



ALL ABOARD FLORIDA

CONTRACT D08 PLANS

COMPONENTS OF D08 PLAN SET

- VOLUME 1 TRACK CONSTRUCTION PLANS
- VOLUME 2 TRACK GRADING CROSS SECTIONS
- VOLUME 3 ROADWAY DESIGN PLANS/TRAFFIC CONTROL THROUGH WORK ZONE
- VOLUME 4 SIGNING AND PAVEMENT MARKING PLANS
- VOLUME 5 ROADWAY SIGNALIZATION PLANS
- VOLUME 6 CROSSING LAYOUT PLANS
- VOLUME 7 UTILITY PLANS
- VOLUME 8 MISCELLANEOUS STRUCTURE PLANS
- VOLUME 9 PRELIMINARY FIBER OPTIC PLANS
- VOLUME 10 PRELIMINARY WAYSIDE SIGNAL PLANS

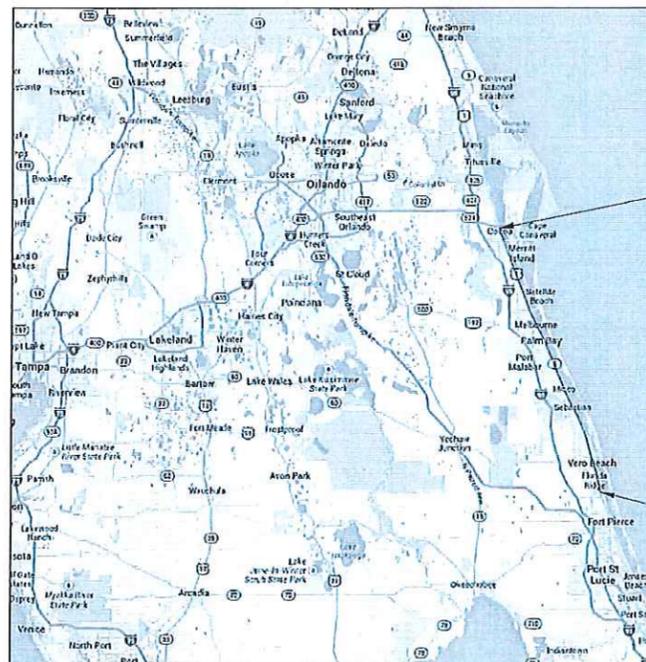
NOT PROVIDED

NOT PROVIDED

REVISIONS:
REVISION NO. SHEETS EDITED

This PDF file includes construction plans for grade crossings within the limits of Sebastian

ROADWAY DESIGN PLANS/TRAFFIC CONTROL THROUGH WORK ZONE FOR D08 FECR MP 169.76 TO 233.4



BEGIN PROJECT
MP 169.76
STA. 8960+97.41
CONSTRUCTION BASELINE=
STA. 205+72.09
PROP. FECR/AAF MAIN TRACK 1

END PROJECT
MP 233.4
STA. 12324+75.81
CONSTRUCTION BASELINE=
STA. 3555+42.91
PROP. FECR/AAF MAIN TRACK 1=
STA. 3515+42.50
PROP. FECR/AAF MAIN TRACK 2

PLANS PREPARED BY:



4500 SALISBURY ROAD, SUITE 440
JACKSONVILLE, FL. 32216
CA# 7503
PHONE: (904) 245-6500
FAX: (904) 245-6510

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

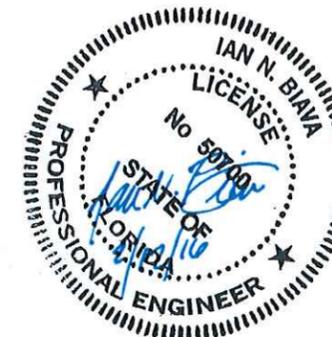
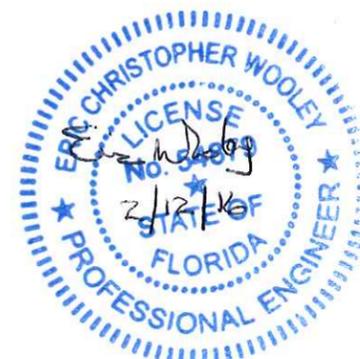
VOLUME 3

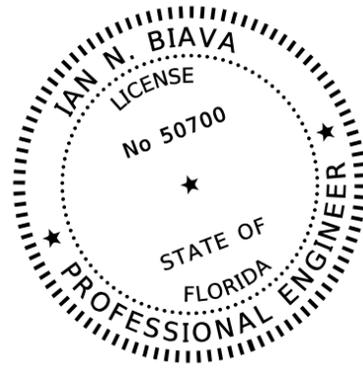
ROADWAY DESIGN PLANS/TRAFFIC CONTROL
THROUGH WORK ZONE

ENGINEER OF RECORD:

IAN N. BIAVA
P.E. NO.: 50700

ERIC C. WOOLEY
P.E. NO.: 54879





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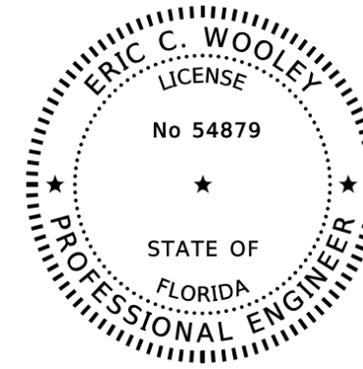
TRANSYSTEMS CORPORATION CONSULTANTS
2400 EAST COMMERCIAL BLVD., SUITE 1000
FORT LAUDERDALE, FLORIDA 33308
CERTIFICATE OF AUTHORIZATION NO. 7503
MICHAEL G. BELL, PE NO. 43217

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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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

4500 SALISBURY ROAD, SUITE 440
JACKSONVILLE, FL. 32216
CA# 7503
PHONE: (904) 245-6500
FAX: (904) 245-6510

AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

ROADWAY SIGNATURE SHEET

SHEET NO.
1A

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INDEX OF ROADWAY PLANS

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1	COVER SHEET	101	FEE AVE	228	23RD STREET
1A	SIGNATURE SHEET	104	LINCOLN AVE	231	21ST STREET
2	INDEX SHEET	107	PALMETTO AVE	234	20TH STREET EAST
3	ROADWAY GENERAL NOTES	110	STRAWBRIDGE AVE	237	19TH STREET
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5	ROADWAY DETAILS	116	PROSPECT AVE	243	12TH STREET
6	ROADWAY DETAILS	119	LINE STREET	246	GLENDALE ROAD
7	ROADWAY DETAILS	122	JEMIGAN AVE	249	4TH STREET
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9	ROADWAY DETAILS	128	HESSEY AVE	255	OLSO ROAD
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24	PEACHTREE ST	150	SHELL PIT ROAD		
27	W. KING ST	153	SENNE ROAD		
30	ROSA L. JONES BLVD	155	BAREFOOT BLVD		
33	BARTON AVE	158	MICCO ROAD		
36	EYSTER BLVD	161	HOLLY STREET		
39	RINKER WAY	164	ROSELAND ROAD		
41	GUS HIPP BLVD	167	MAIN STREET		
44	BARNES BLVD	170	CR 512 WEST		
47	CARVER ROAD	173	CR 512 EAST		
50	ANSIN ROAD	176	OLD DIXIE HIGHWAY		
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56	SUNTREE BLVD	182	99TH STREET (VICKERS RD)		
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95	SILVER PALM AVE	220	26TH STREET		
98	SEMINOLE AVE	225	14TH AVE		

<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS		DATE	DESCRIPTION			 <p>4500 SALISBURY ROAD, SUITE 440 JACKSONVILLE, FL 32216 CA# 7503 PHONE: (904) 245-6500 FAX: (904) 245-6510</p>		<p>ROADWAY SHEET INDEX</p>	<p>SHEET NO. 2</p>
REVISIONS													
DATE	DESCRIPTION												
<p>ENGINEER OF RECORD: JAN N. BIAVA PE: 50700</p>		<table border="1"> <tr> <th>AAF CONTRACT</th> <th>SECTION</th> <th>COUNTY</th> </tr> <tr> <td>FECR</td> <td>D08</td> <td>BREVARD INDIAN RIVER</td> </tr> </table>	AAF CONTRACT	SECTION	COUNTY	FECR	D08	BREVARD INDIAN RIVER					
AAF CONTRACT	SECTION	COUNTY											
FECR	D08	BREVARD INDIAN RIVER											

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

GENERAL NOTES:

1. THE GOVERNING STANDARDS ARE PER FLORIDA DEPARTMENT OF TRANSPORTATION, 2015 DESIGN STANDARDS AND REVISED INDEX DRAWINGS AS APPENDED HEREIN, AND AAF SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AS AMENDED BY CONTRACT DOCUMENTS.
2. SURVEY DATUM: NAD83 (2011) FLORIDA EAST (FTUS)
VERTICAL DATUM: NAVD 88
UNITS: SURVEY FEET
3. ROADWAY STATIONING FOR THIS PROJECT, PROFILES AND ALIGNMENTS, ARE BASED ON ARBITRARY STATIONING ESTABLISHED FOR THE CENTERLINE OF THE EXISTING ROADWAY CROSSING USING GEOGRAPHIC COORDINATE SYSTEM: NAD83 FLORIDA STATE PLANES, EAST ZONE, US FOOT.
4. THE CONTRACTOR IS RESPONSIBLE FOR THE PRESERVATION OF ALL SURVEY CONTROL MONUMENTS. IN THE EVENT MONUMENTS ARE DAMAGED OR DESTROYED BY THE CONTRACTOR, THE CONTRACTOR WILL REPLACE THE MONUMENT SOLELY AT THE CONTRACTORS EXPENSE.
5. ALL WORK AND MATERIALS PROVIDED AND INSTALLED TO BE IN ACCORDANCE WITH THE AAF SPECIFICATIONS WHERE APPLICABLE.
6. CONTRACTOR SHALL VERIFY ELEVATIONS ON EXISTING PAVEMENT IN FIELD, AND MATCH EXISTING PAVEMENT GRADES WHEN CONNECTING THE PROPOSED PAVEMENT. WHERE NEW PAVEMENT AND CONCRETE CONNECT TO EXISTING PAVEMENT OR CONCRETE, THE CONTRACTOR SHALL SAWCUT THE EXISTING PAVEMENT AND CONCRETE.
7. SEE AAF SPECIFICATIONS FOR INFORMATION REGARDING MATERIALS THAT WILL BE FURNISHED BY FECR AND MATERIALS THAT WILL NEED TO BE FURNISHED BY CONTRACTOR.
8. THE CONTRACTOR SHALL PROTECT ALL RAILROAD SIGNALS, SIGNAL CABLE AND SURROUNDING PROPERTY WITHIN AND OUTSIDE THE RIGHT OF WAY.
9. NO FIELD CHANGES WILL BE PERMITTED WITHOUT DIRECT WRITTEN AUTHORIZATION FROM THE PMCM.
10. CONTRACTOR SHALL COORDINATE WORK WHICH AFFECTS ADJACENT PROPERTY OWNERS. ANY QUESTIONS OR AGREEMENTS BETWEEN ADJACENT PROPERTY OWNERS AND CONTRACTOR SHALL BE MADE IN WRITING. A COPY OF SUCH AGREEMENT SHALL BE PROVIDED TO THE OWNER'S REPRESENTATIVE TWO (2) WEEKS IN ADVANCE OF THE START OF WORK.
11. ALL CONSTRUCTION WORK SHALL BE PERFORMED IN SUCH A MANNER AS TO CONTROL EROSION AND PREVENT SEDIMENTATION FROM LEAVING THE SITE.
12. EROSION CONTROL MEASURES AND PRACTICES SHALL BE INSTALLED PRIOR TO WITH LAND DISTURBING ACTIVITES. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE AAF SPECIFICATIONS.
13. CONTRACTOR SHALL REFER TO FDOT STANDARDS AND AAF SPECIFICATIONS FOR ADDITIONAL EROSION CONTROL DETAILS.
14. RAILROAD PERSONNAL ASSIGNED TO THIS PROJECT ARE:

ORGANIZATION	CONTRACT	PHONE
FECR	CHARLES A. STONE	904-279-3194
AAF	VINAY MUDHOLKAR	305-520-2122
PARALLEL INFRASTRUCTURE	CRAIG OLSEN	904-565-4108

15. UNLESS OTHERWISE NOTED, THE PARCEL DATA AND RIGHT OF WAY INFORMATION SHOWN ON THESE PLANS WERE TAKEN FROM GIS DATA PROVIDED BY BREVARD AND INDIAN RIVER COUNTY. POSITIONAL ACCURACY OF THE PARCEL INFORMATION SHOULD BE VERIFIED.
16. FOR PROPOSED RAILROAD SIGNALS, SEE VOLUME 5 SIGNALS PLANS.
17. ALL EXISTING DRAINAGE STRUCTURES TO REMAIN UNLESS OTHERWISE NOTED ON THE PLANS.
18. FOR UTILITY CONFLICTS, SEE VOLUME 7 UTILITY PLANS.
19. FOR SIGNAL GATE LOCATIONS AND DETAILS, SEE VOLUME 5 SIGNAL PLAN SET.
20. FOR DETECTABLE WARNINGS, REFER TO FDOT INDEX 304.
21. ALL EXISTING DRAINAGE PATTERNS TO REMAIN POSITIVE. ANY WORK INVOLVING GRADING SHALL MAINTAIN POSITIVE DRAINAGE FLOW, UNLESS OTHERWISE NOTED ON THE PLANS.
22. FINAL PLACEMENT OF PROPOSED ROADWAY WORK SHOWN ON THE PLANS WILL BE DICTATED BY SITE CONDITIONS AND APPROVAL FROM THE OWNER'S REPRESENTATIVE.
23. CONTRACTOR SHALL REFER TO THE FDOT DESIGN STANDARD INDEX 300 FOR CURB TRANSITIONS.

ABBREVIATIONS:

EXIST.	= EXISTING
PROP.	= PROPOSED
TYP.	= TYPICAL
FECR	= FLORIDA EAST COAST RAILROAD
MP	= MILE POST
STA.	= STATION
R/W	= RIGHT OF WAY
EL	= ELEVATION
CL	= CENTER LINE
MIN.	= MINIMUM
MAX.	= MAXIMUM
CTS	= CENTERS
PI	= POINT OF INTERSECTION
PC	= POINT OF CURVE
PT	= POINT OF TANGENT
TS	= TANGENT TO SPIRAL
SC	= SPIRAL TO CURVE
CS	= CURVE TO SPIRAL
ST	= SPIRAL TO TANGENT
SE	= SUPERELEVATION
V	= SPEED
---	= ROADWAY R/W / PARCEL LINE
INDEX	= FLORIDA TRANSPORTATION DEPARTMENT 2015 DESIGN STANDARDS

REVISIONS				 <small>4500 SALISBURY ROAD, SUITE 440 JACKSONVILLE, FL 32216 CA# 7503 PHONE: (904) 245-6500 FAX: (904) 245-6510</small>				ROADWAY GENERAL NOTES	SHEET NO. 3
DATE	DESCRIPTION	DATE	DESCRIPTION		AAF CONTRACT	SECTION	COUNTY		
				ENGINEER OF RECORD: JAN N. BIAVA PE: 50700	FECR	D08	BREVARD INDIAN RIVER		

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TRAFFIC CONTROL GENERAL NOTES:

1. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARD INDEX SERIES 600, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS A MINIMUM CRITERIA.
2. EXISTING REGULATORY SPEEDS SHALL BE MAINTAINED, UNLESS OTHERWISE NOTED.
3. NO LANE CLOSURE ALLOWED ON US 1 BETWEEN 5AM TO 8PM. AT NO TIME SHALL THE CONTRACTOR CLOSE THE ENTIRE US 1 ROADWAY.
4. PLACE A PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) 14 DAYS IN ADVANCE OF ROAD CLOSURE OR PROPOSED CONSTRUCTION START DATE APPROACH TO THE PROJECT LIMITS. AFTER CONSTRUCTION BEGINS, THE PCMS SIGN SHALL BE USED FOR ROAD CLOSURE, LANE CLOSURE, ROAD DETOUR OR OTHER MESSAGES AS APPROVED BY PMCM.

(14 DAYS PROIR)

MESSAGE 1	PCMS DISPLAY	MESSAGE 2
RAILROAD WORK BEGINS		MONTH DAY

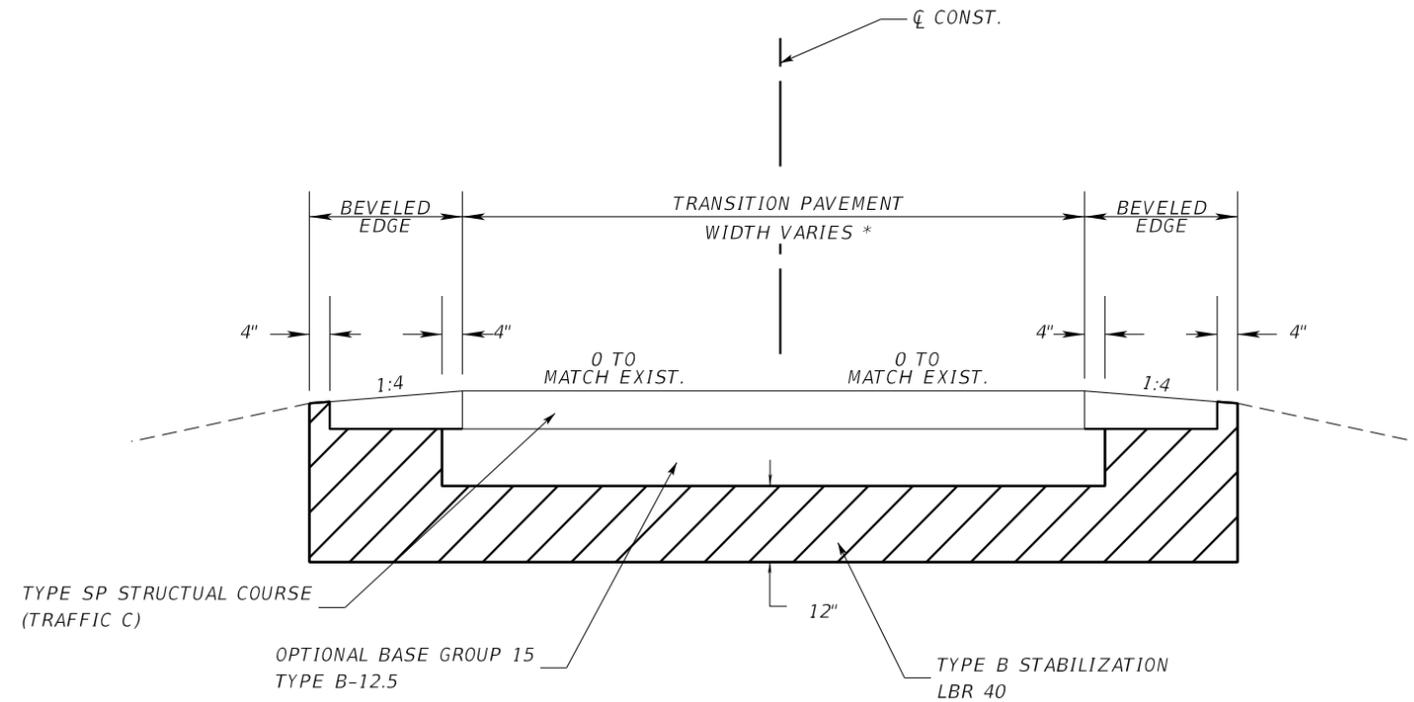
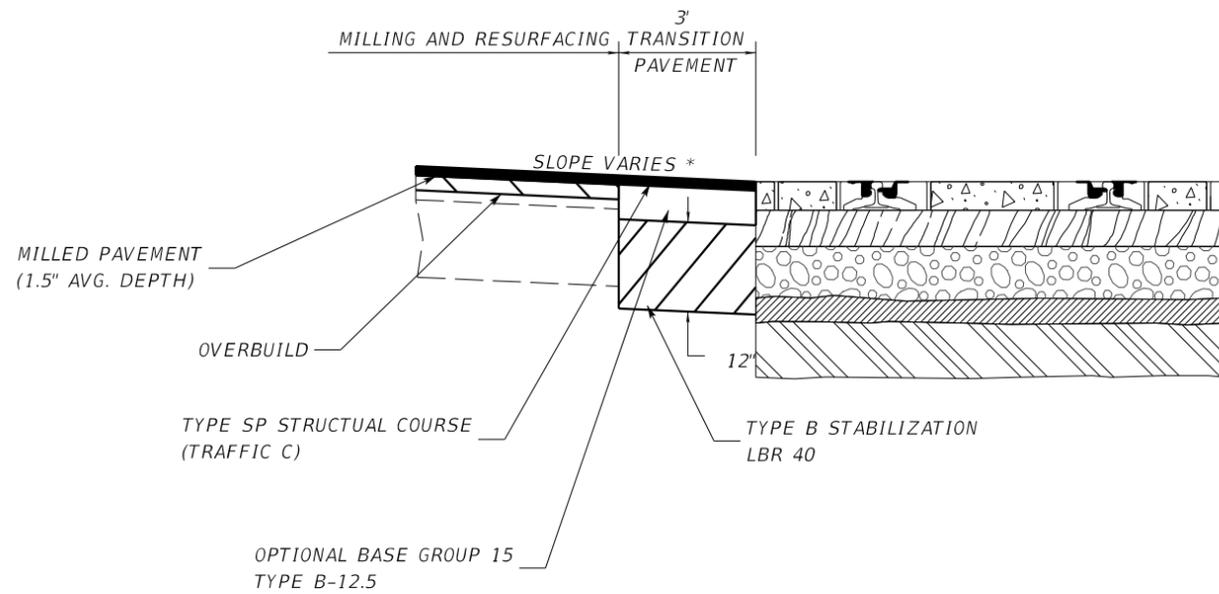
(DURING CONSTRUCTION)

MESSAGE 1	PCMS DISPLAY	MESSAGE 2
XX CLOSED AHEAD		FOLLOW DETOUR

5. CONTRACTOR SHALL CONTACT LOCAL AGENCIES FOR SPECIAL REQUIREMENT OF LANE CLOSURES DURING THE LOCAL SPECIAL EVENTS.
6. BEAU GESTE ROAD, RINKER WAY, SENNE ROAD AND HAWKS NEST ROAD ARE CLOSED DURING CONSTRUCTION. THE CONTRACTOR SHALL CONTACT PROPERTY OWNERS, THE PMCM, AND LOCAL AGENCIES AT LEAST 30 DAYS IN ADVANCE OF THE CONSTRUCTION ACTIVITIES.
7. THE CONTRACTOR SHALL INSTALL TEMPORARY DRAINAGE STRUCTURES AND PIPES AS REQUIRED TO PREVENT PONDING OF STORMWATER ON ANY MAINTAINED TRAVELWAY WITHIN THE PROJECT. REMOVE ALL TEMPORARY DRAINAGE STRUCTURES AND PIPES WHEN THEY ARE NO LONGER IN USE.
8. ANY EXISTING SIGNS TO REMAIN OR TO BE RELOCATED THAT ARE DISTURBED DURING CONSTRUCTION SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET, AND METHOD OF INSTALLATION.
9. ANY CONFLICTING EXISTING PAVEMENT MARKINGS AND SIGNS INSIDE AND OUTSIDE THE CONSTRUCTION AREA SHALL BE REMOVED OR COVERED. CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED WITHOUT DAMAGING THE PAVEMENT SURFACE.
10. TEMPORARY CROSSING SHALL BE FULL TIMBER CROSSING OR SUITABLE PANELS TO PROTECT THE MAINLINE TRAFFIC AND COORDINATED WITH PMCM. TEMPORARY ROADWAY SURFACE SHALL BE SUITABLE FOR THE DETOUR TRAFFIC AND COORDINATED WITH THE LOCAL MUNICIPALITY, WHICH HAVE JURISDICTION AND IS PAID BY THE CONTRACTOR. GRADE CROSSING PROTECTION DURING CONSTRUCTION WILL BE COORDINATED WITH THR LOCAL MUNICIPALITY, THE PMCM, AND PAID BY CONTRACTOR.

REVISIONS				 <small>4500 SALISBURY ROAD, SUITE 440 JACKSONVILLE, FL 32216 CA# 7503 PHONE: (904) 245-6500 FAX: (904) 245-6510</small>				<p style="text-align: center;">ROADWAY GENERAL NOTES</p>	<p style="text-align: center;">SHEET NO. 4</p>
DATE	DESCRIPTION	DATE	DESCRIPTION		AAF CONTRACT	SECTION	COUNTY		
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TRANSITION PAVEMENT

TYPE B STABILIZATION WITH
 OPTIONAL BASE GROUP 15, TYPE B-12.5 (9\"/>

*ROADWAY SLOPE AND WIDTH ARE VARIED FOR EACH GRADE CROSSING ROADWAY.
 PLEASE SEE EACH GRADE CROSSING PLAN AND PROFILE SHEETS FOR DETAILS.

NOT TO SCALE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

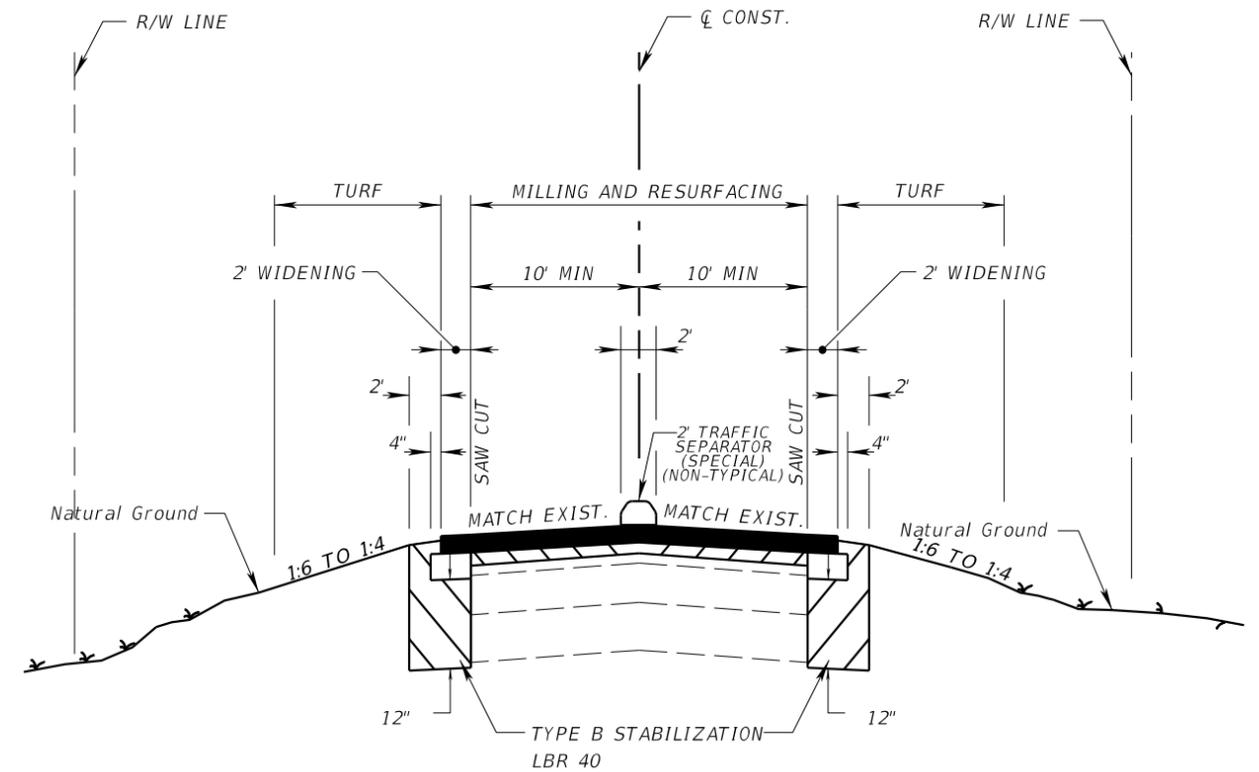
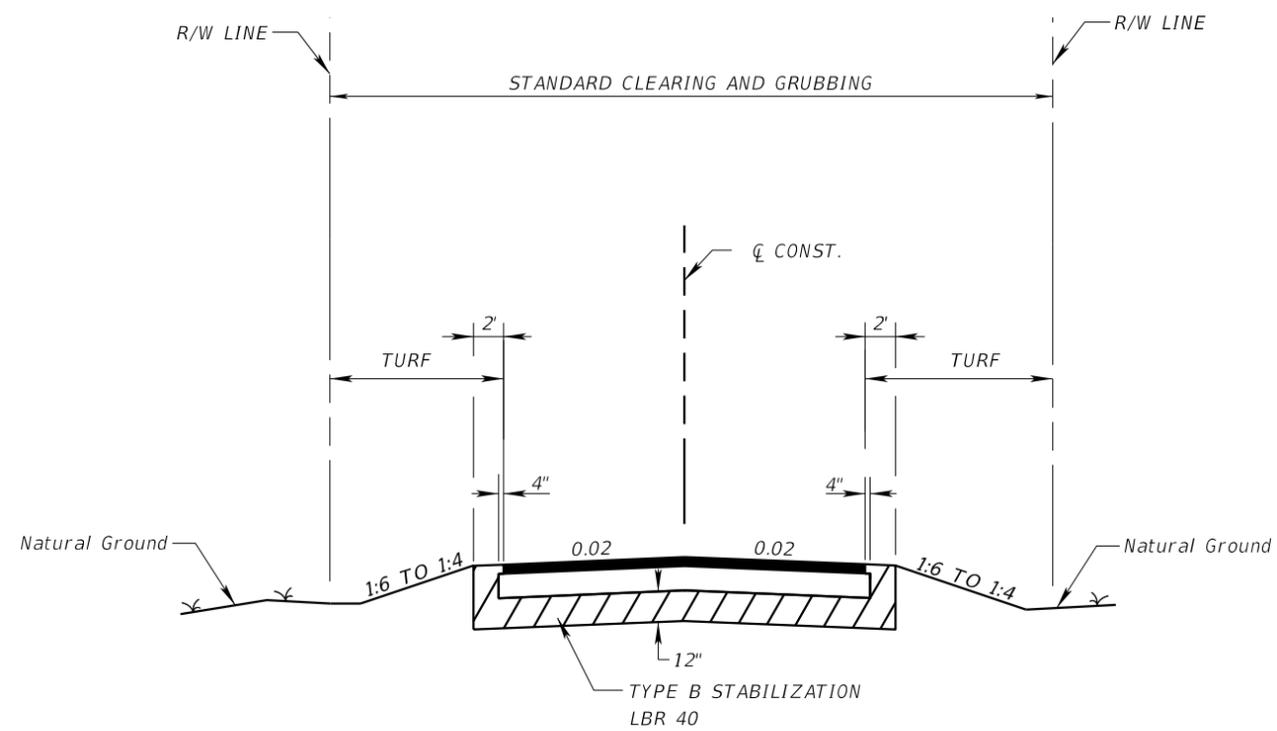
ENGINEER OF RECORD: JAN N. BIAVA
 PE: 50700

ALL ABOARD FLORIDA		
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

ROADWAY DETAILS

SHEET NO.
5

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NEW CONSTRUCTION

TYPE B STABILIZATION WITH
 OPTIONAL BASE GROUP 6 AND
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 3/4") AND
 TYPE SP STRUCTURE COURSE (TRAFFIC C) (1 1/4 ")

OVERBUILD

TYPE SP OVERBUILD (TRAFFIC C) (THICKNESS 9" MAX)

MILLING

MILL EXISTING ASPHALT PAVEMENT (1 1/2")

RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")

(FOR INDIAN RIVER COUNTY
 GRADE CROSSING ROADS)

NOT TO SCALE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL. 32216
 CA# 7503
 PHONE: (904) 245-6500
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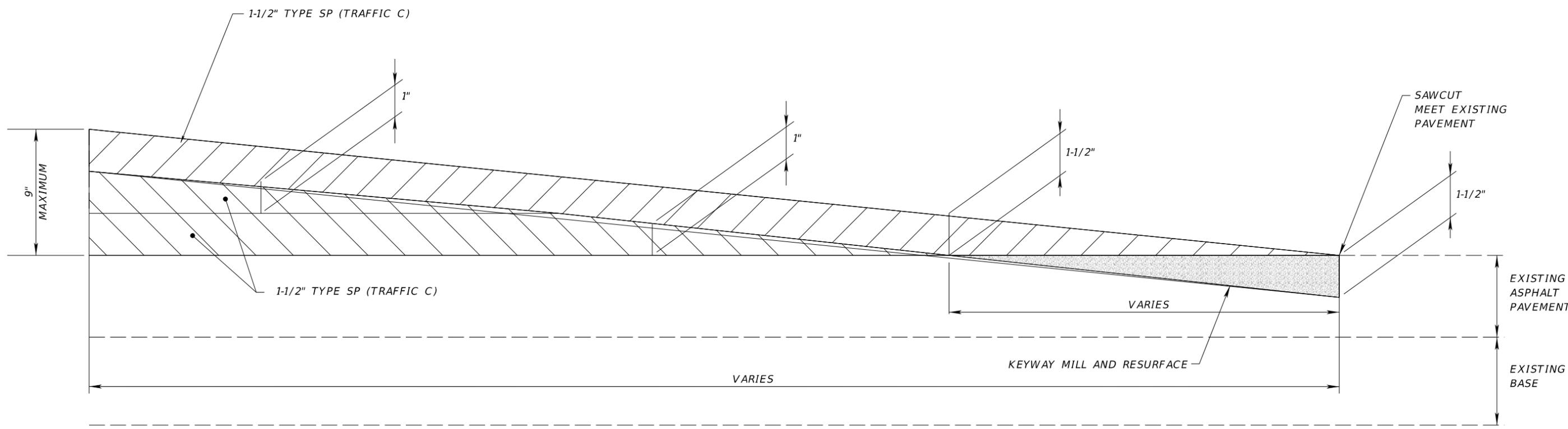
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 PE: 50700

ALL ABOARD FLORIDA		
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

ROADWAY DETAILS

SHEET NO.
7

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MILLING DETAIL

N.T.S.

* OVERBUILD THICKNESS IS DETERMINED BY PROPOSED PROFILE GRADE.
 FOR AVERAGE THICKNESS OF EACH GRADE CROSSING ROADWAY, SEE SUMMARY
 OF QUANTITIES SHEET.

**SEE ROADWAY PLAN SHEET FOR PROPOSED SLOPE.

NOT TO SCALE

REVISIONS							SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	AAF CONTRACT	SECTION	COUNTY	
				FECR	D08	BREVARD INDIAN RIVER	9



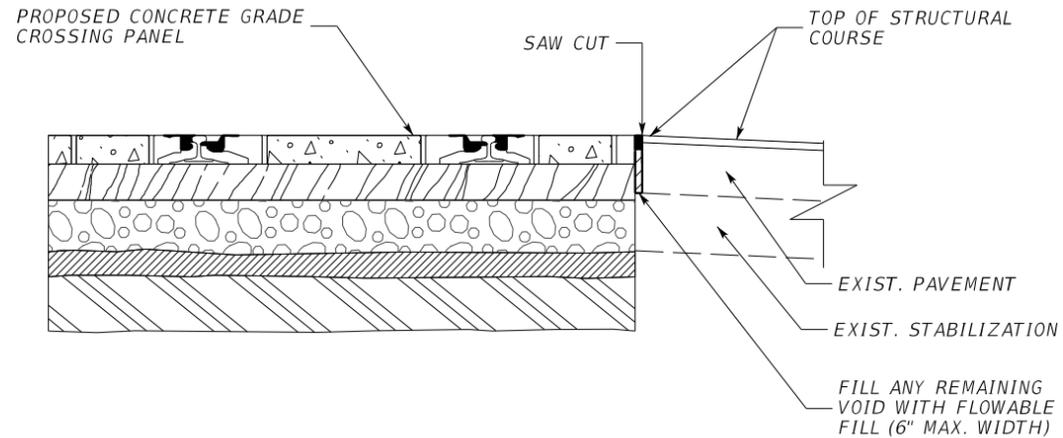
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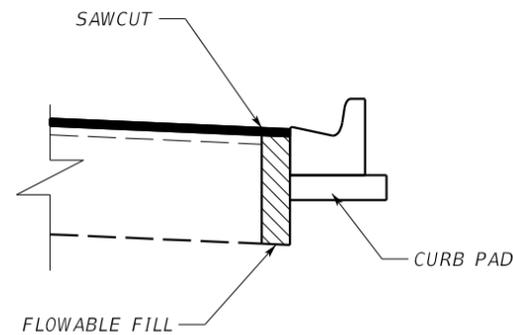
ROADWAY DETAILS

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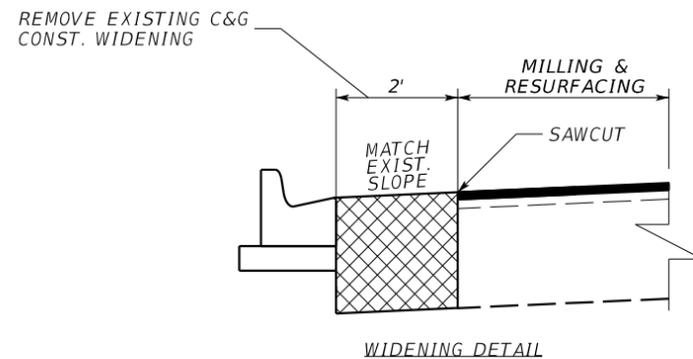
GRADE CROSSING PANEL SHIFT & RESURFACE DETAIL

NOTES:
A. REFER TO FECR ENGINEERING STANDARD ES6001.1 FOR FURTHER DETAILS.



CURB & GUTTER REPLACEMENT DETAIL

NOTES:
A. ALL CURB PADS WILL BE CONSTRUCTED OF 4" LIMEROCK BASE AND ALL COSTS WILL BE INCLUDED IN THE COST OF CURB AND GUTTER. CURB PADS SHALL EXTEND 4" BEYOND BACK OF CURB.



WIDENING DETAIL

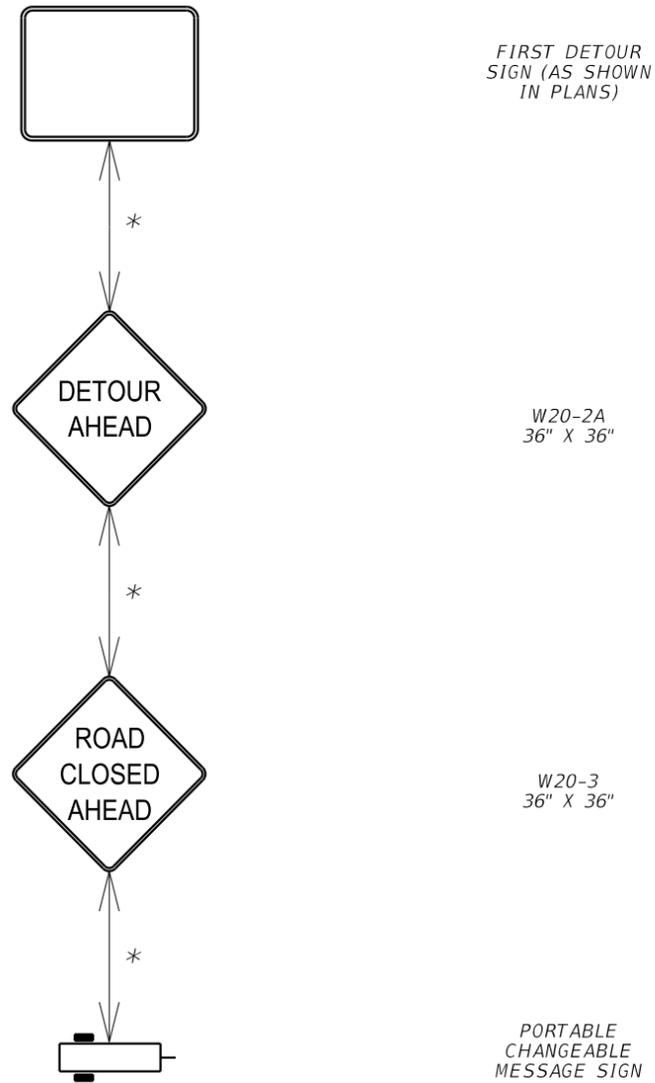
NOTES:
A. ALL CURB PADS WILL BE CONSTRUCTED OF 4" LIMEROCK BASE AND ALL COSTS WILL BE INCLUDED IN THE COST OF CURB AND GUTTER. CURB PADS SHALL EXTEND 4" BEYOND BACK OF CURB.

NOT TO SCALE

REVISIONS				 <small>4500 SALISBURY ROAD, SUITE 440 JACKSONVILLE, FL 32216 CA# 7503 PHONE: (904) 245-6500 FAX: (904) 245-6510</small>				<p style="text-align: center; font-size: 1.2em; font-weight: bold;">ROADWAY DETAILS</p>	<p style="text-align: center;">SHEET NO. 10</p>
DATE	DESCRIPTION	DATE	DESCRIPTION		AAF CONTRACT	SECTION	COUNTY		
				ENGINEER OF RECORD: JAN N. BIAVA PE: 50700	FECR	D08	BREVARD INDIAN RIVER		

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

ADVANCE WARNING SIGNS DETAIL



- NOTES:
 1. WHEN THE POSTED SPEED IS 40 MPH OR LESS, THE LENGTH BETWEEN ADVANCE WARNING SIGNS WILL BE 100 FEET.
 2. WHEN THE POSTED SPEED IS 45 MPH OR GREATER, THE LENGTH BETWEEN ADVANCE WARNING SIGNS WILL BE 350 FEET.

