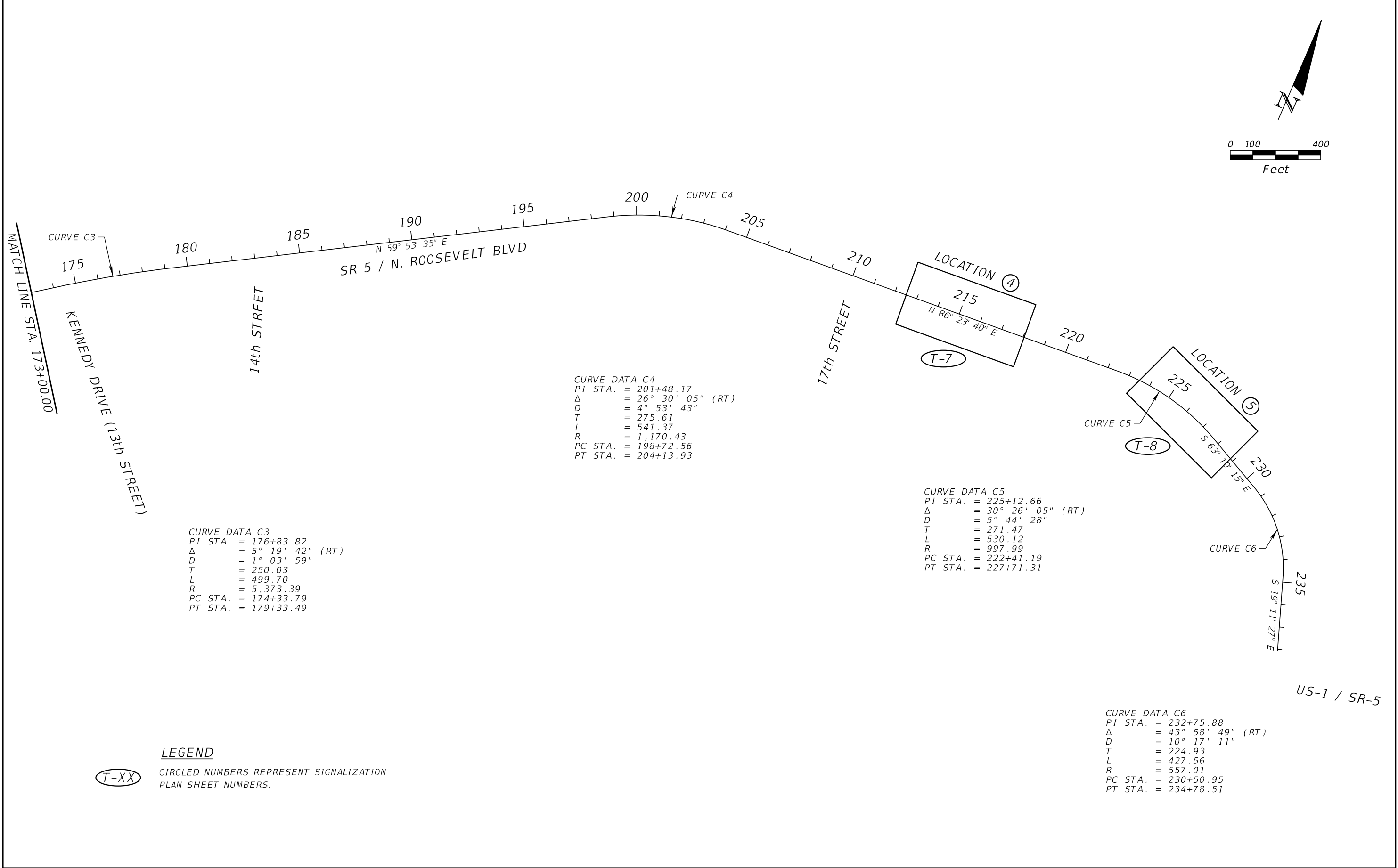
LEGEND
CIRCLED NUMBERS REPRESENT SIGNALIZATION
PLAN SHEET NUMBERS.

CURVE DATA C1
PI STA. = 133+18.27
Δ = 26° 53' 36" (LT)
D = 8° 57' 09"
T = 153.02
L = 300.40
R = 640.00
PC STA. = 131+65.25
PT STA. = 134+65.65

CURVE DATA C2
PI STA. = 151+40.76
Δ = 6° 48' 09" (RT)
D = 2° 53' 54"
T = 117.49
L = 234.70
R = 1,976.86
PC STA. = 150+23.27
PT STA. = 152+57.97

REVISIONS				A&P Consulting Transportation Engineers Corp. 10305 N.W. 41 Street, suite 115 Miami, FL 33178 (305) 592-7283 / fax: (305) 593-1594 CA No. : EB-0007797 Eithel M. Sierra, P.E. No. 55401	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 5	MONROE	442039-1-52-01		T-2

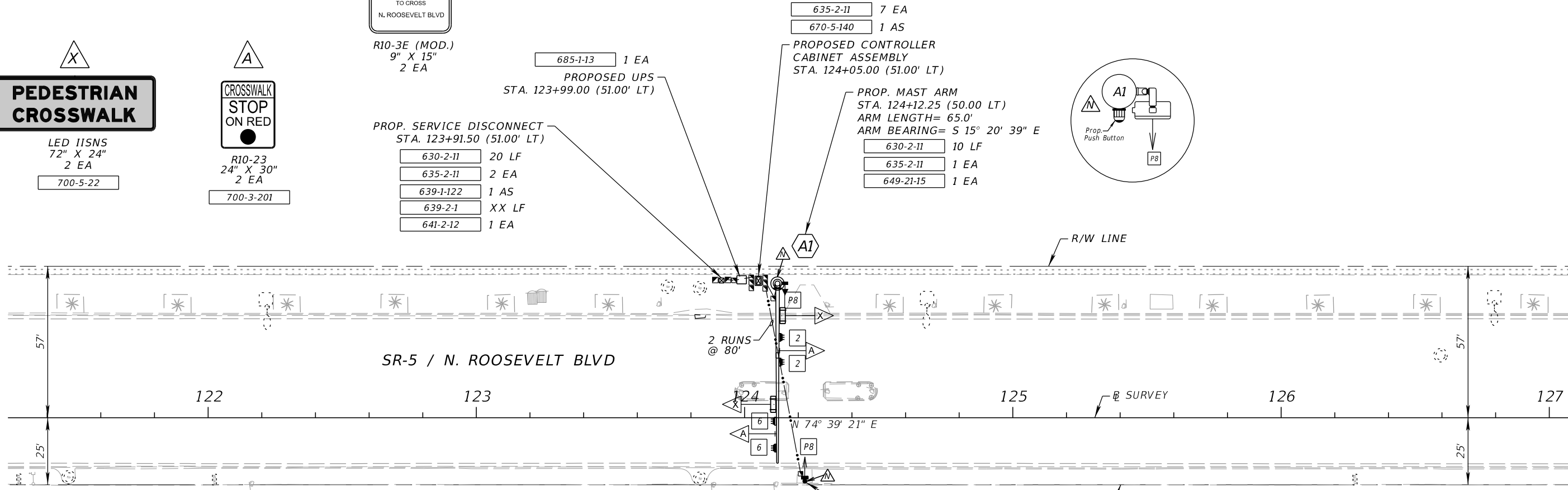
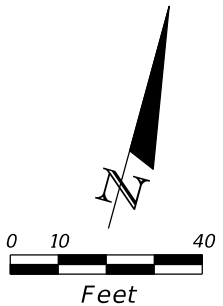
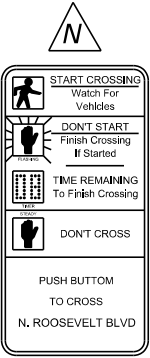
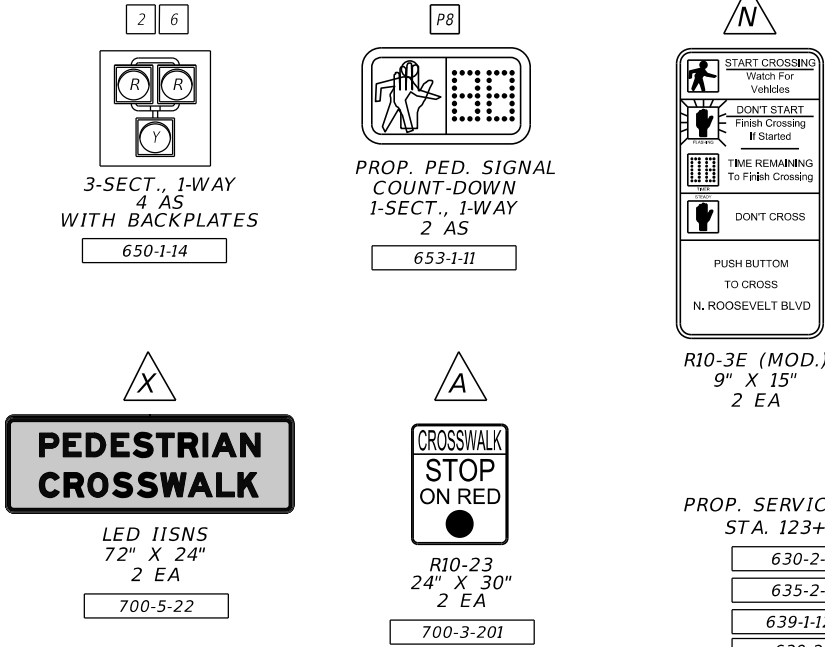
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				A&P Consulting Transportation Engineers Corp. 10305 N.W. 41 Street, suite 115 Miami, FL 33178 (305) 592-7283 / fax: (305) 593-1594 CA No. : EB-0007797 Eithel M. Sierra, P.E. No. 55401	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		T-3
					SR 5	MONROE	442039-1-52-01		