NOT TO SCALE

REVISIONS				4500 SALISBURY ROAD, SUITE 440 JACKSONVILLE, FL 32216 CA# 7503 PHONE: (904) 245-6500 FAX: (904) 245-6510						ROADWAY DETAILS	SHEET NO. 11
DATE	DESCRIPTION	DATE	DESCRIPTION	AAFC CONTRACT	SECTION	COUNTY	BREVARD INDIAN RIVER				
				ENGINEER OF RECORD: JAN N. BIAVA PE: 50700			FECR	D08			

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

SIGNS DETAIL

DESIGNATION

ASSEMBLY

SIZE

CONVENTIONAL ROAD

FREEWAY OR EXPRESSWAY

M4-8
M6-3



24" X 12"
21" X 15"

30" X 15"
30" X 21"

M4-9R



30" X 24"

48" X 36"

M4-9L



30" X 24"

48" X 36"

M4-8A



24" X 18"

24" X 18"

M4-8
M6-2R



24" X 12"
21" X 15"

30" X 15"
30" X 21"

R11-02



48" X 30"

SIGNS DETAIL

POST-MOUNTED
MULTI-LANE
(SPEED LIMIT:
MORE THAN 40 MPH)



POST-MOUNTED
2-LANE
(ALL SPEED LIMITS)
MULTI-LANE
(SPEED LIMIT:
40 MPH OR LESS)

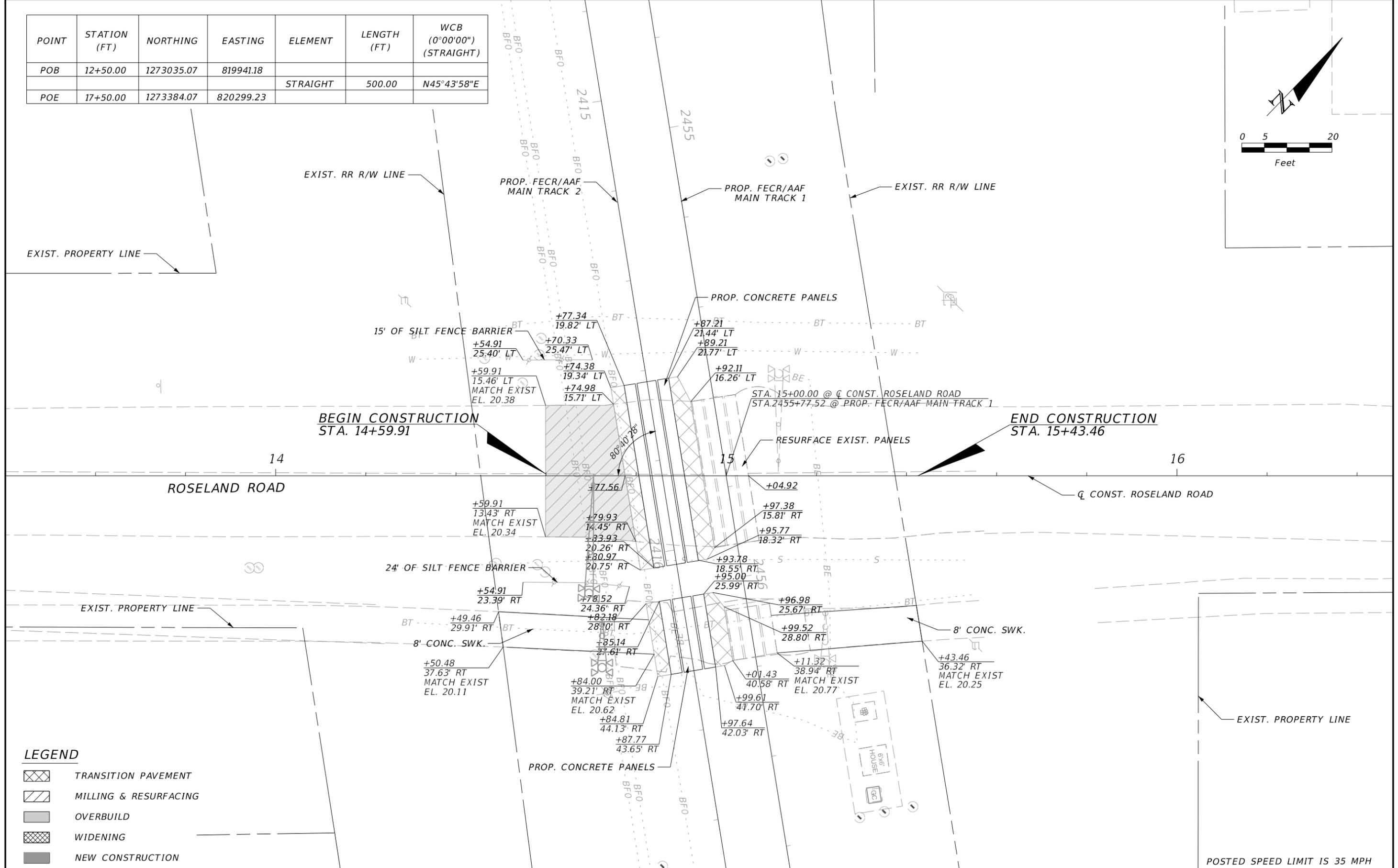
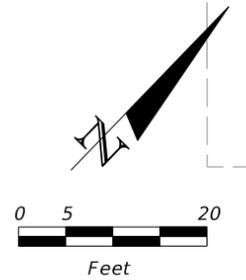


NOT TO SCALE

REVISIONS				 <small>4500 SALISBURY ROAD, SUITE 440 JACKSONVILLE, FL 32216 CA# 7503 PHONE: (904) 245-6500 FAX: (904) 245-6510</small>				<p style="text-align: center;"><i>ROADWAY DETAILS</i></p>	<p style="text-align: center;">SHEET NO. 12</p>
DATE	DESCRIPTION	DATE	DESCRIPTION		AAF CONTRACT	SECTION	COUNTY		
				ENGINEER OF RECORD: JAN N. BIAVA PE: 50700	FECR	D08	BREVARD INDIAN RIVER		

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

POINT	STATION (FT)	NORTHING	EASTING	ELEMENT	LENGTH (FT)	WCB (0°00'00") (STRAIGHT)
POB	12+50.00	1273035.07	819941.18			
POE	17+50.00	1273384.07	820299.23	STRAIGHT	500.00	N45°43'58"E



LEGEND

	TRANSITION PAVEMENT
	MILLING & RESURFACING
	OVERBUILD
	WIDENING
	NEW CONSTRUCTION

POSTED SPEED LIMIT IS 35 MPH

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

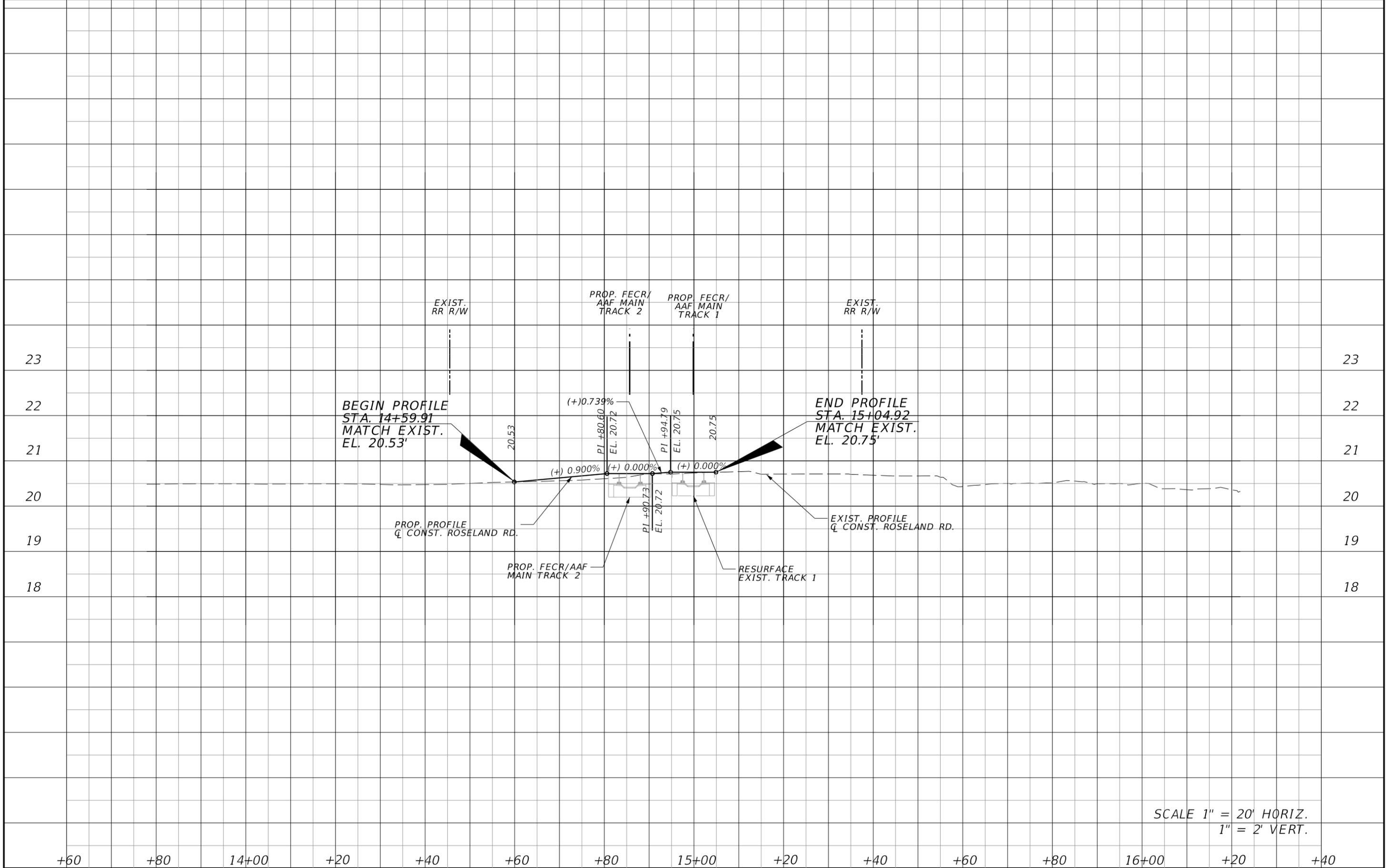
ENGINEER OF RECORD: IAN N. BIAVA
 PE: 50700

AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

ROSELAND ROAD
 M.P. 212.57
 ROADWAY PLAN

SHEET NO.
 164

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



SCALE 1" = 20' HORIZ.
1" = 2' VERT.

REVISIONS	
DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

ENGINEER OF RECORD: IAN N. BIAVA
 PE: 50700

ALL ABOARD FLORIDA		
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

ROSELAND ROAD
M.P. 212+57
ROADWAY PROFILE

SHEET NO.
165

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

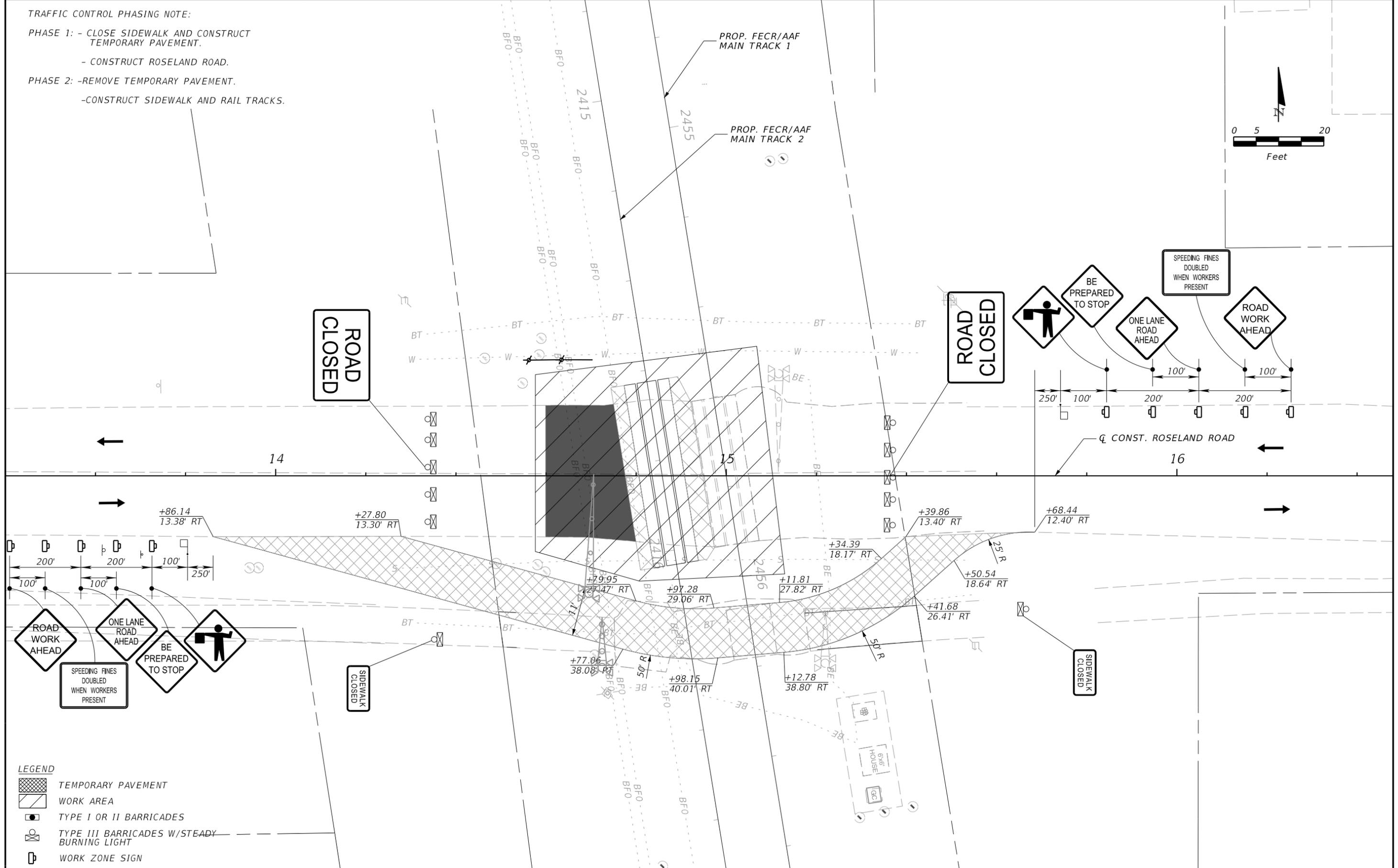
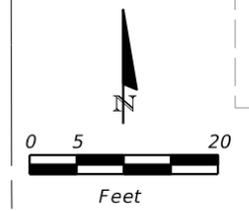
TRAFFIC CONTROL PHASING NOTE:

PHASE 1: - CLOSE SIDEWALK AND CONSTRUCT TEMPORARY PAVEMENT.

- CONSTRUCT ROSELAND ROAD.

PHASE 2: -REMOVE TEMPORARY PAVEMENT.

-CONSTRUCT SIDEWALK AND RAIL TRACKS.



- LEGEND**
- TEMPORARY PAVEMENT
 - WORK AREA
 - TYPE I OR II BARRICADES
 - TYPE III BARRICADES W/STEADY BURNING LIGHT
 - WORK ZONE SIGN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

ENGINEER OF RECORD: ERIC C. WOOLEY
 PE: 54879

ALL ABOARD FLORIDA

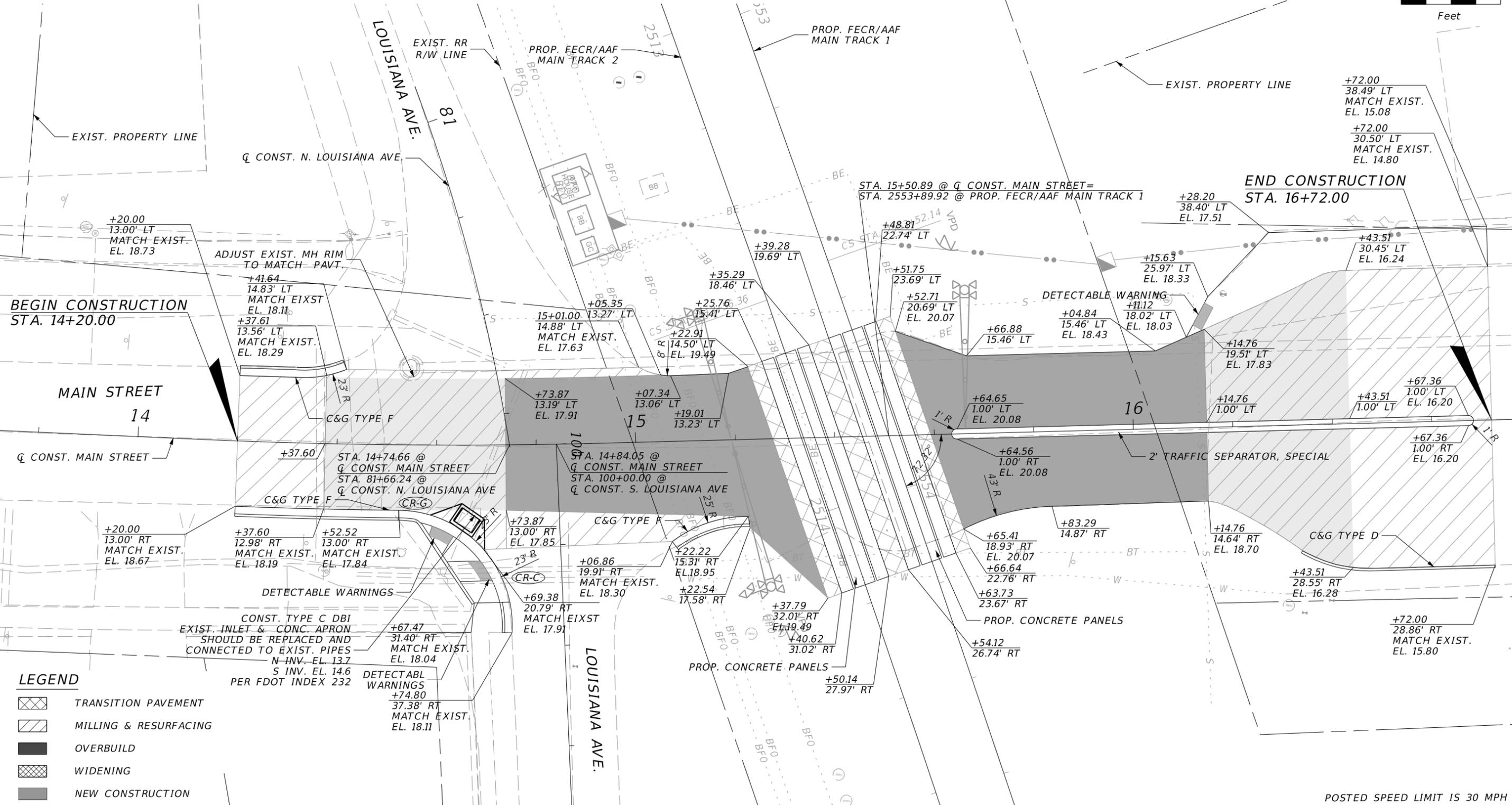
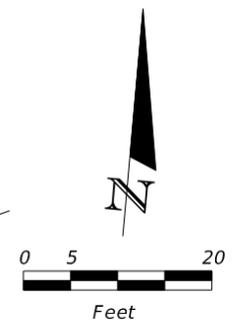
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

ROSELAND ROAD
 M.P. 212.57
TEMP. TRAFFIC CONTROL PLAN

SHEET NO.
 166

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

POINT	STATION	NORTHING	EASTING	ELEMENT	LENGTH (FT)	WBC (0°00'00") (STRAIGHT)	WCB (0°00'00")	
							R=STARTING ANGLE	R=END ANGLE
POB	12+50.00	1266598.93	826919.24					
PC	14+13.30	1266606.36	827082.38	STRAIGHT	163.30	N87° 23' 41"E		
PT	14+93.40	1266612.79	827162.20	R=1146.0000	80.10	N87° 23' 41"E	N83° 23' 24"E	
POE	19+51.71	1266665.54	827617.47	STRAIGHT	458.31	N83° 23' 24"E		



LEGEND

- TRANSITION PAVEMENT
- MILLING & RESURFACING
- OVERBUILD
- WIDENING
- NEW CONSTRUCTION

CONST. TYPE C DBI
EXIST. INLET & CONC. APRON
SHOULD BE REPLACED AND
CONNECTED TO EXIST. PIPES
N INV. EL. 13.7
S INV. EL. 14.6
PER FDOT INDEX 232

DETECTABL
WARNINGS
+74.80
37.38' RT
MATCH EXIST.
EL. 18.11

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
4500 SALISBURY ROAD, SUITE 440
JACKSONVILLE, FL 32216
CA# 7503
PHONE: (904) 245-6500
FAX: (904) 245-6510

ENGINEER OF RECORD: ERIC C. WOOLEY
PE: 54879

ALL ABOARD FLORIDA

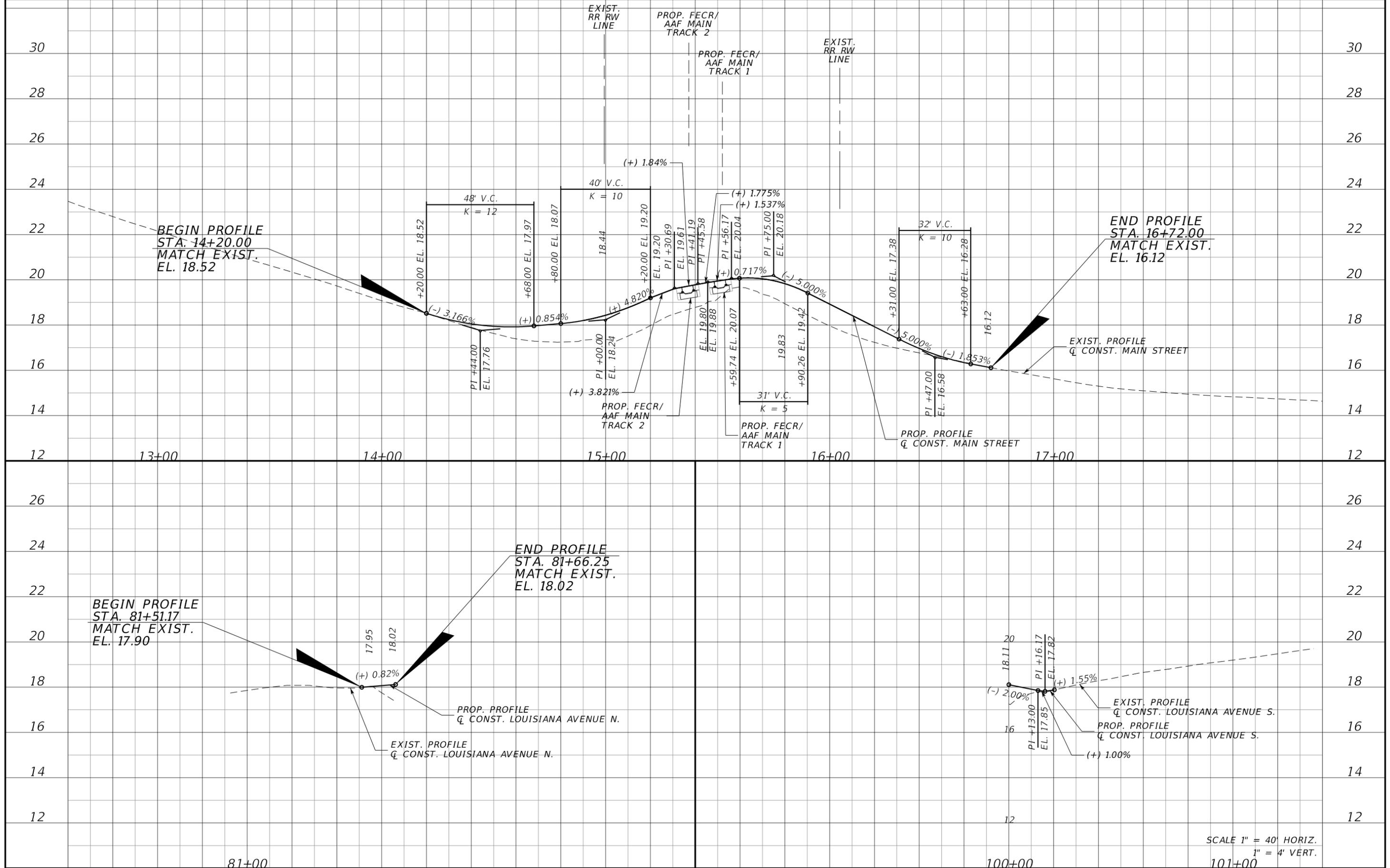
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

**MAIN STREET
MP 214.42
ROADWAY PLAN**

SHEET
NO.
167

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

POSTED SPEED LIMIT IS 30 MPH



SCALE 1" = 40' HORIZ.
1" = 4' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
4500 SALISBURY ROAD, SUITE 440
JACKSONVILLE, FL. 32216
CA# 7503
PHONE: (904) 245-6500
FAX: (904) 245-6510

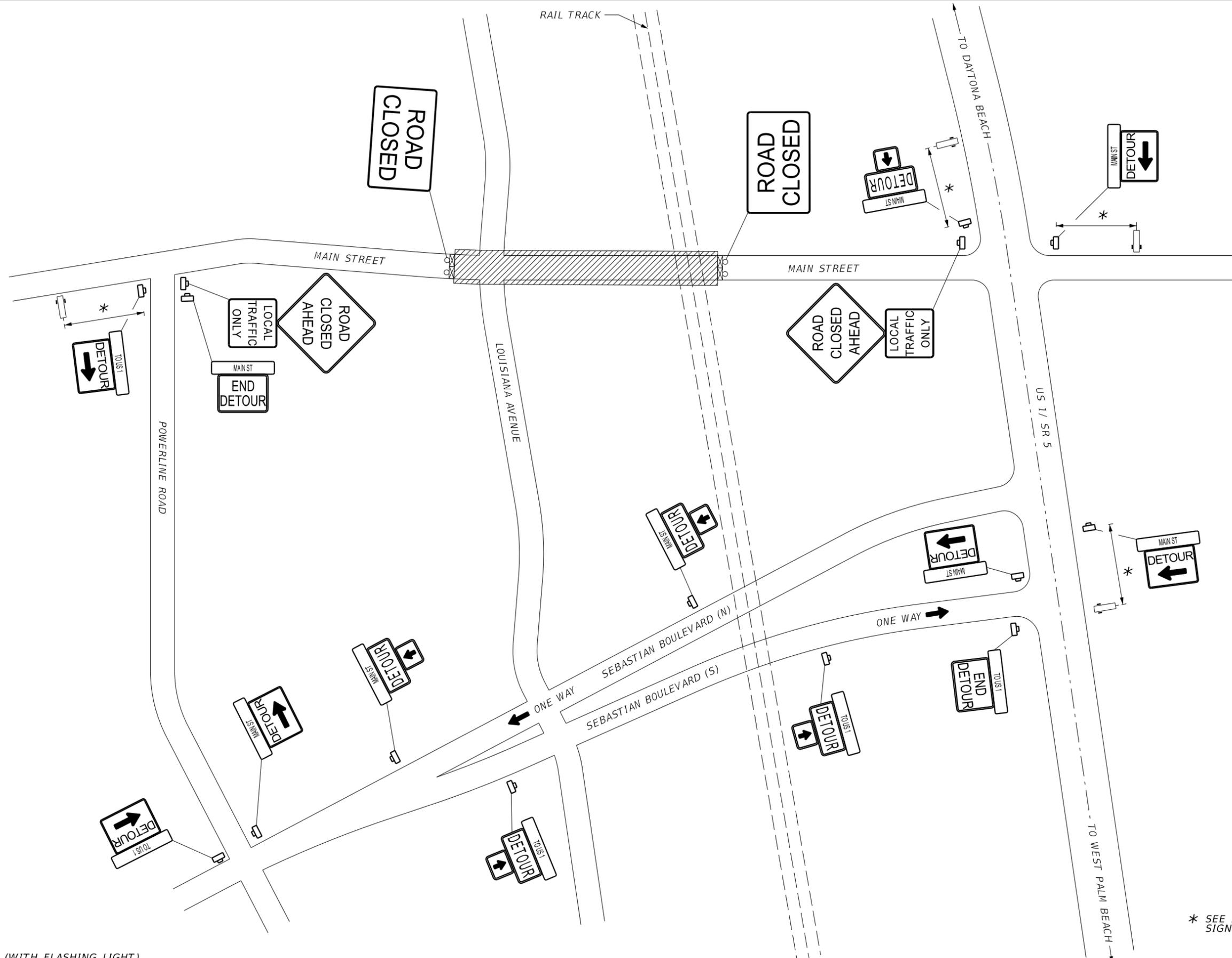
ENGINEER OF RECORD: ERIC C. WOOLEY
PE: 54879

ALL ABOARD FLORIDA		
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

**MAIN STREET
MP 214.42
ROADWAY PROFILE**

SHEET NO.
168

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



LEGEND

-  WORK AREA
-  PCMS
-  WORK ZONE SIGN
-  TYPE III BARRICADE (WITH FLASHING LIGHT)

* SEE ADVANCED WARNING SIGNS DETAIL

REVISIONS	
DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL. 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

ENGINEER OF RECORD: ERIC C. WOOLEY
 PE: 54879

ALL ABOARD FLORIDA

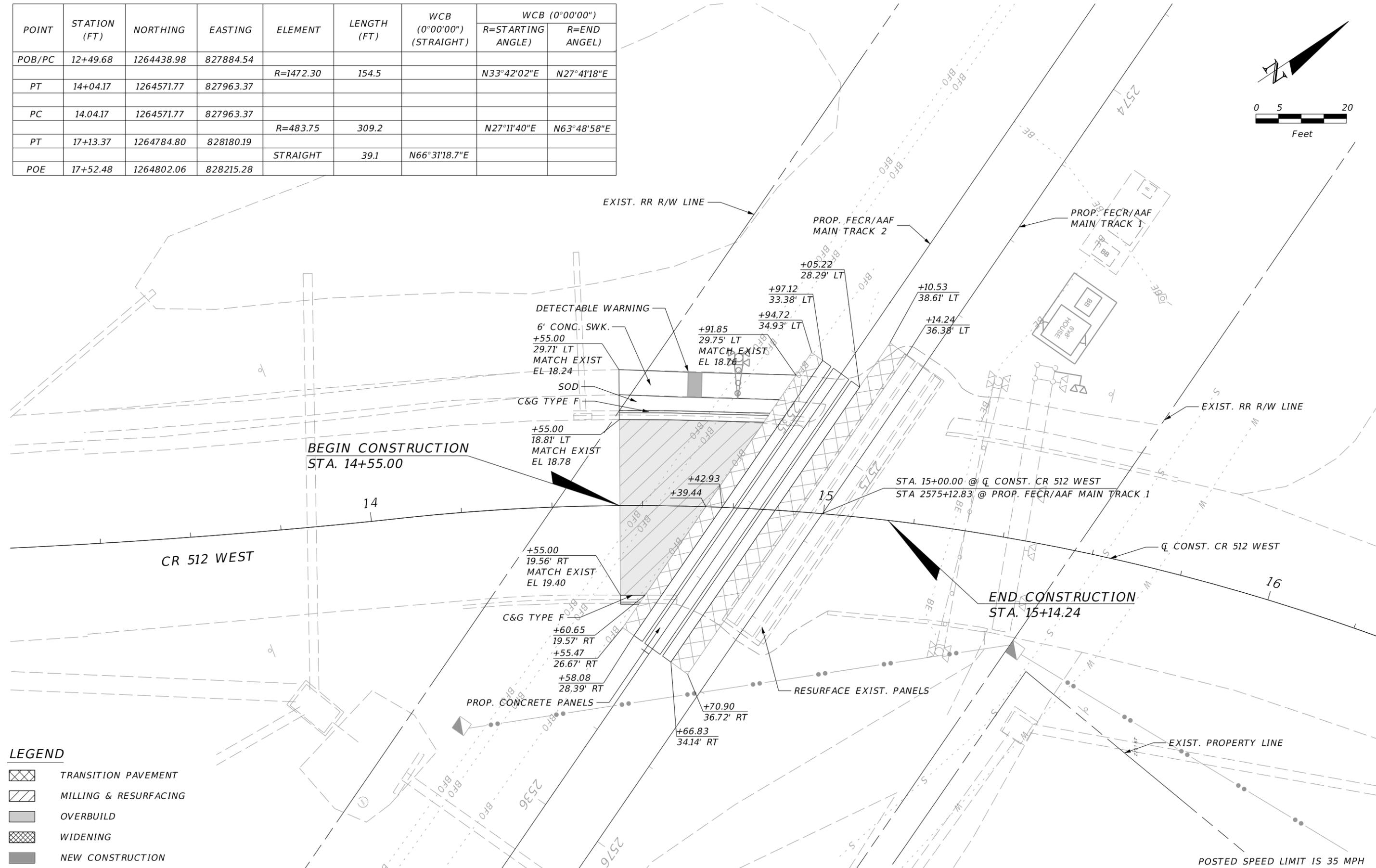
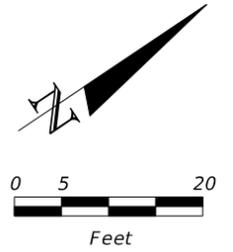
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

**MAIN STREET
 MP 214.42
 ROAD CLOSURE DETOUR PLAN**

SHEET NO.
 169

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

POINT	STATION (FT)	NORTHING	EASTING	ELEMENT	LENGTH (FT)	WCB (0°00'00") (STRAIGHT)	WCB (0°00'00")	
							R=STARTING ANGLE	R=END ANGLE
POB/PC	12+49.68	1264438.98	827884.54					
				R=1472.30	154.5		N33°42'02"E	N27°41'18"E
PT	14+04.17	1264571.77	827963.37					
				R=483.75	309.2		N27°11'40"E	N63°48'58"E
PC	14.04.17	1264571.77	827963.37					
PT	17+13.37	1264784.80	828180.19					
				STRAIGHT	39.1	N66°31'18.7"E		
POE	17+52.48	1264802.06	828215.28					



LEGEND

	TRANSITION PAVEMENT
	MILLING & RESURFACING
	OVERBUILD
	WIDENING
	NEW CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

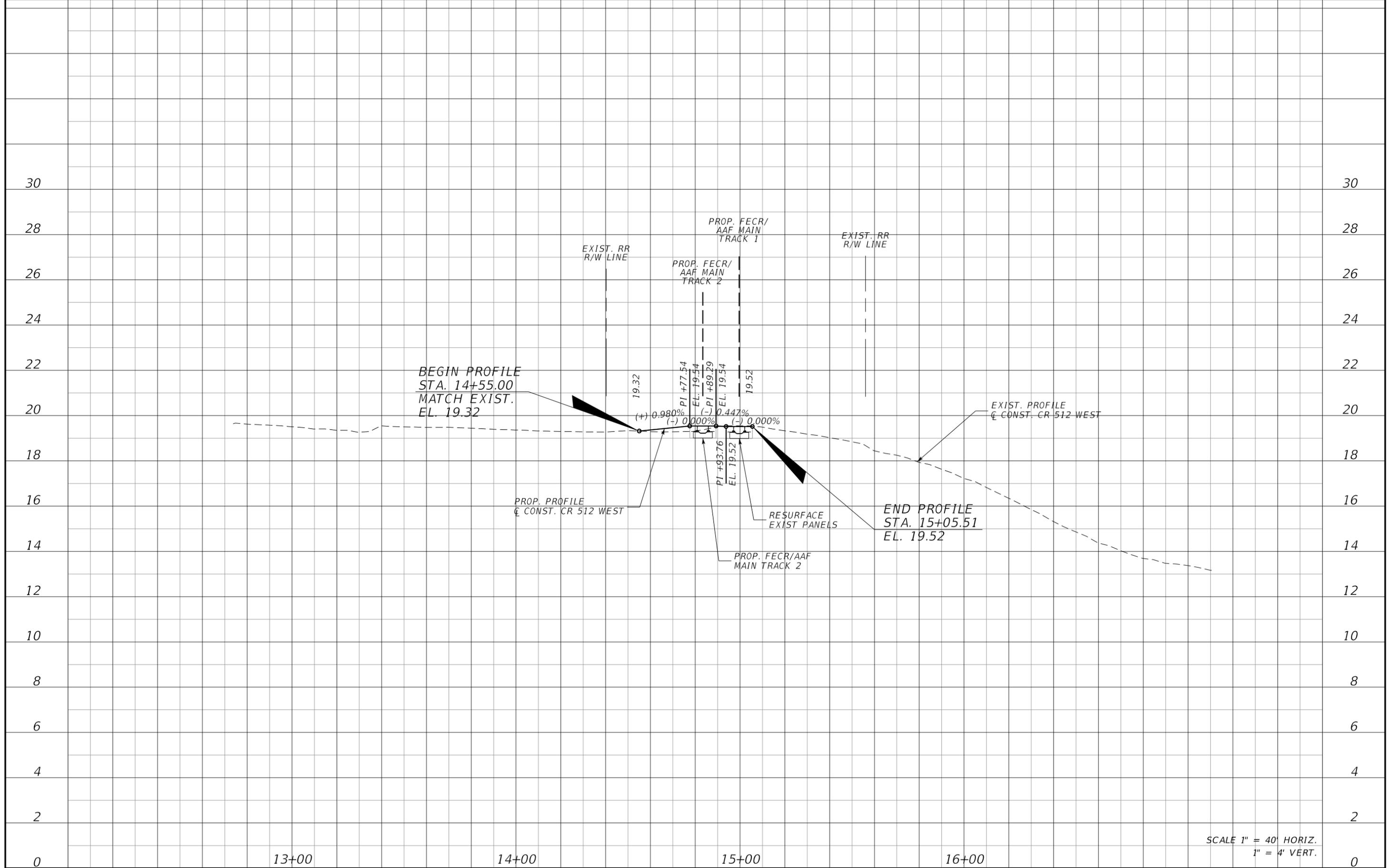
ENGINEER OF RECORD: IAN N. BIAVA
 PE: 50700

ALL ABOARD FLORIDA		
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

CR 512 WEST / SEBASTIAN BLVD
MP 214.70
ROADWAY PLAN

SHEET NO.
170

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

ENGINEER OF RECORD: JAN N. BIAVA
 PE: 50700

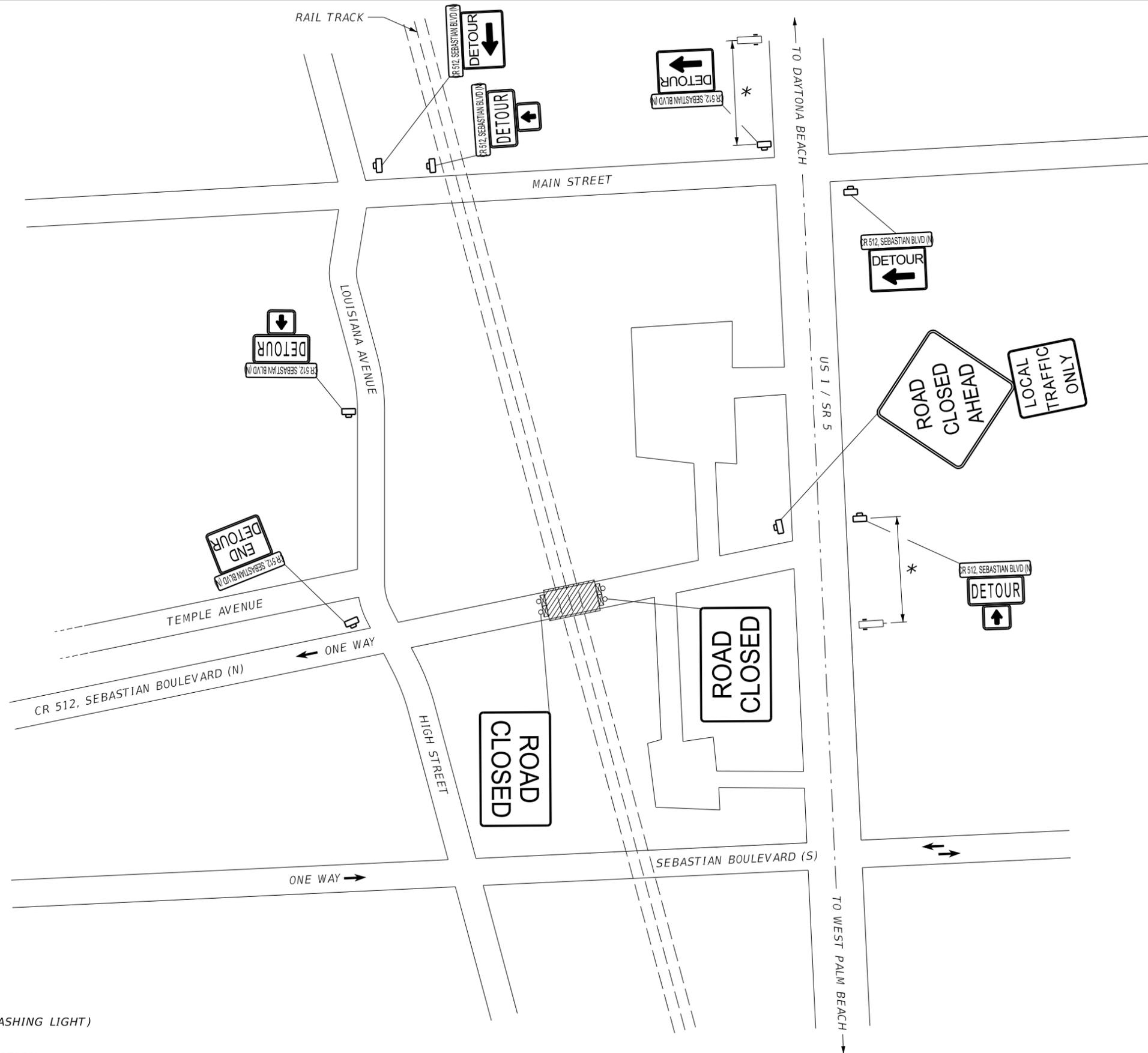
ALL ABOARD FLORIDA

AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

**CR 512 WEST / SEBASTIAN BLVD
 MP 214.70
 ROADWAY PROFILE**

SHEET NO.
171

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



LEGEND

-  WORK AREA
-  PCMS
-  WORK ZONE SIGN
-  TYPE III BARRICADE (WITH FLASHING LIGHT)
-  ONE WAY ROAD TRAFFIC DIRECTION

* SEE ADVANCED WARNING SIGNS DETAIL

REVISIONS	
DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

ENGINEER OF RECORD: ERIC C. WOOLEY
 PE: 54879

ALL ABOARD FLORIDA

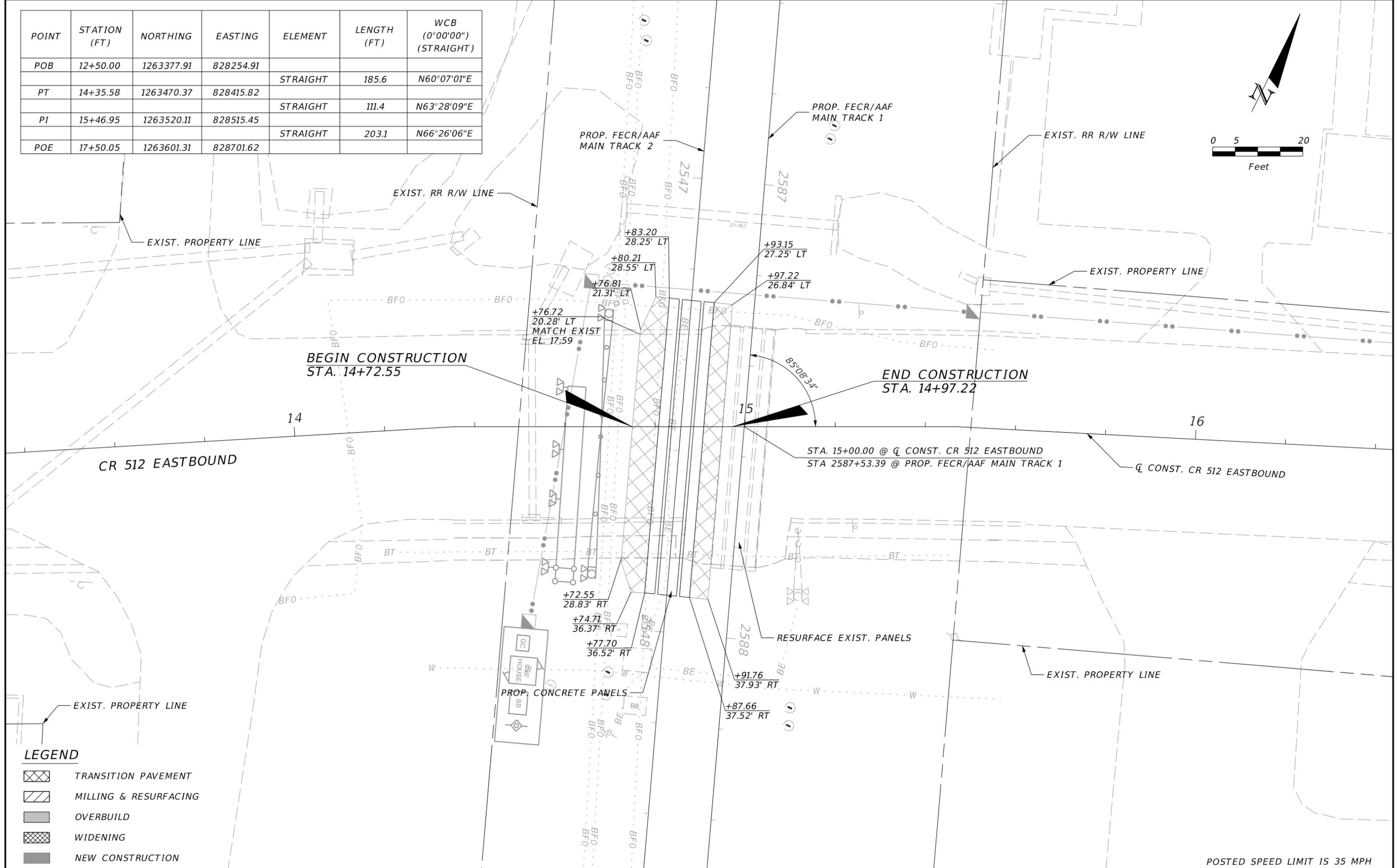
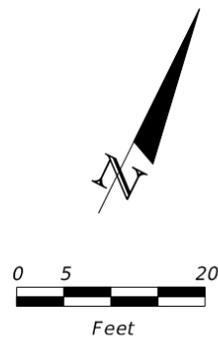
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

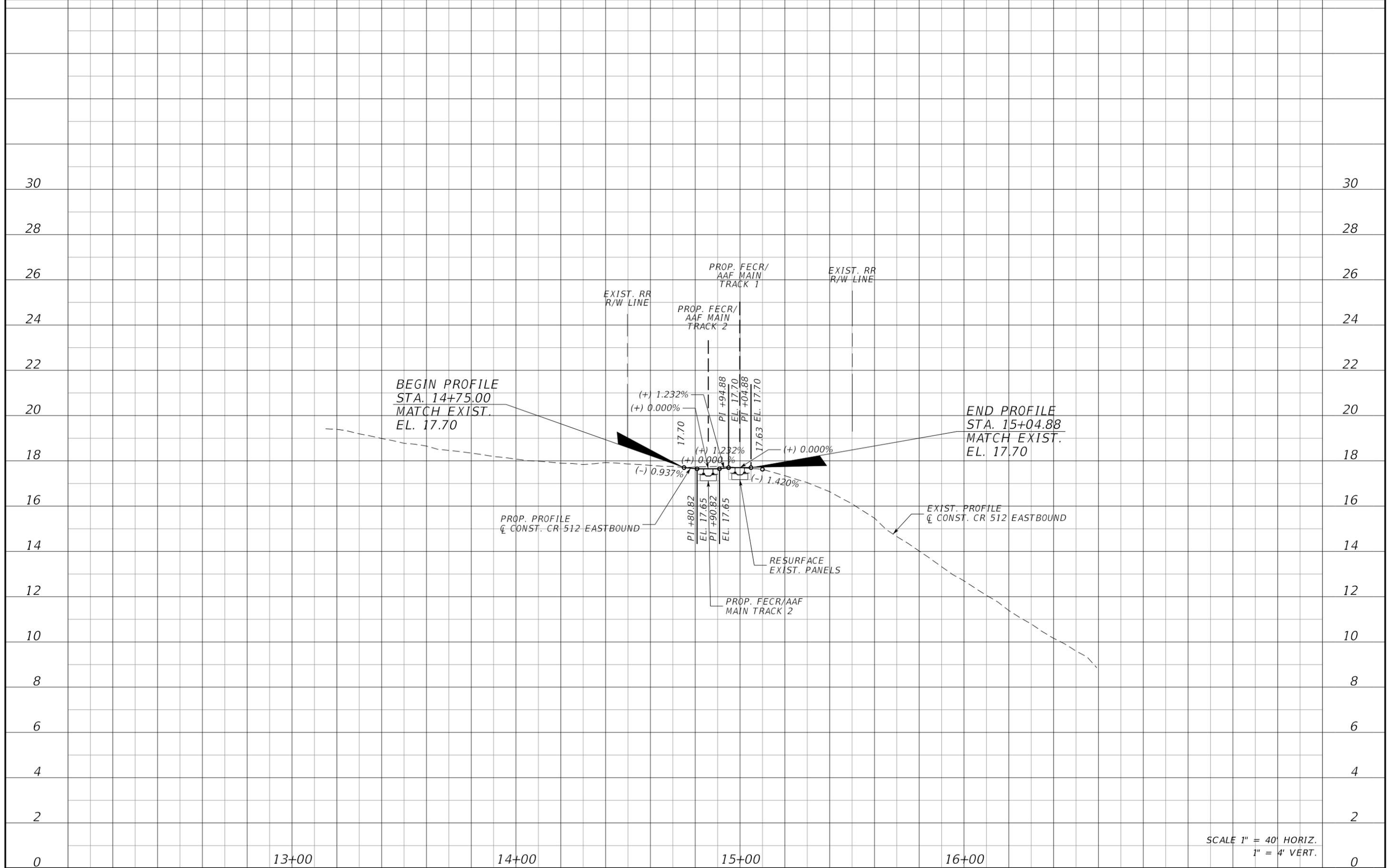
CR 512, SEBASTIAN BLVD (N)
MP 214.70
ROAD CLOSURE DETOUR PLAN

SHEET NO.	172
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NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

POINT	STATION (FT)	NORTHING	EASTING	ELEMENT	LENGTH (FT)	WCB (0°00'00") (STRAIGHT)
POB	12+50.00	1263377.91	828254.91			
				STRAIGHT	185.6	N60°07'01"E
PT	14+35.58	1263470.37	828415.82			
				STRAIGHT	111.4	N63°28'09"E
PI	15+46.95	1263520.11	828515.45			
				STRAIGHT	203.1	N66°26'06"E
POE	17+50.05	1263601.31	828701.62			





SCALE 1" = 40' HORIZ.
1" = 4' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

ENGINEER OF RECORD: JAN N. BIAVA
 PE: 50700

ALL ABOARD FLORIDA		
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

**CR 512 EASTBOUND
 MP 215.06
 ROADWAY PROFILE**

SHEET NO.
174

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



LEGEND

-  WORK AREA
-  PCMS
-  WORK ZONE SIGN
-  TYPE III BARRICADE (WITH FLASHING LIGHT)
-  ONE WAY ROAD TRAFFIC DIRECTION

* SEE ADVANCED WARNING SIGNS DETAIL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

ENGINEER OF RECORD: ERIC C. WOOLEY
 PE: 54879

ALL ABOARD FLORIDA

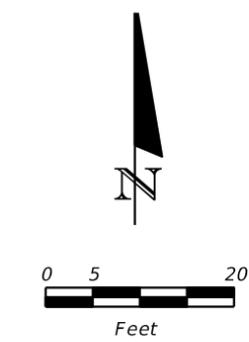
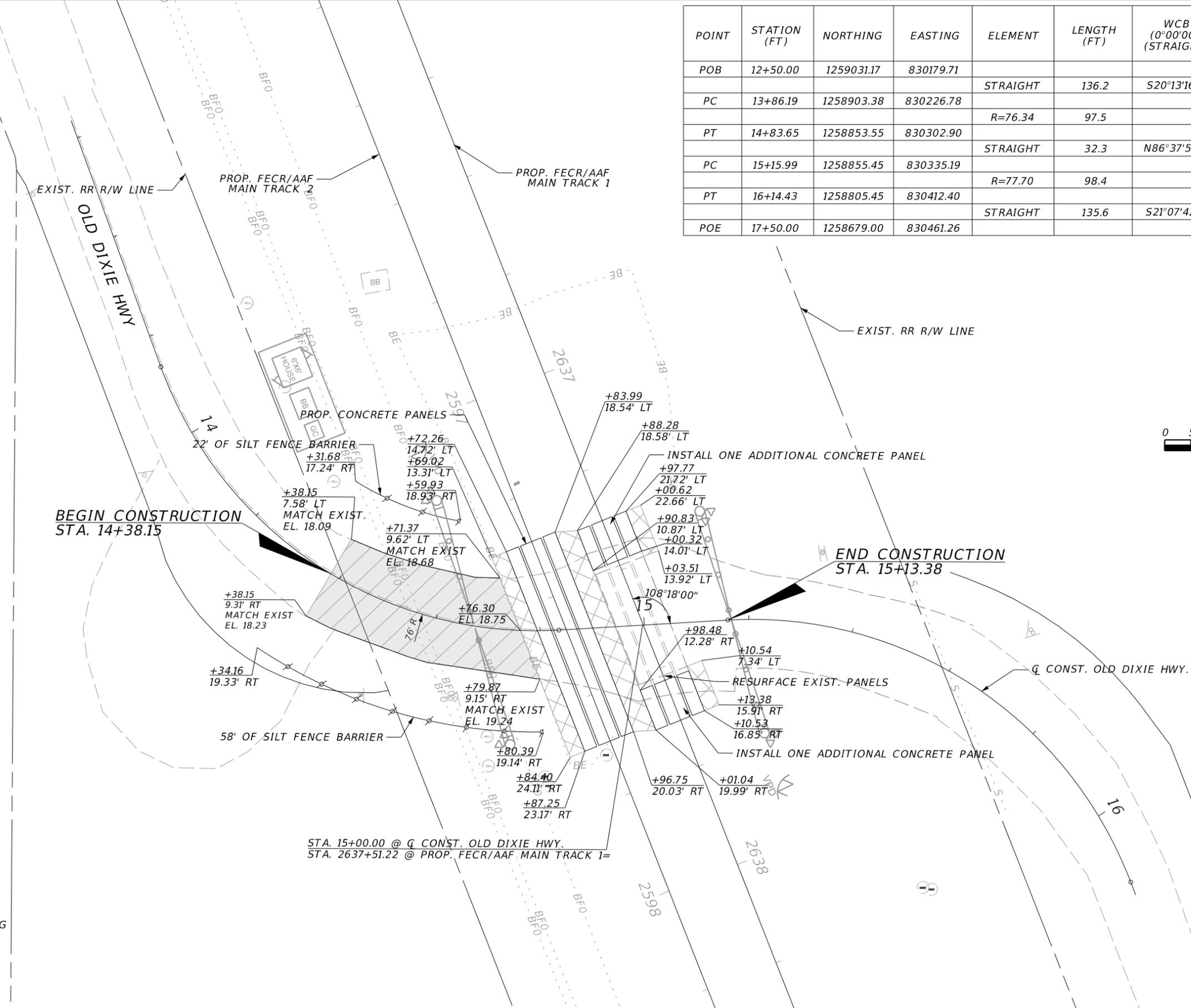
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

SEBASTIAN BOULEVARD (S)
MP 215.06
ROAD CLOSURE DETOUR PLAN

SHEET NO.
 175

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

POINT	STATION (FT)	NORTHING	EASTING	ELEMENT	LENGTH (FT)	WCB (0°00'00") (STRAIGHT)	WCB (0°00'00")	
							R=STARTING ANGLE	R=END ANGLE
POB	12+50.00	1259031.17	830179.71					
				STRAIGHT	136.2	S20°13'16"E		
PC	13+86.19	1258903.38	830226.78					
				R=76.34	97.5		S20°13'16"E	N86°37'57"E
PT	14+83.65	1258853.55	830302.90					
				STRAIGHT	32.3	N86°37'57"E		
PC	15+15.99	1258855.45	830335.19					
				R=77.70	98.4		N86°37'57"E	S20°46'31"E
PT	16+14.43	1258805.45	830412.40					
				STRAIGHT	135.6	S21°07'42"E		
POE	17+50.00	1258679.00	830461.26					



LEGEND

	TRANSITION PAVEMENT
	MILLING & RESURFACING
	OVERBUILD
	WIDENING
	NEW CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
4500 SALISBURY ROAD, SUITE 440
JACKSONVILLE, FL. 32216
CA# 7503
PHONE: (904) 245-6500
FAX: (904) 245-6510

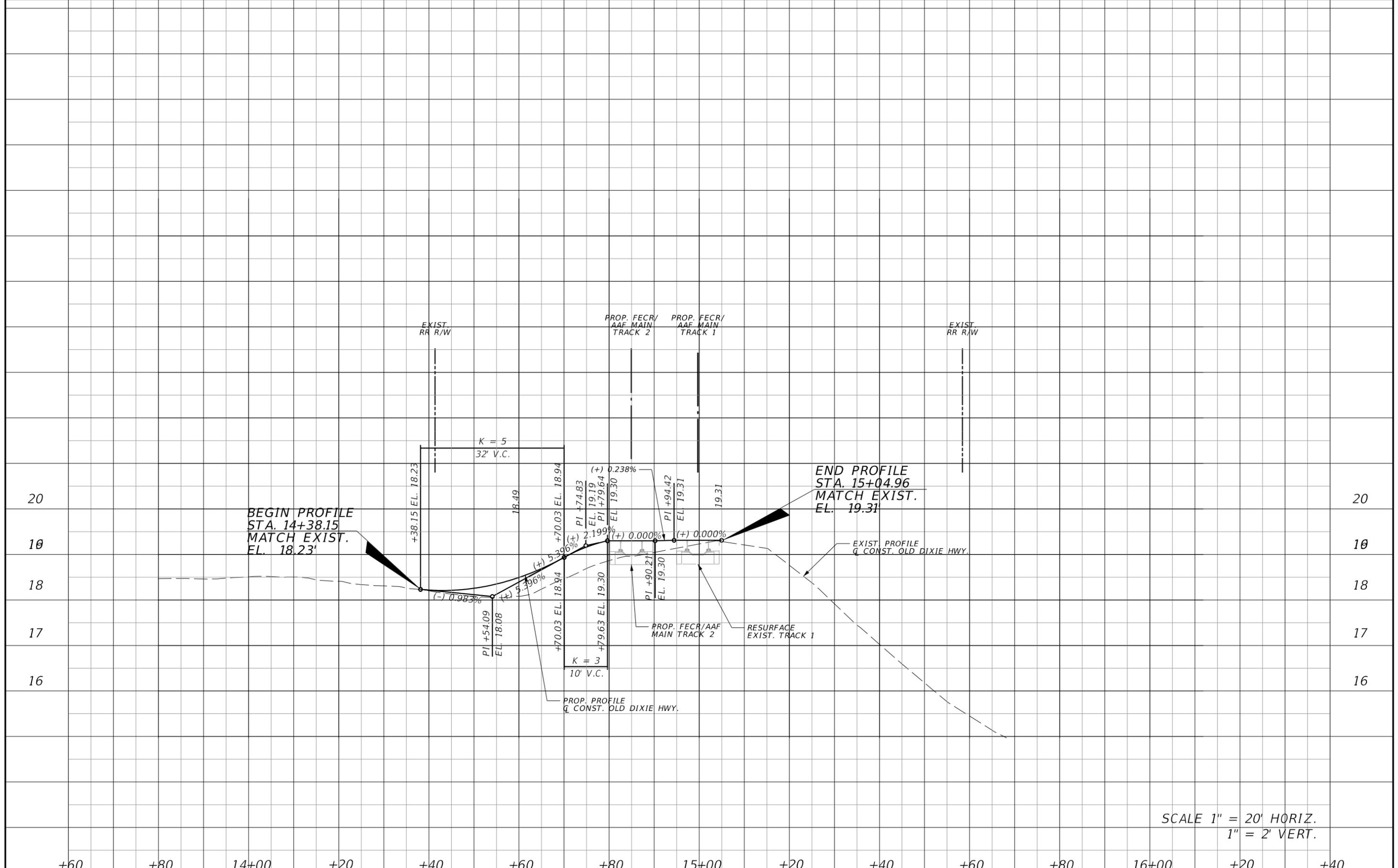
ENGINEER OF RECORD: IAN N. BIAVA
PE: 50700

ALL ABOARD FLORIDA		
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

OLD DIXIE HIGHWAY
M.P. 216+00
ROADWAY PLAN

SHEET NO.
176

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



SCALE 1" = 20' HORIZ.
1" = 2' VERT.

+60 +80 14+00 +20 +40 +60 +80 15+00 +20 +40 +60 +80 16+00 +20 +40

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

ENGINEER OF RECORD: IAN N. BIAVA
 PE: 50700

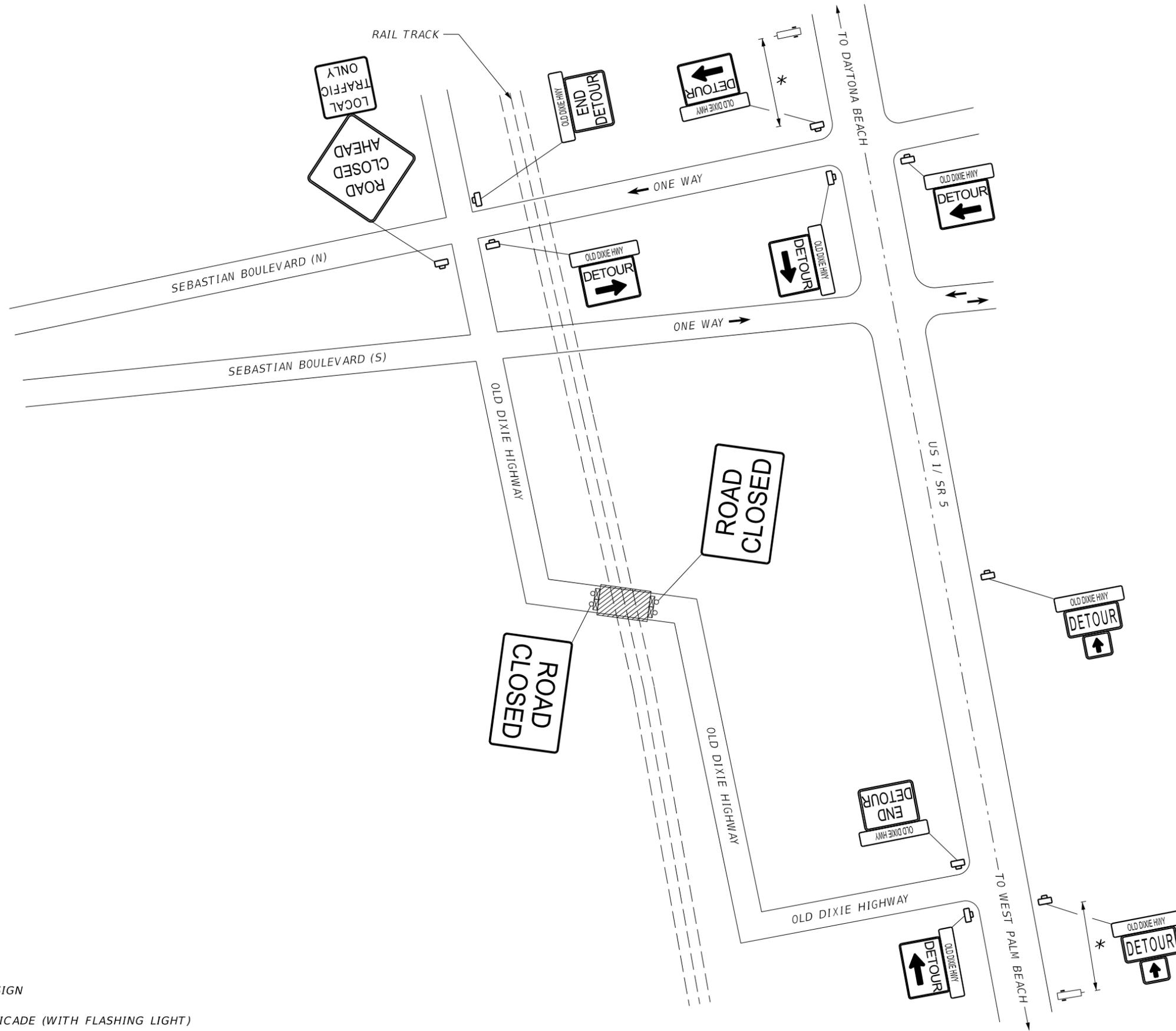
ALL ABOARD FLORIDA

AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

OLD DIXIE HIGHWAY
 M.P. 216.00
ROADWAY PROFILE

SHEET NO.
177

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



* SEE ADVANCED WARNING SIGNS DETAIL

LEGEND

-  WORK AREA
-  PCMS
-  WORK ZONE SIGN
-  TYPE III BARRICADE (WITH FLASHING LIGHT)
-  ONE WAY ROAD TRAFFIC DIRECTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

ENGINEER OF RECORD: ERIC C. WOOLEY
 PE: 54879

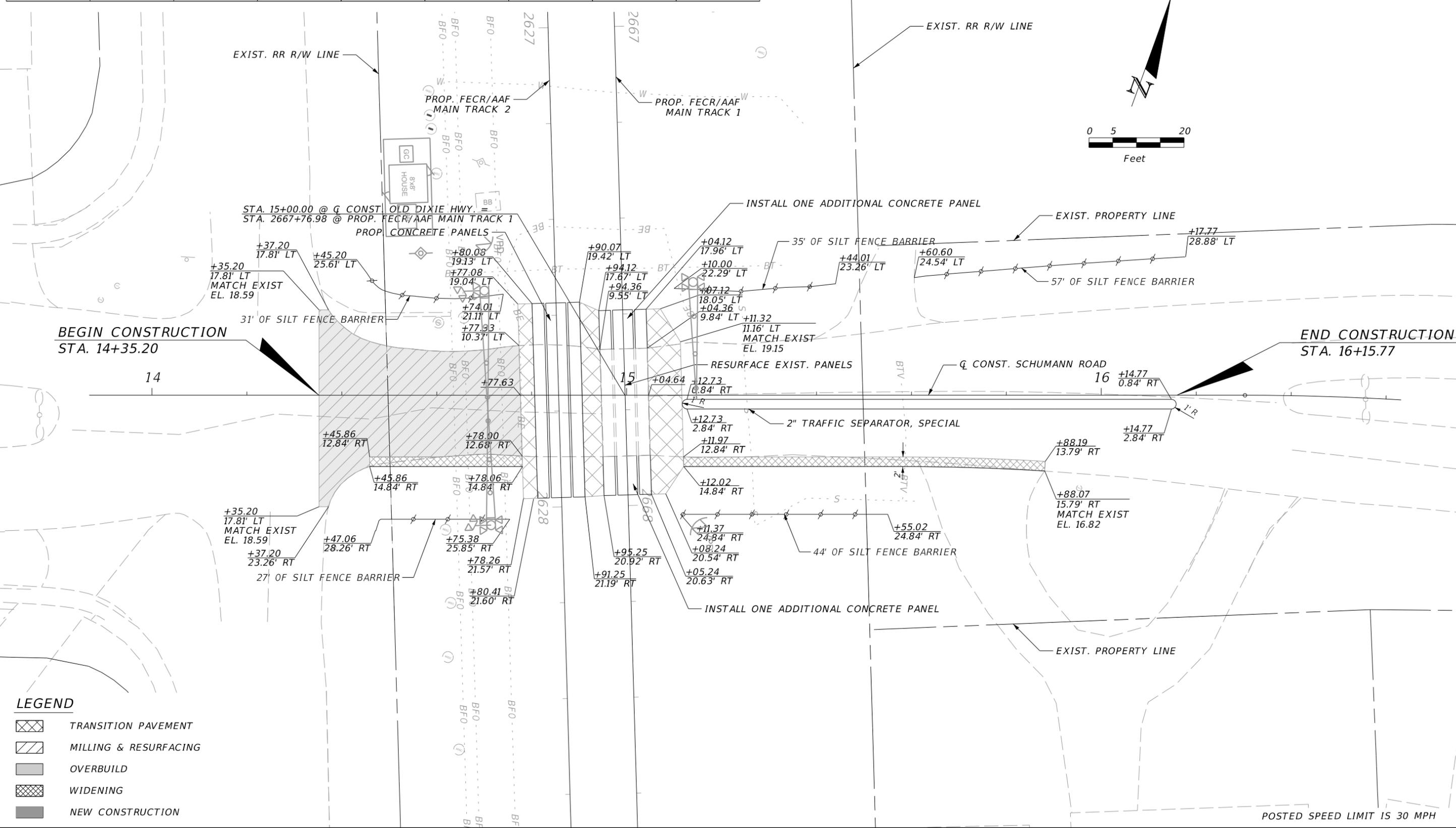
		
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

OLD DIXIE HIGHWAY
MP 216.00
ROAD CLOSURE DETOUR PLAN

SHEET NO.
 178

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

POINT	STATION	NORTHING	EASTING	ELEMENT	LENGTH (FT)	WBC (0°00'00") (STRAIGHT)	WCB (0°00'00")	
							R=STARTING ANGLE	R=END ANGLE
POB	12+50.00	1255957.24	831201.84					
POE	17+49.89	1256115.89	831675.08	STRAIGHT	500.00	N82°22'06"E		



LEGEND

	TRANSITION PAVEMENT
	MILLING & RESURFACING
	OVERBUILD
	WIDENING
	NEW CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL. 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

ENGINEER OF RECORD: IAN N. BIAVA
 PE: 50700

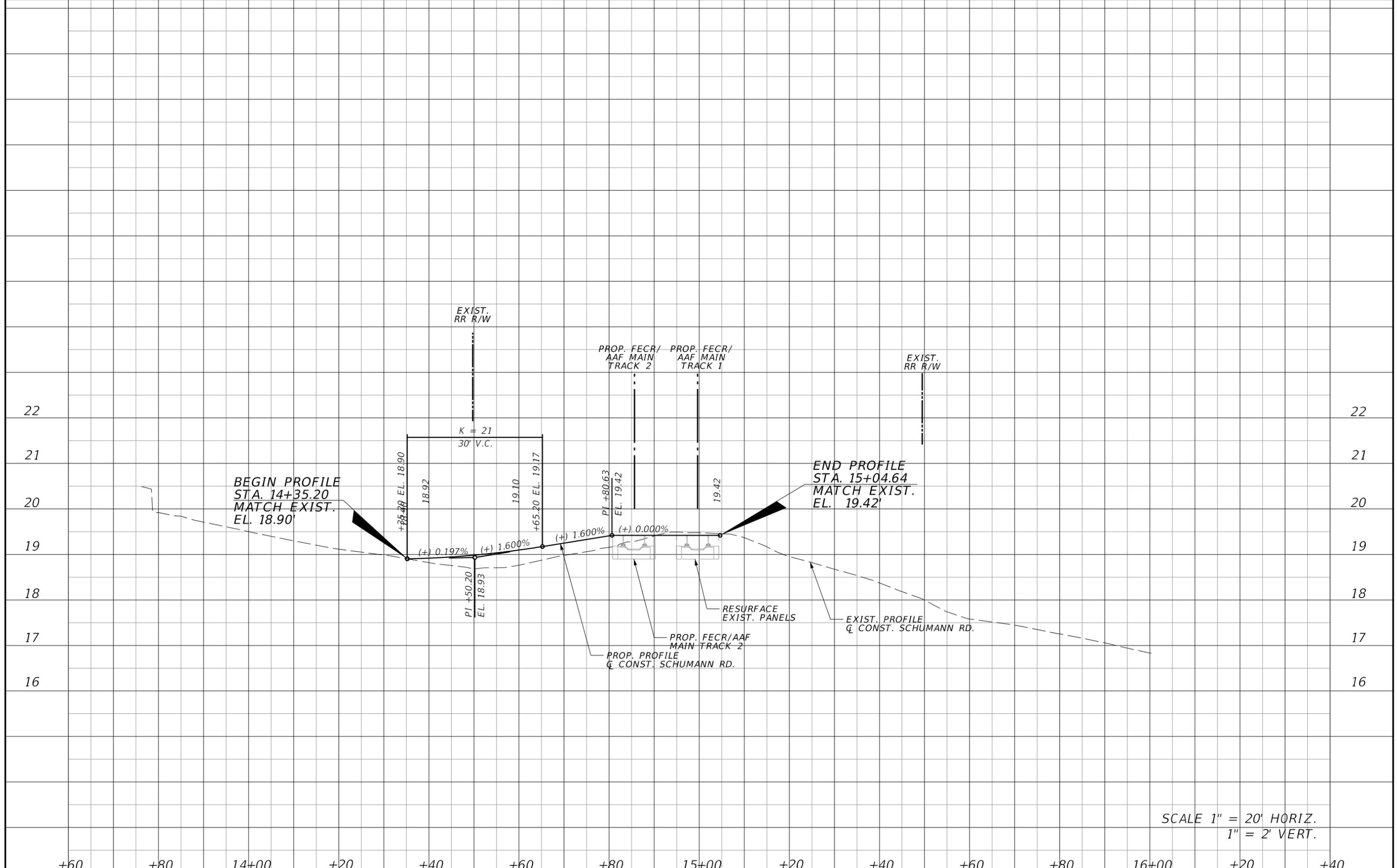
ALL ABOARD FLORIDA		
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

SCHUMANN ROAD
M.P. 216.59
ROADWAY PLAN

SHEET NO.
179

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

POSTED SPEED LIMIT IS 30 MPH



SCALE 1" = 20' HORIZ.
1" = 2' VERT.

+60 +80 14+00 +20 +40 +60 +80 15+00 +20 +40 +60 +80 16+00 +20 +40

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL. 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

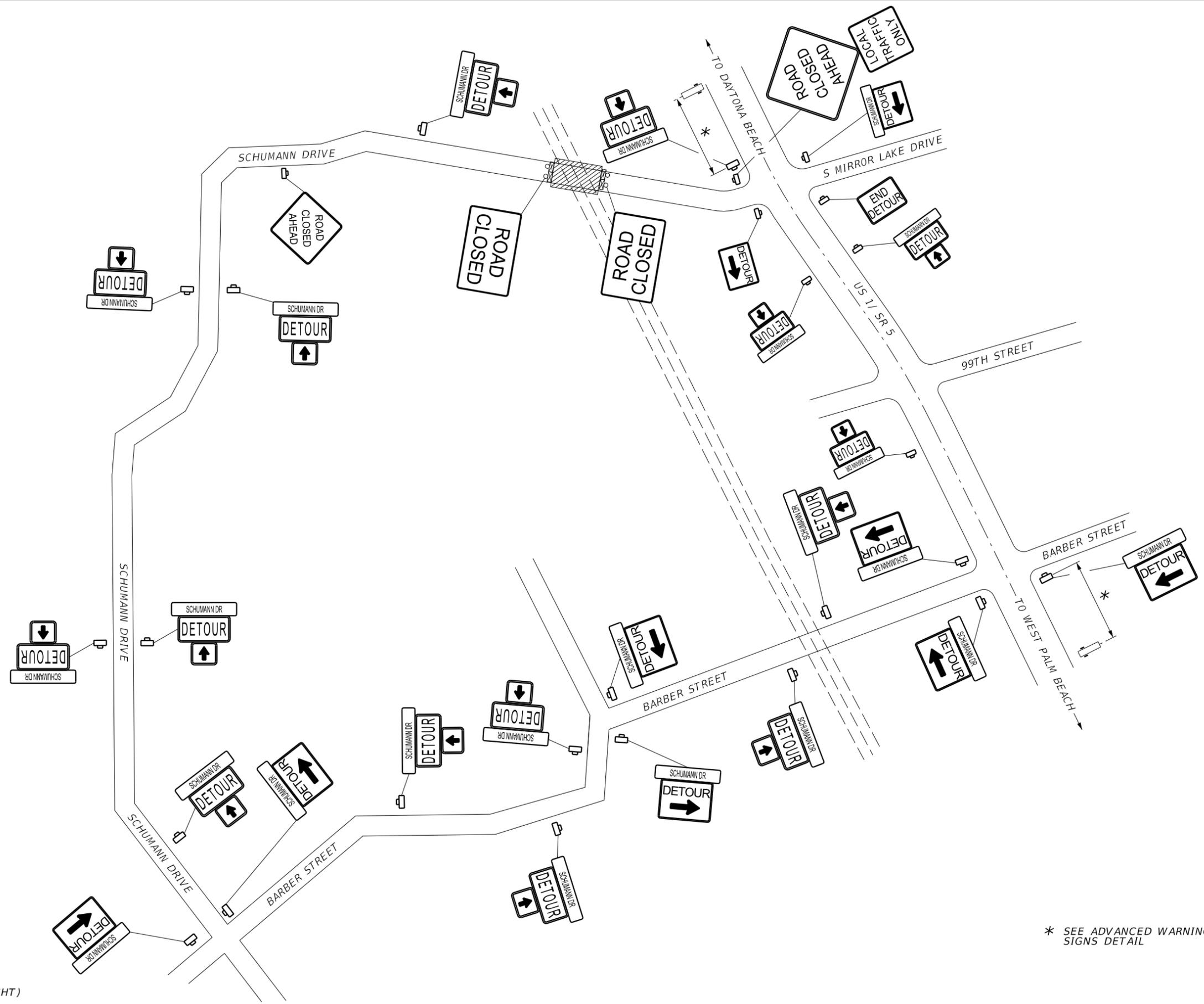
ENGINEER OF RECORD: IAN N. BIAVA
 PE: 50700

ALL ABOARD FLORIDA		
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

SCHUMANN ROAD
M.P. 216+59
ROADWAY PROFILE

SHEET NO.
180

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LEGEND

-  WORK AREA
-  PCMS
-  WORK ZONE SIGN
-  TYPE III BARRICADE (WITH FLASHING LIGHT)

* SEE ADVANCED WARNING SIGNS DETAIL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL. 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

ENGINEER OF RECORD: ERIC C. WOOLEY
 PE: 54879

ALL ABOARD FLORIDA

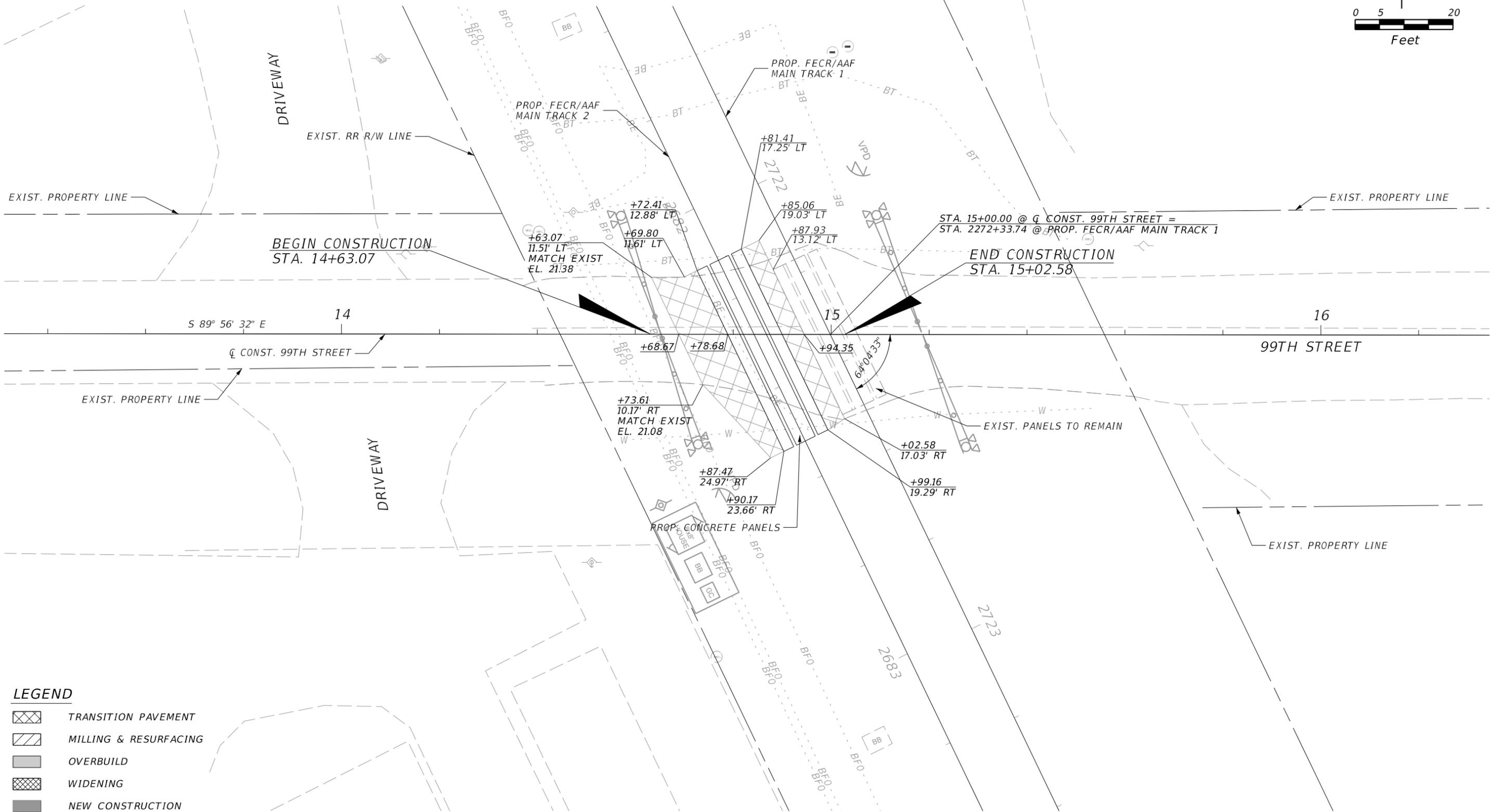
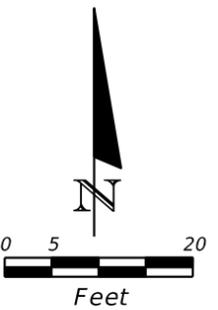
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

SCHUMANN DRIVE
MP 216.59
ROAD CLOSURE DETOUR PLAN

SHEET NO.
 181

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

POINT	STATION (FT)	NORTHING	EASTING	ELEMENT	LENGTH (FT)	WCB (0°00'00") (STRAIGHT)	WCB (0°00'00")	
							R=STARTING ANGLE	R=END ANGLE
POB	12+50.00	1251026.57	833327.39					
				STRAIGHT	500	S 89°56'32"E		
POE	17+50.00	1251026.06	833827.39					



LEGEND

	TRANSITION PAVEMENT
	MILLING & RESURFACING
	OVERBUILD
	WIDENING
	NEW CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

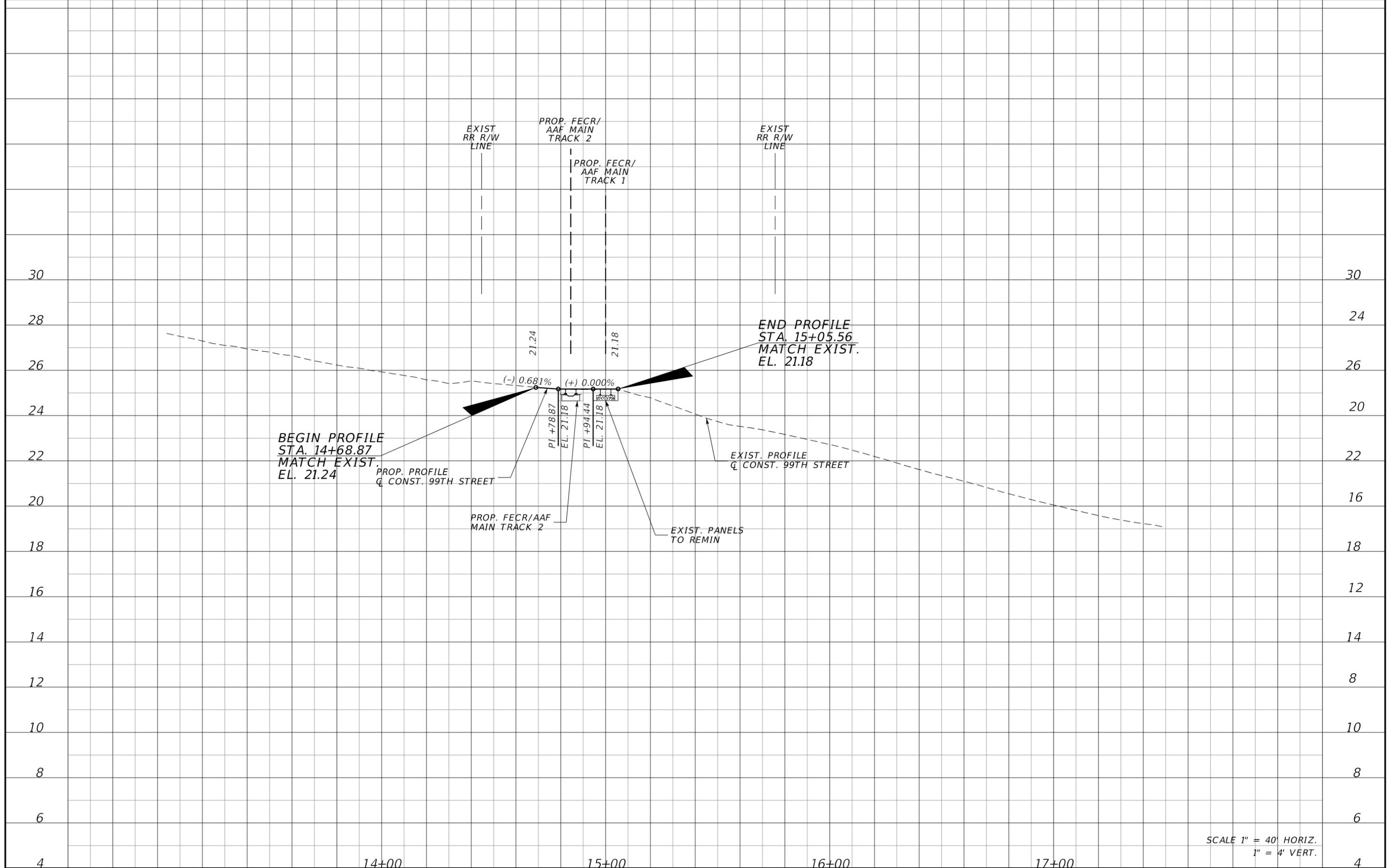
ENGINEER OF RECORD: IAN N. BIAVA
 PE: 50700

AAF CONTRACT	SECTION	COUNTY
FECD	D08	BREVARD INDIAN RIVER

**99TH ST. (VICKERS ROAD)
 MP 217.61
 ROADWAY PLAN**

SHEET NO.
182

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



SCALE 1" = 40' HORIZ.
1" = 4' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL. 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

ENGINEER OF RECORD: JAN N. BIAVA
 PE: 50700

ALL ABOARD FLORIDA

AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

99TH ST. (VICKERS ROAD)
MP 217.61
ROADWAY PROFILE

SHEET NO.
183

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

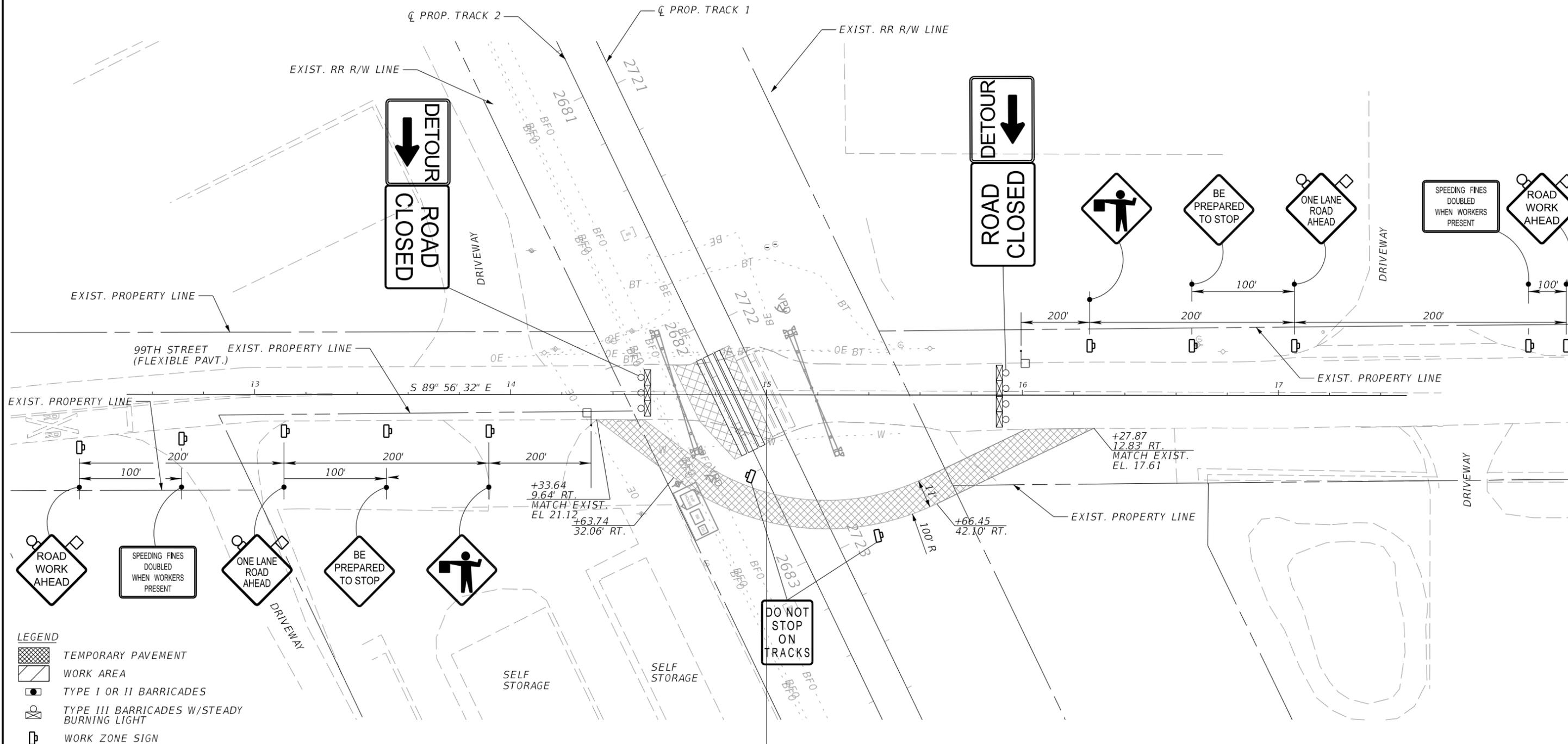
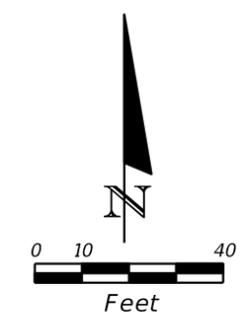
TRAFFIC CONTROL PHASING NOTE:

PHASE 1: -CONSTRUCT TEMPORARY PAVEMENT

PHASE 2: -DETOUR TRAFFIC ON TEMPORARY PAVEMENT

- CONSTRUCT 99TH STREET

- REMOVE TEMPORARY PAVEMENT



- LEGEND**
- TEMPORARY PAVEMENT
 - WORK AREA
 - TYPE I OR II BARRICADES
 - TYPE III BARRICADES W/STEADY BURNING LIGHT
 - WORK ZONE SIGN

REVISIONS	
DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

ENGINEER OF RECORD: IAN N. BIAVA
 PE: 50700

ALL ABOARD FLORIDA

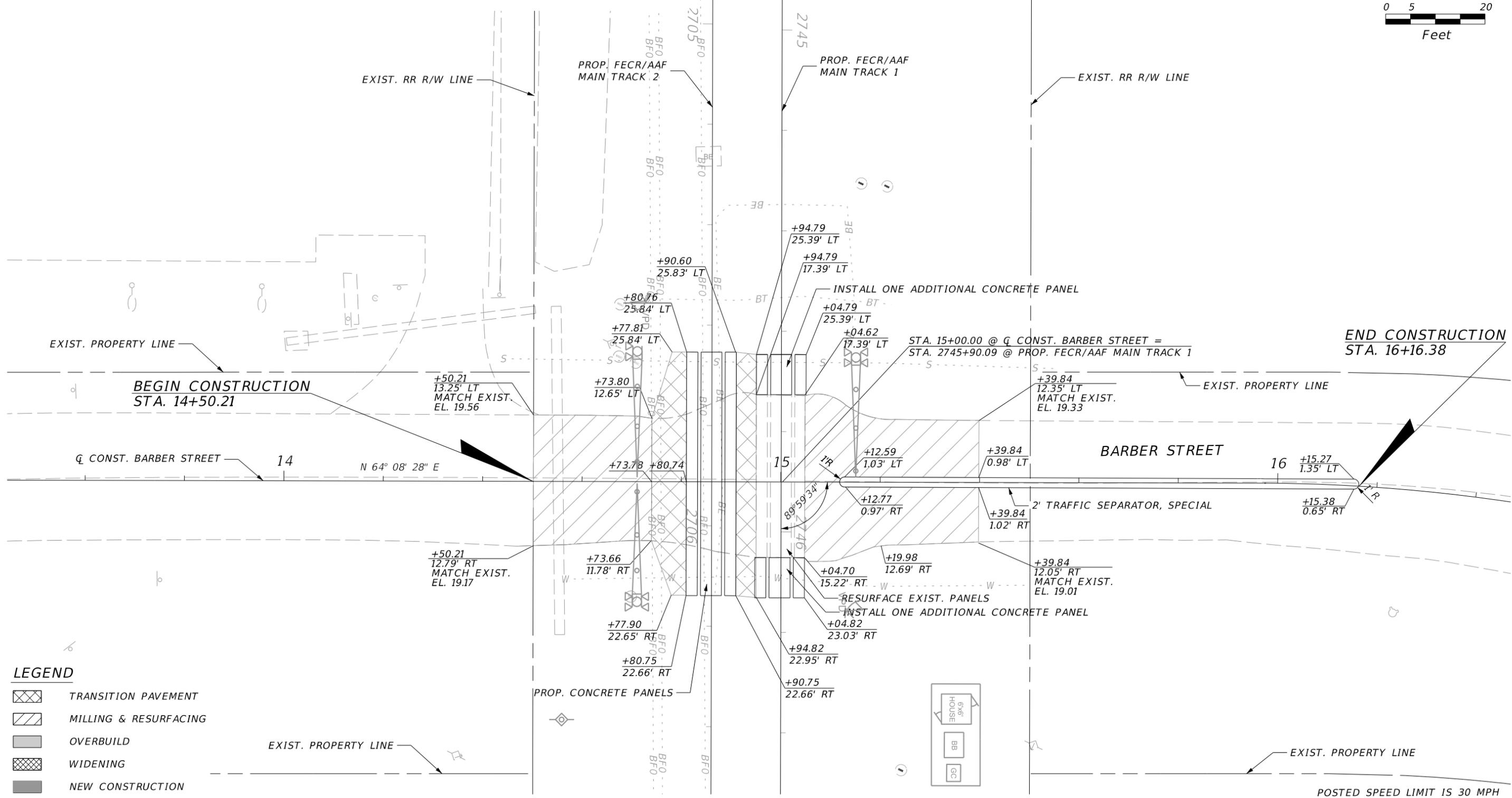
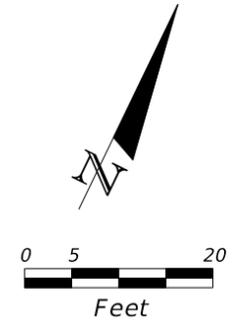
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