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

SIGNAL HEAD & SIGN DETAILS

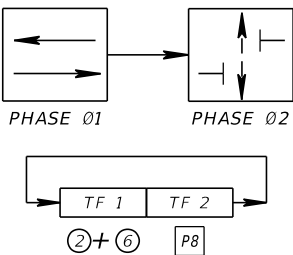


PEDESTRIAN HYBRID BEACON
SIGNALIZATION DISPLAY SEQUENCE

CONTROLLER OPERATIONS

1. MAJOR STREET: SR-5 / N. ROOSEVELT BLVD.
2. S.O.P.: AS SHOWN.
3. PEDESTRIAN SIGNAL P8 UPON ACTUATION ONLY.

S.O.P.

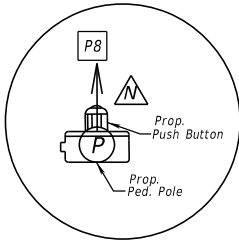


VEHICLE DISPLAY	PEDESTRIAN DISPLAY	PEDESTRIAN PHASE
BLANK	DON'T WALK	0
FLASHING YELLOW	DON'T WALK	1
YELLOW	DON'T WALK	2
RED	DON'T WALK	3
RED	WALK	4
FLASHING RED	FLASHING DON'T WALK	5
BLANK	DON'T WALK	0

SIGNAL TIMINGS _b (P-8)	SEC.	PED. PHASE
MINIMUM DWELL (DARK)	Varies	DON'T WALK
FLASHING YELLOW	6.0	DON'T WALK
STEADY YELLOW	6.0	DON'T WALK
STEADY RED (ALL RED)	2.0	DON'T WALK
STEADY RED (WALK INTERVAL)	7.0	WALK
FLASHING RED (CLEARANCE)	16.0	F.D.W.
F.D.W. = FLASHING DON'T WALK		

PROP. PEDESTRIAN PEDESTAL
STA. 124+22.50 (23.5' RT)

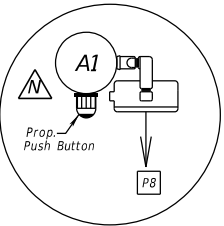
- 630-2-11 10 LF
- 635-2-11 1 EA
- 646-1-11 1 EA
- 665-1-11 1 EA



- 635-2-11 7 EA
- 670-5-140 1 AS

PROPOSED CONTROLLER
CABINET ASSEMBLY
STA. 124+05.00 (51.00' LT)

- PROP. MAST ARM
STA. 124+12.25 (50.00 LT)
ARM LENGTH= 65.0'
ARM BEARING= S 15° 20' 39" E
- 630-2-11 10 LF
- 635-2-11 1 EA
- 649-21-15 1 EA



LOCATION ① (WEST OF 4th STREET)

REVISIONS				A&P Consulting Transportation Engineers Corp. 10305 N.W. 41 Street, suite 115 Miami, FL 33178 (305) 592-7283 / fax: (305) 593-1594 CA No. : EB-0007797 Eithel M. Sierra, P.E. No. 55401	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNALIZATION PLAN	SHEET NO. T-4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 5	MONROE	442039-1-52-01		

SIGNAL HEAD & SIGN DETAILS

2

6

3-SECT., 1-WAY
4 AS
WITH BACKPLATES
650-1-14

P8

PROP. PED. SIGNAL
COUNT-DOWN
1-SECT., 1-WAY
2 AS
653-1-11

N

R10-3E (MOD.)
9" X 15"
2 EA

LED 11SNS
72" X 24"
2 EA
700-5-22

A

CROSSWALK
STOP
ON RED
R10-23
24" X 30"
2 EA
700-3-201

KEY WEST LIONS CLUB

A2

Prop. Push Button

P8

635-2-11 7 EA
670-5-140 1 AS
PROPOSED CONTROLLER
CABINET ASSEMBLY
STA. 143+66.00 (49.00' LT)

685-1-13 1 EA

PROPOSED UPS
STA. 143+72.50 (49.00' LT)

630-2-11 20 LF
635-2-11 2 EA
639-2-1 XX LF
639-1-122 1 AS
641-2-12 1 EA

PROP. SERVICE DISCONNECT
STA. 143+80.25 (49.50' LT)

630-2-11 10 LF
635-2-11 1 EA
649-21-15 1 EA

PROP. MAST ARM
STA. 143+40.75 (48.00 LT)
ARM LENGTH= 65.0'
ARM BEARING= S 42° 14' 17" E

CONTROLLER OPERATIONS

1. MAJOR STREET: SR-5 / N. ROOSEVELT BLVD.

2. S.O.P.: AS SHOWN.

3. PEDESTRIAN SIGNAL UPON ACTUATION ONLY.

S.O.P.

PHASE 01 PHASE 02

TF 1

TF 2

②+⑥ P8

PEDESTRIAN HYBRID BEACON
SIGNALIZATION DISPLAY SEQUENCE

VEHICLE DISPLAY	PEDESTRIAN DISPLAY	PEDESTRIAN PHASE
BLANK	DON'T WALK	0
FLASHING YELLOW	DON'T WALK	1
YELLOW	DON'T WALK	2
RED	DON'T WALK	3
RED	WALK	4
FLASHING RED	FLASHING DON'T WALK	5
BLANK	DON'T WALK	0

SIGNAL TIMINGS _b (P-4)	SEC.	PED. PHASE
MINIMUM DWELL (DARK)	Varies	DON'T WALK
FLASHING YELLOW	6.0	DON'T WALK
STEADY YELLOW	6.0	DON'T WALK
STEADY RED (ALL RED)	2.0	DON'T WALK
STEADY RED (WALK INTERVAL)	7.0	WALK
FLASHING RED (CLEARANCE)	16.0	F.D.W.
F.D.W. = FLASHING DON'T WALK		

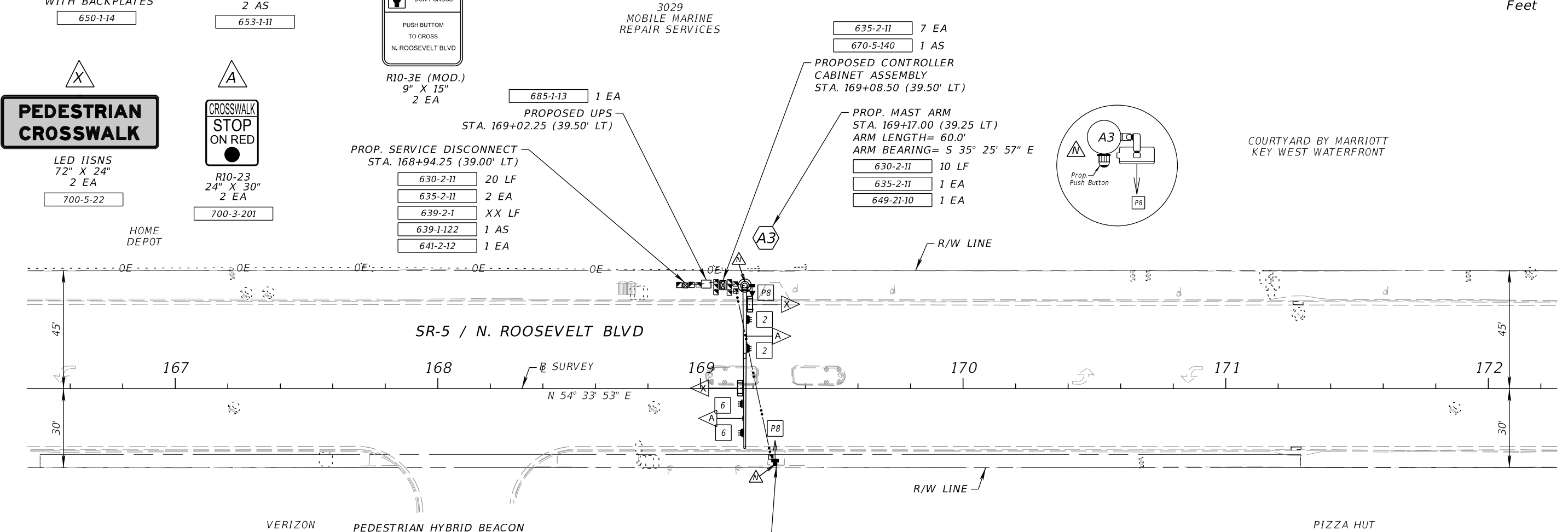
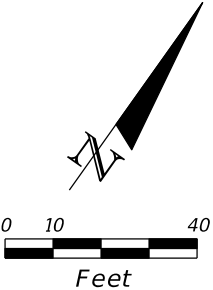
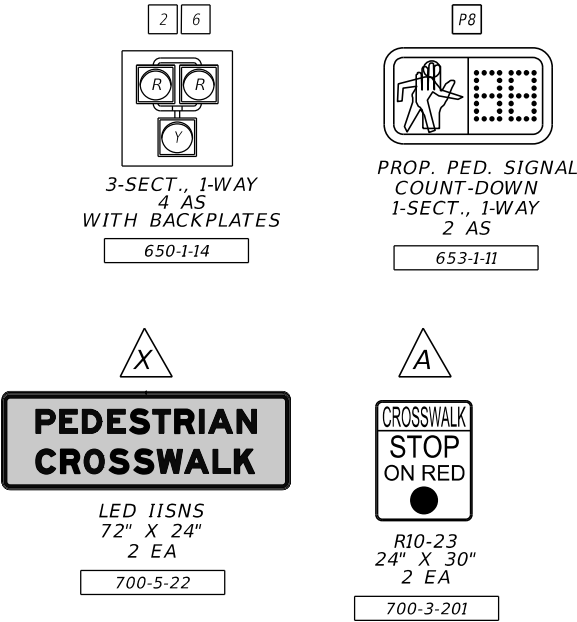
LOCATION ② (WEST OF 7th STREET)

REVISIONS				A&P Consulting Transportation Engineers Corp. 10305 N.W. 41 Street, suite 115 Miami, FL 33178 (305) 592-7283 / fax: (305) 593-1594 CA No. : EB-0007797 Eithel M. Sierra, P.E. No. 55401	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNALIZATION PLAN	SHEET NO. T-5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 5	MONROE	442039-1-52-01		

yaddine 11/28/2017 11:13:59 AM P:\44203915201\signals\PLANS\G02.DGN

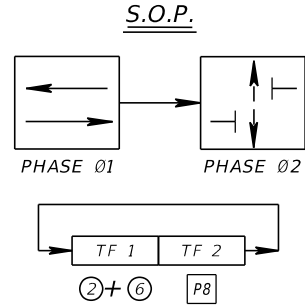
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SIGNAL HEAD & SIGN DETAILS



CONTROLLER OPERATIONS

1. MAJOR STREET: SR-5 / N. ROOSEVELT BLVD.
2. S.O.P.: AS SHOWN.
3. PEDESTRIAN SIGNAL UPON ACTUATION ONLY.



VEHICLE DISPLAY	PEDESTRIAN DISPLAY	PEDESTRIAN PHASE
BLANK	DON'T WALK	0
FLASHING YELLOW	DON'T WALK	1
YELLOW	DON'T WALK	2
RED	DON'T WALK	3
RED	WALK	4
FLASHING RED	FLASHING DON'T WALK	5
BLANK	DON'T WALK	0

PROP. PEDESTRIAN PEDESTAL
STA. 169+28.50 (28.50' RT)