**99TH ST. (VICKERS ROAD)
 MP 217.61
 ROADWAY CLOSURE DETOUR PLAN**

SHEET NO.
184

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

POINT	STATION (FT)	NORTHING	EASTING	ELEMENT	LENGTH (FT)	WCB (0°00'00") (STRAIGHT)	WCB (0°00'00")	
							R=STARTING ANGLE	R=END ANGLE
POB	12+50.00	1248797.09	834379.91					
				STRAIGHT	346.56	N 64°08'28"E		
PC	15+96.56	1248948.25	834691.78					
				R=350.76	156.21	N 64°08'28"E	N 89°39'24"E	
PT/POE	17+52.77	1248983.36	833827.39			N 89°39'24"E		



LEGEND

	TRANSITION PAVEMENT
	MILLING & RESURFACING
	OVERBUILD
	WIDENING
	NEW CONSTRUCTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL 32216
 CA# 7503
 PHONE: (904) 245-6500
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ENGINEER OF RECORD: IAN N. BIAVA
 PE: 50700

ALL ABOARD FLORIDA

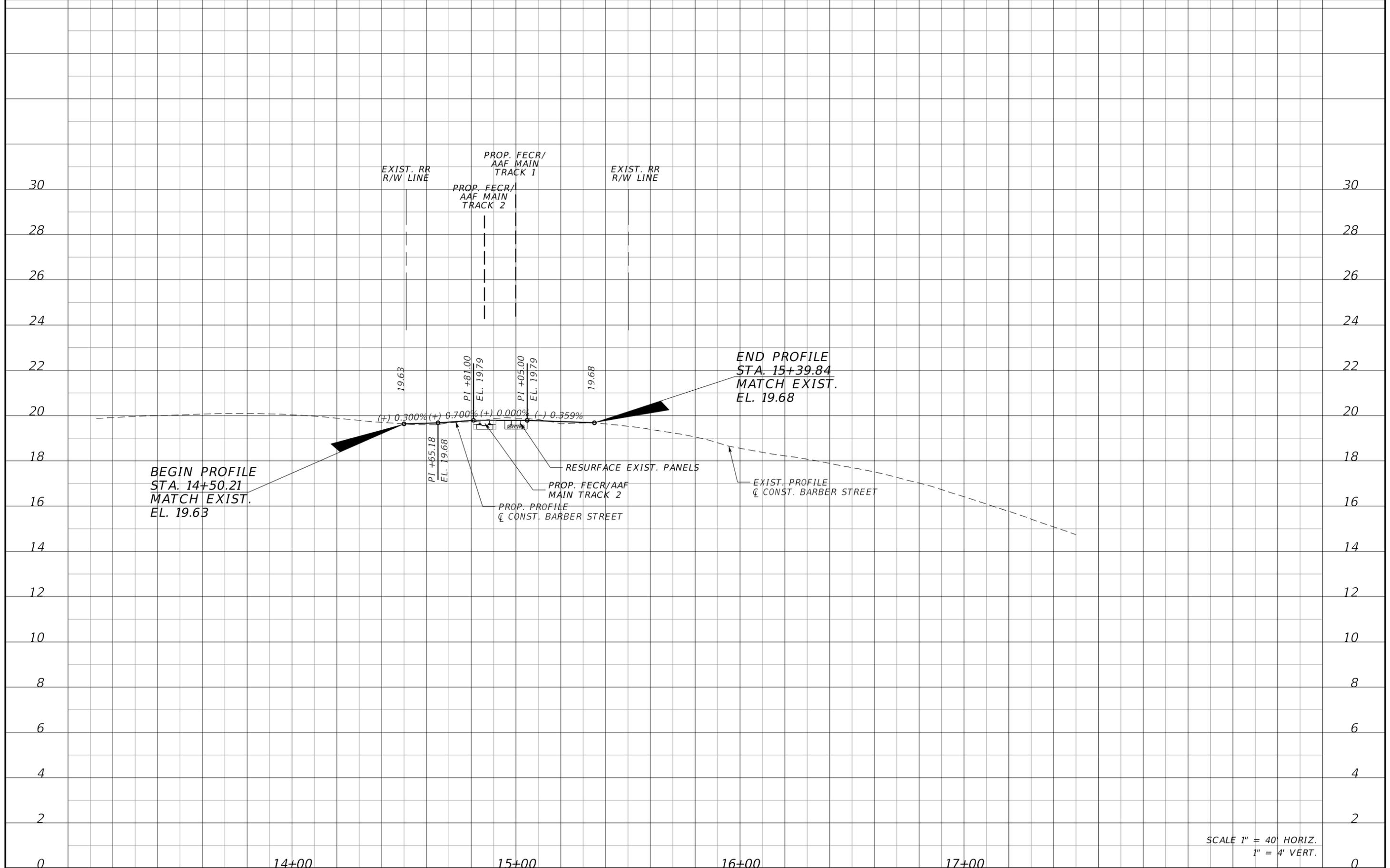
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

**BARBER STREET
 MP 218.05
 ROADWAY PLAN**

SHEET NO.
 185

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

POSTED SPEED LIMIT IS 30 MPH



SCALE 1" = 40' HORIZ.
1" = 4' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL. 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

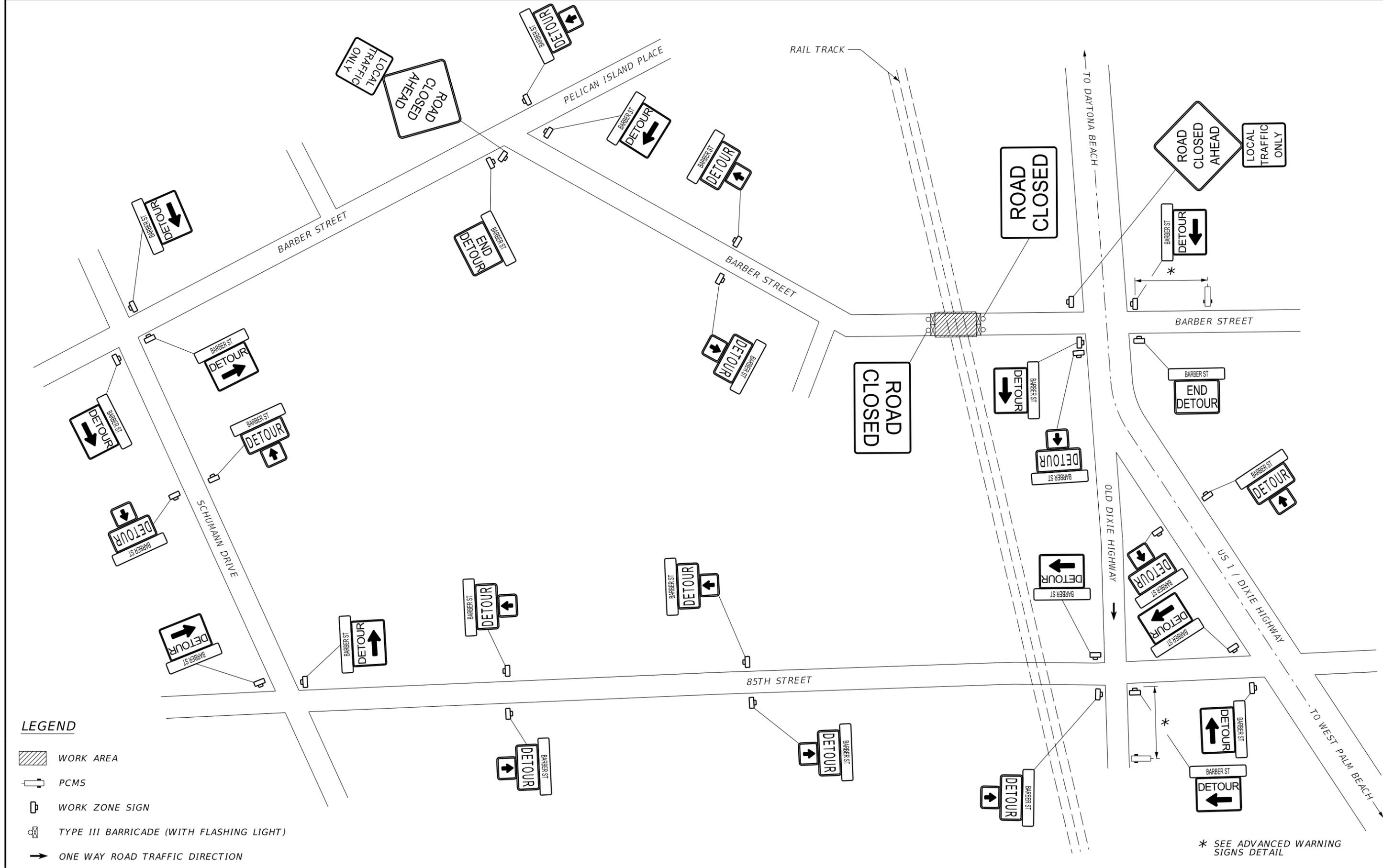
ENGINEER OF RECORD: JAN N. BIAVA
 PE: 50700

ALL ABOARD FLORIDA		
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

BARBER STREET
MP 218.05
ROADWAY PROFILE

SHEET NO.
186

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



- LEGEND**
- WORK AREA
 - PCMS
 - WORK ZONE SIGN
 - TYPE III BARRICADE (WITH FLASHING LIGHT)
 - ONE WAY ROAD TRAFFIC DIRECTION

* SEE ADVANCED WARNING SIGNS DETAIL

REVISIONS	
DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

ENGINEER OF RECORD: ERIC C. WOOLEY
 PE: 54879

AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

BARBER STREET
MP 218.05
ROAD CLOSURE DETOUR PLAN

SHEET NO.
 187

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



ALL ABOARD FLORIDA

CONTRACT D08 PLANS

COMPONENTS OF D08 PLAN SET

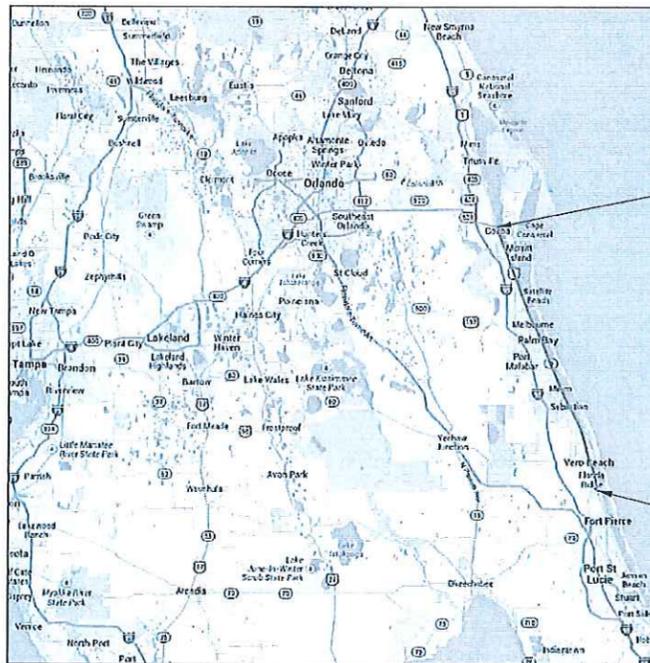
- VOLUME 1 TRACK CONSTRUCTION PLANS **NOT PROVIDED**
- VOLUME 2 TRACK GRADING CROSS SECTIONS
- VOLUME 3 ROADWAY DESIGN PLANS/TRAFFIC CONTROL THROUGH WORK ZONE
- VOLUME 4 SIGNING AND PAVEMENT MARKING PLANS
- VOLUME 5 ROADWAY SIGNALIZATION PLANS
- VOLUME 6 CROSSING LAYOUT PLANS
- VOLUME 7 UTILITY PLANS
- VOLUME 8 MISCELLANEOUS STRUCTURE PLANS
- VOLUME 9 PRELIMINARY CROSSING PLANS **NOT PROVIDED**
- VOLUME 10 PRELIMINARY WAYSIDE SIGNAL PLANS

REVISIONS:

REVISION NO. SHEETS EDITED

This PDF file includes construction plans for grade crossings within the limits of Sebastian

SIGNING AND PAVEMENT MARKING PLANS FOR D08 FECR MP 169.76 TO 233.4



BEGIN PROJECT
MP 169.76
STA. 8960+97.41
CONSTRUCTION BASELINE=
STA. 205+72.09
PROP. FECR/AAF MAIN TRACK 1

END PROJECT
MP 233.4
STA. 12324+75.81
CONSTRUCTION BASELINE=
STA. 3555+42.91
PROP. FECR/AAF MAIN TRACK 1=
STA. 3515+42.50
PROP. FECR/AAF MAIN TRACK 2



PLANS PREPARED BY:



4500 SALISBURY ROAD, SUITE 440
JACKSONVILLE, FL. 32216
CA# 7503
PHONE: (904) 245-6500
FAX: (904) 245-6510

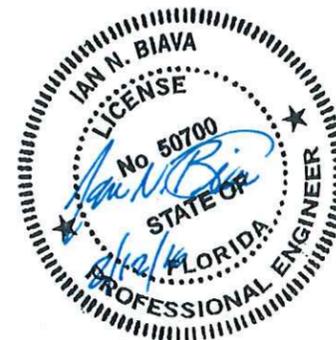
NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

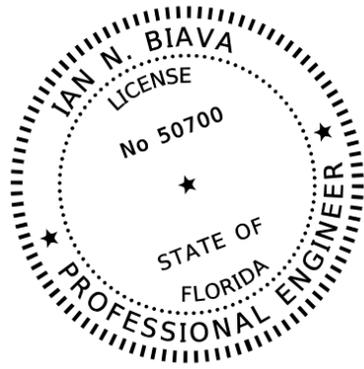
VOLUME 4

SIGNING AND PAVEMENT MARKING PLANS
ENGINEER OF RECORD:

IAN N. BIAVA
P.E. NO.: 50700

ERIC C. WOOLEY
P.E. NO.: 54879





THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

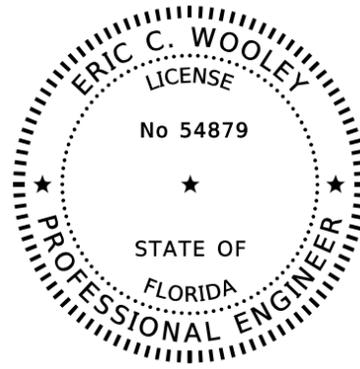
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TRANSYSTEMS CORPORATION CONSULTANTS
2400 EAST COMMERCIAL BLVD., SUITE 1000
FORT LAUDERDALE, FLORIDA 33308
CERTIFICATE OF AUTHORIZATION NO. 7503
MICHAEL G. BELL, PE NO. 43217

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

INDEX OF SIGNING & PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNING & PAVT MARKING INDEX SHEET
3	SIGNING & PAVT MARKING GENERAL NOTES
4	SIGNING & PAVT MARKING PLAN
7 - 11	SIGNING & PAVT MARKING PLAN
13 - 14	SIGNING & PAVT MARKING PLAN
17 - 19	SIGNING & PAVT MARKING PLAN
21	SIGNING & PAVT MARKING PLAN
22	SIGNING & PAVT MARKING PLAN
24 - 37	SIGNING & PAVT MARKING PLAN
39 - 54	SIGNING & PAVT MARKING PLAN
56 - 72	SIGNING & PAVT MARKING PLAN
75 - 81	SIGNING & PAVT MARKING PLAN
84	SIGNING & PAVT MARKING PLAN



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TRANSYSTEMS CORPORATION CONSULTANTS
2400 EAST COMMERCIAL BLVD., SUITE 1000
FORT LAUDERDALE, FLORIDA 33308
CERTIFICATE OF AUTHORIZATION NO. 7503
IAN N. BIAVA, PE NO. 50700

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

INDEX OF SIGNING & PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
5 - 6	SIGNING & PAVT MARKING PLAN
12	SIGNING & PAVT MARKING PLAN
15 - 16	SIGNING & PAVT MARKING PLAN
20	SIGNING & PAVT MARKING PLAN
23	SIGNING & PAVT MARKING PLAN
38	SIGNING & PAVT MARKING PLAN
55	SIGNING & PAVT MARKING PLAN
73 - 74	SIGNING & PAVT MARKING PLAN
81 - 82	SIGNING & PAVT MARKING PLAN
84	SIGNING & PAVT MARKING PLAN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

4500 SALISBURY ROAD, SUITE 440
JACKSONVILLE, FL 32216
CA# 7503
PHONE: (904) 245-6500
FAX: (904) 245-6510

AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

**SIGNING & PAVEMENT MARKING
SIGNATURE SHEET**

SHEET NO.
1A

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INDEX OF SIGNING & PAVT MARKING PLANS

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>	<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>	<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
1	COVER SHEET	40	JEMIGAN AVE	80	12TH STREET
1A	SIGNATURE SHEET	41	UNIVERISTY BLVD	81	GLENDALE ROAD
2	SIGNING & PAVT MARKING INDEX SHEET	42	HESSEY AVE	82	4TH STREET
3	SIGNING & PAVT MARKING GENERAL NOTES	43	PALM BAY ROAD	83	1ST STREET
4	MICHIGAN AVE	44	PORT MALABAR BLVD NE	84	OLSO ROAD
5	DIXON BLVD	45	MALABAR ROAD	85	HIGHLAND DR
6	HIGHLAND DR	46	JORDAN BLVD		
7	PEACHTREE ST	47	VALKARIA ROAD		
8	W. KING ST	48	1ST STREET		
9	ROSA L. JONES BLVD	49	SHELL PIT ROAD		
10	BARTON AVE	50	SENNE ROAD		
11	EYSTER BLVD	51	BAREFOOT BLVD		
12	RINKER WAY	52	MICCO ROAD		
13	GUS HIPP BLVD	53	HOLLY STREET		
14	BARNES BLVD	54	ROSELAND ROAD		
15	CARVER ROAD	55	MAIN STREET		
16	ANSIN ROAD	56	CR 512 WEST		
17	VIERA BLVD	57	CR 512 EAST		
18	SUNTREE BLVD	58	OLD DIXIE HIGHWAY		
19	PINEDA CAUSEWAY	59	SCHUMANN ROAD		
20	POST ROAD	60	99TH STREET (VICKERS RD)		
21	PARKWAY DRIVE	61	BARBER STREET		
22	LAKE WASHINGTON ROAD	62	85TH STREET		
23	MASTERSON STREET	63	HOBART RD.		
24	AURORA ROAD	64	69TH ST N WINTER BEACH RD		
25	CREEL ST	65	69TH ST S WINTER BEACH RD		
26	EAU GALLIE BLVD	66	HAWKS NEST STREET		
27	SARNO RD	67	53RD STREET		
28	SOUTH BABCOCK STREET	68	49TH STREET		
29	E. NASA BLVD	69	45TH STREET		
30	E. HIBISCUS BLVD	70	43RD STREET		
31	SILVER PALM AVE	71	41ST STREET		
32	SEMINOLE AVE	72	AVIATION BLVD		
33	FEE AVE	73	26TH STREET		
34	LINCOLN AVE	74	14TH AVE		
35	PALMETTO AVE	75	23RD STREET		
36	STRAWBRIDGE AVE	76	21ST STREET		
37	NEW HAVEN AVE	77	20TH STREET EAST		
38	PROSPECT AVE	78	19TH STREET		
39	LINE STREET	79	17TH STREET		

REVISIONS				 <small>4500 SALISBURY ROAD, SUITE 440 JACKSONVILLE, FL 32216 CA# 7503 PHONE: (904) 245-6500 FAX: (904) 245-6510</small>		SIGNING & PAVT MARKING INDEX SHEET	SHEET NO. 2
DATE	DESCRIPTION	DATE	DESCRIPTION				
				ENGINEER OF RECORD: JAN N. BIAVA PE: 50700	AAF CONTRACT: FECR SECTION: D08 COUNTY: BREVARD INDIAN RIVER		

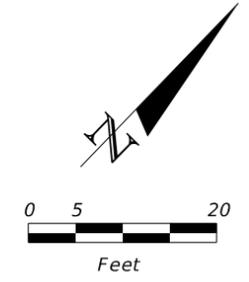
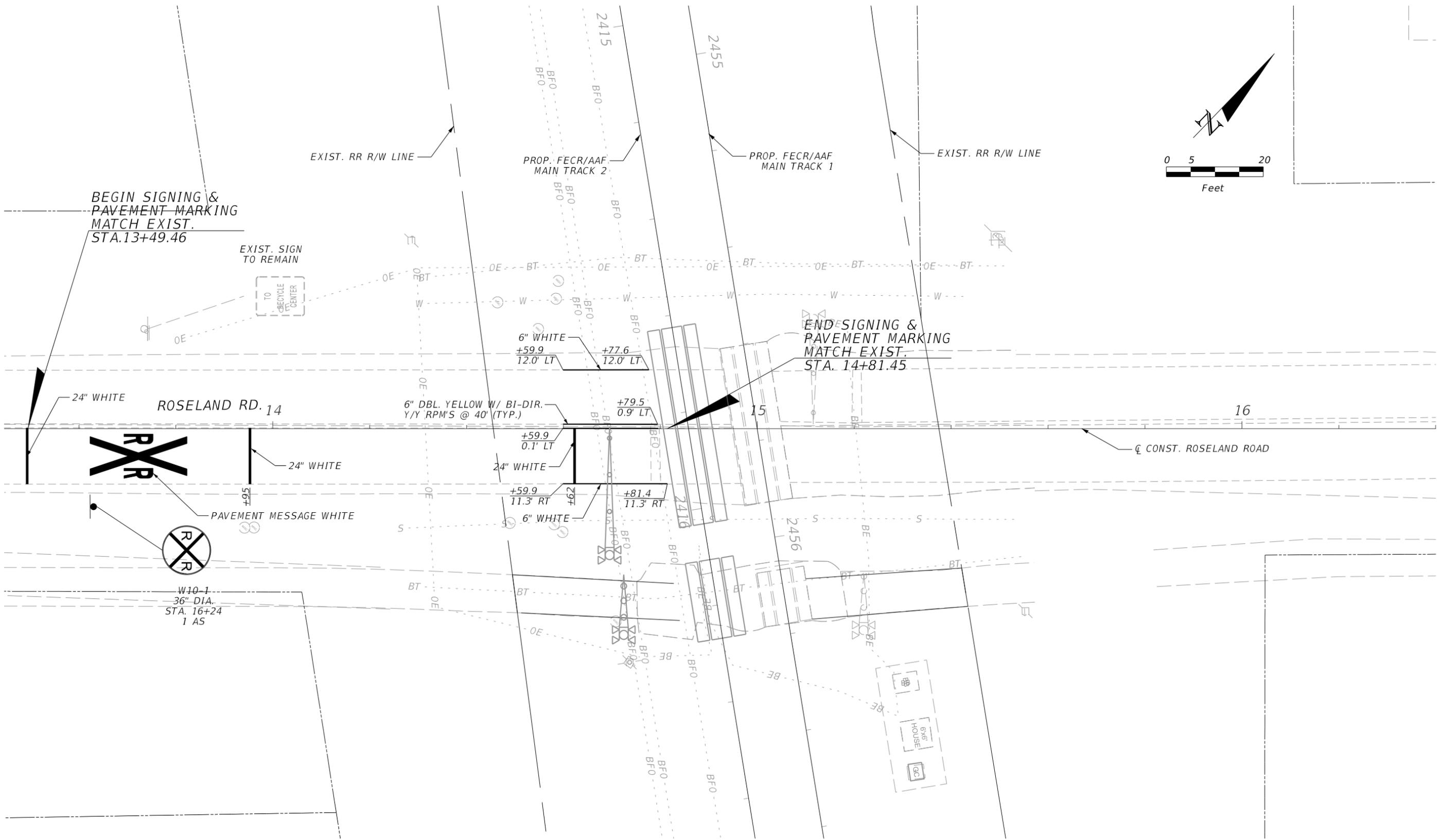
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SIGNING AND PAVEMENT MARKING NOTES:

1. SIGNING AND PAVEMENT MARKINGS TO BE DONE IN ACCORDANCE WITH THE MUTCD 2009 EDITION AND THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DESIGN STANDARDS.
2. RAILROAD GRADE CROSSING PAVEMENT MARKINGS SHALL BE AS INDICATED IN INDEX 17882 OF THE 2015 DESIGN STANDARDS. 35 MPH SHALL BE THE MINIMUM DESIGN SPEED UPON WHICH RAILROAD GRADE CROSSING PAVEMENT MARKINGS SHALL BE BASED.
3. SIGN ASSEMBLIES SHOWN ON THE PLANS WHICH ARE IN CONFLICT WITH LIGHTING, UTILITIES, LANDSCAPING, ETC. MAY BE ADJUSTED BY THE PROJECT MANAGER/CONSTRUCTION MANAGER (PMCM) IN ACCORDANCE WITH FDOT STANDARD INDEX NO. 17302. WARNING SIGN LOCATION CHANGES MUST BE APPROVED BY THE PMCM. CONTRACTOR SHALL COORDINATE SIGN PLACEMENT WHEN ADJACENT TO RAILROAD WARNING STRUCTURES AS TO NOT OBSTRUCT ANY WARNING LIGHTS.
4. CAUTION SHOULD BE EXERCISED WHILE RELOCATING EXISTING SIGNS TO PREVENT UNNECESSARY DAMAGE TO SIGNS. IF THE SIGNS ARE DAMAGED BEYOND USE, AS DETERMINED BY THE PMCM, SIGNS SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
5. ALL SIGNS, SIGN SUPPORTS, DELINEATORS AND CHEVRON SIGNS, SHOWN ON PLAN SHEETS FOR REMOVAL SHALL BE REMOVED COMPLETELY AND DISPOSED OF BY CONTRACTOR.
6. MATCH EXISTING PAVEMENT MARKINGS AT BEGINNING AND AT THE END, AS INDICATED ON THE PLANS, INCLUDING ALL PUBLIC SIDE STREETS. PAVEMENT MARKING QUANTITIES TO EXTEND AND REFURBISH EXISTING STRIPING DAMAGED DURING CONSTRUCTION SHALL BE INCIDENTAL TO THE PROPOSED ITEMS. REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED BY A COMBINATION OF SAND AND WATER BLASTING, OR ANY METHOD THAT WILL NOT MATERIALLY DAMAGE THE SURFACE TEXTURE OF THE PAVEMENT, AND WHICH WILL ELIMINATE THE PREVIOUS MARKING PATTERN REGARDLESS OF WEATHER AND LIGHT CONDITIONS.
7. ALL PAVEMENT MARKINGS SHALL TERMINATE 1' AWAY FROM THE EDGE OF THE CONCRETE GRADE CROSS SURFACE PANELS UNLESS OTHERWISE SHOWN IN PLANS. UNDER NO CIRCUMSTANCES SHALL PAINT, THERMOPLASTIC PAINT, REFLECTIVE PAVEMENT MARKERS, OR DELINEATORS OF ANY KIND BE AFIXED TO THE TOP OF RAIL. THE PLACEMENT OF ANY SIGN POST SHALL BE A MINIMUM OF 12' FROM THE CENTERLINE OF TRACK.
8. CONTRACTOR SHALL ITEMIZE AND DOCUMENT ALL EXISTING SIGNS PRIOR TO BEGINNING WORK AND FURNISH A COPY OF THIS INFORMATION TO THE PMCM.
9. ON CONCRETE PAVEMENT ALL PAVEMENT MARKINGS INCLUDING PAVEMENT MESSAGES AND DIRECTIONAL ARROW SHALL BE PREFORMED REFLECTORIZED PLASTIC PAVEMENT MARKINGS. THE PREFORMED MATERIALS AND INSTALLATION PROCEDURES SHALL CONFORM TO THE REQUIREMENTS OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
10. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE STATE ONE CALL OF FLORIDA (811) TWO BUSINESS DAYS IN ADVANCE OF BEGINNING CONSTRUCTION ON THE JOB SITE.
11. TWO FULL BUSINESS DAYS PRIOR TO DIGGING, NOTIFY THE OWNER'S REPRESENTATIVE AND CALL FDOT MAINTENANCE DEPARTMENT TO REQUEST LIGHTING CONDUIT LOCATIONS.
12. THE LOCATION OF THOSE BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE, AND ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER'S REPRESENTATIVE, CONTRACTOR OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVE GROUND UTILITIES, REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
13. FECR NO TRESPASSING SIGNS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND REPLACE AS SPECIFIED BY FLORIDA EAST COAST RAILROAD ENGINEERING STANDARDS REFERENCE MANUAL SECTION 1010.0 OR OWNER'S REPRESENTATIVE.
14. RELOCATED SIGN PANELS SHALL BE PLACED ON A NEW STRUCTURE MEETING THE REQUIREMENTS OF THE FDOT SPECIFICATIONS .
15. SIGN ASSEMBLY OF R15-2P AND R15-1 REFER TO SIGNALIZATION PLAN.

REVISIONS				 2400 E COMMERCIAL BLVD., SUITE 1000 FORT LAUDERDALE, FL 33308 PHONE: (954) 653-4700 FAX: (954) 337-3283				SIGNING & PAVT MARKING GENERAL NOTES	SHEET NO. 3
DATE	DESCRIPTION	DATE	DESCRIPTION		AAF CONTRACT	SECTION	COUNTY		
				ENGINEER OF RECORD: JAN N. BIAVA PE: 50700	FECR	D08	BREVARD INDIAN RIVER		

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

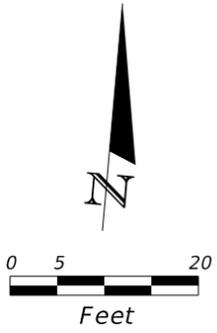
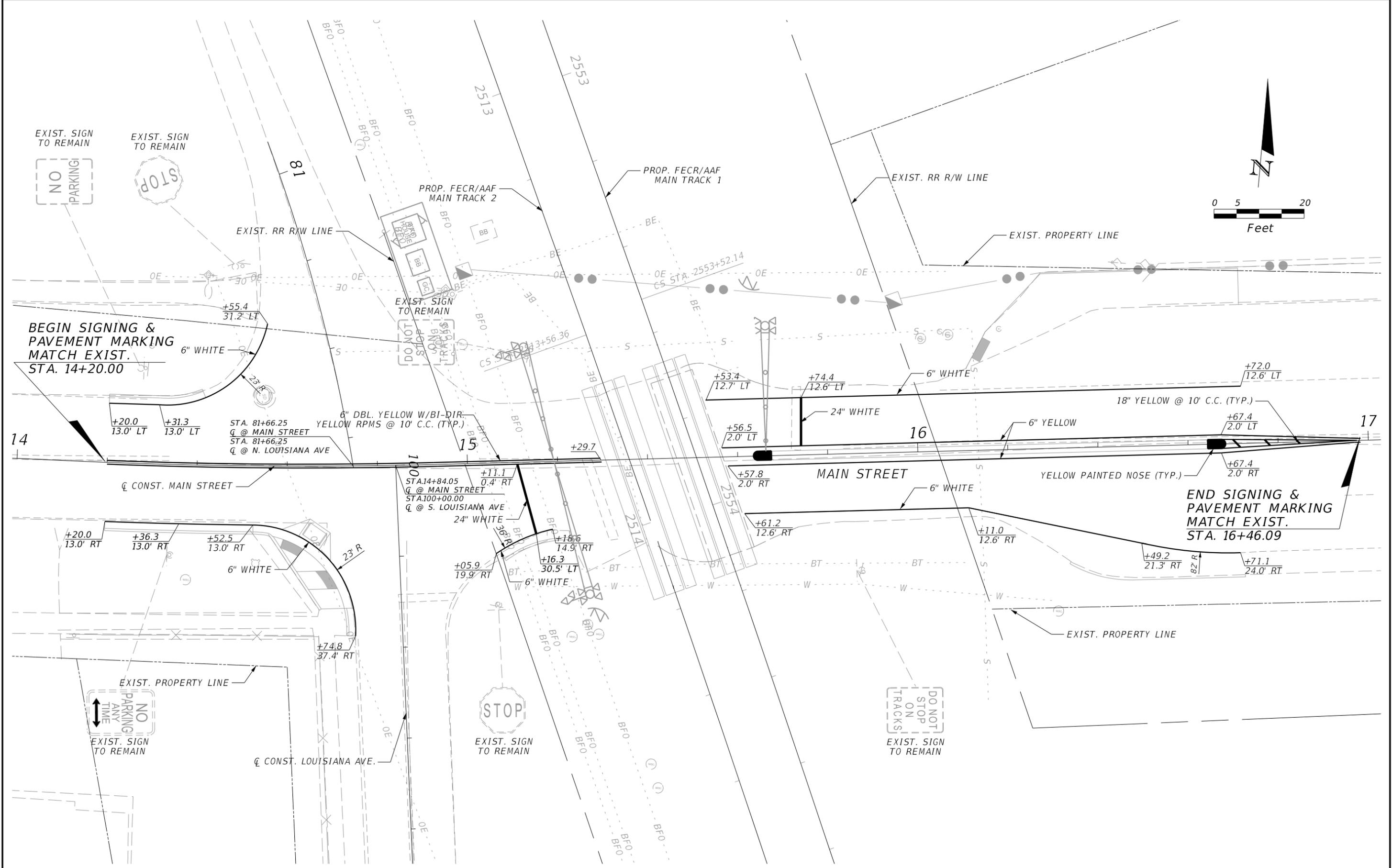
TranSystems
 2400 E COMMERCIAL BLVD.,
 SUITE 1000
 FORT LAUDERDALE, FL 33308
 PHONE: (954) 653-4700
 FAX: (954) 337-3283

ENGINEER OF RECORD: JAN N. BIAVA
 PE: 50700

ALL ABOARD FLORIDA		
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

ROSELAND ROAD
 M.P. 212.57
SIGNING & PAVT. MARKING

SHEET NO.
54



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL. 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

ENGINEER OF RECORD: ERIC C. WOOLEY
 PE: 54879

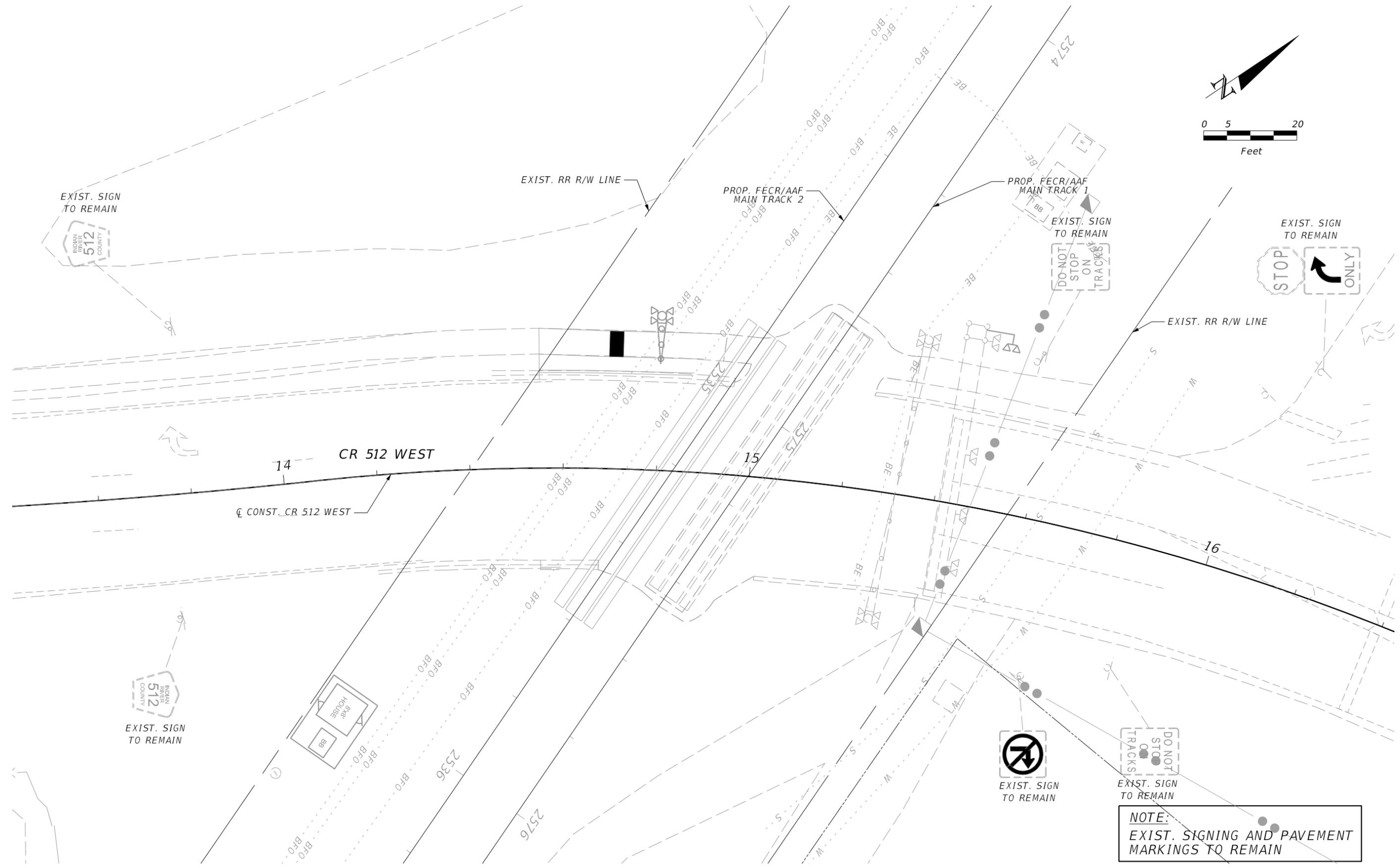
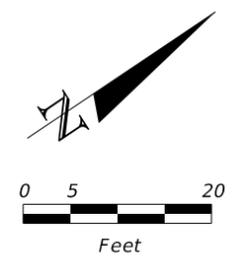
ALL ABOARD FLORIDA

AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

MAIN STREET
MP 214.42
SIGNING & PAVT. MARKING

SHEET NO.
55

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EXIST. SIGN TO REMAIN

EXIST. RR R/W LINE

PROP. FE/CR/AAF MAIN TRACK 2

PROP. FE/CR/AAF MAIN TRACK 1

EXIST. SIGN TO REMAIN

EXIST. SIGN TO REMAIN

EXIST. RR R/W LINE

CR 512 WEST

CONST. CR 512 WEST

EXIST. SIGN TO REMAIN

EXIST. SIGN TO REMAIN

EXIST. SIGN TO REMAIN

NOTE:
EXIST. SIGNING AND PAVEMENT MARKINGS TO REMAIN

REVISIONS	
DATE	DESCRIPTION

TranSystems
 2400 E COMMERCIAL BLVD.,
 SUITE 1000
 FORT LAUDERDALE, FL 33308
 PHONE: (954) 653-4700
 FAX: (954) 337-3283

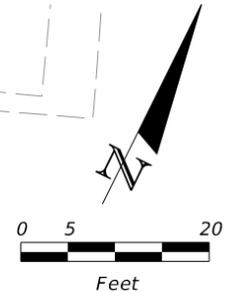
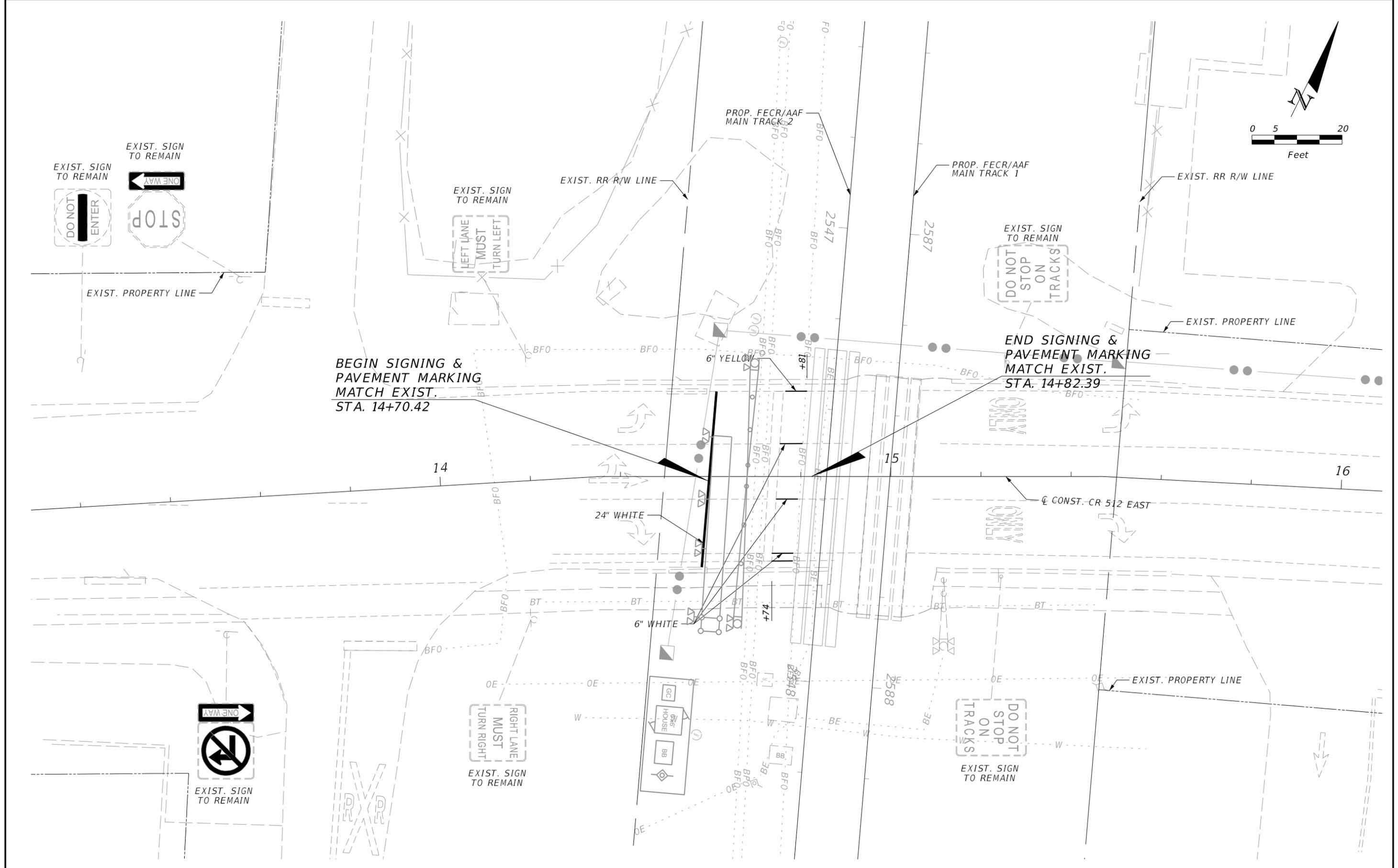
ENGINEER OF RECORD: JAN N. BIAVA
 PE: 50700

ALL ABOARD FLORIDA		
AAF CONTRACT	SECTION	COUNTY
FE/CR	D08	BREVARD INDIAN RIVER

CR 512 WEST
MP 214.70
SIGNING & PAVT MARKING

SHEET NO.
56

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
 2400 E COMMERCIAL BLVD.,
 SUITE 1000
 FORT LAUDERDALE, FL 33308
 PHONE: (954) 653-4700
 FAX: (954) 337-3283