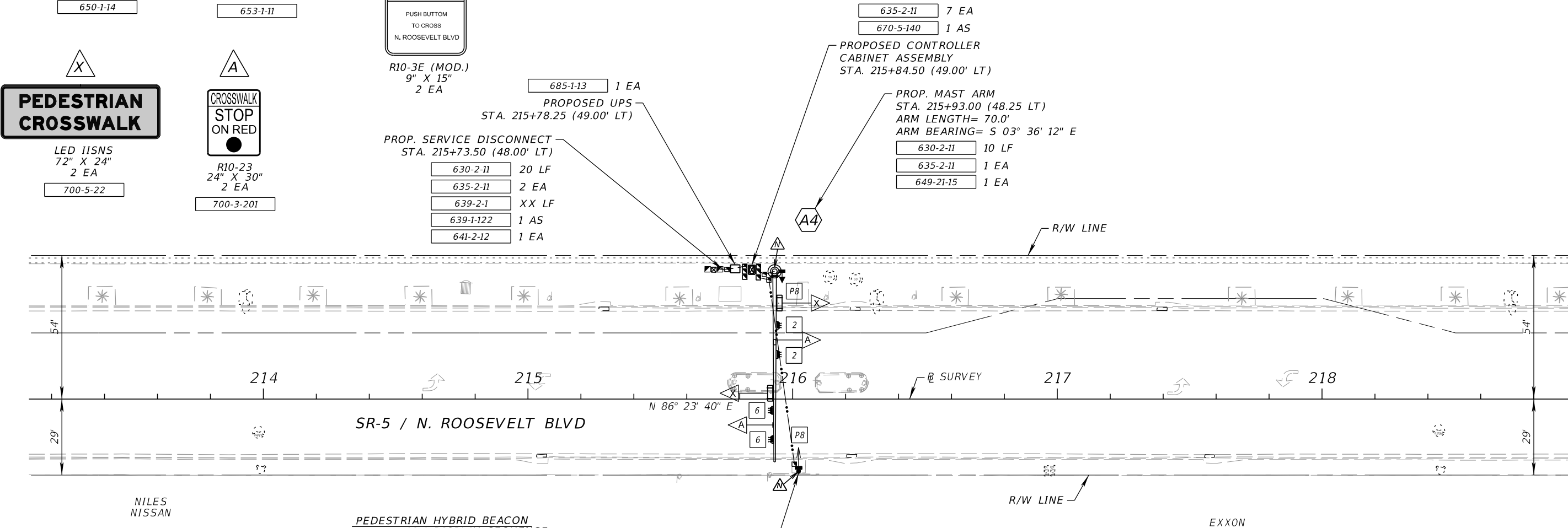
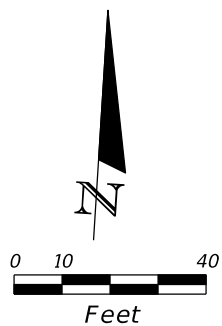
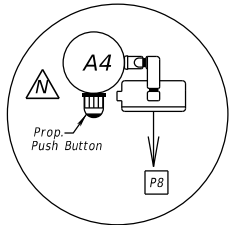
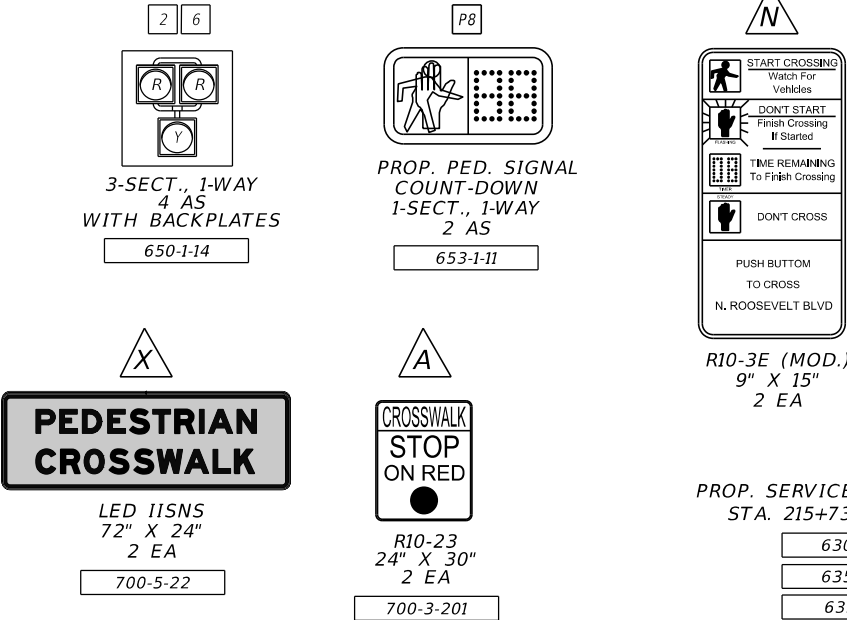
630-2-11	10 LF
635-2-11	1 EA
646-1-11	1 EA
665-1-11	1 EA

SIGNAL TIMINGS _b (P-4)	SEC.	PED. PHASE
MINIMUM DWELL (DARK)	Varies	DON'T WALK
FLASHING YELLOW	6.0	DON'T WALK
STEADY YELLOW	6.0	DON'T WALK
STEADY RED (ALL RED)	2.0	DON'T WALK
STEADY RED (WALK INTERVAL)	7.0	WALK
FLASHING RED (CLEARANCE)	16.0	F.D.W.
F.D.W. = FLASHING DON'T WALK		

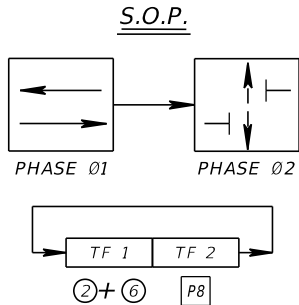
LOCATION ③ (WEST OF KENNEDY DRIVE KEY)

REVISIONS				A&P Consulting Transportation Engineers Corp. 10305 N.W. 41 Street, suite 115 Miami, FL 33178 (305) 592-7283 / fax: (305) 593-1594 CA No. : EB-0007797 Eithel M. Sierra, P.E. No. 55401	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNALIZATION PLAN	SHEET NO. T-6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 5	MONROE	442039-1-52-01		

SIGNAL HEAD & SIGN DETAILS



- CONTROLLER OPERATIONS
- MAJOR STREET: SR-5 / N. ROOSEVELT BLVD.
 - S.O.P.: AS SHOWN.
 - PEDESTRIAN SIGNAL UPON ACTUATION ONLY.



PEDESTRIAN HYBRID BEACON
SIGNALIZATION DISPLAY SEQUENCE

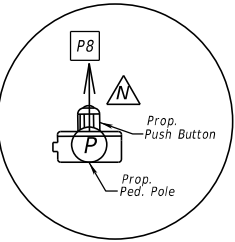
VEHICLE DISPLAY	PEDESTRIAN DISPLAY	PEDESTRIAN PHASE
BLANK	DON'T WALK	0
FLASHING YELLOW	DON'T WALK	1
YELLOW	DON'T WALK	2
RED	DON'T WALK	3
RED	WALK	4
FLASHING RED	FLASHING DON'T WALK	5
BLANK	DON'T WALK	0

PROP. PEDESTRIAN PEDESTAL
STA. 216+02.25 (27.25' RT)

630-2-11	10 LF
635-2-11	1 EA
646-1-11	1 EA
665-1-11	1 EA

CAPITAL
BANK

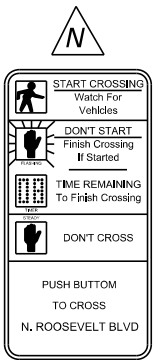
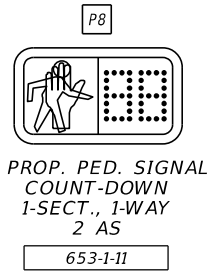
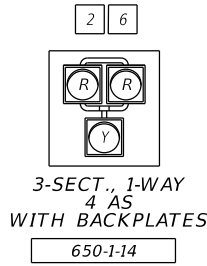
SIGNAL TIMINGS _b (P-4)	SEC.	PED. PHASE
MINIMUM DWELL (DARK)	Varies	DON'T WALK
FLASHING YELLOW	6.0	DON'T WALK
STEADY YELLOW	6.0	DON'T WALK
STEADY RED (ALL RED)	2.0	DON'T WALK
STEADY RED (WALK INTERVAL)	7.0	WALK
FLASHING RED (CLEARANCE)	16.0	F.D.W.
F.D.W. = FLASHING DON'T WALK		