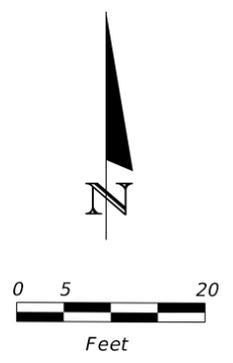
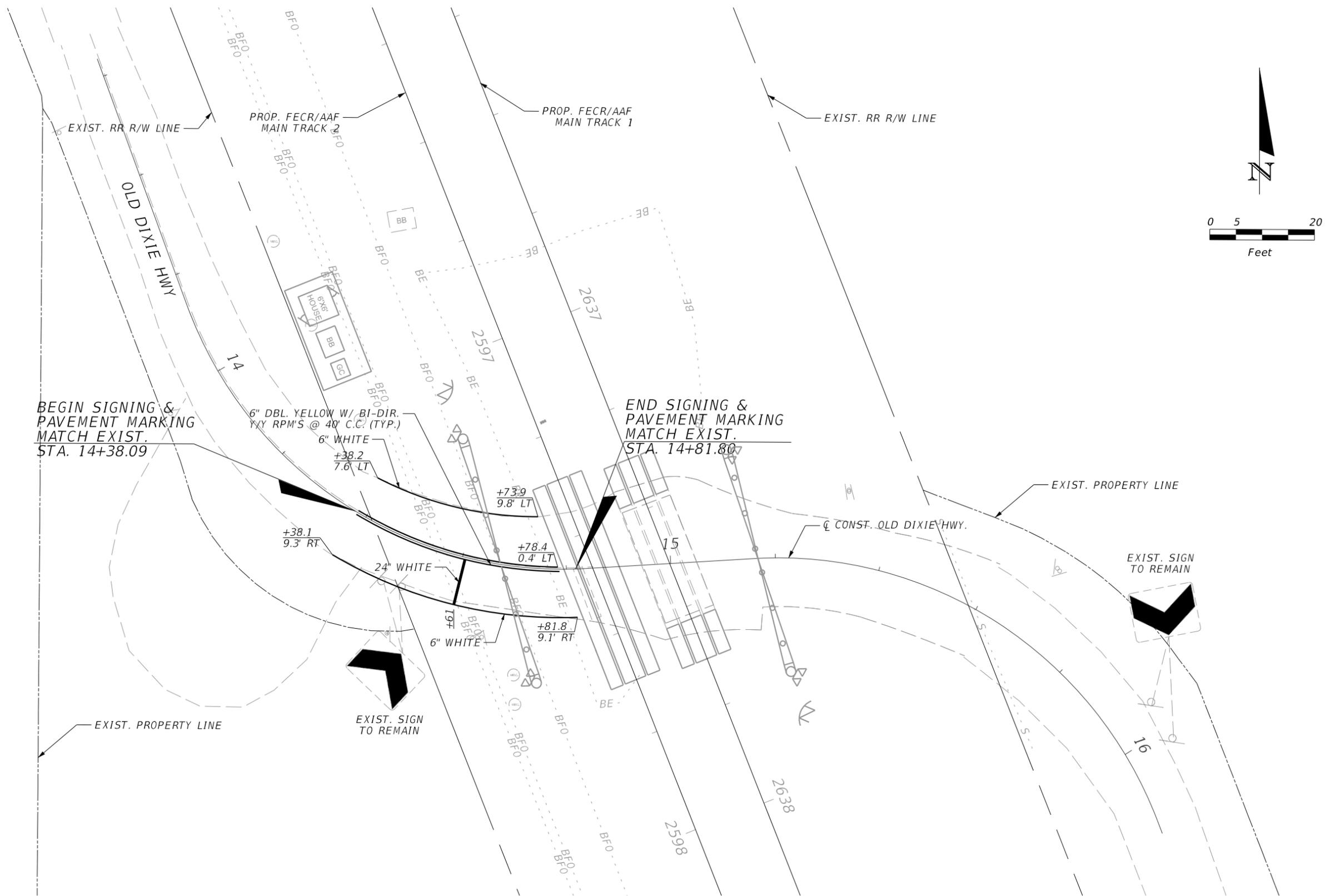
ENGINEER OF RECORD: JAN N. BIAVA
 PE: 50700

ALL ABOARD FLORIDA		
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

CR 512 EASTBOUND
MP 215.06
SIGNING & PAVT MARKING

SHEET NO.
 57

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BEGIN SIGNING &
PAVEMENT MARKING
MATCH EXIST.
STA. 14+38.09

END SIGNING &
PAVEMENT MARKING
MATCH EXIST.
STA. 14+81.80

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
 2400 E COMMERCIAL BLVD.,
 SUITE 1000
 FORT LAUDERDALE, FL 33308
 PHONE: (954) 653-4700
 FAX: (954) 337-3283

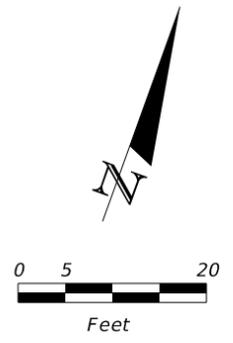
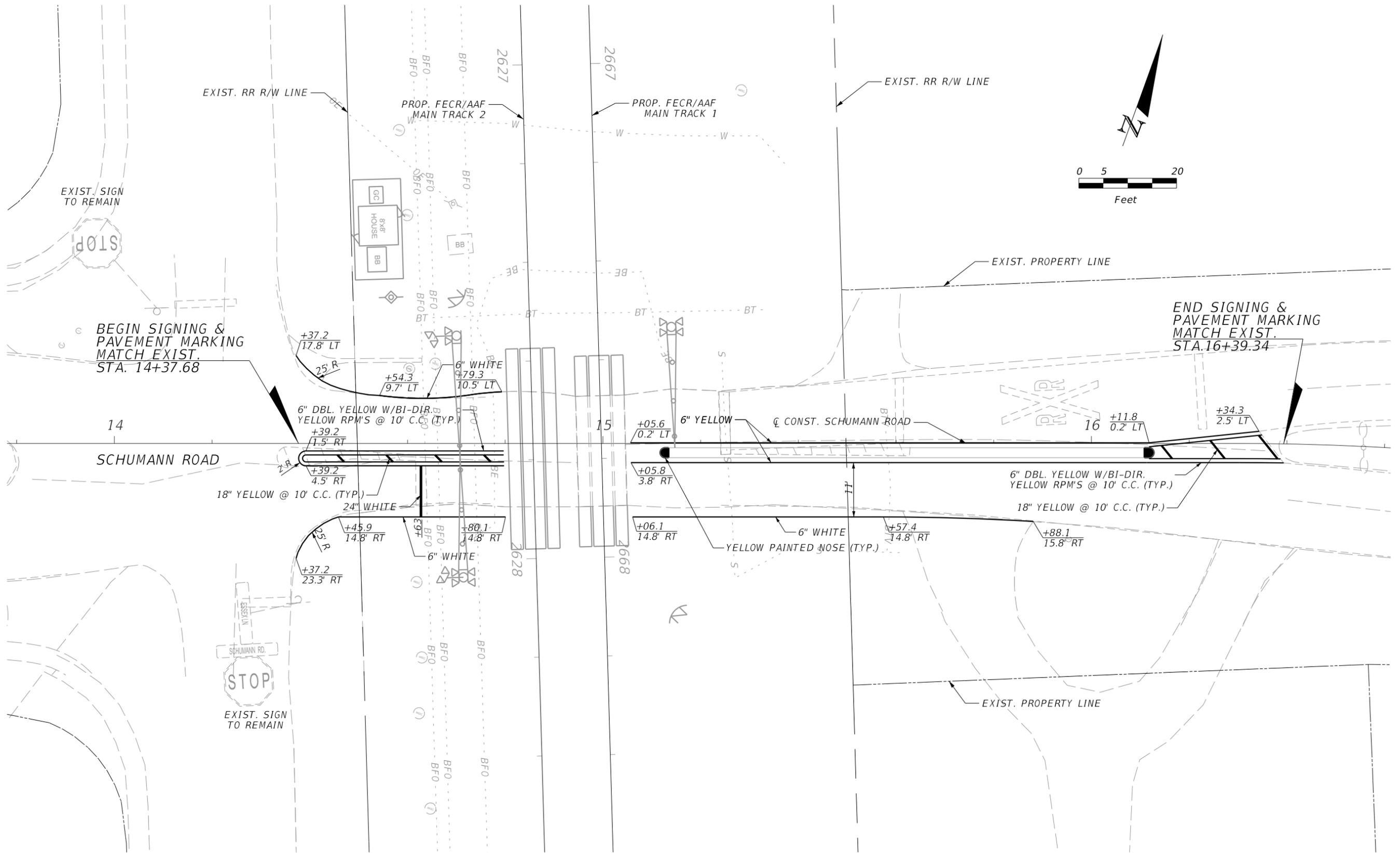
ENGINEER OF RECORD: JAN N. BIAVA
 PE: 50700

ALL ABOARD FLORIDA		
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

OLD DIXIE HIGHWAY
M.P. 216.00
SIGNING & PAVT. MARKING

SHEET
NO.
58

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
 2400 E COMMERCIAL BLVD.,
 SUITE 1000
 FORT LAUDERDALE, FL 33308
 PHONE: (954) 653-4700
 FAX: (954) 337-3283

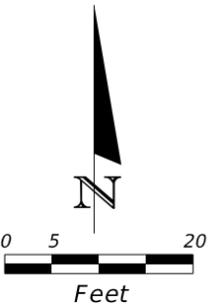
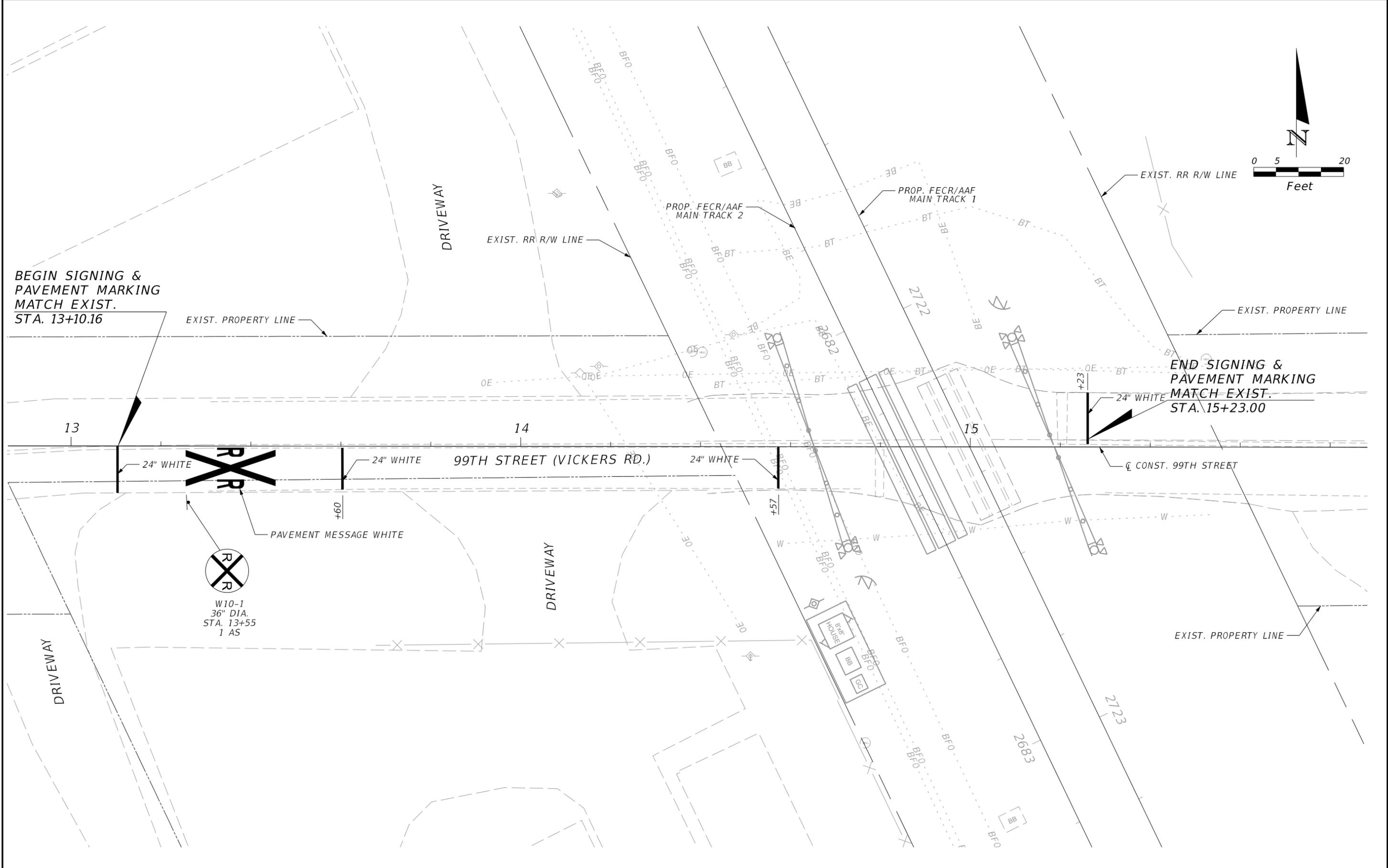
ENGINEER OF RECORD: JAN N. BIAVA
 PE: 50700

ALL ABOARD FLORIDA		
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

SCHUMANN ROAD
 M.P. 216.59
SIGNING & PAVT. MARKING

SHEET NO.
 59

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BEGIN SIGNING &
PAVEMENT MARKING
MATCH EXIST.
STA. 13+10.16

END SIGNING &
PAVEMENT MARKING
MATCH EXIST.
STA. 15+23.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
2400 E COMMERCIAL BLVD.,
SUITE 1000
FORT LAUDERDALE, FL 33308
PHONE: (954) 653-4700
FAX: (954) 337-3283

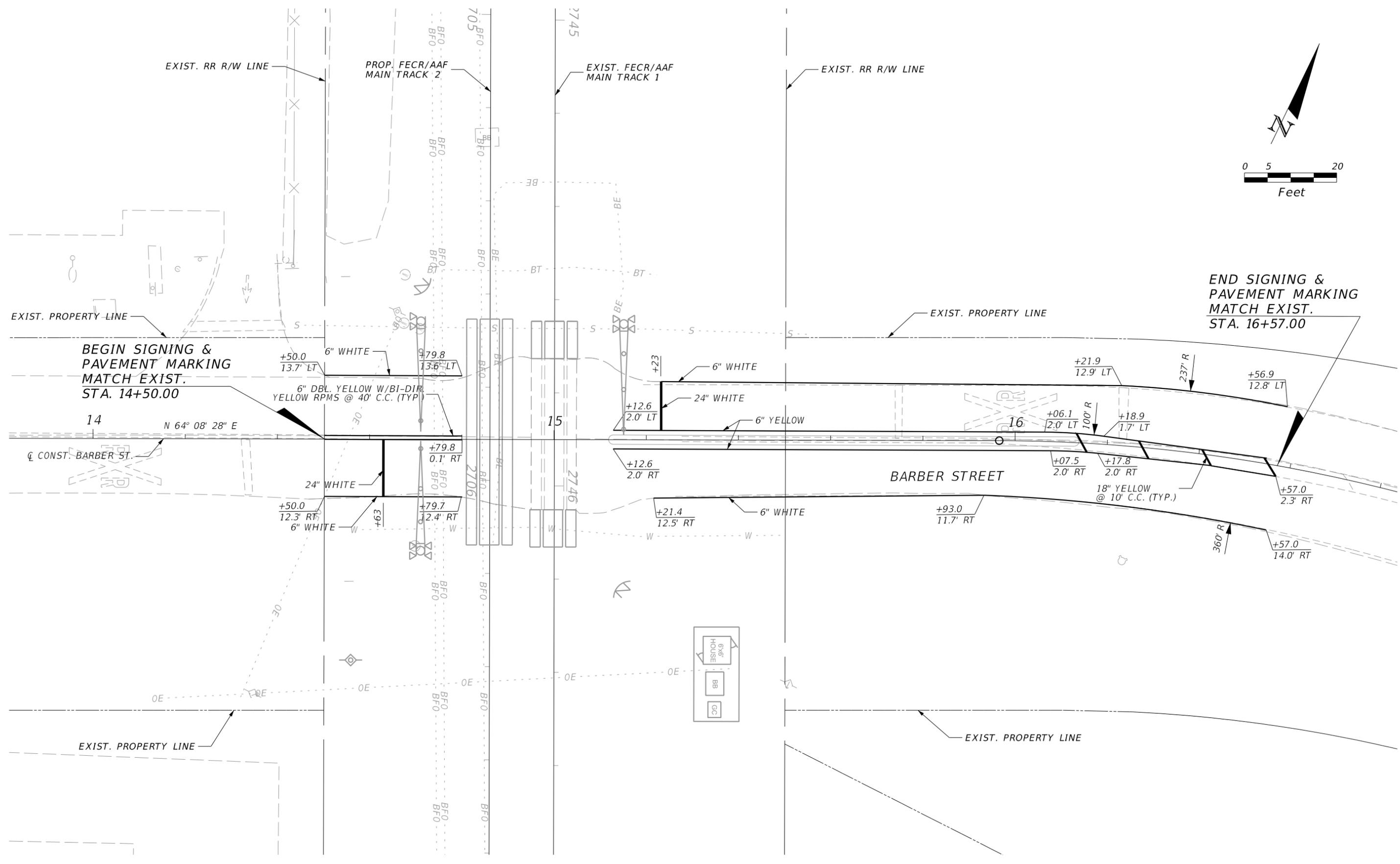
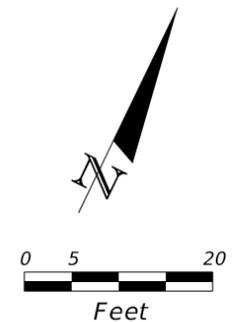
ENGINEER OF RECORD: IAN N. BIAVA
PE: 50700

ALL ABOARD FLORIDA		
AAF CONTRACT	SECTION	COUNTY
FEGR	D08	BREVARD INDIAN RIVER

**99TH ST. (VICKERS ROAD)
MP 217.61
SIGNING & PVMT. MARKING**

SHEET NO.
60

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END SIGNING &
PAVEMENT MARKING
MATCH EXIST.
STA. 16+57.00

BEGIN SIGNING &
PAVEMENT MARKING
MATCH EXIST.
STA. 14+50.00

REVISIONS	
DATE	DESCRIPTION

TranSystems
 2400 E COMMERCIAL BLVD.,
 SUITE 1000
 FORT LAUDERDALE, FL 33308
 PHONE: (954) 653-4700
 FAX: (954) 337-3283

ENGINEER OF RECORD: JAN N. BIAVA
 PE: 50700

ALL ABOARD FLORIDA		
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

BARBER STREET
MP 218.05
SIGNING AND PAVT MARKING

SHEET NO.
61

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ALL ABOARD FLORIDA

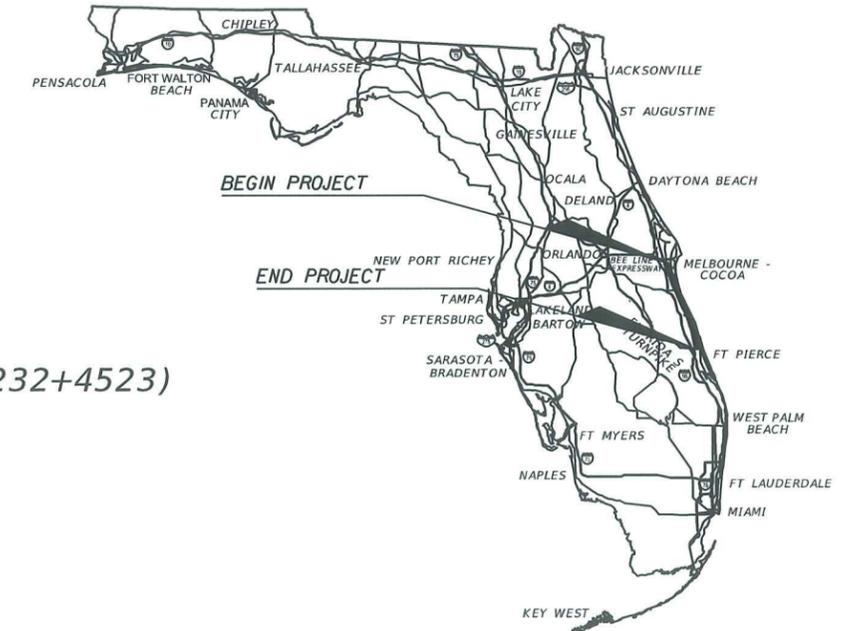
CONTRACT D08 PLANS

ROADWAY SIGNALIZATION PLANS

FULL DESIGN OF RR SIGNAL PRE-EMPTION CONDUIT

FROM MICHIGAN AVE (MP 170+2981) TO HIGHLANDS DRIVE SE (MP 232+4523)

**This PDF file includes
construction plans for grade
crossings within the limits of
Sebastian**

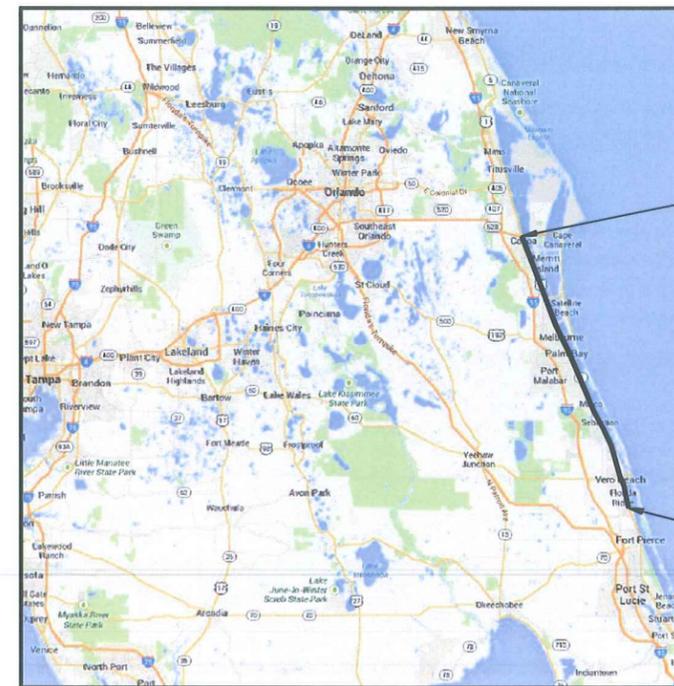


COMPONENTS OF D08 PLAN SET

- VOLUME 1 TRACK CONSTRUCTION PLANS
- VOLUME 2 **NOT PROVIDED** TRACK GRADING CROSS SECTIONS
- VOLUME 3 ROADWAY DESIGN PLANS/TRAFFIC CONTROL THROUGH WORK ZONE
- VOLUME 4 SIGNING AND PAVEMENT MARKING PLANS
- VOLUME 5 ROADWAY SIGNALIZATION PLANS
- VOLUME 6 CROSSING LAYOUT PLANS
- VOLUME 7 UTILITY PLANS
- VOLUME 8 MISCELLANEOUS STRUCTURE PLANS
- VOLUME 9 **NOT PROVIDED** PRELIMINARY FIBER OPTIC PLANS
- VOLUME 10 PRELIMINARY WAYSIDE SIGNAL PLANS

INDEX OF SIGNALIZATION PLANS GRADE CROSSING IMPROVEMENTS

SHEET NO.	SHEET DESCRIPTION	CITY	MAINTENANCE AGENCY
T-01	KEY SHEET		
T-01A	SIGNATURE SHEET		
T-02	SIGNALIZATION NOTES		
T-03 - T-06	TABULATION OF QUANTITIES		
CL-08-05	MICHIGAN AVENUE MP 170+2981	COCOA	BREVARD COUNTY
CL-08-06	DIXON BOULEVARD MP 171+2728	COCOA	BREVARD COUNTY
CL-08-09	KING STREET MP 173+6240	COCOA	BREVARD COUNTY
CL-08-10	ROSA L JONES BLVD MP 173+2711	COCOA	BREVARD COUNTY
CL-08-11	BARTON BOULEVARD MP 175+1100	ROCKLEDGE	BREVARD COUNTY
CL-08-12	EYSTER BOULEVARD MP 175+3009	ROCKLEDGE	BREVARD COUNTY
CL-08-15	BARNES BOULEVARD MP 177+4924	ROCKLEDGE	BREVARD COUNTY
CL-08-18	VIERA BOULEVARD MP 180+1465	ROCKLEDGE	BREVARD COUNTY
CL-08-23	LAKE WASHINGTON RD MP 188+3671	ROCKLEDGE	CITY OF MELBOURNE
CL-08-24	MASTERSON STREET MP 189+1696	ROCKLEDGE	CITY OF MELBOURNE
CL-08-25	AURORA ROAD MP 189+3584	ROCKLEDGE	CITY OF MELBOURNE
CL-08-30	E. NASA BOULEVARD MP 193+440	ROCKLEDGE	CITY OF MELBOURNE
CL-08-37	STRAWBRIDGE AVENUE MP 194+989	ROCKLEDGE	CITY OF MELBOURNE
CL-08-38	NEW HAVEN AVENUE MP 194+1420	MELBOURNE	CITY OF MELBOURNE
CL-08-39	PROSPECT AVENUE MP 194+2735	MELBOURNE	CITY OF MELBOURNE
CL-08-40	LINE STREET MP 194+4054	MELBOURNE	CITY OF MELBOURNE
CL-08-42	UNIVERSITY BLVD MP 195+1772	MELBOURNE	CITY OF MELBOURNE
CL-08-56	MAIN STREET MP 214+2238	SEBASTIAN	INDIAN RIVER COUNTY
CL-08-57	CR 512 WEST MP 214+4375	SEBASTIAN	INDIAN RIVER COUNTY
CL-08-58	CR 512 EAST MP 215+315	SEBASTIAN	INDIAN RIVER COUNTY
CL-08-68	53RD STREET MP 223+4730	VERO BEACH	INDIAN RIVER COUNTY
CL-08-73	32ND STREET MP 226+3412	VERO BEACH	INDIAN RIVER COUNTY
CL-08-74	26TH STREET MP 227+301	VERO BEACH	INDIAN RIVER COUNTY
CL-08-76	23RD STREET MP 227+1623	VERO BEACH	INDIAN RIVER COUNTY
CL-08-78	20TH PLACE MP 227+2920	VERO BEACH	INDIAN RIVER COUNTY
CL-08-79	19TH STREET MP 227+3245	VERO BEACH	INDIAN RIVER COUNTY
CL-08-80	16TH STREET MP 228+118	VERO BEACH	INDIAN RIVER COUNTY
CL-08-82	GLENDALE ROAD MP 229+983	VERO BEACH	INDIAN RIVER COUNTY
CL-08-83	4TH STREET MP 229+3648	VERO BEACH	INDIAN RIVER COUNTY
CL-08-85	OSLO ROAD MP 231+1651	VERO BEACH	INDIAN RIVER COUNTY
CL-08-86	HIGHLANDS DRIVE SE MP 232+4523	VERO BEACH	INDIAN RIVER COUNTY
T-07	STANDARD MAST ARM TABULATION		
T-08	PEDESTAL TRAFFIC SIGNAL DETAIL		
T-09	CO-HABITATED CANTILEVER SIGNAL LAYOUT DETAIL		
T-10	GUIDE SIGN WORK SHEET		
T-11	STANDARD MAST ARM ASSEMBLIES DATA TABLE		
GT-1 - GT-5	REPORT OF CORE BORINGS		



BEGIN PROJECT
MP 169.76
STA. 8960+97.41
CONSTRUCTION BASELINE=
STA. 205+72.09
PROP. FECR/AAF MAIN TRACK 1

END PROJECT
MP 233.4
STA. 12324+75.81
CONSTRUCTION BASELINE=
STA. 3555+42.91
PROP. FECR/AAF MAIN TRACK 1=
STA. 3515+42.50
PROP. FECR/AAF MAIN TRACK 2

PLANS PREPARED BY:



10305 N.W. 41 Street
Suite 200
MIAMI, FL, 33178
CA# 4658
PHONE: (305) 591-8777

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

VOLUME 5

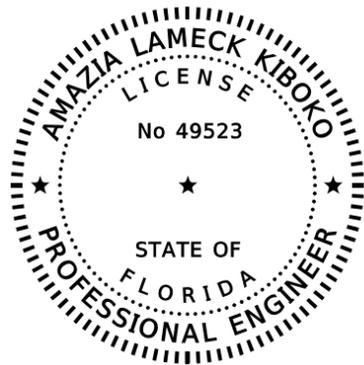
SIGNALIZATION PLANS
ENGINEER OF RECORD:
AMAZIA L. KIBOKO, P.E.

P.E. No.: 49523



SHEET NO.
T-01

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THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

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

F.R. ALEMAN & ASSOCIATES INC
10305 N.W. 41TH STREET SUITE 200
MIAMI FLORIDA 33178
CERTIFICATE OF AUTHORIZATION: 4658
AMAZIA LAMECK KIBOKO, P.E. NO. 49523

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

INDEX OF SIGNALIZATION PLANS

SHEET NO.	SHEET DESCRIPTION
T-01	KEY SHEET
T-01A	SIGNATURE SHEET
T-02	SIGNALIZATION NOTES
T-03 - T-06	TABULATION OF QUANTITIES
CL-08-05	MICHIGAN AVENUE MP 170+2981
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CL-08-15	BARNES BOULEVARD MP 177+4924
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CL-08-39	PROSPECT AVENUE MP 194+2735
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CL-08-42	UNIVERSITY BLVD MP 195+1772
CL-08-56	MAIN STREET MP 214+2238
CL-08-57	CR 512 WEST MP 214+4375
CL-08-58	CR 512 EAST MP 215+315
CL-08-68	53RD STREET MP 223+4730
CL-08-73	32ND STREET MP 226+3412
CL-08-74	26TH STREET MP 227+301
CL-08-76	23RD STREET MP 227+1623
CL-08-78	20TH PLACE MP 227+2920
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CL-08-80	16TH STREET MP 228+118
CL-08-82	GLENDALE ROAD MP 229+983
CL-08-83	4TH STREET MP 229+3648
CL-08-85	OSLO ROAD MP 231+1651
CL-08-86	HIGHLANDS DRIVE SE MP 232+4523
T-07	STANDARD MAST ARM TABULATION
T-08	PEDESTAL TRAFFIC SIGNAL DETAIL
T-09	CO-HABITATED CANTILEVER SIGNAL LAYOUT DETAIL
T-10	GUIDE SIGN WORK SHEET

REVISIONS				AMAZIA L. KIBOKO, PE P.E. NO.: 49523 F.R. ALEMAN & ASSOCIATES, INC. 10305 N.W. 41 STREET, SUITE 200 MIAMI FL 33178 CERTIFICATE OF AUTHORIZATION 4658				SIGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		AAF CONTRACT	SECTION	COUNTY		
						FECR	D08		BREVARD INDIAN RIVER

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

SIGNALIZATION NOTES

1. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE AGENCY RESPONSIBLE FOR MAINTENANCE OF THE SIGNALIZATION EQUIPMENT.

BREVARD COUNTY

- THE AGENCY RESPONSIBLE FOR MAINTENANCE OF THE TRAFFIC SIGNALS AND RELATED COMMUNICATIONS EQUIPMENT IS BREVARD COUNTY TRAFFIC OPERATIONS. THE CONTRACTOR SHALL NOTIFY CORRINA GUMM, P.E. AT LEAST 72 HOURS BEFORE BEGINNING TRAFFIC SIGNAL RELATED WORK AT (321) 633-2077 TO INFORM OF CONSTRUCTION OPERATIONS.
- THE CONTRACTOR SHALL VERIFY COLOR CODES FOR THE SIGNAL CABLE WITH BREVARD COUNTY TRAFFIC OPERATIONS BEFORE ORDERING.
- THE CONTRACTOR IS REQUIRED TO INSPECT THE INSTALLATION OF THE TRAFFIC SIGNALS IN ACCORDANCE WITH FDOT SPECIFICATION 105-8.10. THE CONTRACTOR SHALL COORDINATE THE FINAL ACCEPTANCE INSPECTION IN ACCORDANCE WITH FDOT SPECIFICATION 611-2.2 WITH THE ENGINEER AT LEAST TEN DAYS IN ADVANCE. BREVARD TRAFFIC OPERATIONS AND TRAFFIC SIGNAL QUALITY ASSURANCE MANAGER SHOULD ALSO BE CONTACTED TEN DAYS BEFORE THE INSPECTION IS TO BE PERFORMED SO THEY MAY BE PRESENT.
- THE MAINTENANCE OF THE SIGNALS SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR FROM THE TIME WORK BEGINS OR ANY GROUND IS BROKEN ON SITE UNTIL FINAL ACCEPTANCE.
- THE CONTRACTOR SHALL HAVE AN IMSA LEVEL II CERTIFIED SIGNAL TECHNICIAN ON CALL WITHIN A MAXIMUM OF TWO HOURS RESPONSE TIME.
- THE LOCAL PROJECT ADMINISTRATOR SHOULD BE INFORMED TWO BUSINESS DAYS BEFORE ANY DIRECTIONAL BORES.
- THE CONTRACTOR SHALL HAND DIG THE FIRST (4) FEET AT EACH POLE LOCATION AND (2) FEET AT EACH PEDESTAL LOCATION TO VERIFY NO UTILITIES CONFLICTS.
- EQUIPMENT SHALL MEET THESE FUNCTIONAL SPECIFICATIONS OR REQUIREMENTS:
 - ALL VEHICULAR SIGNAL HEADS SHALL BE BLACK ALL POLYCARBONATE.
 - ALL SIGNAL HEADS SHALL HAVE TUNNEL VISORS AND LED DISPLAYS.
 - TRAFFIC SIGNAL HEADS SHALL INCLUDE MINIMUM OF FIVE BOLTS CONNECTING THE BLACK POLYCARBONATE SIGNAL SECTIONS IN ADDITION TO THE TRI-STUD COUPLING. ADDITIONALLY, THE TOP SECTION SHALL INCLUDE A STAINLESS STEEL REINFORCEMENT PLATE TO STRENGTHEN THE TRI-STUD ATTACHMENT.
 - ILLUMINATED STREET NAME SIGNS - SHALL BE LED ILLUMINATED, WITH A SINGLE PHOTOCCELL PROVIDING NIGHT/DAY CONTROL FOR ALL SIGNS WITHIN INTERSECTIONS.
- IN MAST ARM INSTALLATIONS, A SEPARATE CABLE SHALL BE RUN FROM MAST ARM BASE TO EACH SIGNAL HEAD. ALL VEHICULAR SIGNAL HEADS SHALL BE PROVIDED WITH THREE SPARES WIRES.
- BASKET TYPE CABLE STRAIN RELIEF SHALL BE UTILIZED TO SUSPEND CABLES FROM THE J-HOOK OF MAST ARM ASSEMBLIES. A MINIMUM OF SIX (6) FEET OF SLACK IN SIGNAL CONDUCTOR CABLES SHALL BE PLACED WITHIN THE UPRIGHT BASE SUCH THAT THE TERMINAL BLOCK CAN BE REMOVED FROM THE UPRIGHT TO ALLOW FOR TROUBLE SHOOTING.
- CABINET WIRING SHALL BE NEATLY BUNDLED, SEPARATED, AND LABELED MAST ARM ASSEMBLIES SHALL BE UNPAINTED, GALVANIZED STEEL UNLESS DIRECTED DIFFERENTLY BY THE COUNTY PROJECT MANAGER.
- THE COUNTY SHALL HAVE FIRST RIGHT TO ANY EQUIPMENT DESIGNATED TO BE REMOVED FROM THE SITE. THE CONTRACTOR SHALL DELIVER ANY CLAIMED EQUIPMENT TO BREVARD COUNTY TRAFFIC OPERATIONS 580 MANOR DRIVE, MERRITT ISLAND, FLORIDA. ANY EQUIPMENT NOT CLAIMED BY BREVARD COUNTY SHALL BE DISPOSED OF PROPERLY BY THE CONTRACTOR, PER FDOT SPECIFICATIONS.

CITY OF MELBOURNE

- THE AGENCY RESPONSIBLE FOR MAINTENANCE OF THE TRAFFIC SIGNALS AND RELATED COMMUNICATIONS EQUIPMENT IS CITY OF MELBOURNE TRAFFIC ENGINEERING DIVISION (COMTED). PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR SHALL CONTACT SCOTT ARNOLD AT (321) 608-7360, TO INFORM THEM OF CONSTRUCTION OPERATIONS.
- THE CONTRACTOR SHALL VERIFY COLOR CODES FOR SIGNAL CABLE WITH CITY OF MELBOURNE TRAFFIC ENGINEERING DIVISION BEFORE ORDERING.
- PULL BOXES AND COVERS SHALL BE F.D.O.T. APPROVED, OF NON-METALLIC CONSTRUCTION WITH RECESSED COVER LOGO 'TRAFFIC SIGNALS' OR 'FIBER OPTIC' AS APPROPRIATE.
- THE CITY OF MELBOURNE IS STANDARDIZED ON TRAFFIC SIGNAL EQUIPMENT. THE CITY OF MELBOURNE ENGINEERING DEPARTMENT/TRAFFIC ENGINEERING AND OTHER CITY DEPARTMENTS, AS APPLICABLE, SHALL APPROVE ALL EQUIPMENT AND MATERIALS.
- ALL ASSOCIATED EQUIPMENT SHALL BE CONSISTENT WITH THE CITY OF MELBOURNE TRAFFIC ENGINEERING SIGNALIZATION STANDARDS. CONTRACTOR SHALL CONTACT FOR THE MODELS AND TYPES OF ALL TRAFFIC SIGNAL ITEMS WITH THE CITY OF MELBOURNE TRAFFIC ENGINEERING, BEFORE ORDERING THE ITEMS.
- AT NO TIME IS THE CONTRACTOR AUTHORIZED TO CHANGE SIGNAL TIMINGS. CITY OF MELBOURNE TRAFFIC ENGINEERING WILL BE SOLELY RESPONSIBLE FOR MAINTENANCE OF SIGNAL TIMING BEFORE, DURING, AND AFTER CONSTRUCTION.
- ALL UNDERGROUND CONDUIT SHALL BE 2-INCH MINIMUM SCHEDULE 40 WITH THE EXCEPTION OF ELECTRICAL SERVICE, WHICH MAY BE 1-INCH SCHEDULE 40. CONDUIT ABOVE GROUND SHALL BE SCHEDULE 80 PVC.
- SPARE CONDUIT RUNS AND ASSOCIATED PULL BOXES ARE TO BE INSTALLED FOR ELECTRICAL SERVICE AND SIGNALS.
- LOCATIONS SHOWN FOR POWER SERVICE POINT FOR EACH ELECTRICAL SERVICE ARE APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL CONTACT FP&L AND CITY OF MELBOURNE TRAFFIC ENGINEERING TO COORDINATE THE EXACT LOCATION OF POWER SERVICE.

PAY ITEM NOTES

630-2-XX	INCLUDES THE LENGTH OF ALL CONDUIT RUNS WITHIN THE BORE, AS CALLED PER PLANS. NO ADDITIONAL PAYMENT WILL BE MADE FOR THE MULTIPLE RUNS OF CONDUIT WITHIN THE BORE. ALL OF THE PROPOSED CONDUITS UNDER A NEW CURB CUT RAMPS (CCR) SHALL BE INSTALLED PRIOR TO THE CONSTRUCTION OF THE CCRS AND SHALL BE INCLUDED IN THIS PAY ITEM NUMBER.
635-2-11	INCLUDES REMOVAL AND RESTORATION OF CONCRETE SIDEWALK NECESSARY TO INSTALL THE PULL BOXES
670-5-400	INCLUDES COORDINATION WITH MAINTENANCE AGENCY FOR ANY TIMING IMPLEMENTATION ISSUES.
671-2-11	CONTROLLER TO HAVE PRE-EMPTION CAPABILITIES.

INDIAN RIVER COUNTY

- THE AGENCY RESPONSIBLE FOR MAINTENANCE OF THE TRAFFIC SIGNALS AND RELATED COMMUNICATIONS EQUIPMENT IS INDIAN RIVER COUNTY TRAFFIC ENGINEERING DIVISION (IRCTED). PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR SHALL CONTACT INDIAN RIVER COUNTY TRAFFIC ENGINEERING DIVISION LOCATED AT: 4548 41TH STREET, VERO BEACH, FL. 32967 (772) 226-3461, TO INFORM THEM OF CONSTRUCTION OPERATIONS.
- THE CONTRACTOR SHALL PROVIDE FOUR COPIES OF MARKED-UP (AS-BUILT) CONSTRUCTION PLANS, AND ONE CADD FILE OF SUCH, AT THE TIME OF SIGNAL CONDITIONAL ACCEPTANCE INSPECTION BY THE MAINTAINING AGENCY.
- ALL TRAFFIC SIGNAL AND RELATED COMMUNICATION EQUIPMENT WHEN USING PAY ITEM SERIES: 632, 633, 635, 663, 650, 670, 683, 684, AND 685 FOR THIS CONTRACT SHALL BE COMPATIBLE WITH IRCTED'S CENTRAL COMPUTER NETWORK SYSTEM. PRIOR TO ANY PURCHASING OF THE ABOVE PRODUCTS, ENSURE THEY HAVE BEEN APPROVED FOR SYSTEM COMPATIBILITY BY THE MAINTAINING AGENCY.
- THE CONTRACTOR MAY BE DIRECTED BY THE ENGINEER TO DEVELOP AND IMPLEMENT MODIFICATIONS TO THE TRAFFIC SIGNAL OPERATIONS (I.E. TIMING AND PHASING) FOR SIGNALS LOCATED WITHIN THE PROJECT LIMITS.
- THE CONTRACTOR'S RESPONSE TIME TO ALL REPORTED MALFUNCTIONS OF TRAFFIC SIGNALS AND RELATED EQUIPMENT WITHIN THE PROJECT LIMITS SHALL BE WITHIN TWO (2) HOURS OF NOTIFICATION. THE CONTRACTOR SHALL RESTORE ALL MALFUNCTIONING TRAFFIC SIGNAL EQUIPMENT TO ITS LEVEL OF OPERATION PRIOR TO THE MALFUNCTION WITHIN TWENTY-FOUR (24) HOURS OF NOTIFICATION.
- ALL UNDERGROUND OR UNDER PAVEMENT PVC CONDUIT SHALL BE SCHEDULE 40.
- ALL PULL BOXES SHALL BE STAMPED "INDIAN RIVER COUNTY TRAFFIC SIGNAL" ON THE COVER. FIBER OPTIC PULL BOX DIMENSIONS SHALL BE 24" x 36" x 30" DEEP.

UTILITIES

THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY COMPANY TWO (2) FULL WORKING DAYS IN ADVANCE OF ANY EXCAVATION INVOLVING ITS UTILITIES SO THAT A COMPANY REPRESENTATIVE CAN BE PRESENT. THE LOCATION OF THE UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION. A PARTIAL LIST OF UTILITY OWNERS IS INCLUDED.