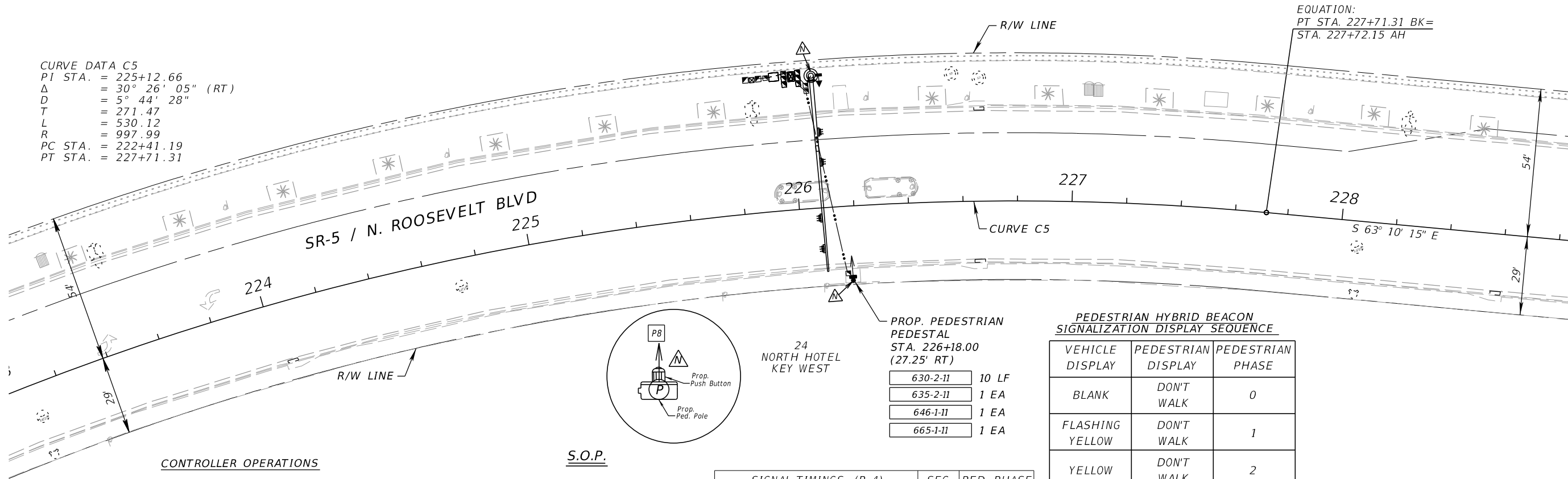
LOCATION ④ (FRONT OF CAPITAL BANK)

REVISIONS				A&P Consulting Transportation Engineers Corp. 10305 N.W. 41 Street, suite 115 Miami, FL 33178 (305) 592-7283 / fax: (305) 593-1594 CA No. : EB-0007797 Eithel M. Sierra, P.E. No. 55401	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNALIZATION PLAN	SHEET NO. T-7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 5	MONROE	442039-1-52-01		

SIGNAL HEAD & SIGN DETAILS



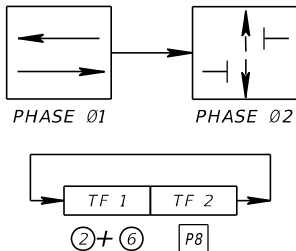
CURVE DATA C5
PI STA. = 225+12.66
 Δ = 30° 26' 05" (RT)
D = 5° 44' 28"
T = 271.47
L = 530.12
R = 997.99
PC STA. = 222+41.19
PT STA. = 227+71.31



CONTROLLER OPERATIONS

- MAJOR STREET: SR-5 / N. ROOSEVELT BLVD.
- S.O.P: AS SHOWN.
- PEDESTRIAN SIGNAL UPON ACTUATION ONLY.

S.O.P.



SIGNAL TIMINGS _b (P-4)	SEC.	PED. PHASE
MINIMUM DWELL (DARK)	Varies	DON'T WALK
FLASHING YELLOW	6.0	DON'T WALK
STEADY YELLOW	6.0	DON'T WALK
STEADY RED (ALL RED)	2.0	DON'T WALK
STEADY RED (WALK INTERVAL)	7.0	WALK
FLASHING RED (CLEARANCE)	16.0	F.D.W.
F.D.W. = FLASHING DON'T WALK		

PEDESTRIAN HYBRID BEACON
SIGNALIZATION DISPLAY SEQUENCE

VEHICLE DISPLAY	PEDESTRIAN DISPLAY	PEDESTRIAN PHASE
BLANK	DON'T WALK	0
FLASHING YELLOW	DON'T WALK	1
YELLOW	DON'T WALK	2
RED	DON'T WALK	3
RED	WALK	4
FLASHING RED	FLASHING DON'T WALK	5
BLANK	DON'T WALK	0

LOCATION ⑤ (NORTH OF US-1)

REVISIONS				A&P Consulting Transportation Engineers Corp. 10305 N.W. 41 Street, suite 115 Miami, FL 33178 (305) 592-7283 / fax: (305) 593-1594 CA No. : EB-0007797 Eithel M. Sierra, P.E. No. 55401	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNALIZATION PLAN	SHEET NO. T-8
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 5	MONROE	442039-1-52-01		

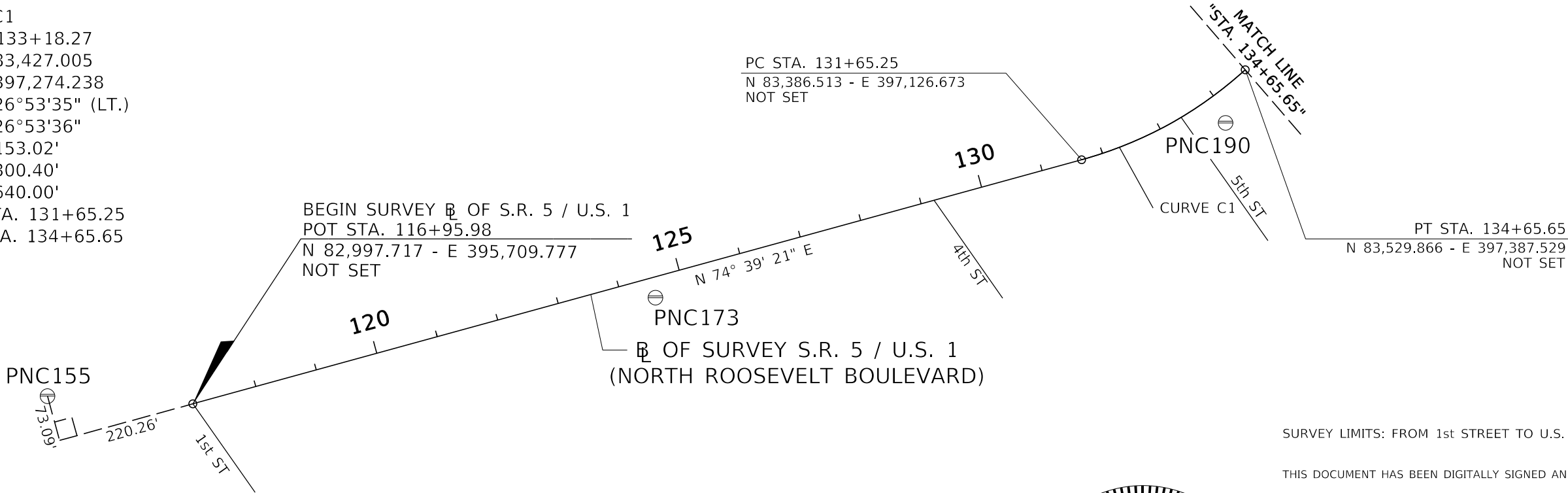
PROJECT CONTROL POINTS

NAVD88

℄ OF S.R. 5 / U.S. 1 FROM POT STA. 116+95.98 TO POT STA. 238+07.48
TRAVERSING THRU SECTIONS 32, 33 & 34 TOWNSHIP 67 SOUTH, RANGE 25 EAST
TRAVERSING THRU SECTION 5 TOWNSHIP 68 SOUTH, RANGE 25 EAST

CURVE C1

PI STA. 133+18.27
N = 83,427.005
E = 397,274.238
Δ = 26°53'35" (LT.)
D = 26°53'36"
T = 153.02'
L = 300.40'
R = 640.00'
PC STA. 131+65.25
PT STA. 134+65.65



NOT TO SCALE

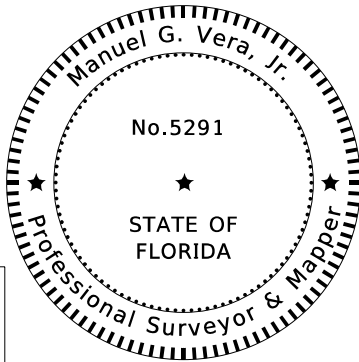
REFERENCE: PROJECT NETWORK CONTROL SR 5, FPID. 250548-3, PREPARED
BY MG VERA & ASSOCIATES, INC, DATED 8-15-2008

SURVEYOR'S NOTES:

1. 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 N 80°48'08" E HAS BEEN ESTABLISHED BETWEEN PRIMARY POINTS PNC155 STAMPED "90-08-PNC-1.55" & PNC173 STAMPED "90-08-PNC-1.73"
2. VERTICAL DATUM : NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88)
3. STATIONS AND OFFSETS REFERENCE THE BASELINE OF SURVEY FOR S.R. 5 / U.S. 1 (NORTH ROOSEVELT BOULEVARD)
4. PROJECT UNITS : US SURVEY FEET
5. FIELD BOOK REFERENCES : MGV 960 SERIES
6. ELECTRONIC DATABASE : Jobsr5.gpk, SURVRD01.dgn, MGV 17672
7. LAST DAY OF FIELD WORK: OCTOBER 27, 2017

LEGEND

℄ : BASELINE
E : EASTING
LT. : LEFT
PSM : PROFESSIONAL SURVEYOR & MAPPER
N : NOTHING
POT : POINT ON TANGENT
RT. : RIGHT
S.R. : STATE ROAD
PNC : PROJECT NETWORK CONTROL
⊖ : CONTROL POINT
NAVD: NORTH AMERICAN VERTICAL DATUM
STA. : STATION
D : DEGREE
Δ : DELTA
T : TANGENT
L : LENGTH
R : RADIUS
PT : POINT OF TANGENCY
PI : POINT OF INTERSECTION
PC : POINT OF CURVATURE
NAD : NORTH AMERICAN DATUM
F.D.O.T.: FLORIDA DEPARTMENT OF TRANSPORTATION



SURVEY LIMITS: FROM 1st STREET TO U.S. 1 (OVERSEAS HIGHWAY)

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

MANUEL G. VERA & ASSOCIATES, INC.
13960 S.W. 47TH STREET
MIAMI, FL, 33175-3616
CERTIFICATE OF AUTHORIZATION: LB2439
SURVEYOR OF RECORD: MANUEL G. VERA, JR., PSM 5291

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED.
THE SIGNATURE MUST BE VERIFIED ON THE ELECTRONIC DOCUMENTS.

THE ABOVE NAMED PROFESSIONAL SURVEYOR & MAPPER SHALL BE RESPONSIBLE FOR
THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 5J-17.062, F.A.C

INDEX OF SURVEY PLANS	
CTL-1 THRU CTL-5	PROJECT CONTROL

SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY THIS SPECIFIC PURPOSE SURVEY WAS MADE FOR THE PURPOSE OF SURVEYING, REFERENCING, DESCRIBING AND MAPPING THE PROJECT CONTROL POINTS OR BASELINE FOR THE TRANSPORTATION FACILITY DEPICTED HEREON AND THAT SAID SURVEY WAS DONE UNDER MY RESPONSIBLE CHARGE AND MEETS THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5 J 17 FLORIDA ADMINISTRATIVE CODE PURSUANT TO SECTION 472.027 FLORIDA STATUTES. THIS MAP CONSISTING OF SHEETS CTL-1 TO CTL-5 IS A TRUE, ACCURATE AND COMPLETE DEPICTION OF THE RESULTS OF A FIELD SURVEY PERFORMED UNDER MY DIRECTION AND COMPLETED ON 10-27-2017

REVISIONS				MANUEL G. VERA & ASSOCIATES, INC. ENGINEERS SURVEYORS MAPPERS 13960 S.W. 47th STREET MIAMI, FL 33175-3616 TEL: (305) 221-6210 FAX: (305) 221-1295 CERTIFICATE OF AUTHORIZATION: LB2439 MANUEL G. VERA , JR. PSM 5291	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT CONTROL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 5	MONROE	442039-1-52-01		CTL-1

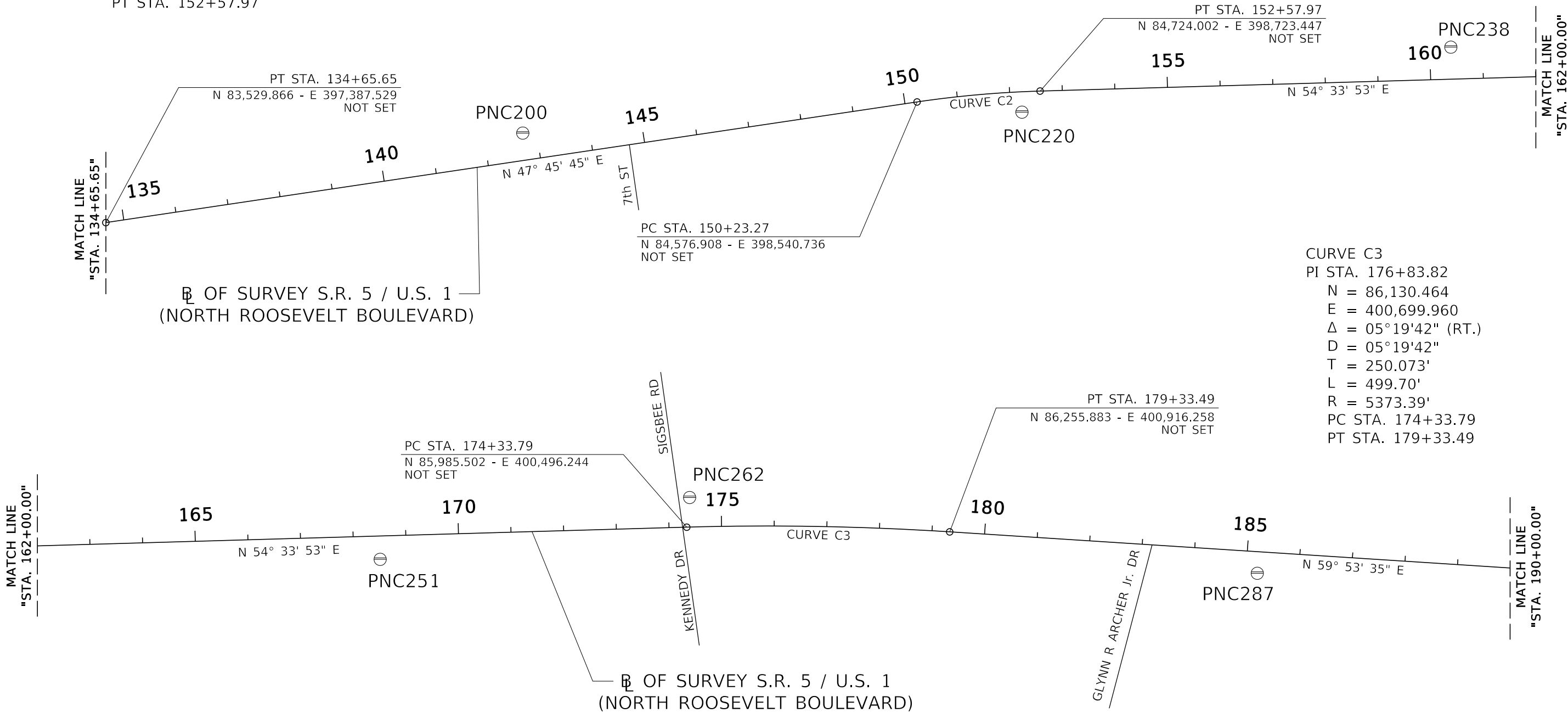
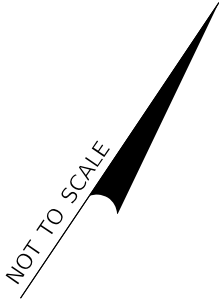
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 5J-17.062, F.A.C.