BREVARD COUNTY

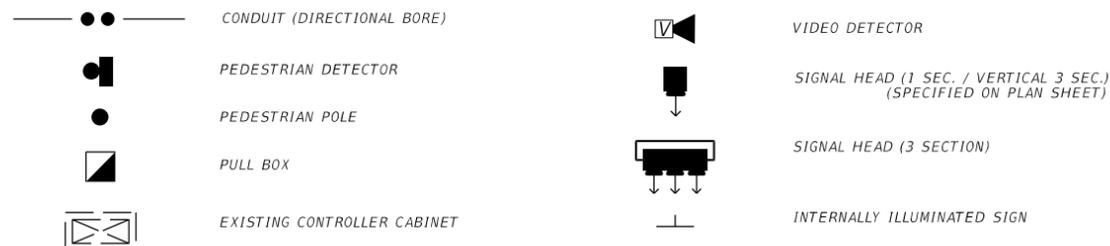
UTILITY AGENCY OWNER	TELEPHONE NUMBER	CONTACT PERSON
AT&T - FLORIDA	321-723-8040	BRYAN COUGHLIN
TW TELECOM	407-215-6895	JIM SOWERS
BRIGHT HOUSE NETWORK, LLC	321-757-6451	KEVIN R. MONEY
AMERIGAS PROPANE CO.	321-631-5070	PAUL LEWIS
CITY OF MELBOURNE	321-953-6244	JENNI LAMB
CITY OF WEST MELBOURNE	321-837-7777	KEITH MILLS
CITY OF PALM BAY	321-952-3410	ELIA TWIGG
FLORIDA PUBLIC UTILITIES CO. (FPUC)	561-838-1773	CHRIS CANINO
BREVARD COUNTY PUBLIC WORKS	321-633-2089	BOB ADOLPHE
CITY OF COCOA	321-433-8797	GEORGE R. TOLER
CITY OF ROCKLEDGE	321-690-3691	KEN POOLE
CITY GAS OF FLORIDA	321-636-4644	RON MULLER



INDIAN RIVER COUNTY

UTILITY AGENCY OWNER	TELEPHONE NUMBER	CONTACT PERSON
AT&T - TRANSMISSION	407-578-8000 EXT.10	CRAIG PETRIE
AT&T - FLORIDA	561-357-6615	ROBERT LOWEN
CITY OF VERO BEACH WATER & SEWER	772-978-5220	ROBERT J. BOLTON
INDIAN RIVER COUNTY PUBLIC WORKS	772-226-1379	ART PFEFFER
JOHNS ISLAND WATER MANAGEMENT	772-231-3957	JIM MOLLER
FLORIDA GAS TRANSMISSION	407-838-7171	JOSEPH E. SANCHEZ
FP&L - TRANSMISSION	561-907-3604	GEORGE BECK
FP&L - FIBERNET, LLC	305-552-2931	DANNY HASKETT
FP&L - DISTRIBUTION	954-321-2040	BRET BECK
LEVEL III COMMUNICATIONS	720-888-4988	KELLI WHITEHEAD
AMERIGAS PROPANE CO.	772-453-4931	NEIL HARTMAN
THRU GAS (THRIFTY)/ SUBURBAN PROPANE	321-723-0626	MIKE MOREY
QUEST	813-630-2605	MIKE FITZGERALD
VERIZON	941-906-6703	JOHN MCNEIL
SPRINT/NEXTEL	407-422-6670	MARK D. CALDWELL
COMCAST	772-567-3473	DONALD STEPHEN
TW TELECOM	954-761-2730	WILL ZACKERY

LEGEND



REVISIONS				AMAZIA L. KIBOKO, PE P.E. NO.: 49523 F.R. ALEMAN & ASSOCIATES, INC. 10305 N.W. 41 STREET, SUITE 200 MIAMI FL 33178 CERTIFICATE OF AUTHORIZATION 4658				SHEET NO. T-02
DATE	DESCRIPTION	DATE	DESCRIPTION		AAF CONTRACT	SECTION	COUNTY	
					FECR	D08	BREVARD INDIAN RIVER	SIGNALIZATION NOTES

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

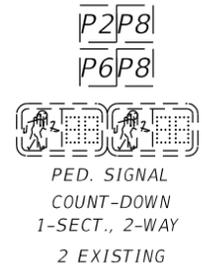
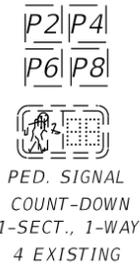
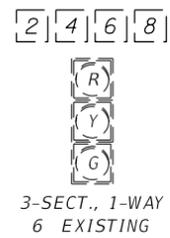
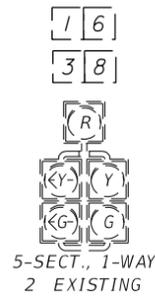
TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																				TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET
			CL-08-25		CL-08-30		CL-08-37		CL-08-38		CL-08-39		CL-08-40		CL-08-42		CL-08-56		CL-08-57		CL-08-58		PLAN	FINAL	PLAN	FINAL	
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL							
630-2-12	CONDUIT (F&I) (DIRECTIONAL BORE)	LF	550		510		745		760		435		420		470		505		200		180		4775		7105		
630-2-13	CONDUIT (F&I) (JACK & BORE UNDER RAILROAD)	LF	100		70		50		75				75		100		100		120		100		790		1455		
632-7-2	SIGNAL CABLE (REPAIR/REPLACE/OTHER) F&I	LF	650		580		795		835		435		485		570		605		220		280		5455		9125		
635-2-11	PULL & SPICE BOX (F&I) (13" X 24")	EA	5		6		6		5		4		5		4		4		3		4		46		86		
646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL	EA																				0		4			
649-31-102	MAST ARM, F&I, 150MPH, SINGLE ARM, W/O LUMINAIRE-46	EA																				0		0			
649-31-103	MAST ARM, F&I, 150MPH, SINGLE ARM, W/O LUMINAIRE-60	EA																				0		1			
649-31-112	MAST ARM, F&I, 150MPH, DOUBLE ARM, W/O LUMINAIRE, 36-60	EA																				0		0			
649-36-300	MAST ARM, REMOVE SHALLOW FOUNDATION	EA																				0		1			
650-1-14	TRAFFIC SIGNAL, F&I ALUMINUM, 3 SECTION, 1 WAY	AS																				0		6			
650-1-16	TRAFFIC SIGNAL, F&I ALUMINUM, 4 SECTION, 1 WAY	AS																				0		0			
650-1-19	TRAFFIC SIGNAL, F&I ALUMINUM, 5 SECTION CLUSTER, 1 WAY	AS																				0		0			
653-1-11	PEDESTRIAN SIGNAL, F&I, LED COUNTDOWN, 1 WAY	AS																				0		0			
660-4-12	VDS- VIDEO, F&I ABOVE GROUND EQUIPMENT	EA																				0		0			
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	EA																				0		0			
670-5-400	TRAFFIC CONTROLLER ASSEMBLY (MODIFY)	AS	1		1		1		1		1		1		1		1		1		1		10		20		
671-2-11	TRAFFIC CONTROLLER W/O CABINET, F&I IN EXST. CABINET	EA	1		1		1		1		1		1		1		1		1		1		10		20		
700-5-22	INTERNALLY ILLUMINATED SIGN, F&I, OVRHD MNT, 12-18 SF	EA																				0		1			

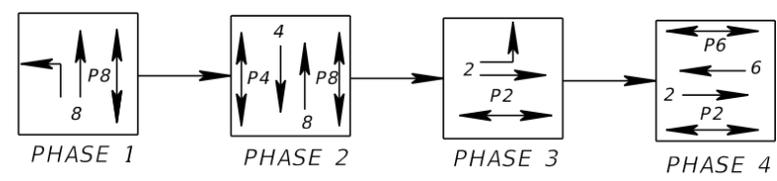
REVISIONS				AMAZIA L. KIBOKO, PE P.E. NO.: 49523 F.R. ALEMAN & ASSOCIATES, INC. 10305 N.W. 41 STREET, SUITE 200 MIAMI FL 33178 CERTIFICATE OF AUTHORIZATION 4658				TABULATION OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		AAF CONTRACT	SECTION	COUNTY		T-04
					FECR	D08	BREVARD INDIAN RIVER		

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

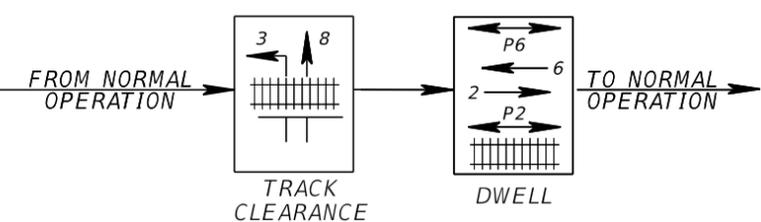
SIGNAL HEAD DETAIL



EXISTING SPECIAL S.O.P. 10 TO REMAIN



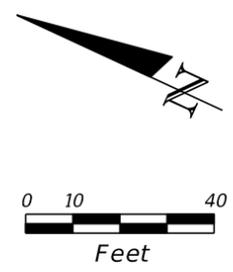
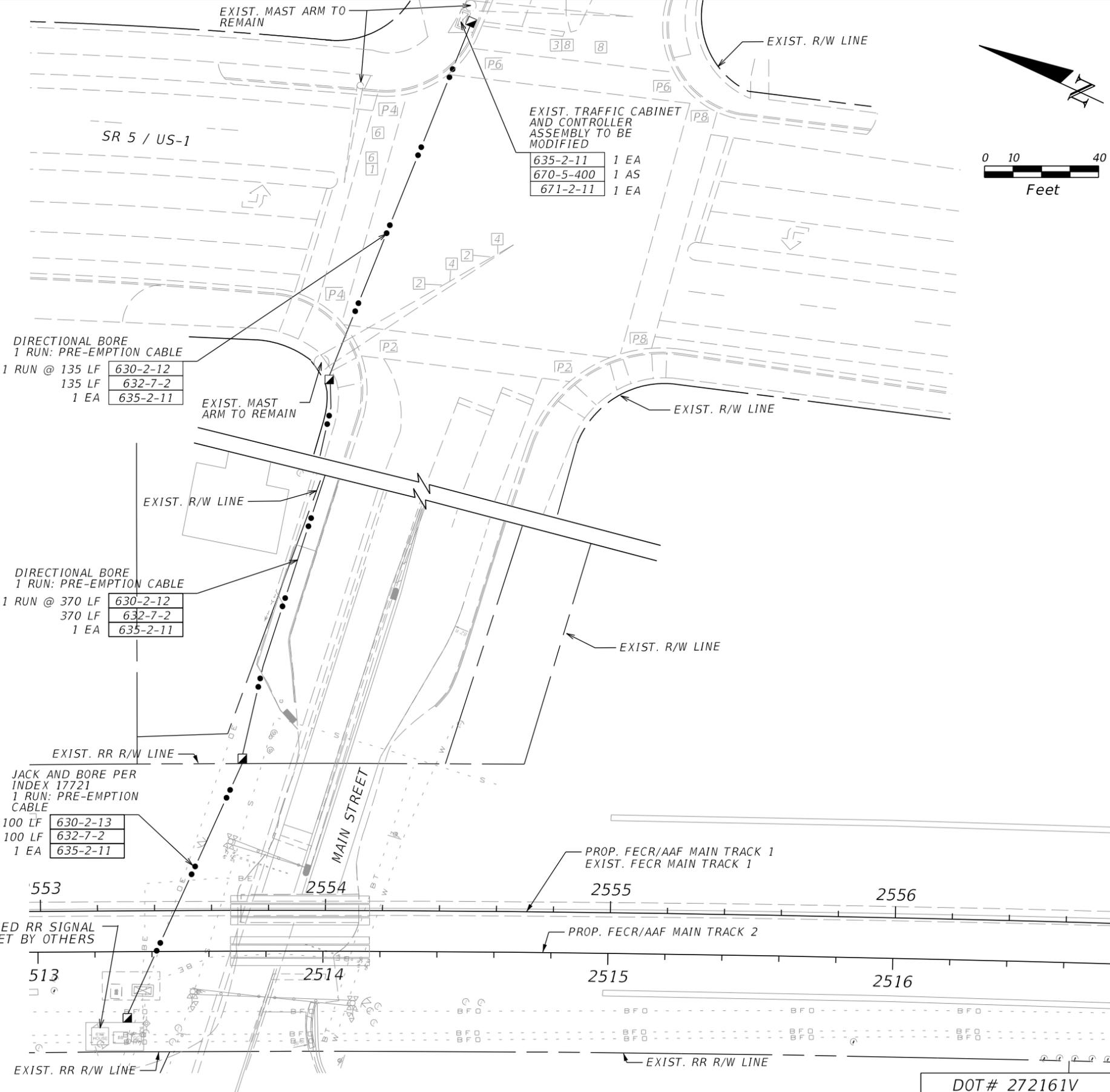
PROPOSED P.O.P. 3



EXIST. CONTROLLER TIMINGS TO REMAIN								PRE-EMPTION TIMINGS (SEE NOTE 2)		
TIMING FUNCTION	1	2	3	4	5	6	7	8	MIN. GRN. BEFORE PRE-EMP.	YELLOW CLR.
MOVEMENT NUMBER	1	2	3	4	5	6	7	8		
MINIMUM GREEN	8	24	10							
EXTENSION	3.0	4.0	4.0							
MAXIMUM GREEN 1	14	45	25							
MAXIMUM GREEN 2										
YELLOW CLEARANCE	4.0	4.0	4.0							
ALL RED	2.0	2.0	2.0							
PEDESTRIAN WALK		7.0	10							
PED. CLEARANCE		16	33							
RECALL		MIN								
									MIN. DWELL	YELLOW CLR.
										ALL RED CLR.

CONTROLLER OPERATION NOTES

1. MAJOR STREET: SR 5 / US-1
MINOR STREET: MAIN STREET
2. CONTRACTOR SHALL COORDINATE WITH SIGNAL MAINTENANCE AGENCY FOR NEW PRE-EMPTION TIMINGS



DOT# 272161V

REVISIONS		DESCRIPTION		DATE	DESCRIPTION	AAFL CONTRACT	SECTION	COUNTY	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION						
						FECR	D08	BREVARD INDIAN RIVER	CL-08-56

AMAZIA L. KIBOKO, PE
P.E. NO.: 49523
F.R. ALEMAN & ASSOCIATES, INC.
10305 N.W. 41 STREET, SUITE 200
MIAMI FL 33178
CERTIFICATE OF AUTHORIZATION 4658

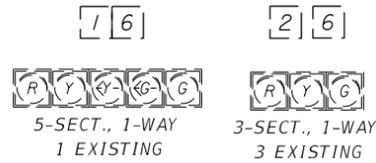
ALL ABOARD FLORIDA

AAFL CONTRACT: FECR
SECTION: D08
COUNTY: BREVARD INDIAN RIVER

GRADE CROSSING IMPROVEMENTS
MAIN STREET M.P. 214+2238'
SEBASTIAN, FLORIDA

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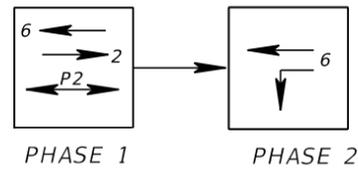
SIGNAL HEAD DETAIL



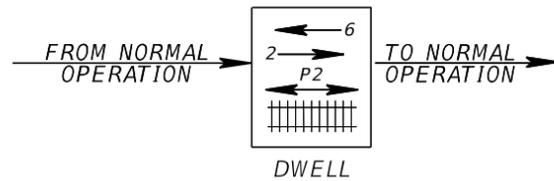
SIGN DETAIL



EXISTING S.O.P. 2 TO REMAIN



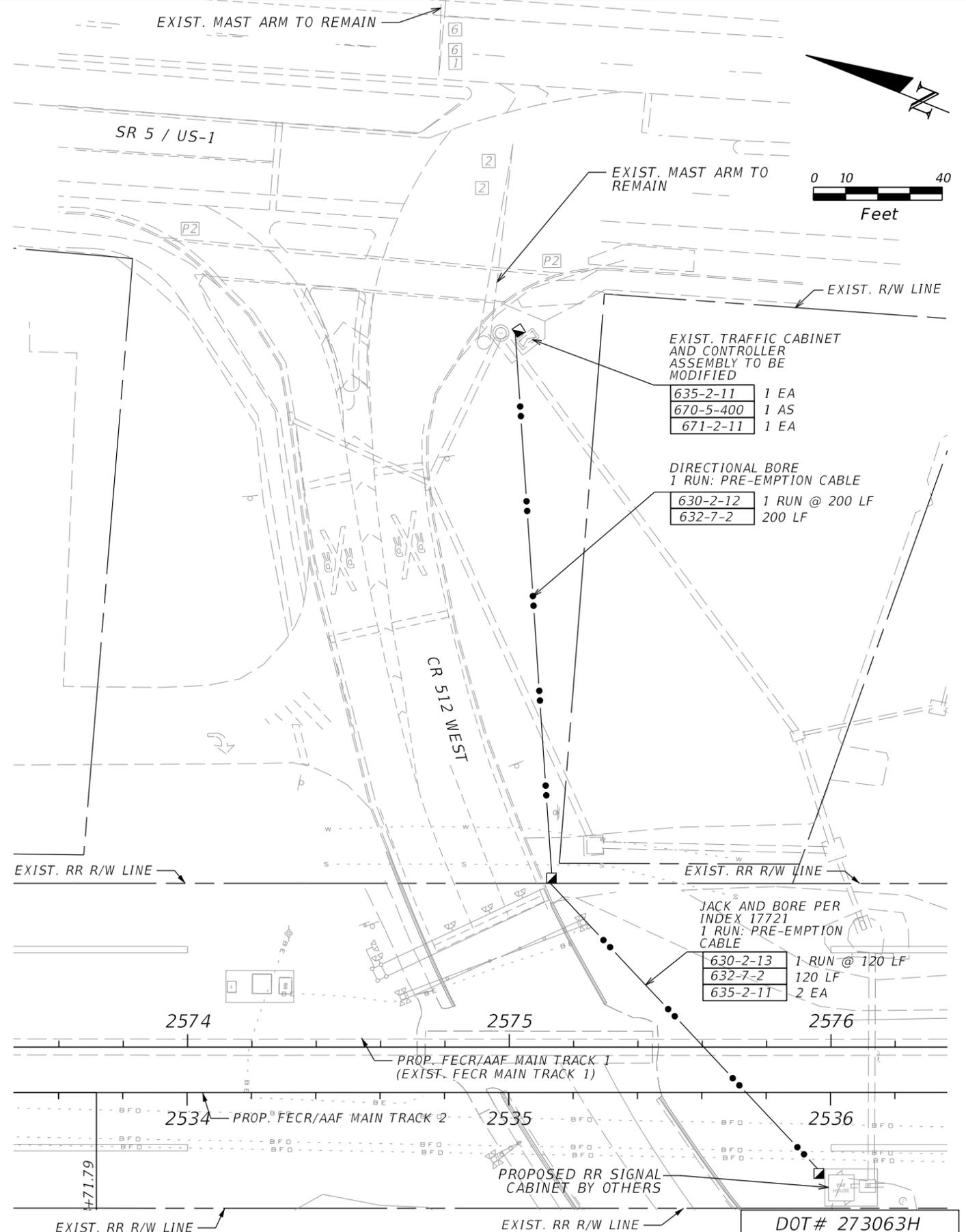
PROPOSED P.O.P. 3



EXIST. CONTROLLER TIMINGS TO REMAIN									PRE-EMPTION TIMINGS (SEE NOTE 2)	
TIMING FUNCTION	1	2	3	4	5	6	7	8	MIN. GRN. BEFORE PRE-EMP.	YELLOW CLR.
MOVEMENT NUMBER										
MINIMUM GREEN	8	24				24				
EXTENSION	3	4.0				4.0				
MAXIMUM GREEN 1	20	45				45				
MAXIMUM GREEN 2										
YELLOW CLEARANCE	4.0	4.0				4.0				
ALL RED	2.0	2.0				2.0				
PEDESTRIAN WALK		7.0								
PED. CLEARANCE		12								
RECALL		MIN				MIN				

CONTROLLER OPERATION NOTES

1. MAJOR STREET: SR 5 / US-1
MINOR STREET: CR 512 WEST
2. CONTRACTOR SHALL COORDINATE WITH SIGNAL MAINTENANCE AGENCY FOR NEW PRE-EMPTION TIMINGS



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AMAZIA L. KIBOKO, PE
P.E. NO.: 49523
F.R. ALEMAN & ASSOCIATES, INC.
10305 N.W. 41 STREET, SUITE 200
MIAMI FL 33178
CERTIFICATE OF AUTHORIZATION 4658

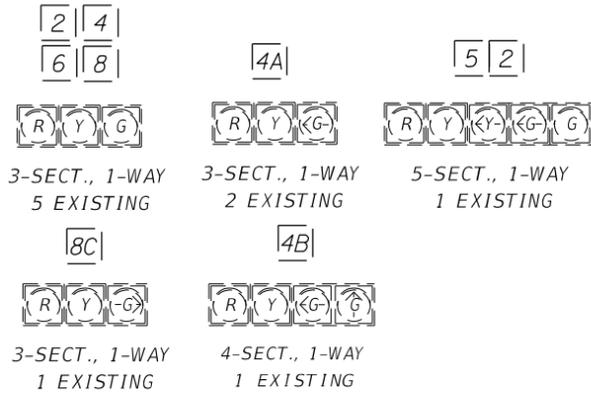
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

GRADE CROSSING IMPROVEMENTS
CR 512 WEST M.P. 214+4375'
SEBASTIAN, FLORIDA

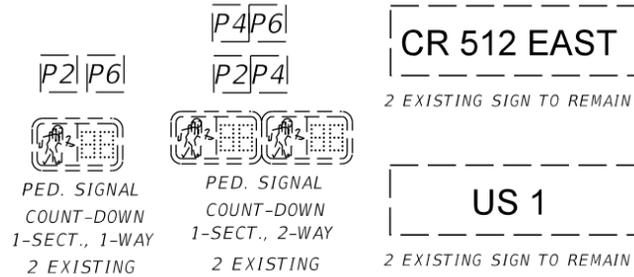
SHEET NO.
CL-08-57

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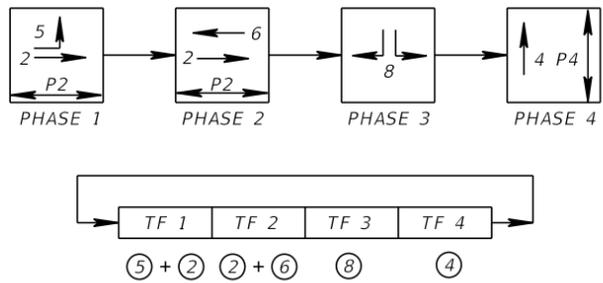
SIGNAL HEAD DETAIL



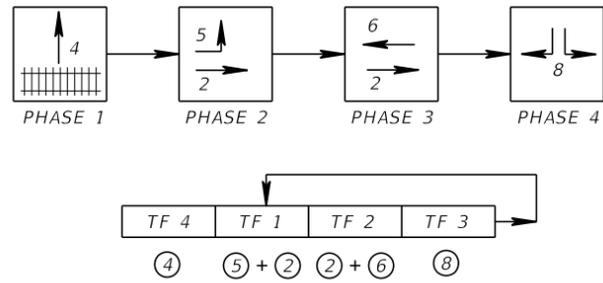
SIGN DETAIL



EXIST. SPECIAL S.O.P. 4 TO REMAIN



EXIST. RR PRE-EMPTION TO REMAIN



EXIST. ONTROLLER TIMINGS TO REMAIN

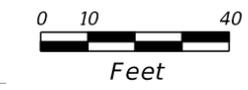
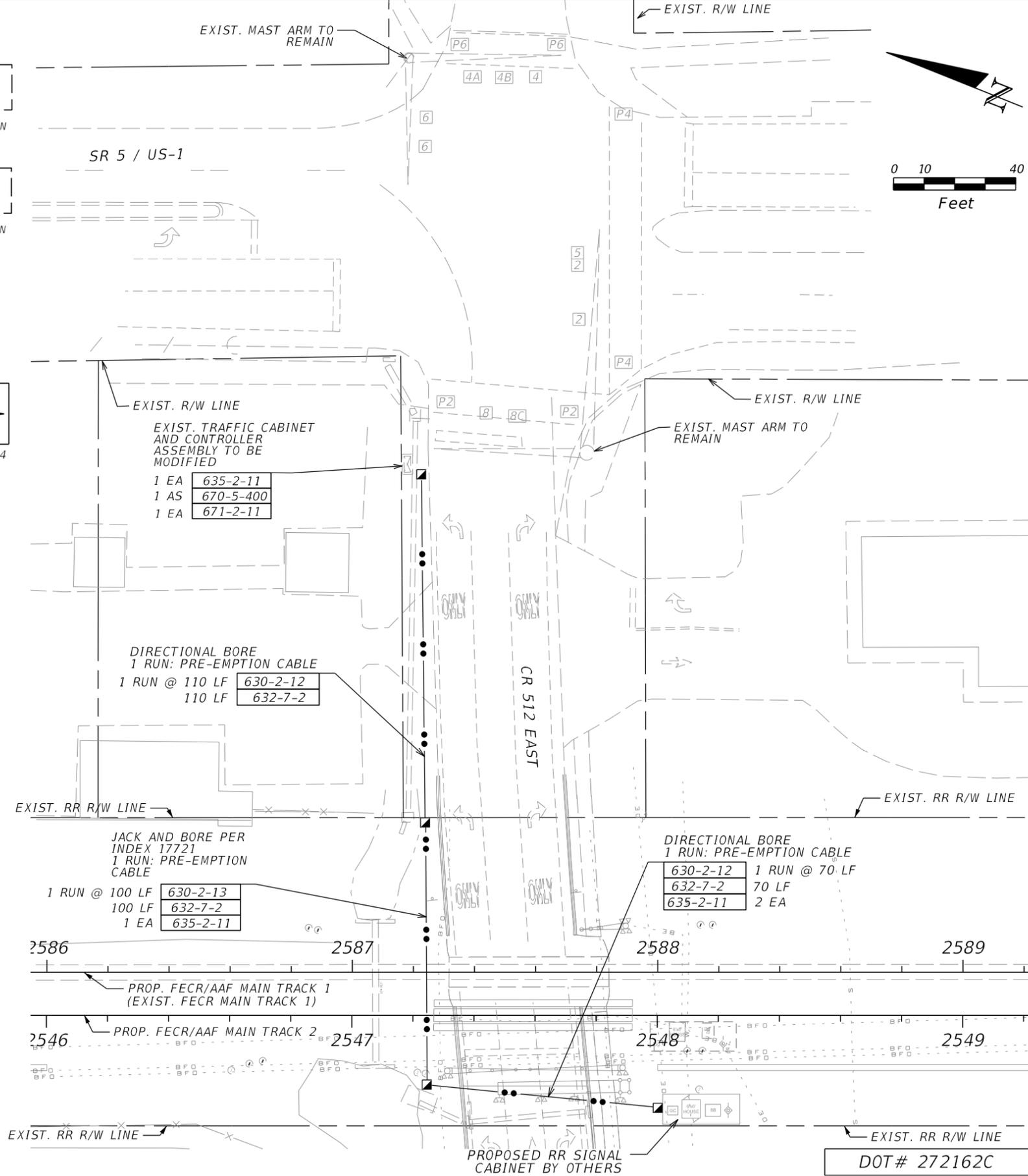
TIMING FUNCTION	MOVEMENT NUMBER	1	2	3	4	5	6	7	8
MINIMUM GREEN		8	24	10	10				
EXTENSION		3	4	4	4				
MAXIMUM GREEN 1		20	45	20	35				
MAXIMUM GREEN 2									
YELLOW CLEARANCE		4	4	4	4				
ALL RED		2	2	2	2				
PEDESTRIAN WALK					7				
PED. CLEARANCE					18				
RECALL			MIN						

CONTROLLER OPERATION NOTES

1. MAJOR STREET: SR 5 / US-1
MINOR STREET: CR 512 EAST
2. CONTRACTOR SHALL COORDINATE WITH SIGNAL MAINTENANCE AGENCY FOR NEW PRE-EMPTION TIMINGS

PREEMTION TIMING	GREEN BEFORE	TRK CL GREEN	TRK CL YELLOW	MIN DWELL	YELLOW AFTER	RED AFTER
PHASE	3.0	10.0	4.0	10.0	4.0	1.0
TIMING						

SPECIAL FUNCTION	START PHASE	DUAL ENTRY	WT + PASS	DETEC SWITCH	OUT OF FLASH	INTO FLASH
	2.0	NG	YES	YES	2.0	4.0
				1.0		



REVISIONS		DATE	DESCRIPTION
DATE	DESCRIPTION	DATE	DESCRIPTION

AMAZIA L. KIBOKO, PE
P.E. NO.: 49523
F.R. ALEMAN & ASSOCIATES, INC.
10305 N.W. 41 STREET, SUITE 200
MIAMI FL 33178
CERTIFICATE OF AUTHORIZATION 4658

ALL ABOARD FLORIDA		
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

GRADE CROSSING IMPROVEMENTS
CR 512 EAST M.P. 215+315'
SEBASTIAN, FLORIDA

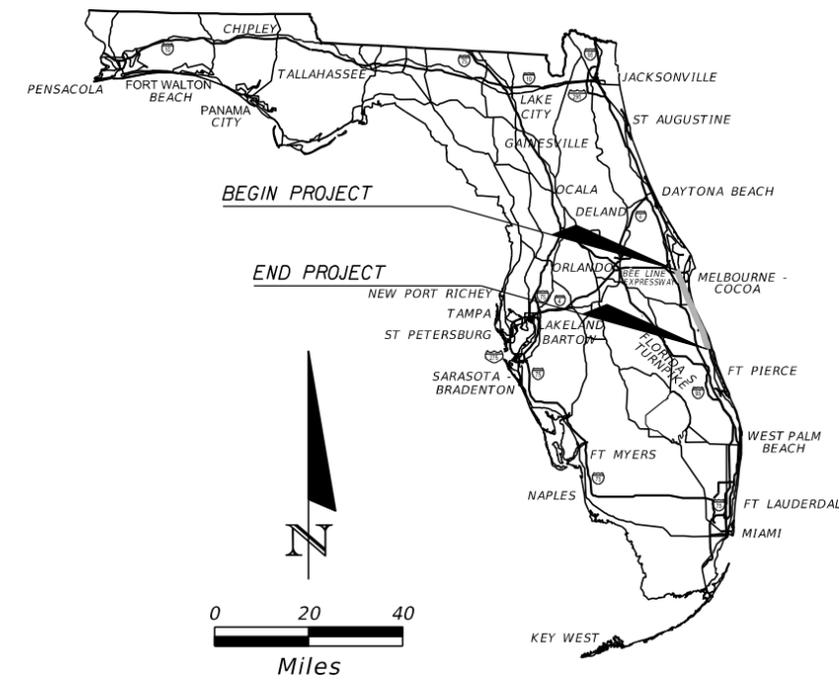
SHEET NO.
CL-08-58

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ALL ABOARD FLORIDA

CONTRACT D08 PLANS



COMPONENTS OF D08 PLAN SET

- VOLUME 1 TRACK CONSTRUCTION PLANS
- VOLUME 2 **NOT PROVIDED** TRACK GRADING CROSS SECTIONS
- VOLUME 3 ROADWAY DESIGN PLANS/TRAFFIC CONTROL THROUGH WORK ZONE
- VOLUME 4 SIGNING AND PAVEMENT MARKING PLANS
- VOLUME 5 ROADWAY SIGNALIZATION PLANS
- VOLUME 6 CROSSING LAYOUT PLANS
- VOLUME 7 UTILITY PLANS
- VOLUME 8 MISCELLANEOUS STRUCTURE PLANS
- VOLUME 9 **NOT PROVIDED** PRELIMINARY FIBER OPTIC PLANS
- VOLUME 10 PRELIMINARY WAYSIDE SIGNAL PLANS

This PDF file includes construction plans for grade crossings within the limits of Sebastian

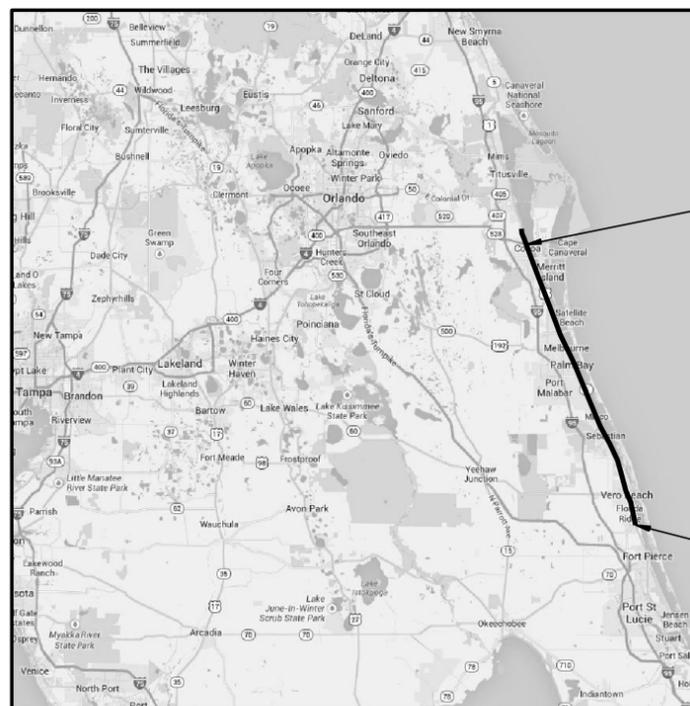
INDEX

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	INDEX SHEET
3 - 5	CROSSING LAYOUT RADAR DETAILS
6 - 87	CROSSING LAYOUT PLANS

REVISIONS:

REVISION NO.	SHEETS EDITED

CROSSING LAYOUT PLANS FOR D08 FECR MP 169.76 TO 233.4



BEGIN PROJECT
MP 169.76
STA. 8960+97.41
CONSTRUCTION BASELINE=
STA. 205+72.09
PROP. FECR/AAF MAIN TRACK 1

END PROJECT
MP 233.4
STA. 12324+75.81
CONSTRUCTION BASELINE=
STA. 3555+42.91
PROP. FECR/AAF MAIN TRACK 1=
STA. 3515+42.50
PROP. FECR/AAF MAIN TRACK 2

PLANS PREPARED BY:

ALSTOM

4901 Belfort Road, SUITE 150
JACKSONVILLE, FL 32256-6020
PHONE: (904) 470-1000
FAX: (904) 470-1001

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

VOLUME 6

CROSSING LAYOUT PLANS
LEAD SIGNAL ENGINEER:
Jeffrey M. Atchison
Alstom Transportation Information Solutions

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INDEX OF CROSSING LAYOUT PLANS

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>	<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>	<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
1	COVER SHEET	41	LINE STREET	78	21ST STREET
2	CROSSING LAYOUT INDEX SHEET	42	JEMIGAN AVE	79	20TH STREET EAST
3	CROSSING LAYOUT RADAR DETAILS	43	UNIVERISTY BLVD	80	19TH STREET
4	CROSSING LAYOUT RADAR DETAILS	44	HESSEY AVE	81	17TH STREET
5	CROSSING LAYOUT RADAR DETAILS	45	PALM BAY ROAD	82	12TH STREET
6	MICHIGAN AVE	46	PORT MALABAR BLVD NE	83	GLENDALE ROAD
7	DIXON BLVD	47	MALABAR ROAD	84	4TH STREET
8	HIGHLAND DR	48	JORDAN BLVD	85	1ST STREET
9	PEACHTREE ST	49	VALKARIA ROAD	86	OLSO ROAD
10	W. KING ST	50	1ST STREET	87	HIGHLAND DR
11	ROSA L. JONES BLVD	51	SHELL PIT ROAD		
12	BARTON AVE	52	SENNE ROAD		
13	EYSTER BLVD	53	BAREFOOT BLVD		
14	RINKER WAY	54	MICCO ROAD		
15	GUS HIPPI BLVD	55	HOLLY STREET		
16	BARNES BLVD	56	ROSELAND ROAD		
17	CARVER ROAD	57	MAIN STREET		
18	ANSIN ROAD	58	CR 512 WEST		
19	VIERA BLVD	59	CR 512 EAST		
20	SUNTREE BLVD	60	OLD DIXIE HIGHWAY		
21	PINEDA CAUSEWAY	61	SCHUMANN ROAD		
22	POST ROAD	62	99TH STREET (VICKERS RD)		
23	PARKWAY DRIVE	63	BARBER STREET		
24	LAKE WASHINGTON ROAD	64	85TH STREET		
25	MASTERSON STREET	65	HOBART RD.		
26	AURORA ROAD	66	69TH ST N WINTER BEACH RD		
27	CREEL ST	67	69TH ST S WINTER BEACH RD		
28	EAU GALLIE BLVD	68	HAWKS NEST STREET		
29	SARNO RD	69	53RD STREET		
30	SOUTH BABCOCK STREET	70	49TH STREET		
31	E. NASA BLVD	71	45TH STREET		
32	E. HIBISCUS BLVD	72	43RD STREET		
33	SILVER PALM AVE	73	41ST STREET		
34	SEMINOLE AVE	74	AVIATION BLVD		
35	FEE AVE	75	26TH STREET		
36	LINCOLN AVE	76	14TH AVE		
37	PALMETTO AVE	77	23RD STREET		
38	STRAWBRIDGE AVE				
39	NEW HAVEN AVE				
40	PROSPECT AVE				

The operation of any circuits and equipment shown herein must be checked by point to point breakdown and complete operational testing of the system (or sections of the system) into which they are connected.

	SPECIFIED EQUIPMENT OR APPROVED EQUAL			CROSSING LAYOUT	
	REVISIONS	DR:		 FLORIDA EAST COAST RAILWAY OFFICE OF THE CHIEF ENGINEER SIGNALS & COMMUNICATIONS CROSSING LAYOUT PLANS INDEX SHEET	FILE
		CHK:			DRAWING NO.
		APPR:			
	DATE:		SH. 2 OF 87		

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

CABLE SCHEDULE				
SYMBOL	DESCRIPTION	CABLE REQUIRED	FROM	TO
	COMMERCIAL POWER	3C. #4, 1C. #6	COMMERCIAL POWER DROP	GENERATOR CASE
	GENERATOR CASE	3C. #4, 1C. #6	GENERATOR CASE	CROSSING HOUSE
	BATTERY BOX	3-5C. #6	BATTERY BOX	CROSSING OR WAYSIDE HOUSE
	TRACK CONNECTION	2C. #6 TWISTED PAIR	CROSSING OR WAYSIDE HOUSE	TRACK
	SINGLE ROADWAY GATE MAST	19C (6C. #6 & 13C. #14)	CROSSING HOUSE	SINGLE ROADWAY GATE MAST
	SINGLE PEDESTRIAN GATE MAST	19C (6C. #6 & 13C. #14)	CROSSING HOUSE	SINGLE PEDESTRIAN GATE MAST
	CANTILEVER	3-5C. #6	CROSSING HOUSE	CANTILEVER
	ISLAND RADAR	ISLAND RADAR PART NUMBER CAB-0101-00	CROSSING HOUSE	ISLAND RADAR
RFO BFO	FIBER OPTIC CABLE	12 STRAND FO (SOME ARE 24C)	CROSSING HOUSE	FIBER OPTIC PULL BOX
	TIE-IN TO CITY TRAFFIC CONTROLLER	5C #14	CROSSING HOUSE	CITY TRAFFIC CONTROLLER
	WAYSIDE SIGNAL	5C #6 (EACH HEAD)	CROSSING HOUSE	WAYSIDE SIGNAL

The operation of any circuits and equipment shown herein must be checked by point to point breakdown and complete operational testing of the system (or sections of the system) into which they are connected.

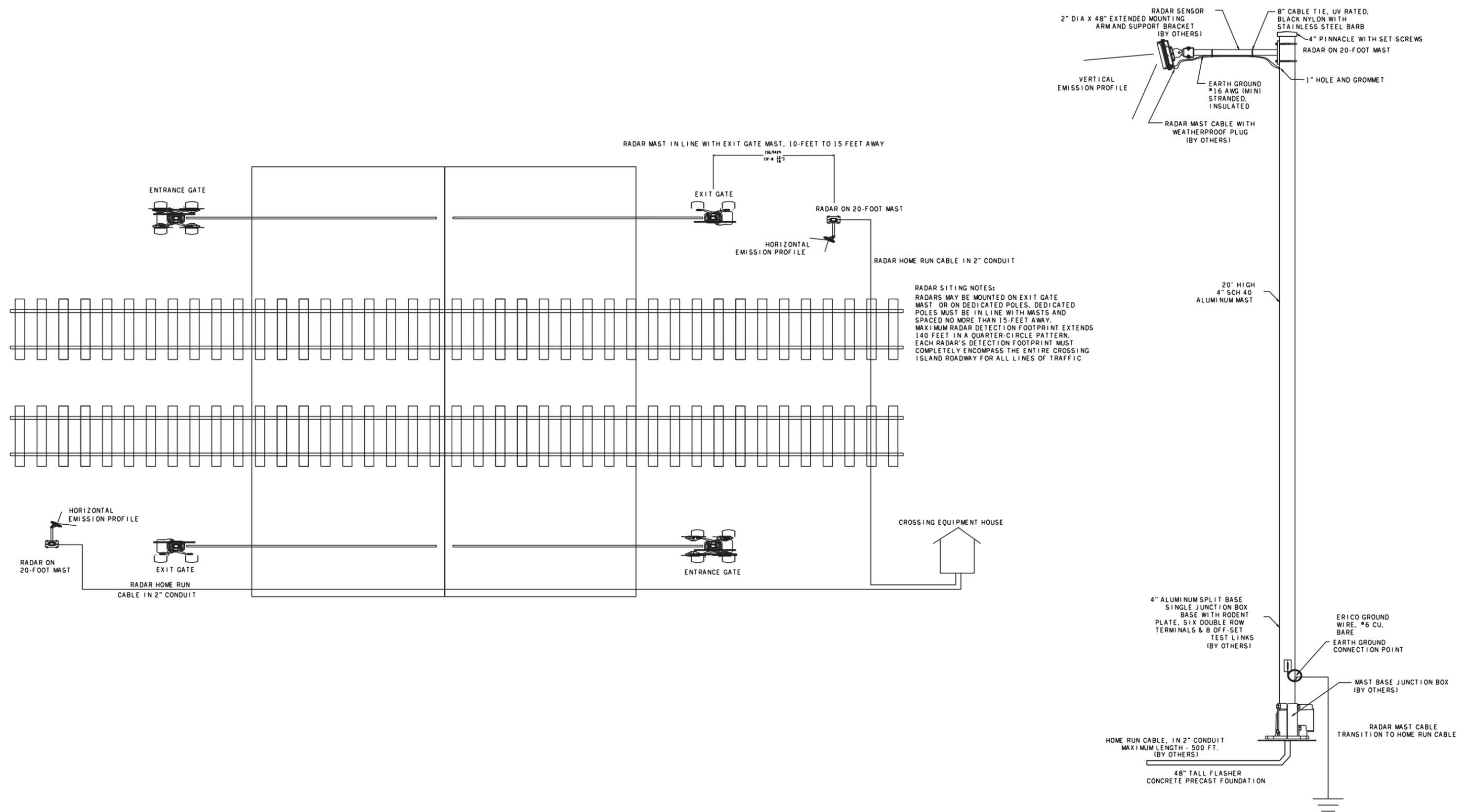


SPECIFIED EQUIPMENT OR APPROVED EQUAL

CROSSING LAYOUT

REVISIONS	DR:	DATE:

FLORIDA EAST COAST RAILWAY OFFICE OF THE CHIEF ENGINEER SIGNALS & COMMUNICATIONS CROSSING LAYOUT RADAR DETAILS	FILE
	DRAWING NO.
	SH. 3 OF 87



RADAR SITING NOTES:
 RADARS MAY BE MOUNTED ON EXIT GATE MAST OR ON DEDICATED POLES. DEDICATED POLES MUST BE IN LINE WITH MASTS AND SPACED NO MORE THAN 15- FEET AWAY. MAXIMUM RADAR DETECTION FOOTPRINT EXTENDS 140 FEET IN A QUARTER-CIRCLE PATTERN. EACH RADAR'S DETECTION FOOTPRINT MUST COMPLETELY ENCOMPASS THE ENTIRE CROSSING ISLAND ROADWAY FOR ALL LINES OF TRAFFIC

The operation of any circuits and equipment shown herein must be checked by point to point breakdown and complete operational testing of the system (or sections of the system) into which they are connected.

SPECIFIED EQUIPMENT OR APPROVED EQUAL		CROSSING LAYOUT	
REVISIONS	DR:	FILE	
	DES:		
	CHK:		
	APPR:		
	DATE:		




 OFFICE OF THE CHIEF ENGINEER SIGNALS & COMMUNICATIONS
 CROSSING LAYOUT RADAR DETAILS

FILE
 DRAWING NO.
 SH. 4 OF 87

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

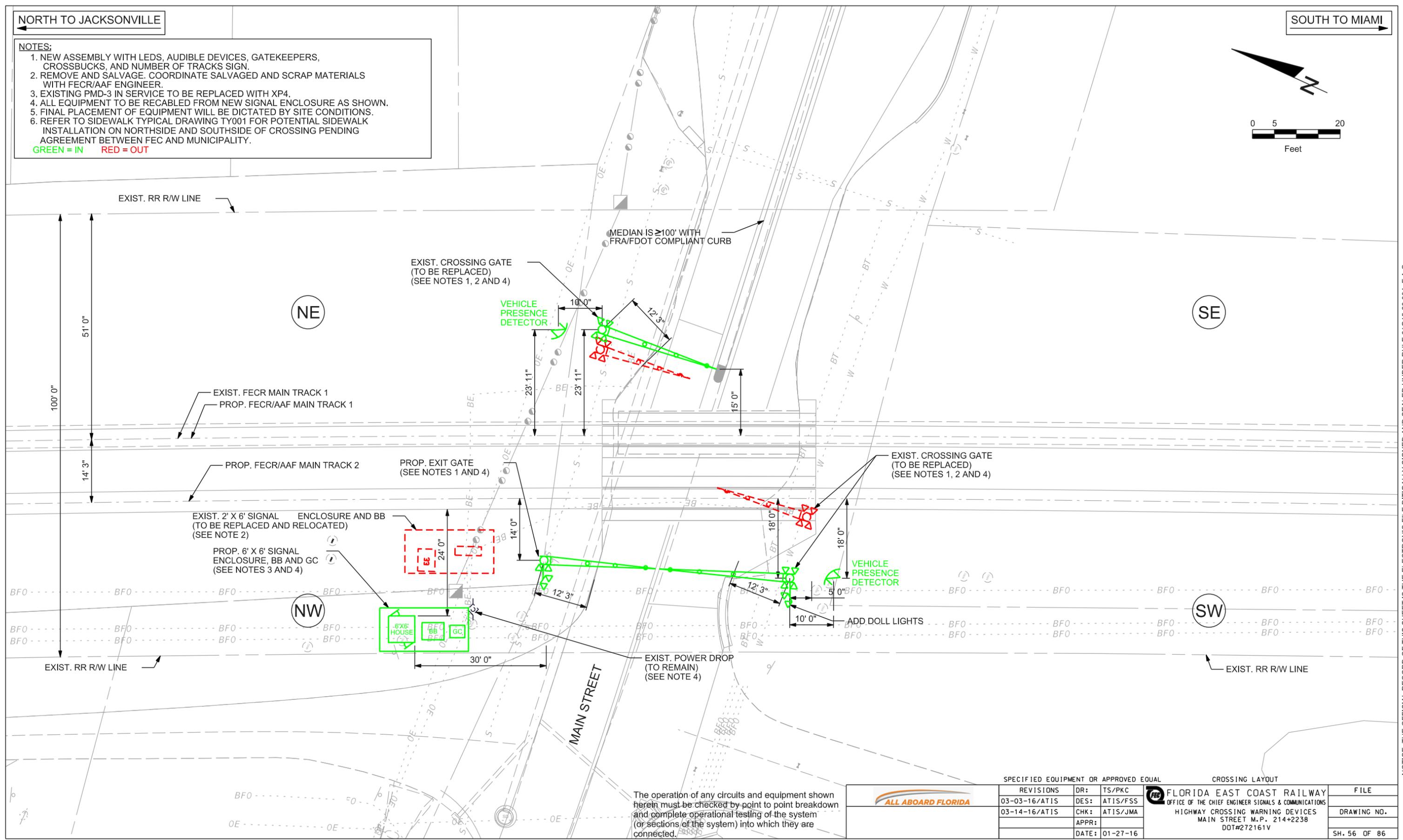
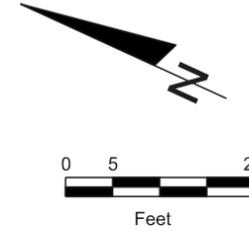
NORTH TO JACKSONVILLE

SOUTH TO MIAMI

NOTES:

1. NEW ASSEMBLY WITH LEDS, AUDIBLE DEVICES, GATEKEEPERS, CROSSBUCKS, AND NUMBER OF TRACKS SIGN.
2. REMOVE AND SALVAGE. COORDINATE SALVAGED AND SCRAP MATERIALS WITH FECR/AAF ENGINEER.
3. EXISTING PMD-3 IN SERVICE TO BE REPLACED WITH XP4.
4. ALL EQUIPMENT TO BE RECABLED FROM NEW SIGNAL ENCLOSURE AS SHOWN.
5. FINAL PLACEMENT OF EQUIPMENT WILL BE DICTATED BY SITE CONDITIONS.
6. REFER TO SIDEWALK TYPICAL DRAWING TY001 FOR POTENTIAL SIDEWALK INSTALLATION ON NORTHSIDE AND SOUTHSIDE OF CROSSING PENDING AGREEMENT BETWEEN FEC AND MUNICIPALITY.