PROJECT CONTROL POINTS

NAVD88

℄ OF S.R. 5 / U.S. 1 FROM POT STA. 116+95.98 TO POT STA. 238+07.48
TRAVERSING THRU SECTIONS 32, 33 & 34 TOWNSHIP 67 SOUTH, RANGE 25 EAST
TRAVERSING THRU SECTION 5 TOWNSHIP 68 SOUTH, RANGE 25 EAST

CURVE C2
PI STA. 151+40.76
N = 84,655.885
E = 398,627.721
Δ = 06°48'09" (RT.)
D = 06°48'08"
T = 117.49'
L = 234.70'
R = 1976.86'
PC STA. 150+23.27
PT STA. 152+57.97



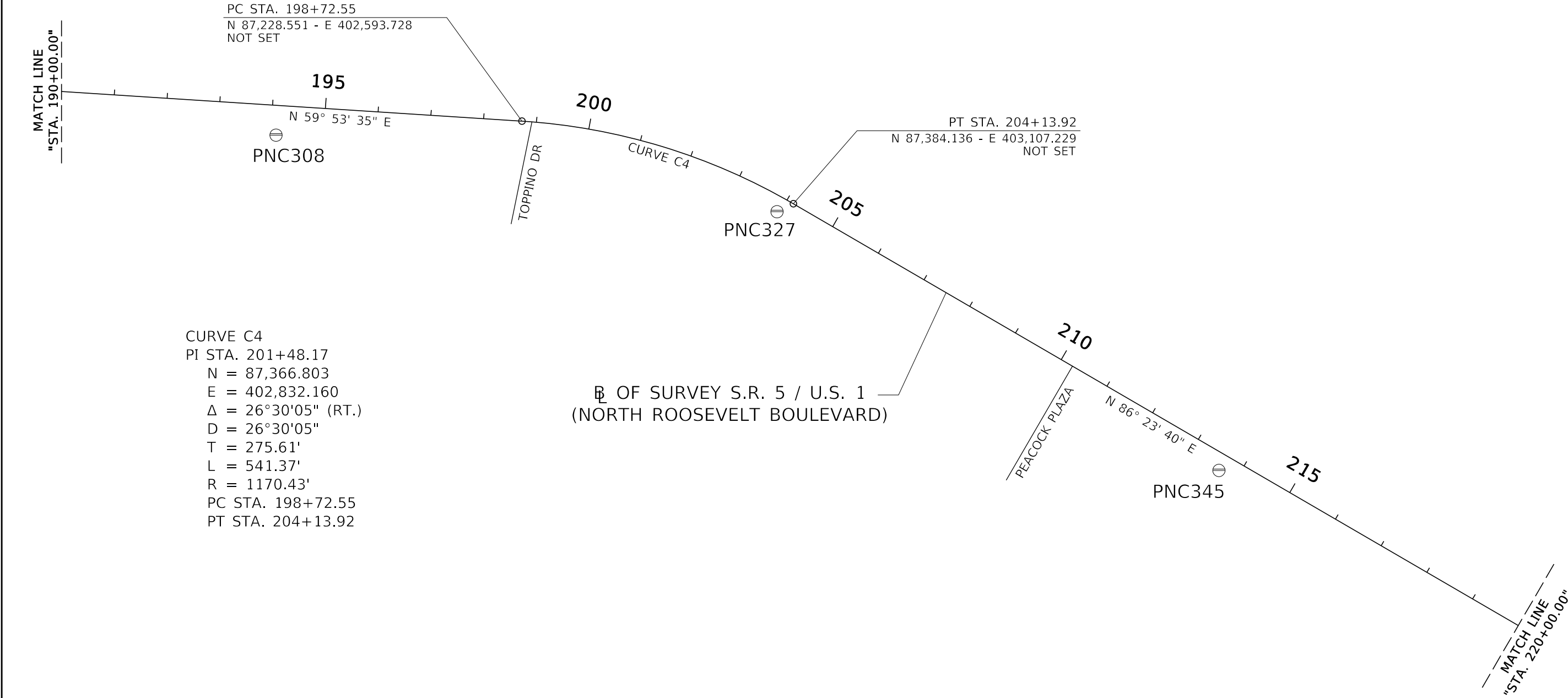
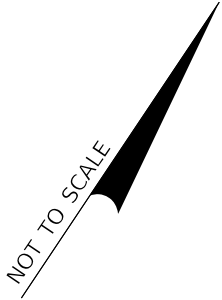
REVISIONS				MANUEL G. VERA & ASSOCIATES, INC. ENGINEERS SURVEYORS MAPPERS 13960 S.W. 47th STREET MIAMI, FL 33175-3616 TEL: (305) 221-6210 FAX: (305) 221-1295 CERTIFICATE OF AUTHORIZATION: LB2439 MANUEL G. VERA , JR. PSM 5291	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT CONTROL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 5	MONROE	442039-1-52-01		
									CTL-2

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PROJECT CONTROL POINTS

NAVD88

℄ OF S.R. 5 / U.S. 1 FROM POT STA. 116+95.98 TO POT STA. 238+07.48
TRAVERSING THRU SECTIONS 32, 33 & 34 TOWNSHIP 67 SOUTH, RANGE 25 EAST
TRAVERSING THRU SECTION 5 TOWNSHIP 68 SOUTH, RANGE 25 EAST

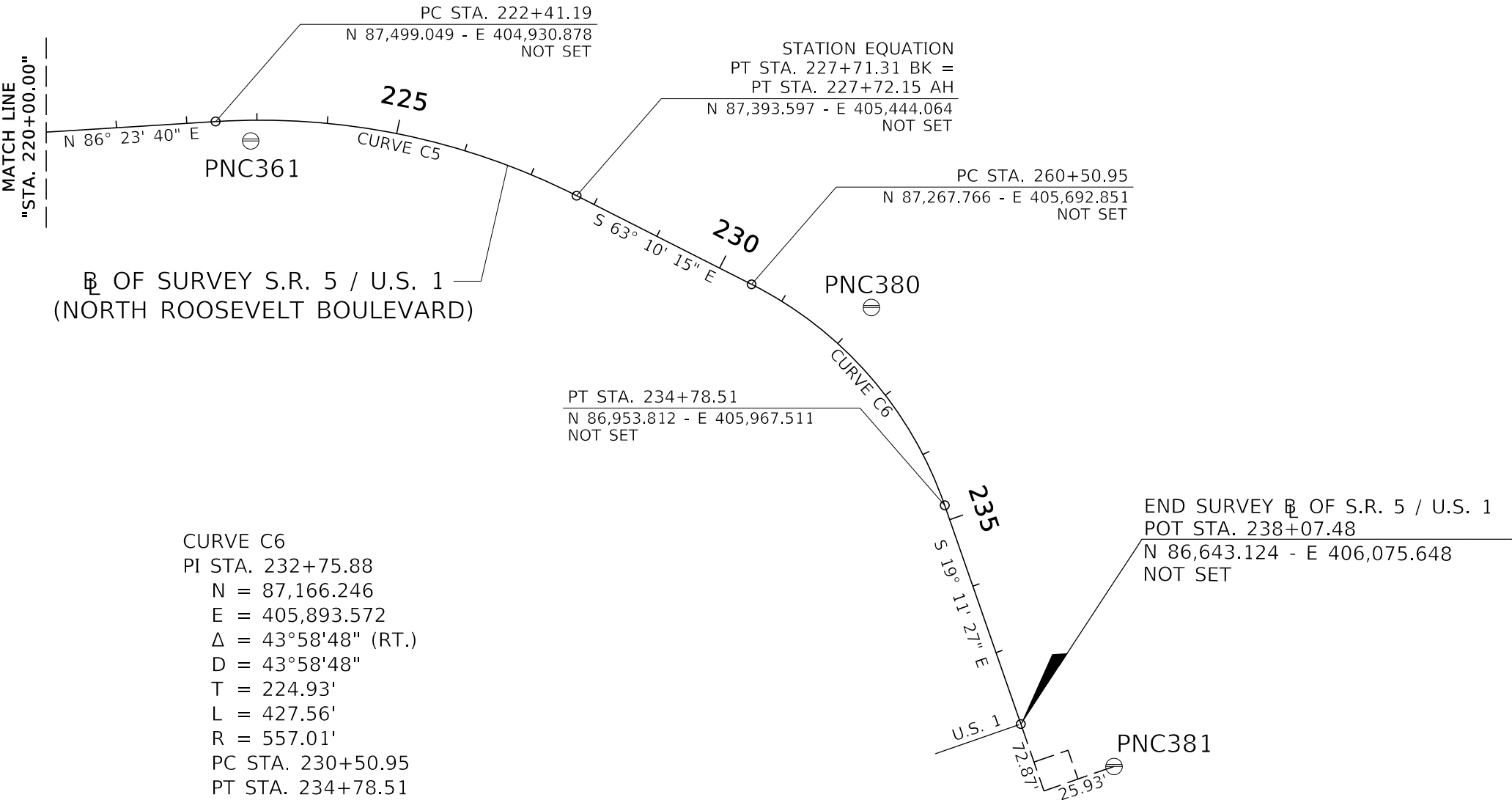


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		CTL-3
					SR 5	MONROE	442039-1-52-01		

PROJECT CONTROL POINTS

NAVD88

℄ OF S.R. 5 / U.S. 1 FROM POT STA. 116+95.98 TO POT STA. 238+07.48
TRAVERSING THRU SECTIONS 32, 33 & 34 TOWNSHIP 67 SOUTH, RANGE 25 EAST
TRAVERSING THRU SECTION 5 TOWNSHIP 68 SOUTH, RANGE 25 EAST



CURVE C5
PI STA. 225+12.66
N = 87,516.121
E = 405,201.813
Δ = 30°26'05" (RT.)
D = 30°26'05"
T = 271.47'
L = 530.12'
R = 997.99'
PC STA. 222+41.19
PT STA. 227+71.31

CURVE C6
PI STA. 232+75.88
N = 87,166.246
E = 405,893.572
Δ = 43°58'48" (RT.)
D = 43°58'48"
T = 224.93'
L = 427.56'
R = 557.01'
PC STA. 230+50.95
PT STA. 234+78.51

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		CTL-4
					SR 5	MONROE	442039-1-52-01		

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PROJECT CONTROL POINTS

NAVD88

⌀ OF S.R. 5 / U.S. 1 FROM POT STA. 116+95.98 TO POT STA. 238+07.48
TRAVERSING THRU SECTIONS 32, 33 & 34 TOWNSHIP 67 SOUTH, RANGE 25 EAST
TRAVERSING THRU SECTION 5 TOWNSHIP 68 SOUTH, RANGE 25 EAST

HORIZONTAL AND VERTICAL CONTROL (⌀ OF SURVEY S.R. 5 / U.S. 1)

POINT NAME	(Y) NORTHING	(X) EASTING	SCALE FACTOR	LATITUDE	LONGITUDE	BASELINE STATION	OFFSET	NAVD88 ELEVATION	DESCRIPTION
PNC155	83,009.921	395,478.032	1.00001912	24°33'35.03190"	81°47'03.69807"	N/A	N/A	3.86'	FOUND FDOT BRASS DISC IN CONCRETE MONUMENT STAMPED "90-08-PNC-1.55"
PNC173	83,166.863	396,447.265	1.00001854	24°33'36.64109"	81°46'53.21003"	124+51.93	32.04' RT.	4.16'	*FDOT BRASS DISC IN CONCRETE MONUMENT STAMPED "90-08-PNC-1.73"
PNC190	83,445.260	397,356.147	1.00001800	24°33'39.44982"	81°46'43.38302"	133+90.77	46.24' RT.	3.85'	FOUND FDOT BRASS DISC IN CONCRETE MONUMENT STAMPED 90-08-PNC-1.9"
PNC200	84,111.314	397,951.181	1.00001765	24°33'46.08098"	81°46'36.97886"	142+73.81	51.59' LT.	4.21'	FOUND FDOT BRASS DISC IN CONCRETE MONUMENT STAMPED 90-08-PNC-2.0"
PNC220	84,671.590	398,717.069	1.00001720	24°33'51.67374"	81°46'28.71751"	152+21.67	38.67' RT.	4.94'	*FDOT BRASS DISC IN CONCRETE MONUMENT STAMPED "90-08-PNC-2.2"
PNC238	85,227.030	399,325.484	1.00001684	24°33'57.20974"	81°46'22.16130"	160+40.14	60.81' LT.	5.22'	FOUND FDOT BRASS DISC IN CONCRETE MONUMENT STAMPED 90-08-PNC-2.38"
PNC251	85,610.939	400,046.303	1.00001641	24°34'01.05271"	81°46'14.37704"	168+50.03	44.30' RT.	3.66'	FOUND FDOT BRASS DISC IN CONCRETE MONUMENT STAMPED 90-08-PNC-2.51"
PNC262	86,035.346	400,469.457	1.00001617	24°34'05.28029"	81°46'09.81930"	174+40.79	56.15' LT.	4.26'	*FDOT BRASS DISC IN CONCRETE MONUMENT STAMPED "90-08-PNC-2.62"
PNC287	86,515.391	401,445.574	1.00001559	24°34'10.08948"	81°45'59.27525"	185+21.57	41.01' RT.	3.89'	FOUND FDOT BRASS DISC IN CONCRETE MONUMENT STAMPED 90-08-PNC-2.87"
PNC308	86,947.812	402,221.980	1.00001514	24°34'14.41574"	81°45'50.89138"	194+10.14	56.39' RT.	2.95'	*FDOT BRASS DISC IN CONCRETE MONUMENT STAMPED "90-08-PNC-3.08"
PNC320	87,231.338	402,728.351	1.00001485	24°34'17.25213"	81°45'45.42342"	199+96.89	58.85' RT.	4.52'	*FDOT BRASS DISC IN CONCRETE MONUMENT STAMPED "90-08-PNC-3.2"
PNC327	87,354.384	403,089.893	1.00001464	24°34'18.49083"	81°45'41.51458"	203+94.27	28.44' RT.	3.90'	FOUND FDOT BRASS DISC IN CONCRETE MONUMENT STAMPED "90-08-PNC-3.27"
PNC345	87,412.625	404,056.537	1.00001408	24°34'19.12059"	81°45'31.04737"	213+63.14	31.27' RT.	3.63'	*FDOT BRASS DISC IN CONCRETE MONUMENT STAMPED "90-08-PNC-3.45"
PNC361	87,471.373	404,980.778	1.00001354	24°34'19.75286"	81°45'21.03947"	222+90.73	29.57' RT.	3.83'	*FDOT BRASS DISC IN CONCRETE MONUMENT STAMPED "90-08-PNC-3.61"
PNC380	87,234.836	405,863.180	1.00001304	24°34'17.45760"	81°45'11.46725"	232+00.96	70.10' LT.	4.09'	FOUND FDOT BRASS DISC IN CONCRETE MONUMENT STAMPED "90-08-PNC-3.8"
PNC381	86,582.830	406,124.092	1.00001289	24°34'11.01297"	81°45'08.60250"	N/A	N/A	7.22'	FOUND FDOT BRASS DISC IN CONCRETE MONUMENT STAMPED "90-06-PNC-3.81"

NOTE: POINTS WITH ASTERISK WERE SET AS PART OF FDOT FPID. 250548-3

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		CTL-5
					SR 5	MONROE	442039-1-52-01		

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