GREEN = IN RED = OUT



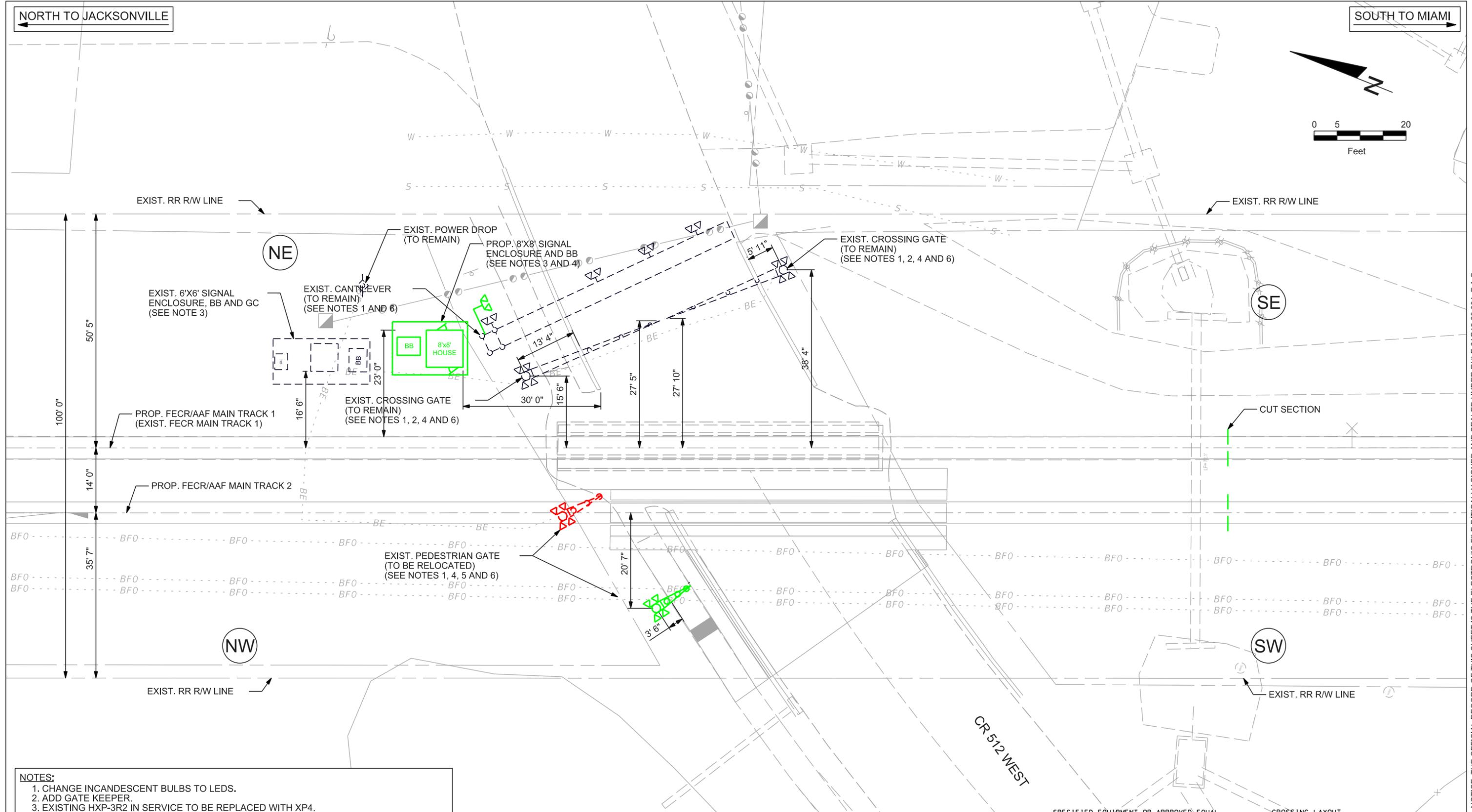
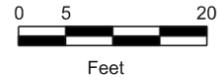
The operation of any circuits and equipment shown herein must be checked by point to point breakdown and complete operational testing of the system (or sections of the system) into which they are connected.

SPECIFIED EQUIPMENT OR APPROVED EQUAL		CROSSING LAYOUT		
REVISIONS	DR:	TS/PKC	FILE	
03-03-16/ATIS	DES:	ATIS/FSS	FLORIDA EAST COAST RAILWAY OFFICE OF THE CHIEF ENGINEER SIGNALS & COMMUNICATIONS HIGHWAY CROSSING WARNING DEVICES MAIN STREET M.P. 214+2238 DOT#272161V	
03-14-16/ATIS	CHK:	ATIS/JMA		DRAWING NO.
	APPR:			SH. 56 OF 86
	DATE:	01-27-16		

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NORTH TO JACKSONVILLE

SOUTH TO MIAMI

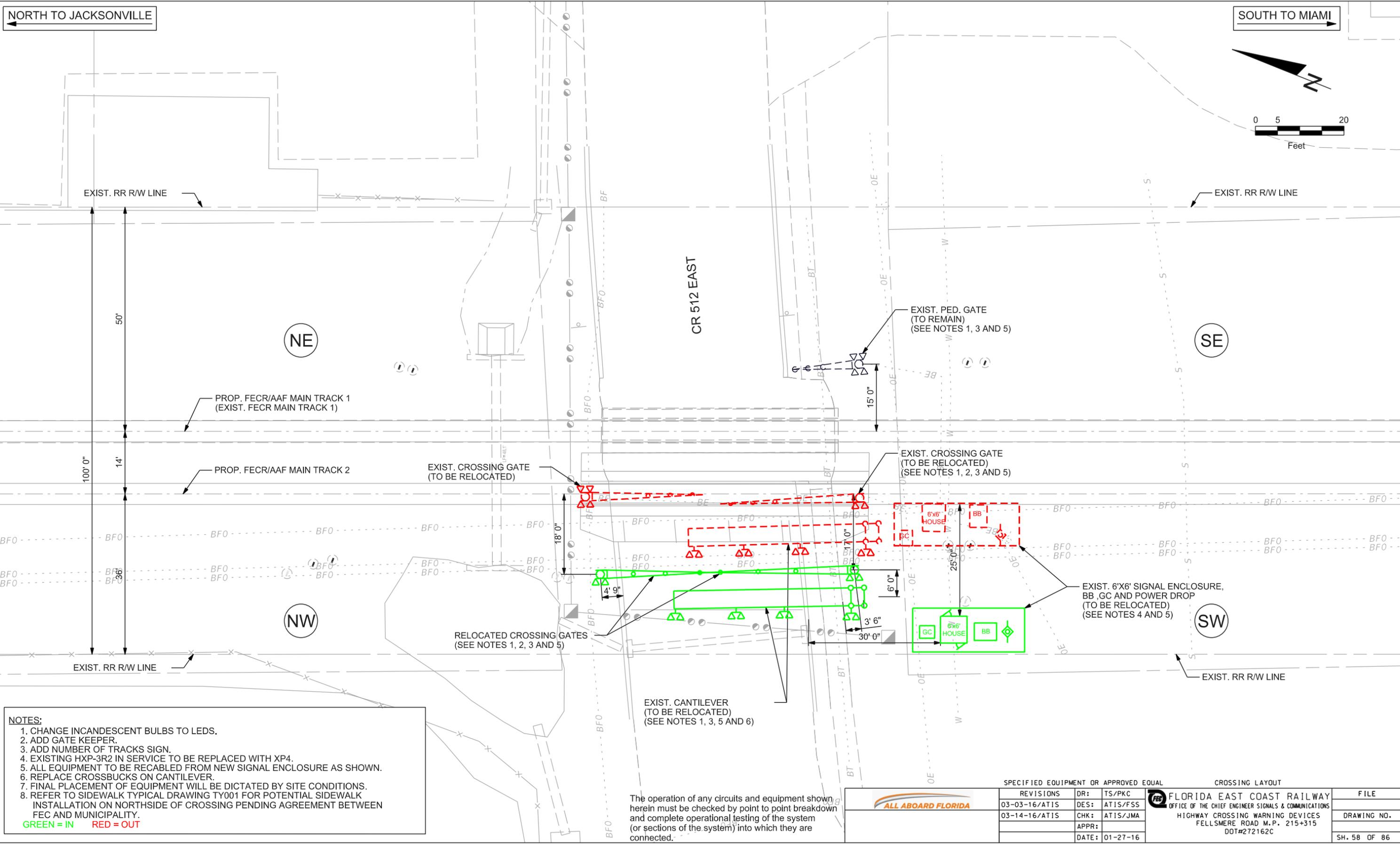


- NOTES:**
1. CHANGE INCANDESCENT BULBS TO LEDS.
 2. ADD GATE KEEPER.
 3. EXISTING HXP-3R2 IN SERVICE TO BE REPLACED WITH XP4.
 4. ALL EQUIPMENT TO BE RECABLED FROM NEW SIGNAL ENCLOSURE AS SHOWN.
 5. ADD CROSSBUCK TO PEDESTRIAN GATE.
 6. ADD NUMBER OF TRACKS SIGN.
 7. FINAL PLACEMENT OF EQUIPMENT WILL BE DICTATED BY SITE CONDITIONS.
- GREEN = IN RED = OUT

The operation of any circuits and equipment shown herein must be checked by point to point breakdown and complete operational testing of the system (or sections of the system) into which they are connected.

	SPECIFIED EQUIPMENT OR APPROVED EQUAL		CROSSING LAYOUT		FILE
	REVISIONS	DR:	TS/PKC	FLORIDA EAST COAST RAILWAY OFFICE OF THE CHIEF ENGINEER SIGNALS & COMMUNICATIONS HIGHWAY CROSSING WARNING DEVICES CR 512 WEST M.P. 214+4375 DOT#273063H	DRAWING NO.
	03-03-16/ATIS	DES:	ATIS/FSS		
	03-14-16/ATIS	CHK:	ATIS/JMA		
	APPR:				
	DATE:	01-27-16			SH. 57 OF 86

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- NOTES:**
1. CHANGE INCANDESCENT BULBS TO LEDS.
 2. ADD GATE KEEPER.
 3. ADD NUMBER OF TRACKS SIGN.
 4. EXISTING HXP-3R2 IN SERVICE TO BE REPLACED WITH XP4.
 5. ALL EQUIPMENT TO BE RECABLED FROM NEW SIGNAL ENCLOSURE AS SHOWN.
 6. REPLACE CROSSBUCKS ON CANTILEVER.
 7. FINAL PLACEMENT OF EQUIPMENT WILL BE DICTATED BY SITE CONDITIONS.
 8. REFER TO SIDEWALK TYPICAL DRAWING TY001 FOR POTENTIAL SIDEWALK INSTALLATION ON NORTHSIDE OF CROSSING PENDING AGREEMENT BETWEEN FEC AND MUNICIPALITY.
- GREEN = IN RED = OUT

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SPECIFIED EQUIPMENT OR APPROVED EQUAL		CROSSING LAYOUT	
ALL ABOARD FLORIDA	REVISIONS	DR:	TS/PKC
	03-03-16/ATIS	DES:	ATIS/FSS
	03-14-16/ATIS	CHK:	ATIS/JMA
		APPR:	
		DATE:	01-27-16
		FLORIDA EAST COAST RAILWAY OFFICE OF THE CHIEF ENGINEER SIGNALS & COMMUNICATIONS HIGHWAY CROSSING WARNING DEVICES FELLSMERE ROAD M.P. 215+315 DOT#272162C	
			FILE
			DRAWING NO.
			SH. 58 OF 86

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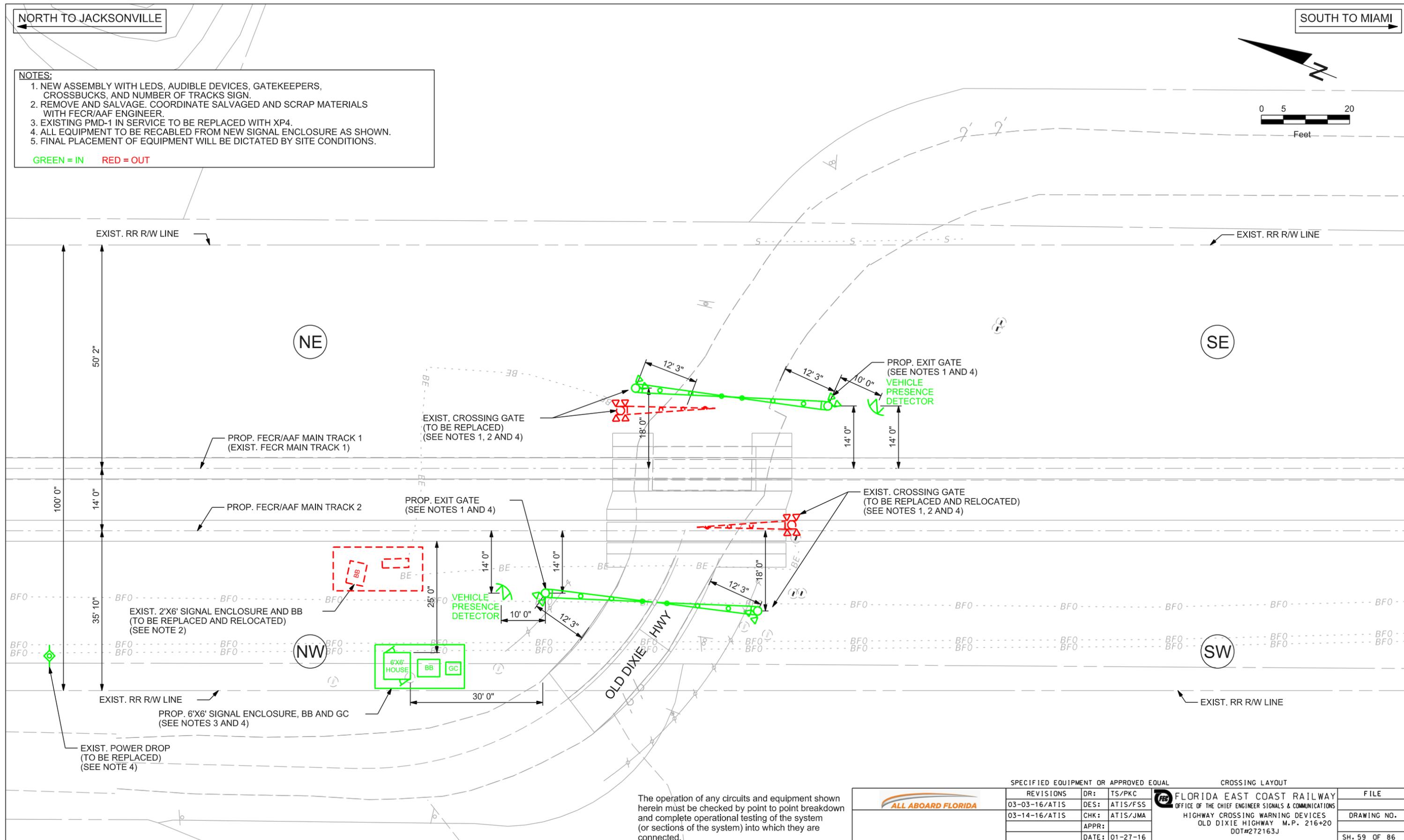
NORTH TO JACKSONVILLE

SOUTH TO MIAMI

NOTES:

1. NEW ASSEMBLY WITH LEDS, AUDIBLE DEVICES, GATEKEEPERS, CROSSBUCKS, AND NUMBER OF TRACKS SIGN.
2. REMOVE AND SALVAGE. COORDINATE SALVAGED AND SCRAP MATERIALS WITH FECR/AAF ENGINEER.
3. EXISTING PMD-1 IN SERVICE TO BE REPLACED WITH XP4.
4. ALL EQUIPMENT TO BE RECABLED FROM NEW SIGNAL ENCLOSURE AS SHOWN.
5. FINAL PLACEMENT OF EQUIPMENT WILL BE DICTATED BY SITE CONDITIONS.

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SPECIFIED EQUIPMENT OR APPROVED EQUAL		CROSSING LAYOUT		
REVISIONS	DR:	TS/PKC	FILE	
03-03-16/ATIS	DES:	ATIS/FSS	FLORIDA EAST COAST RAILWAY OFFICE OF THE CHIEF ENGINEER SIGNALS & COMMUNICATIONS HIGHWAY CROSSING WARNING DEVICES OLD DIXIE HIGHWAY M.P. 216+20 DOT#272163J	
03-14-16/ATIS	CHK:	ATIS/JMA		DRAWING NO.
	APPR:			SH. 59 OF 86
	DATE:	01-27-16		

3/16/2016

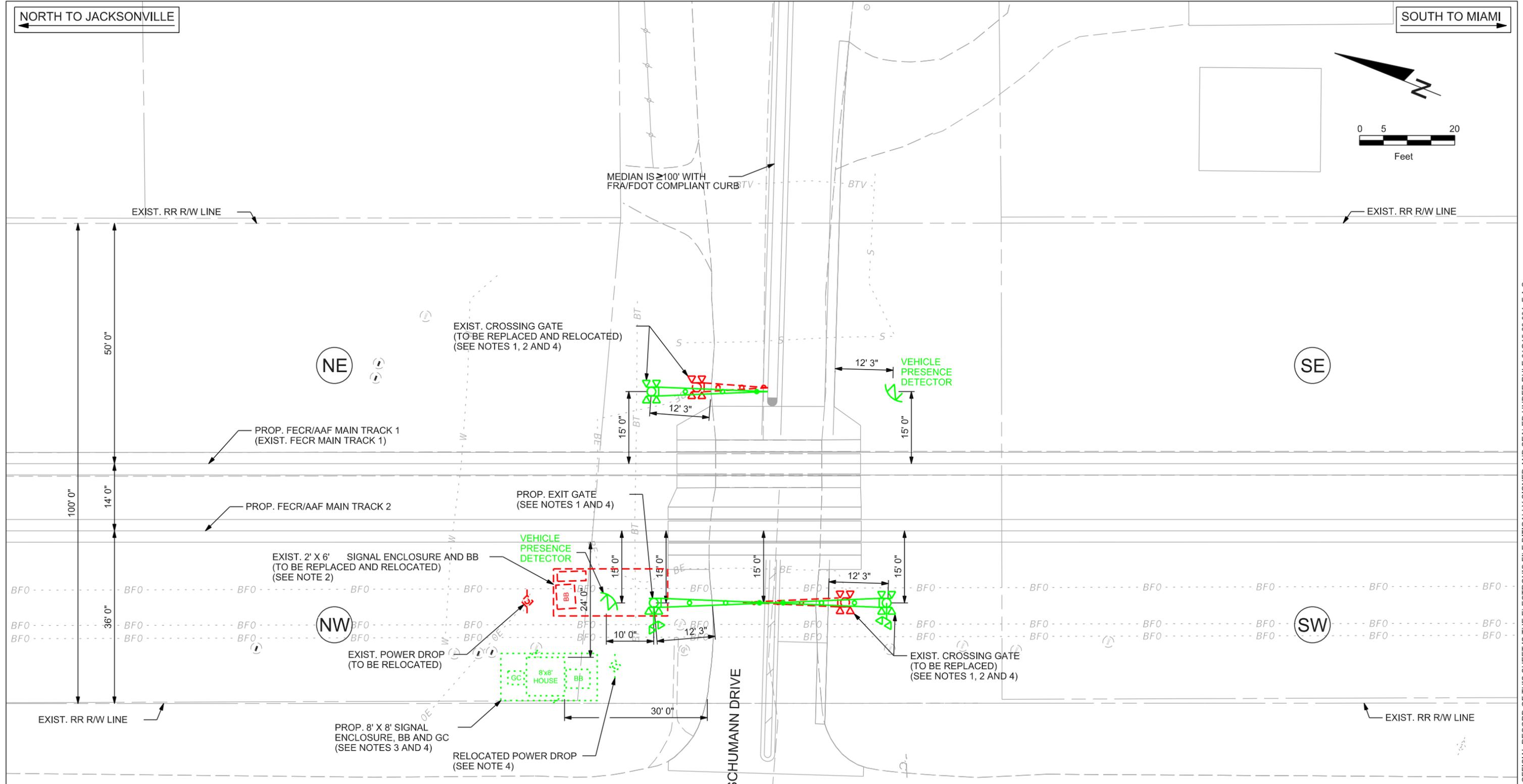
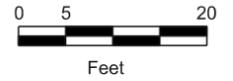
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M:\Data\Projects\All Aboard Florida\AAF D8\Crossing layouts\059planrd.dgn

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NORTH TO JACKSONVILLE

SOUTH TO MIAMI



- NOTES:**
1. NEW ASSEMBLY WITH LEDS, AUDIBLE DEVICES, GATEKEEPERS, CROSSBUCKS, AND NUMBER OF TRACKS SIGN.
 2. REMOVE AND SALVAGE. COORDINATE SALVAGED AND SCRAP MATERIALS WITH FECR/AAF ENGINEER.
 3. EXISTING PMD-1 IN SERVICE TO BE REPLACED WITH XP4.
 4. ALL EQUIPMENT TO BE RECABLED FROM NEW SIGNAL ENCLOSURE AS SHOWN.
 5. FINAL PLACEMENT OF EQUIPMENT WILL BE DICTATED BY SITE CONDITIONS.
- GREEN = IN RED = OUT

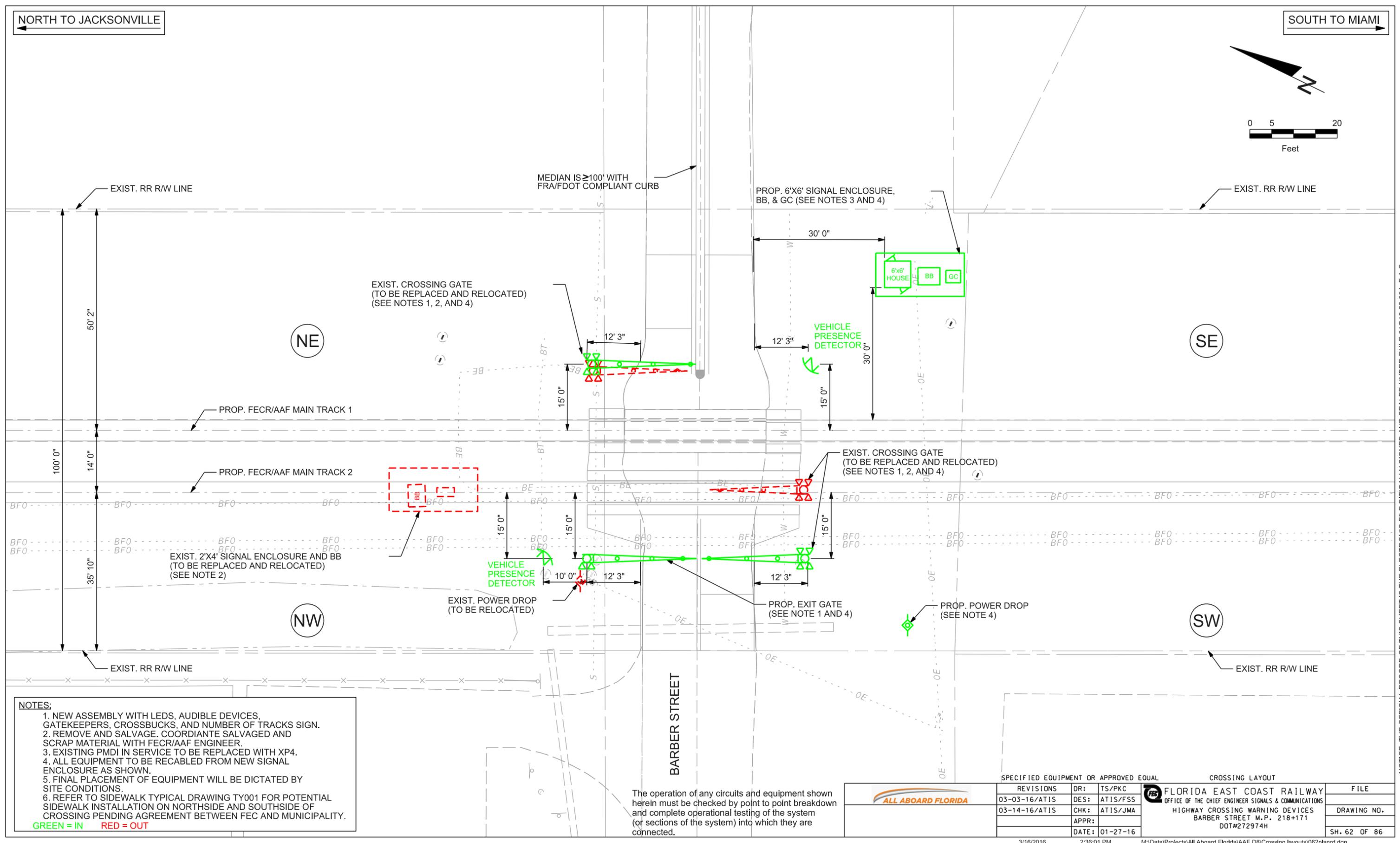
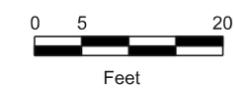
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SPECIFIED EQUIPMENT OR APPROVED EQUAL		CROSSING LAYOUT	
ALL ABOARD FLORIDA	REVISIONS	DR: TS/PKC	FILE
	03-03-16/ATIS	DES: ATIS/FSS	FLORIDA EAST COAST RAILWAY
	03-14-16/ATIS	CHK: ATIS/JMA	OFFICE OF THE CHIEF ENGINEER SIGNALS & COMMUNICATIONS
		APPR:	HIGHWAY CROSSING WARNING DEVICES
		DATE: 01-27-16	SCHUMANN DRIVE M.P. 216+3116
			DOT#272164R
			DRAWING NO.
			SH. 60 OF 86

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NORTH TO JACKSONVILLE

SOUTH TO MIAMI



NE

SE

NW

SW

- NOTES:**
1. NEW ASSEMBLY WITH LEDS, AUDIBLE DEVICES, GATEKEEPERS, CROSSBUCKS, AND NUMBER OF TRACKS SIGN.
 2. REMOVE AND SALVAGE. COORDIANTE SALVAGED AND SCRAP MATERIAL WITH FECR/AAF ENGINEER.
 3. EXISTING PMDI IN SERVICE TO BE REPLACED WITH XP4.
 4. ALL EQUIPMENT TO BE RECABLED FROM NEW SIGNAL ENCLOSURE AS SHOWN.
 5. FINAL PLACEMENT OF EQUIPMENT WILL BE DICTATED BY SITE CONDITIONS.
 6. REFER TO SIDEWALK TYPICAL DRAWING TY001 FOR POTENTIAL SIDEWALK INSTALLATION ON NORTHSIDE AND SOUTHSIDE OF CROSSING PENDING AGREEMENT BETWEEN FEC AND MUNICIPALITY.
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	SPECIFIED EQUIPMENT OR APPROVED EQUAL		CROSSING LAYOUT		FILE
	REVISIONS	DR:	TS/PKC	FLORIDA EAST COAST RAILWAY OFFICE OF THE CHIEF ENGINEER SIGNALS & COMMUNICATIONS HIGHWAY CROSSING WARNING DEVICES BARBER STREET M.P. 218+171 DOT#272974H	DRAWING NO.
	03-03-16/ATIS	DES:	ATIS/FSS		
	03-14-16/ATIS	CHK:	ATIS/JMA		
	APPR:				
	DATE:	01-27-16			SH. 62 OF 86

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ALL ABOARD FLORIDA

COMPONENTS OF D08 PLAN SET

- VOLUME 1
TRACK CONSTRUCTION PLANS
- VOLUME 2
TRACK GRADING CROSS SECTIONS
- VOLUME 3
ROADWAY DESIGN PLANS/TRAFFIC CONTROL THROUGH WORK ZONE
- VOLUME 4
SIGNING AND PAVEMENT MARKING PLANS
- VOLUME 5
ROADWAY SIGNALIZATION PLANS
- VOLUME 6
CROSSING LAYOUT PLANS
- VOLUME 7
UTILITY PLANS
- VOLUME 8
MISCELLANEOUS STRUCTURE PLANS
- VOLUME 9
PRELIMINARY FIBER OPTIC PLANS
- VOLUME 10
PRELIMINARY WAYSIDE SIGNAL PLANS

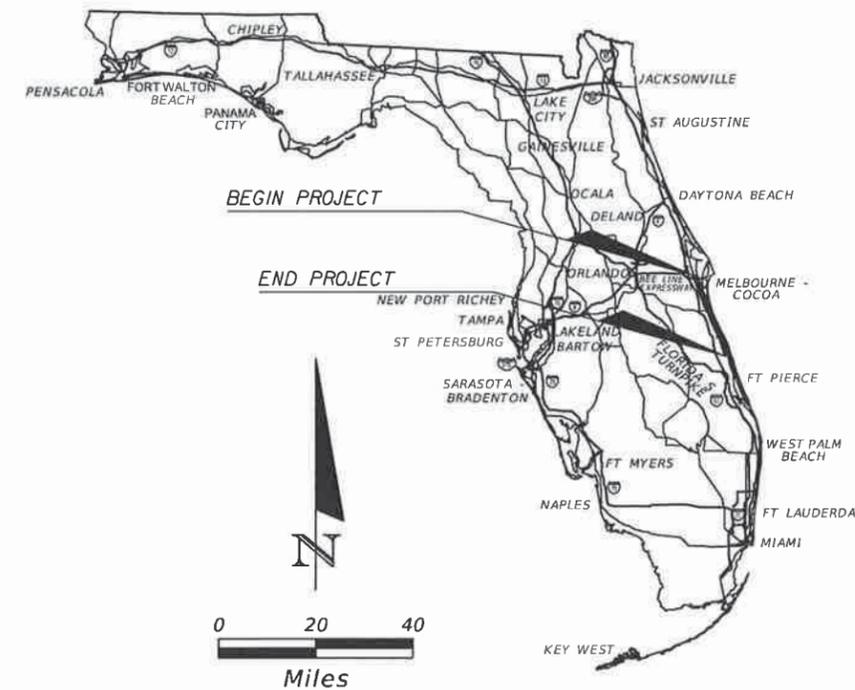
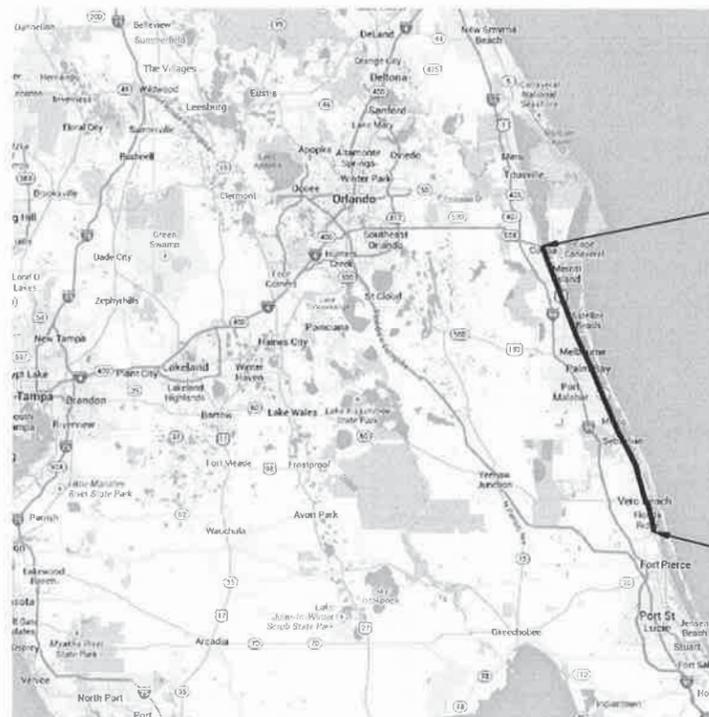
REVISIONS:
REVISION NO. SHEETS EDITED

This PDF file includes construction plans for grade crossings within the limits of Sebastian

ALL ABOARD FLORIDA

CONTRACT D08 PLANS

POTENTIAL UTILITY CONFLICT LOCATION PLANS FOR D08 FECR MP 169.6 TO 233.4



BEGIN PROJECT
MP 169.76
STA. 8960+97.41
CONSTRUCTION BASELINE=
STA. 205+72.09
PROP. FECR/AAF MAIN TRACK 1

NOTE: FOR STATION EQUATIONS
SEE SHEET CTLS2

END PROJECT
MP 233.4
STA. 12324+75.81
CONSTRUCTION BASELINE=
STA. 3555+42.91
PROP. FECR/AAF MAIN TRACK 1=
STA. 3515+42.50
PROP. FECR/AAF MAIN TRACK 2

PROJECT LENGTH IS BASED ON Q OF CONSTRUCTION

LENGTH OF PROJECT		
	LINEAR FEET	MILES
RAILWAY	334,970.82	63.44
BRIDGES - NOT IN CONTRACT	3751.50	
NET LENGTH OF PROJECT	331,219.32	62.73
EXCEPTIONS		
GROSS LENGTH OF PROJECT	334,970.82	63.44

PLANS PREPARED BY:



4500 SALISBURY ROAD, SUITE 440
JACKSONVILLE, FL. 32216
CA# 7503
PHONE: (904) 245-6500
FAX: (904) 245-6510

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

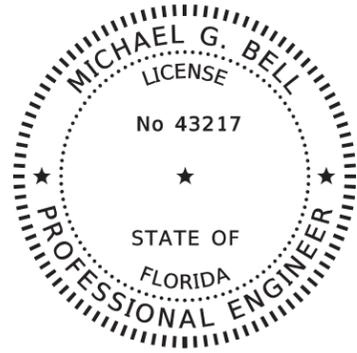
VOLUME 7

ENGINEER OF RECORD:
MICHAEL G. BELL, P.E.

P.E. NO: 43217



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



THIS DOCUMENT HAS BEEN DIGITALLY
SIGNED AND SEALED BY:

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

TRANSYSTEMS CORPORATION CONSULTANTS
4500 SALISBURY ROAD, SUITE 440
JACKSONVILLE, FLORIDA 32216
CERTIFICATE OF AUTHORIZATION NO. 7503
MICHAEL G. BELL, PE NO. 43217

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

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

REVISIONS				 <small>4500 SALISBURY ROAD, SUITE 440 JACKSONVILLE, FL. 32216 CA# 7503 PHONE: (904) 245-6500 FAX: (904) 245-6510</small>				<p style="text-align: center;"><i>SIGNATURE SHEET</i></p>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		AAF CONTRACT	SECTION	COUNTY		1A
				ENGINEER OF RECORD: MICHAEL G. BELL PE: 43217	FECR	D08	BREVARD INDIAN RIVER		

INDEX OF DRAWINGS

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>	<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>	<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>	<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
1	COVER SHEET	43	UTILITY PLAN STA. 550-553	85	PORT MALABAR BLVD	127	UTILITY PLAN STA. 3260-3264
1A	SIGNATURE SHEET	44	GUS HIP	86	UTILITY PLAN STA. 1726-1729	128	17TH ST.
2	INDEX OF DRAWINGS	45	UTILITY PLAN STA. 614-617	87	MALABAR RD.	129	12TH ST.
3	GENERAL NOTES	46	UTILITY PLAN STA. 623-627	88	JORDAN BLVD	130	GLENDALE ST.
4	UTILITY AGENCY OWNERS CONTACT LIST	47	BARNES BLVD	89	VALKARIA RD.	131	4TH ST.
5	UTILITY CONFLICT MATRIX - SHEET 1 OF 16	48	CARVER RD.	90	1ST ST.	132	1ST ST.
6	UTILITY CONFLICT MATRIX - SHEET 2 OF 16	49	ANSIN RD.	91	SHELL PIT RD.	133	UTILITY PLAN STA. 3418-3421
7	UTILITY CONFLICT MATRIX - SHEET 3 OF 16	50	UTILITY PLAN STA. 746-749	92	SENNE RD.	134	OSLO RD.
8	UTILITY CONFLICT MATRIX - SHEET 4 OF 16	51	VIERA BLVD	93	UTILITY PLAN STA. 2232-2234	135	HIGHLAND DR.
9	UTILITY CONFLICT MATRIX - SHEET 5 OF 16	52	UTILITY PLAN STA. 768-771	94	BAREFOOT BLVD		
10	UTILITY CONFLICT MATRIX - SHEET 6 OF 16	53	UTILITY PLAN 872-874	95	MICCO RD.		
11	UTILITY CONFLICT MATRIX - SHEET 7 OF 16	54	SUNTREE BLVD	96	HOLLY ST.		
12	UTILITY CONFLICT MATRIX - SHEET 8 OF 16	55	PINEDA CAUSEWAY	97	ROSELAND RD.		
13	UTILITY CONFLICT MATRIX - SHEET 9 OF 16	56	UTILITY PLAN STA. 1038-1041	98	MAIN ST.		
14	UTILITY CONFLICT MATRIX - SHEET 10 OF 16	57	POST ROAD	99	SEBASTIAN BLVD		
15	UTILITY CONFLICT MATRIX - SHEET 11 OF 16	58	POST PARKWAY DR.	100	UTILITY PLAN STA. 2582 - 2585		
16	UTILITY CONFLICT MATRIX - SHEET 12 OF 16	59	UTILITY PLAN STA. 1186-1189	101	FELLSMERE RD.		
17	UTILITY CONFLICT MATRIX - SHEET 13 OF 16	60	LAKE WASHINGTON RD.	102	OLD DIXIE HIGHWAY		
18	UTILITY CONFLICT MATRIX - SHEET 14 OF 16	61	MASTERSON ST.	103	SCHUMANN RD.		
19	UTILITY CONFLICT MATRIX - SHEET 15 OF 16	62	AURORA RD.	104	99TH ST.		
20	UTILITY CONFLICT MATRIX - SHEET 16 OF 16	63	CREEL ST.	105	BARBER ST.		
21	UTILITY OVERHEAD CONFLICTS - SHEET 1 OF 1	64	EAU GALLIE BLVD	106	85TH ST.		
22	UTILITY PLAN STA. 211-214	65	SARNO RD.	107	77TH ST.		
23	MICHIGAN AVE	66	UTILITY PLAN STA. 1356-1359	108	69TH ST.		
24	UTILITY PLAN STA. 285-288	67	UTILITY PLAN STA. 1386-1389	109	65TH ST.		
25	DIXON BLVD	68	S. BABCOCK ST.	110	HAWKS NEST RD.		
26	UTILITY PLAN STA. 314-317	69	E. NASA BLVD	111	UTILITY PLAN STA. 3025-3028		
27	HIGHLAND DR.	70	E. HIBISCUS BLVD	112	53RD ST.		
28	UTILITY PLAN STA. 357-360	71	SILVER PALM AVE.	113	UTILITY PLAN STA. 3062-3065		
29	UTILITY PLAN STA. 359-362	72	SEMINOLE AVE.	114	49TH ST.		
30	UTILITY PLAN STA. 368-371	73	FEE AVE.	115	45TH ST.		
31	PEACHTREE ST.	74	LINCOLN AVE. & PALMENTTO AVE	116	43RD ST.		
32	KING ST.	75	STRAWBRIDGE AVE.	117	41ST ST.		
33	UTILITY PLAN STA. 385-388	76	NEW HAVEN AVE.	118	UTILITY PLAN STA. 3172-3174		
34	ROSA L. JONES BLVD	77	UTILITY PLAN STA. 1491-1494	119	32ND ST.		
35	BARTON AVE.	78	PROSPECT AVE.	120	UTILITY PLAN STA. 3205-3208		
36	UTILITY PLAN STA. 482-485	79	LINE ST.	121	26TH ST.		
37	UTILITY PLAN 494-497	80	JERNIGAN AVE.	122	14TH AVE.		
38	UTILITY PLAN 504-507	81	UNIVERSITY BLVD	123	23RD ST.		
39	EYSTER BLVD	82	UTILITY PLAN STA. 1587-1590	124	21ST ST.		
40	UTILITY PLAN STA. 510-513	83	HESSEY AVE.	125	20TH ST.		
41	UTILITY PLAN STA. 527-530	84	PALM BAY RD.	126	19TH ST.		
42	RINKER WAY						

DATE		DESCRIPTION		REVISIONS		DATE		DESCRIPTION		 <small>4500 SALISBURY ROAD, SUITE 440 JACKSONVILLE, FL. 32216 CA# 7503 PHONE: (904) 245-6500 FAX: (904) 245-6510</small>		AA# CONTRACT		SECTION	COUNTY	<p align="center">UTILITY</p> <p align="center">INDEX OF DRAWINGS</p>	SHEET NO.
												FE#	D08	BREVARD INDIAN RIVER	2		

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

GENERAL NOTES:

1. THESE PLANS INDICATE POTENTIAL HORIZONTAL CONFLICT LOCATIONS ONLY. VERTICAL DEPTH OF UTILITIES SHALL BE DETERMINED BY THE CONTRACTOR. ALL FINAL DESIGN AND CONSTRUCTION SHALL BE RECORDED AND ANY ADJUSTMENTS IDENTIFIED ON RECORD DOCUMENTS.
2. THE WORK SHALL CONSIST OF FURNISHING ALL MATERIAL, LABOR, AND EQUIPMENT AND PERFORMING ALL OPERATIONS REQUIRED FOR THE TEST PIT / POT HOLE EFFORTS. ALL WORK TO BE COMPLETED AT THE LOCATIONS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
3. ALL CONSTRUCTION SHALL FOLLOW THE REQUIREMENTS OF FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT), FLORIDA EAST COAST RAILWAY (FECR) AND ALL APPROPRIATE STATE, LOCAL AND NATIONAL CODES. WHERE CONFLICT EXIST BETWEEN FECR GUIDELINES AND OTHER CODES, THE STRICTER INTERPRETATION SHALL TAKE PRECEDENCE UNLESS OTHERWISE APPROVED BY FECR.
4. ALL WORK AND MATERIALS UTILIZED AND INSTALLED ARE TO BE IN ACCORDANCE WITH THE APPLICABLE TECHNICAL SPECIFICATIONS.
5. THE LOCATIONS OF THE TEST PITS/POT HOLES SHOWN ON THE PLANS ARE LOCATED BY INFORMATION PROVIDED BUY SURVEY AND PAST RECORD DOCUMENTS AND MAY BE FIELD ADJUSTED AS NECESSARY. ALL WORK SHALL BE PERFORMED WITHIN THE RIGHT-OF-WAY ANY DEVIATION FROM THE PLANS SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE.
6. THE CONTRACTOR SHALL COORDINATE WITH AGENCIES AND MUNICIPALITIES WITHIN THE AREA OF WORK PRIOR TO BEGINNING WORK, WHICH INCLUDES LANDSCAPING AND/OR BEAUTIFICATION IMPROVEMENTS.
7. THE CONTRACTOR SHALL COORDINATE WORK WHICH POTENTIALLY AFFECTS THE ADJACENT PROPERTY OWNERS. ANY QUESTIONS OR AGREEMENTS BETWEEN THE ADJACENT PROPERTY OWNERS AND THE CONTRACTOR SHALL BE MADE IN WRITING.
8. THE CONTRACTOR SHALL LOCATE AND IDENTIFY BURIED UTILITIES AND OTHER POTENTIAL OBSTRUCTIONS. CALL SUNSHINE ONE-CALL 811. VERIFIED VERTICAL AND HORIZONTAL DATA SHALL BE OBTAINED WHERE DEEMED NECESSARY. EXISTING RAILROAD OWNED UTILITIES SHALL BE MARKED BY THE RAILROAD THROUGH THE CONTRACTORS COORDINATION.
9. ALL MATERIAL ASSOCIATED WITH THE TEST PIT/POTHOLING WORK SHALL MEET THE REQUIREMENTS OF "BUY AMERICA".
10. ALL IMPACTED AREAS AND WORK CORRIDOR SHALL BE RESTORED TO ORIGINAL AND PRE-WORK CONDITIONS.
11. EXISTING COMMERCIAL SIGNS, OVERHEAD STRUCTURES AND UTILITIES SHALL NOT BE DISTURBED. POSSIBLE CONFLICTS SHOULD BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.
12. DURING ALL PHASES OF THE CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL AVOID DISTURBING EXISTING LANDSCAPE AND IRRIGATION SYSTEMS, AND PROTECT ALL TREES AS NECESSARY. IF DAMAGED DURING THE CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL COORDINATE WITH AGENCIES AND MUNICIPALITIES AND REPLACE AND/OR REPAIR THE DAMAGED ITEMS AT NO COST TO THE OWNER.
13. WHEN ENCOUNTERING SPECIAL PAVERS THAT WILL HAVE TO BE REMOVED, RELOCATED OR REPLACED, THE CONTRACTOR SHALL COORDINATE WITH THE OWNING MUNICIPALITY FOR SPECIAL REQUIREMENTS USED SPECIFICALLY FOR THAT KIND OF WORK.
14. IF, IN THE COURSE OF CONSTRUCTION, IT MAY BE NECESSARY TO BLOCK A DITCH, PIPE, OR OTHER DRAINAGE FACILITY, TEMPORARY PIPES, DITCHES, OR OTHER DRAINAGE FACILITIES SHALL BE INSTALLED TO MAINTAIN ADEQUATE DRAINAGE, AS APPROVED BY CSXT.

ABBREVIATIONS AND LEGEND

- | | |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| EXIST. | =EXISTING |
| PROP. | =PROPOSED |
| TYP. | =TYPICAL |
| FECR | =FLORIDA EAST COAST RAILROAD |
| MP | =MILE POST |
| STA | =STATION |
| R/W | =RAIGHT-OF-WAY |
| ELEV OR EL | =ELEVATION |
| MIN. | =MINIMUM |
|  | =PROPOSED DUCT BANK A&B ROUTE |
|  | =PROPOSED BORE CASING ROUTE |
| G | =EXISTING GAS LINE |
| NPW | =EXISTING NON-POTABLE WATER |
| S | =EXISTING SEWER LINE |
| W | =EXISTING WATER LINE |
| OE | =EXISTING OVERHEAD ELECTRIC |
| BE | =EXISTING BURIED ELECTRIC |
| BFO | =EXISTING BURIED FIBER OPTIC |
| BT | =EXISTING BURIED TELEPHONE |
|  | =POT HOLE / TEST PIT AREA |
| HH-XXA
HH-XXB | =HAND HOLE / PULL BOX ONE FOR DUCT BANK A AND ONE FOR DUCT BANK B |
|  | |
|  | =4'X8'X6' MAN HOLE WITH CABLE RACK AND HOOK SUPPORTS. |
|  | =SIGNAL LOCATION |
|  | =DITCH WITH FLOW INDICATION |

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

REVISIONS		 <small>4500 SALISBURY ROAD, SUITE 440 JACKSONVILLE, FL. 32216 CA# 7503 PHONE: (904) 245-6500 FAX: (904) 245-6510</small>			<p align="center">UTILITY</p> <p align="center">GENERAL NOTES</p>	SHEET NO. 3
DATE	DESCRIPTION		AAFC CONTRACT	SECTION		
		ENGINEER OF RECORD: MICHAEL G. BELL PE: 43217	FECR	D08	BREVARD INDIAN RIVER	

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REVISIONS				 <small>4500 SALISBURY ROAD, SUITE 440 JACKSONVILLE, FL. 32216 CA# 7503 PHONE: (904) 245-6500 FAX: (904) 245-6510</small>				<p style="text-align: center;">UTILITY AGENCIES CONTACTS</p>	SHEET NO. 4
DATE	DESCRIPTION	DATE	DESCRIPTION		AA# CONTRACT	SECTION	COUNTY		
				ENGINEER OF RECORD: MICHAEL G. BELL PE: 43217	FECR	D08	BREVARD INDIAN RIVER		

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POTENTIAL UTILITY CONFLICTS								
Sheet #	Reference #	Utility	Stationing	Offset	MP	Feet	Line Street	UAO
97	319	BFO	2455+98.52	RT 30.5'	212	3048.7	Roseland Road	Level 3/Qwest/Verizon/AT&T/Allied
	320	BFO	2455+98.29	RT 32.7'	212	3048.7	Roseland Road	Level 3/Qwest/Verizon/AT&T/Allied
	321	S	2455+91.07	RT 33.5'	212	3048.7	Roseland Road	Indian River County Utilities
	322	BFO	2456+12.77	RT 30.5'	212	3067.74	Roseland Road	Level 3/Qwest/Verizon/AT&T/Allied
	323	BFO	2456+14.08	RT 32.8'	212	3067.74	Roseland Road	Level 3/Qwest/Verizon/AT&T/Allied
98	324	S	2553+53.67	RT 28.5'	214	2975.61	Main Street	Indian River County Utilities
	325	BFO	2553+51.43	RT 35.1'	214	2975.61	Main Street	Level 3/Qwest/Verizon/AT&T/Allied
	326	S	2553+69.69	LT 23.3'	214	2988.06	Main Street	Indian River County Utilities
	327	BT	2554+04.75	RT 28.9'	214	3029.39	Main Street	BellSouth dba AT&T - Existing List
	328	W	2554+08.64	RT 29.8'	214	3029.39	Main Street	Indian River County Utilities
	329	BFO	2554+09.71	RT 35.0'	214	3029.39	Main Street	Level 3/Qwest/Verizon/AT&T/Allied
99	330	BFO	2574+93.96	RT 30.3'	214	5115.12	CR 512, Sebastian Boulevard	Level 3/Qwest/Verizon/AT&T/Allied
	331	BFO	2574+94.01	RT 32.8'	214	5115.12	CR 512, Sebastian Boulevard	Level 3/Qwest/Verizon/AT&T/Allied
	332	S	2575+54.57	LT 50.0'	214	5196.07	CR 512, Sebastian Boulevard	Indian River County Utilities
100	333	S	2583+79.42	LT 45.5'	214	5208.26		Indian River County Utilities
101	334	BFO	2587+29.85	RT 28.6'	215	278.35	Fellsmere Road (CR 512 EB)	Level 3/Qwest/Verizon/AT&T/Allied
	335	BFO	2587+29.94	RT 30.5'	215	278.35	Fellsmere Road (CR 512 EB)	Level 3/Qwest/Verizon/AT&T/Allied
	336	BFO	2587+28.87	RT 31.2'	215	278.35	Fellsmere Road (CR 512 EB)	Level 3/Qwest/Verizon/AT&T/Allied
	337	BT	2587+84.49	RT 42.0'	215	336.59	Fellsmere Road (CR 512 EB)	BellSouth dba AT&T - Existing List
	338	BFO	2587+87.27	RT 29.0'	215	336.59	Fellsmere Road (CR 512 EB)	Level 3/Qwest/Verizon/AT&T/Allied
	339	BFO	2587+86.50	RT 27.1'	215	336.59	Fellsmere Road (CR 512 EB)	Level 3/Qwest/Verizon/AT&T/Allied
	340	BT	2587+83.65	RT 30.9'	215	336.59	Fellsmere Road (CR 512 EB)	BellSouth dba AT&T - Existing List
	341	W	2588+10.1	LT 42.7'	215	357.45		Indian River County Utilities
	342	S	2588+57.2'	LT 42.1'	215	405.36		Indian River County Utilities
102	343	BE	2637+10.33	RT 22.1'	215	5262.76	Old Dixie Highway	Florida Dept of Transportation
	344	BFO	2637+12.15	RT 29.9'	215	5262.76	Old Dixie Highway	Level 3/Qwest/Verizon/AT&T/Allied
	345	BFO	2637+62.99	RT 30.3'	216	47.31	Old Dixie Highway	Level 3/Qwest/Verizon/AT&T/Allied
	346	BFO	2637+66.94	RT 38.8'	216	47.31	Old Dixie Highway	Level 3/Qwest/Verizon/AT&T/Allied
103	347	BT	2667+50.69	LT 15.4'	216	3037.45	Schumann Road	Comcast fna TCI of FL / AT&T Broadband
	348	BE	2667+53.61	RT 24.3'	216	3037.45	Schumann Road	Florida Dept of Transportation
	349	BFO	2667+54.26	RT 26.0'	216	3037.45	Schumann Road	Level 3/Qwest/Verizon/AT&T/Allied
	350	BT	2667+50.43	RT 27.4'	216	3037.45	Schumann Road	Comcast fna TCI of FL / AT&T Broadband
	351	BFO	2667+54.28	RT 33.5'	216	3037.45	Schumann Road	Level 3/Qwest/Verizon/AT&T/Allied
	352	BFO	2667+54.38	RT 36.1'	216	3037.45	Schumann Road	Level 3/Qwest/Verizon/AT&T/Allied
	353	BFO	2668+02.73	RT 25.8'	216	3086.17	Schumann Road	Level 3/Qwest/Verizon/AT&T/Allied
	354	BFO	2668+02.79	RT 33.4'	216	3086.17	Schumann Road	Level 3/Qwest/Verizon/AT&T/Allied
	355	BFO	2668+02.97	RT 36.0'	216	3086.17	Schumann Road	Level 3/Qwest/Verizon/AT&T/Allied

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
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ENGINEER OF RECORD: MICHAEL G. BELL
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ALL ABOARD FLORIDA

AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

**UTILITY
 CONFLICT MATRIX
 SHEET 10 OF 16**

SHEET NO.
14

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

POTENTIAL UTILITY CONFLICTS								
Sheet #	Reference #	Utility	Stationing	Offset	MP	Feet	Line Street	UAO
104	356	BE	2721+90.25	RT 32.0'	217	3213.62	99th Street	Florida Dept of Transportation
	357	BFO	2721+93.34	RT 32.0'	217	3213.62	99th Street	Level 3/Qwest/Verizon/AT&T/Allied
	358	BT	2721+99.99	RT 32.7'	217	3213.62	99th Street	BellSouth dba AT&T - Existing List
	359	W	2722+40.19	RT 33.7'	217	3261.55	99th Street	Indian River County Utilities
	360	BFO	2722+42.13	RT 32.3'	217	3261.55	99th Street	Level 3/Qwest/Verizon/AT&T/Allied
	361	BFO	2722+45.09	RT 39.2'	217	3261.55	99th Street	Level 3/Qwest/Verizon/AT&T/Allied
	362	BFO	2722+45.14	RT 40.8'	217	3261.55	99th Street	Level 3/Qwest/Verizon/AT&T/Allied
	363	W	2722+61.14	LT 19.8'	217	3284.85	99th Street	Indian River County Utilities
	364	BT	2722+21.82	LT 14.3'	217	3233.1	99th Street	BellSouth dba AT&T - Existing List
105	365	BFO	2745+63.44	RT 24.4'	218	244.85	Barber Street	Level 3/Qwest/Verizon/AT&T/Allied
	366	BFO	2745+63.51	RT 26.3'	218	244.85	Barber Street	Level 3/Qwest/Verizon/AT&T/Allied
	367	S	2745+65.96	RT 28.3'	218	244.85	Barber Street	Indian River County Utilities
	368	S	2745+66.28	LT 15.1'	218	244.85	Barber Street	Indian River County Utilities
	369	W	2746+10.57	LT 15.8'	218	294.72	Barber Street	Indian River County Utilities
	370	BFO	2746+13.50	RT 24.0'	218	294.72	Barber Street	Level 3/Qwest/Verizon/AT&T/Allied
	371	BFO	2746+13.18	RT 25.9'	218	294.72	Barber Street	Level 3/Qwest/Verizon/AT&T/Allied
	372	W	2746+09.21	RT 28.2'	218	294.72	Barber Street	Indian River County Utilities
106	373	BFO	2826+00.62	RT 22.1'	219	3054.92	85th Street (Wabasso Rd)	Level 3/Qwest/Verizon/AT&T/Allied
	374	BFO	2826+01.51	RT 23.6'	219	3054.92	85th Street (Wabasso Rd)	Level 3/Qwest/Verizon/AT&T/Allied
	375	BE	2825+98.52	RT 26.8'	219	3054.92	85th Street (Wabasso Rd)	Florida Dept of Transportation
	376	BT	2826+01.53	RT 27.0'	219	3054.92	85th Street (Wabasso Rd)	BellSouth dba AT&T - Existing List
	377	BE	2826+21.30	LT 25.5'	219	3075.1	85th Street (Wabasso Rd)	Florida Dept of Transportation
	378	BT	2826+24.46	LT 23.2'	219	3075.1	85th Street (Wabasso Rd)	BellSouth dba AT&T - Existing List
	379	W	2826+49.41	RT 26.9'	219	3112.06	85th Street (Wabasso Rd)	Indian River County Utilities
	107	380	BFO	2885+31.62	RT 22.3'	220	3651.69	77th Street (Hobart Road)
381		BFO	2885+41.42	RT 24.0'	220	3651.69	77th Street (Hobart Road)	Level 3/Qwest/Verizon/AT&T/Allied
382		G	2885+32.16	RT 25.1'	220	3651.69	77th Street (Hobart Road)	City Gas Company of Florida/NUI
383		BT	2885+35.28	RT 25.5'	220	3651.69	77th Street (Hobart Road)	BellSouth dba AT&T - Existing List
384		G	2885+47.58	LT 17.8'	220	3661.19	77th Street (Hobart Road)	City Gas Company of Florida/NUI
385		BT	2885+48.98	LT 13.3'	220	3661.19	77th Street (Hobart Road)	BellSouth dba AT&T - Existing List
386		W	2886+05.38	LT 13.4'	220	3717.43	77th Street (Hobart Road)	Indian River County Utilities
387		S	2886+07.02	LT 8.9'	220	3717.43	77th Street (Hobart Road)	Indian River County Utilities
388		W	2885+82.90	RT 33.3'	220	3697.71	77th Street (Hobart Road)	Indian River County Utilities
389		S	2885+85.31	RT 35.1'	220	3697.71	77th Street (Hobart Road)	Indian River County Utilities

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6500

ENGINEER OF RECORD: MICHAEL G. BELL
 PE: 43217

ALL ABOARD FLORIDA

AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

**UTILITY
CONFLICT MATRIX
SHEET 11 OF 16**

SHEET NO.
15

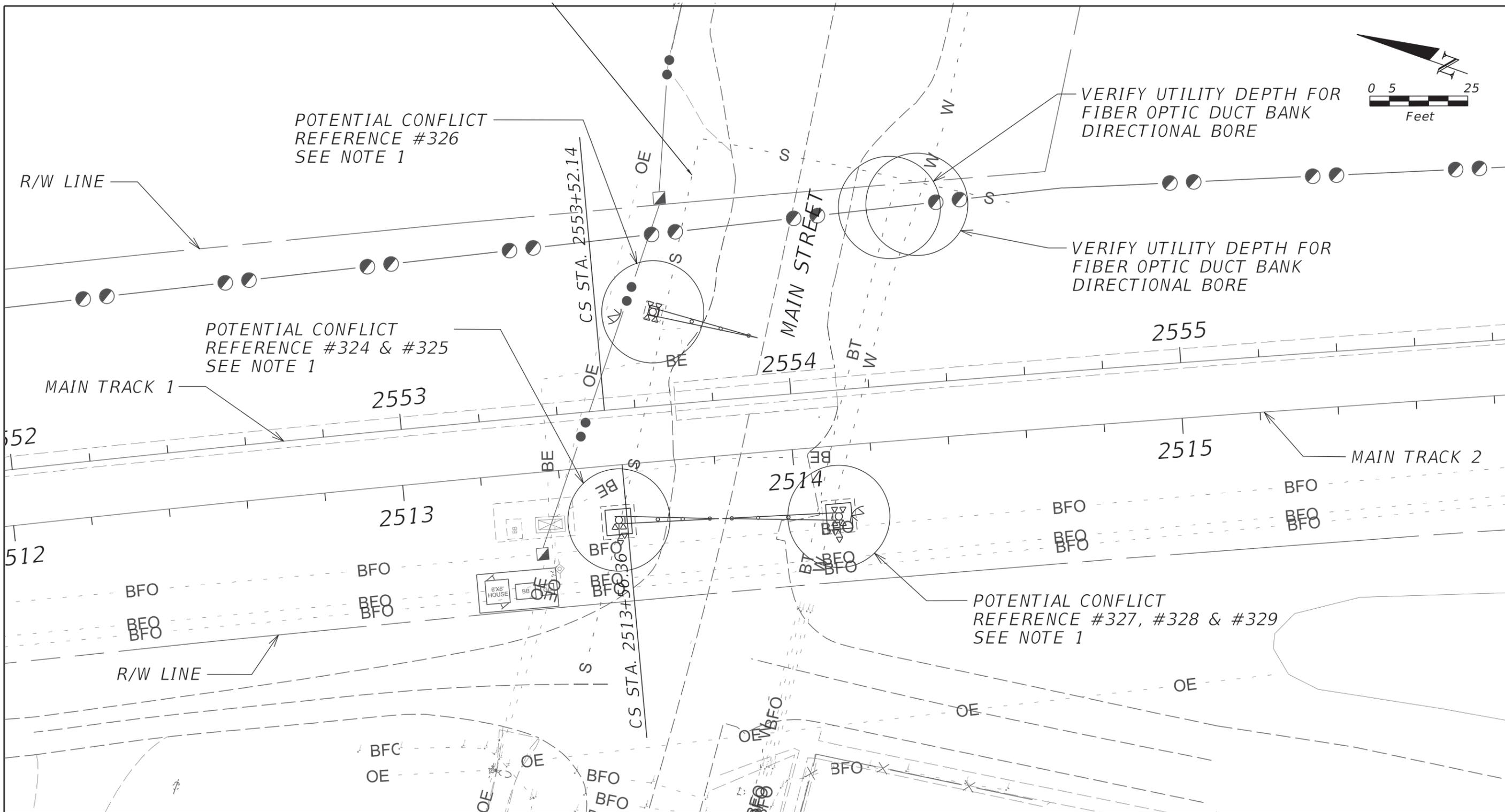
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

OVERHEAD ELECTRIC UTILITY CONFLICTS				
Sheet #	Reference #	Stationing	Offset	Line Street
25	OH-1	298+16.82	LT 38.2'	Dixon Blvd.
31	OH-2	373+80.86	LT 16.7'	Peachtree Street
31	OH-3	373+69.72	RT 29.9'	Peachtree Street
31	OH-4	374+09.79	LT 15.1'	Peachtree Street
31	OH-5	373+98.03	RT 31.7'	Peachtree Street
34	OH-6	401+36.28	LT 34.3'	Rosa L. Jones Blvd
34	OH-7	401+13.43	RT 28.6'	Rosa L. Jones Blvd
34	OH-8	401+10.49	RT 34.0'	Rosa L. Jones Blvd
34	OH-9	401+65.02	RT 35.6'	Rosa L. Jones Blvd
34	OH-10	401+81.39	LT 28.0'	Rosa L. Jones Blvd
42	OH-16	535+67.54	LT 15.7'	Rinker Way
48	OH-17	696+42.75	RT 32.6'	Carver Road
48	OH-18	696+64.04	LT 15.9'	Carver Road
54	OH-19	882+32.94	RT 28.8'	Suntree Blvd.
58	OH-20	1161+86.58	RT 46.4'	Parkway Dr.
58	OH-21	1161+87.28	RT 51.7'	Parkway Dr.
62	OH-22	1253+12.89	RT 37.0'	Aurora Rd.
62	OH-22A	1252+91.20	LT 15.5'	Aurora Rd.
63	OH-23	1266+23.07	LT 19.9'	Creel Street
63	OH-24	1266+45.04	RT 31.7'	Creel Street
65	OH-25	1299+73.42	RT 28.7'	Sarno Rd.
68	OH-26	1389+56.43	RT 37.6'	Babcock St.
70	OH-27	1461+37.66	RT 32.6'	Hibiscus Blvd.
70	OH-28	1461+42.45	RT 37.1'	Hibiscus Blvd.
71	OH-29	1465+38.21	RT 36.3'	Silver Palm Ave.
71	OH-30	1465+60.63	LT 12.8'	Silver Palm Ave.
74	OH-31	1480+94.92	LT 13.2'	Lincoln Ave.
79	OH-32	1514+93.86	LT 15.0'	Line Street

OVERHEAD ELECTRIC UTILITY CONFLICTS				
Sheet #	Reference #	Stationing	Offset	Line Street
81	OH-33	1545+22.97	RT 57.7'	University Blvd.
81	OH-34	1657+11.75	RT 29.2'	Palm Bay Rd.
87	OH-35	1787+87.52	RT 30.8'	Malabar Rd.
89	OH-36	1950+21.24	RT 35.8'	Valkaria Rd.
90	OH-37	2087+24.08	RT 28.9'	1st Street
90	OH-38	2087+83.23	LT 15.0'	1st Street
90	OH-39	2087+69.06	RT 41.0'	1st Street
91	OH-40	2167+56.47	RT 30.9'	Shell Pit Rd.
92	OH-41	2220+88.04	LT 24.8'	Senne Rd.
96	OH-42	2405+15.93	RT 25.4'	Holy St.
97	OH-43	2456+17.43	RT 36.7'	Roseland Rd.
104	OH-44	2722+01.40	RT 29.6'	99th Street
104	OH-45	2722+23.62	LT 18.2'	99th Street
107	OH-46	2885+47.08	LT 18.0'	77th Street (Hobart Road)
107	OH-47	2885+87.28	RT 38.3'	77th Street (Hobart Road)
108	OH-48	2943+65.07	RT 31.7'	69th Street
108	OH-49	2943+82.57	LT 14.8'	69th Street
109	OH-50	2970+84.34	RT 27.8'	65th Street
109	OH-51	2970+97.17	LT 21.7'	65th Street
123	OH-52	3235+00.89	LT 11.7'	23rd Street
128	OH-53	3271+95.70	LT 24.0'	17th Street
128	OH-54	3271+95.56	LT 17.2'	17th Street
128	OH-55	3271+94.65	RT 28.3'	17th Street
129	OH-56	3306+21.18	RT 46.2'	12th Street
129	OH-57	3306+24.25	RT 37.3'	12th Street
129	OH-58	3306+26.92	RT 29.6'	12th Street

DATE		DESCRIPTION		REVISIONS		DATE		DESCRIPTION		 <small>4500 SALISBURY ROAD, SUITE 440 JACKSONVILLE, FL. 32216 CA# 7503 PHONE: (904) 245-6500 FAX: (904) 245-6510</small>	 <small>AAF CONTRACT</small> <small>SECTION</small> <small>COUNTY</small>	UTILITY OVERHEAD CONFLICTS SHEET 1 OF 1	SHEET NO. 21
								<small>ENGINEER OF RECORD: MICHAEL G. BELL PE: 43217</small>	<small>FECR</small> <small>D08</small> <small>BREVARD INDIAN RIVER</small>				

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



PLAN VIEW

NOTES:

- 1) SEE SHEETS 5 THROUGH 21 FOR UTILITY AGENCY / OWNER AND CONFLICT MATRIX LIST
- 2) SEE SHEET 4 FOR UTILITY AGENCY / OWNER CONTACT LIST
- 3) NO UTILITY CONFLICTS HAVE BEEN VERIFIED VERTICALLY

CITY OF SEBASTIAN
DOT # 272161V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
4500 SALISBURY ROAD, SUITE 440
JACKSONVILLE, FL. 32216
CA# 7503
PHONE: (904) 245-6500
FAX: (904) 245-6510

ENGINEER OF RECORD: MICHAEL G. BELL
PE: 43217

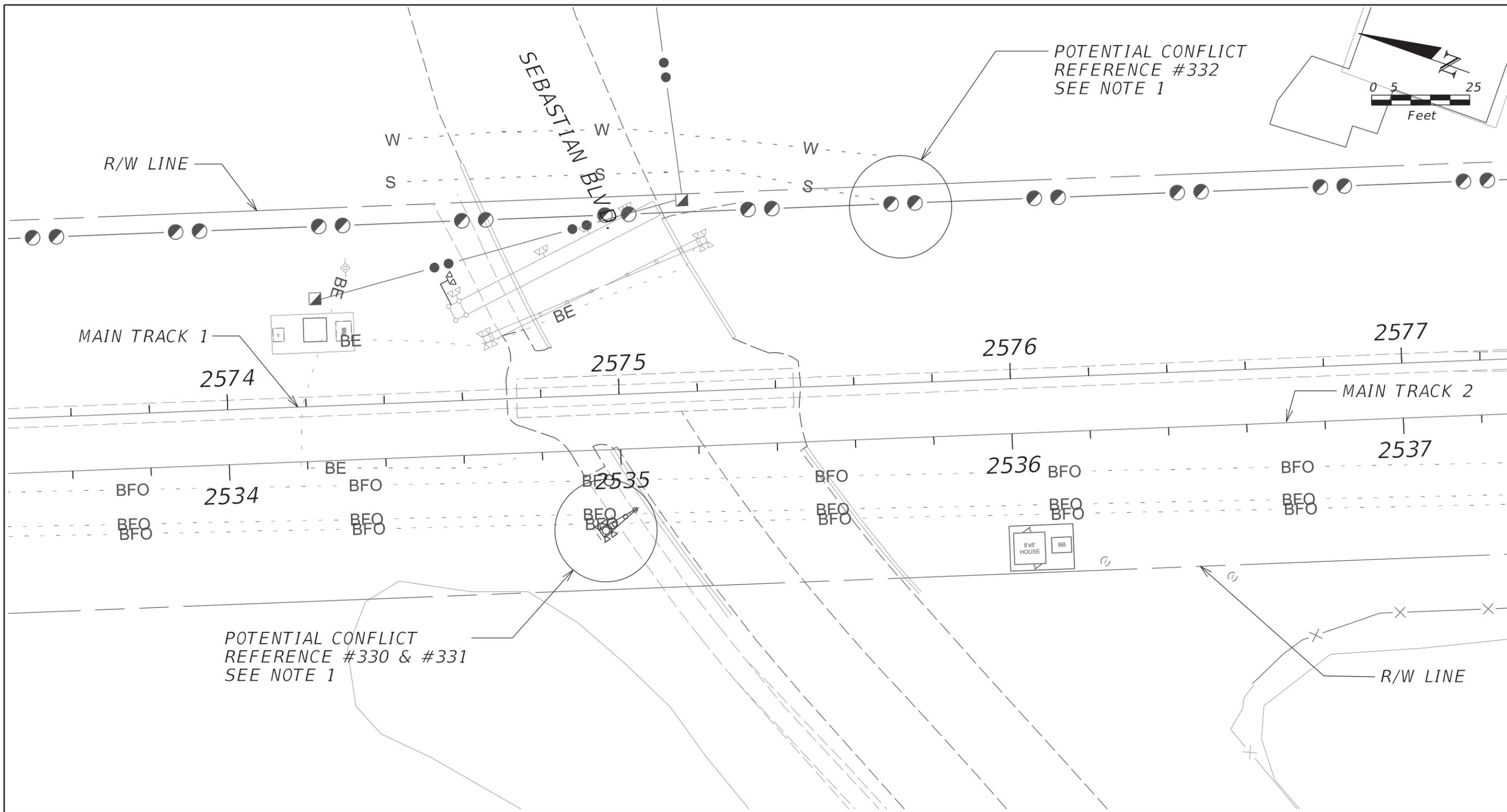
ALL ABOARD FLORIDA

AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

**UTILITY PLAN
MAIN STREET
M.P. 214.42**

SHEET NO.
98

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



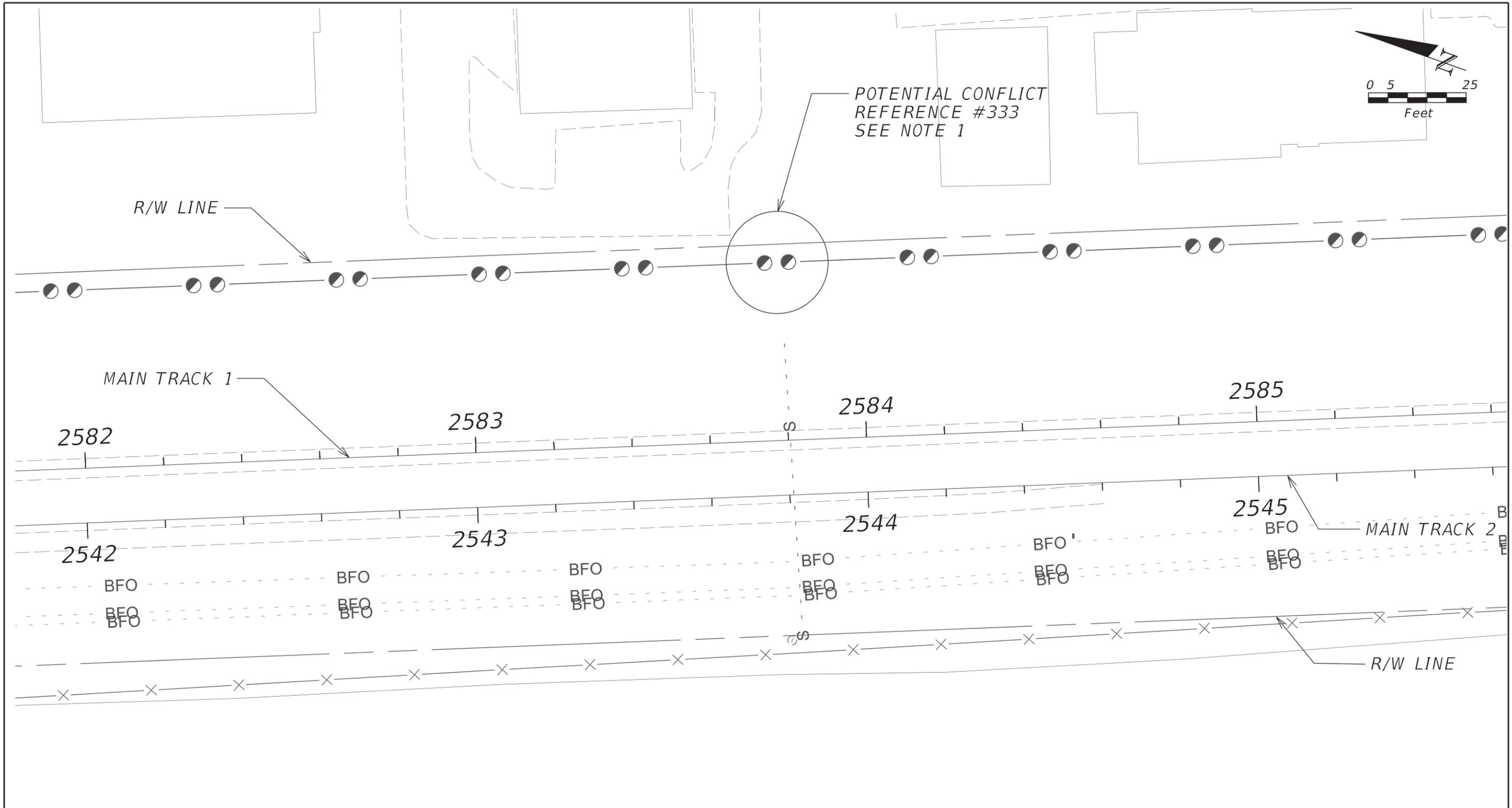
NOTES:
 1) SEE SHEETS 5 THROUGH 21 FOR UTILITY AGENCY / OWNER AND CONFLICT MATRIX LIST
 2) SEE SHEET 4 FOR UTILITY AGENCY / OWNER CONTACT LIST
 3) NO UTILITY CONFLICTS HAVE BEEN VERIFIED VERTICALLY

PLAN VIEW

CITY OF SEBASTIAN
 DOT # 273063H

REVISIONS				 <small>4500 SALISBURY ROAD, SUITE 440 JACKSONVILLE, FL. 32216 CA# 7503 PHONE: (904) 245-6500 FAX: (904) 245-6510</small>				UTILITY PLAN SEBASTIAN BLVD. M.P. 214.83	SHEET NO. 99
DATE	DESCRIPTION	DATE	DESCRIPTION		AAF CONTRACT	SECTION	COUNTY		
				ENGINEER OF RECORD: MICHAEL G. BELL PE: 43217	FECR	D08	BREVARD INDIAN RIVER		

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



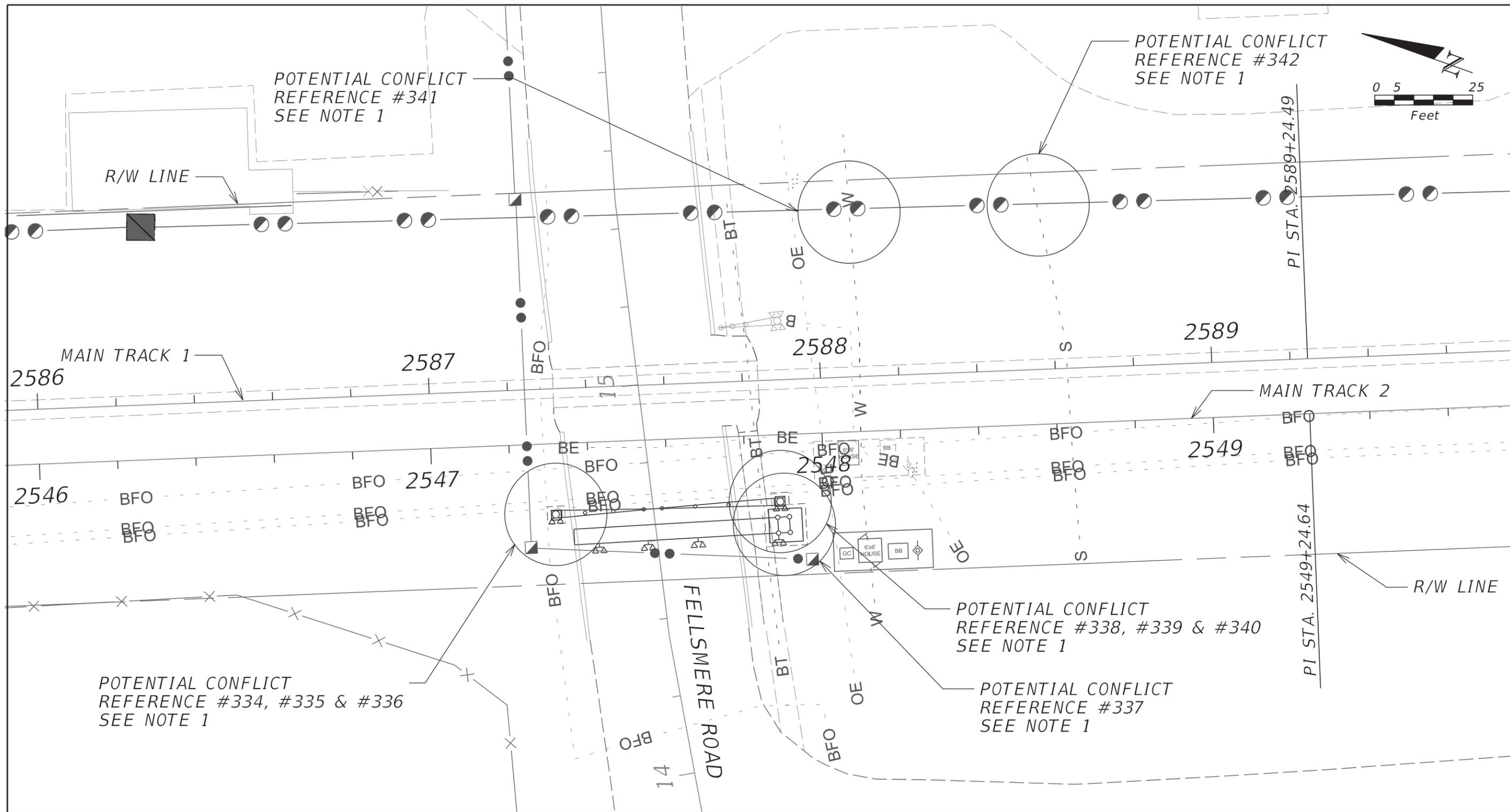
NOTES:
 1) SEE SHEETS 5 THROUGH 21 FOR UTILITY AGENCY / OWNER AND CONFLICT MATRIX LIST
 2) SEE SHEET 4 FOR UTILITY AGENCY / OWNER CONTACT LIST
 3) NO UTILITY CONFLICTS HAVE BEEN VERIFIED VERTICALLY

PLAN VIEW

CITY OF SEBASTIAN

REVISIONS				 <small>4500 SALISBURY ROAD, SUITE 440 JACKSONVILLE, FL - 32216 CA# 7503 PHONE: (904) 245-6500 FAX: (904) 245-6510</small>				UTILITY PLAN STATIONS 2582 - 2585	SHEET NO. 100
DATE	DESCRIPTION	DATE	DESCRIPTION		AAF CONTRACT	SECTION	COUNTY		
				<small>ENGINEER OF RECORD: MICHAEL G. BELL PE: 43217</small>	FECR	D08	BREVARD INDIAN RIVER		

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



PLAN VIEW

CITY OF SEBASTIAN
DOT # 272162C

- NOTES:
- 1) SEE SHEETS 5 THROUGH 21 FOR UTILITY AGENCY / OWNER AND CONFLICT MATRIX LIST
 - 2) SEE SHEET 4 FOR UTILITY AGENCY / OWNER CONTACT LIST
 - 3) NO UTILITY CONFLICTS HAVE BEEN VERIFIED VERTICALLY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
4500 SALISBURY ROAD, SUITE 440
JACKSONVILLE, FL. 32216
CA# 7503
PHONE: (904) 245-6500
FAX: (904) 245-6510

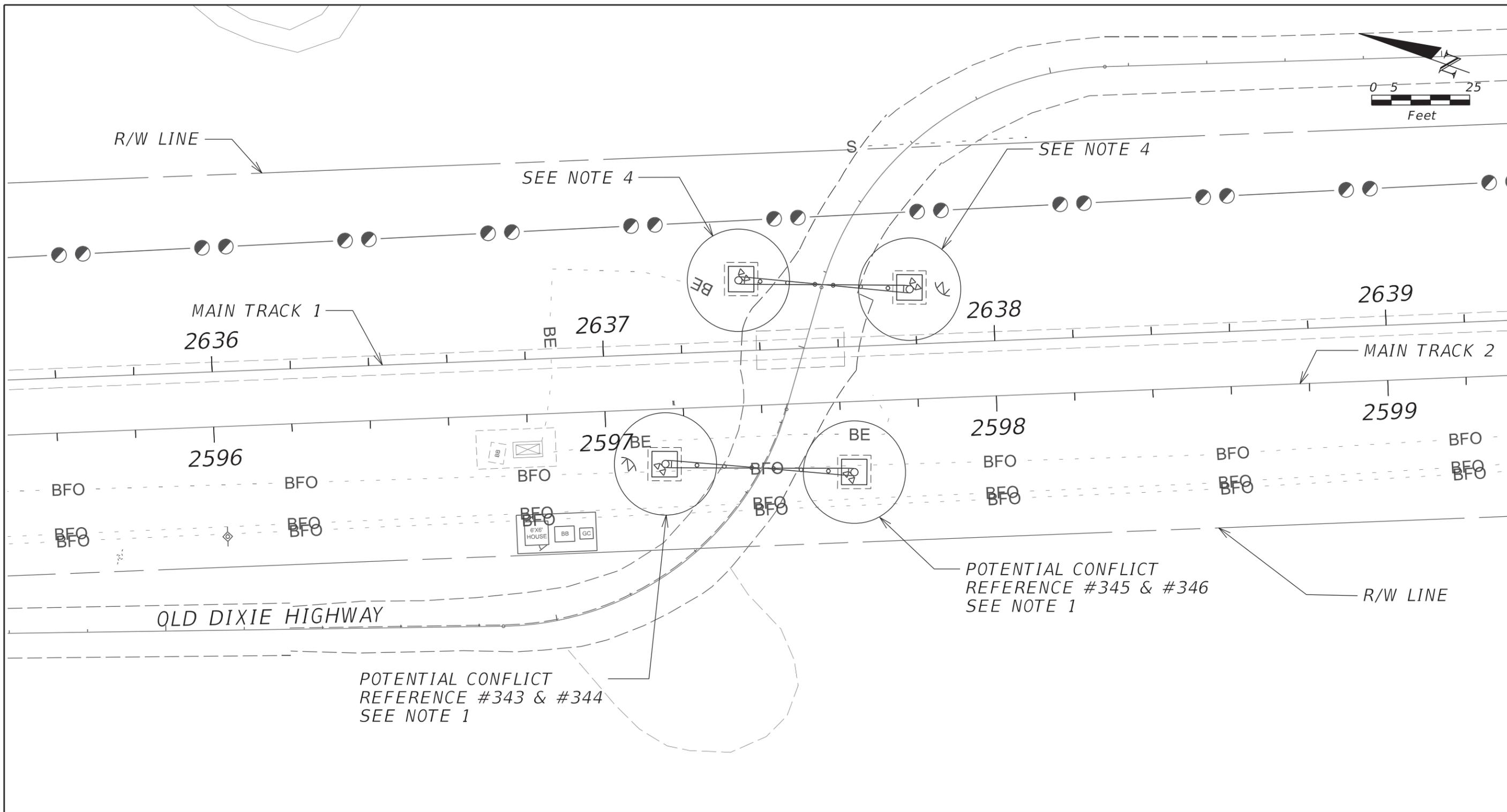
ENGINEER OF RECORD: MICHAEL G. BELL
PE: 43217

ALL ABOARD FLORIDA		
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

**UTILITY PLAN
FELLSMERE RD.
M.P. 215.06**

SHEET NO.
101

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



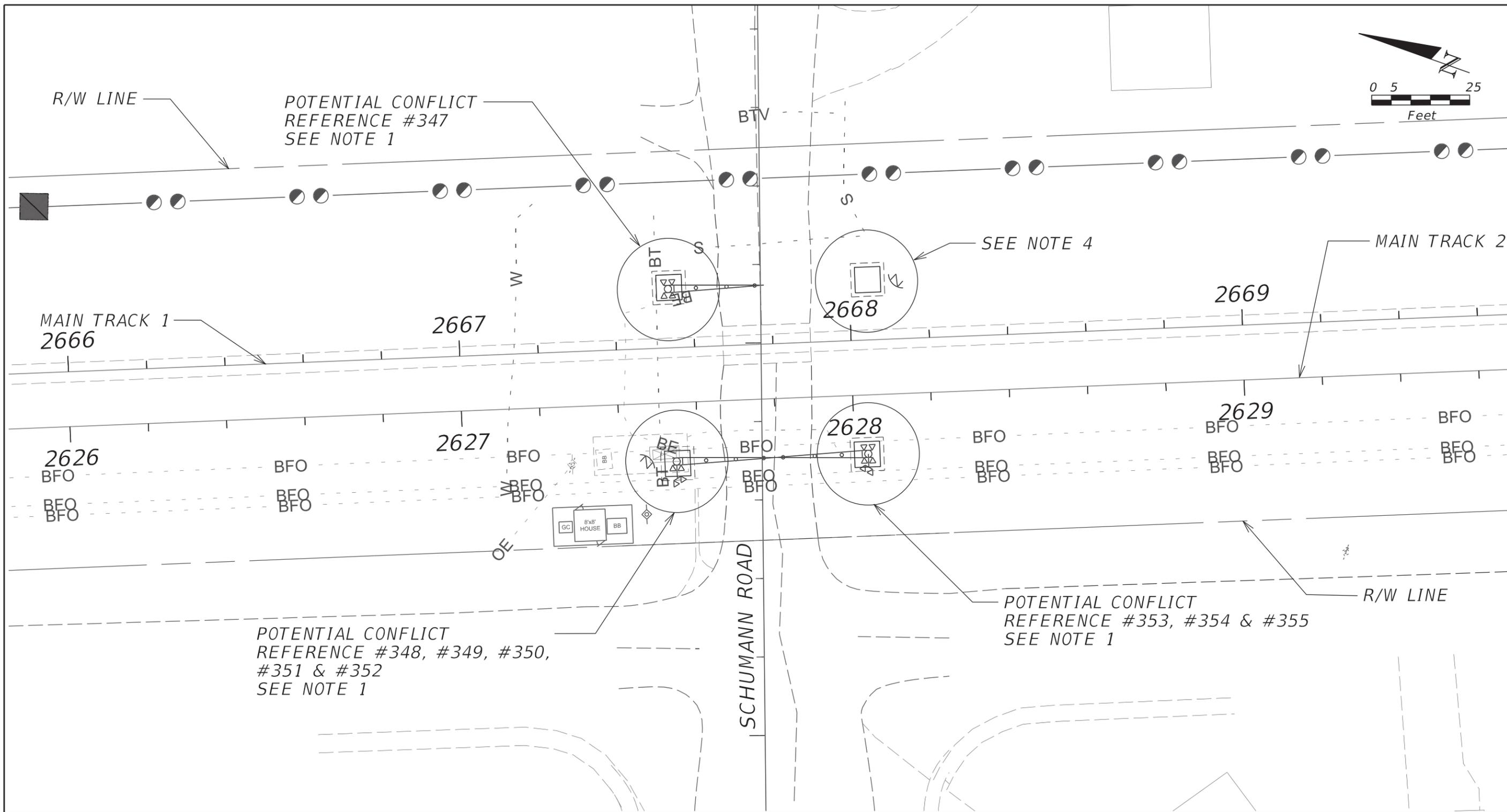
NOTES:
 1) SEE SHEETS 5 THROUGH 21 FOR UTILITY AGENCY / OWNER AND CONFLICT MATRIX LIST.
 2) SEE SHEET 4 FOR UTILITY AGENCY / OWNER CONTACT LIST.
 3) NO UTILITY CONFLICTS HAVE BEEN VERIFIED VERTICALLY.
 4) NO KNOWN UTILITIES EXIST WITHIN THE AREA OF SIGNAL CONSTRUCTION AS SHOWN. CONTRACTOR SHALL VERIFY EACH LOCATION PRIOR TO EXCAVATION.

PLAN VIEW

**CITY OF SEBASTIAN
 DOT # 272163J**

REVISIONS				 <small>4500 SALISBURY ROAD, SUITE 440 JACKSONVILLE, FL. 32216 CA# 7503 PHONE: (904) 245-6500 FAX: (904) 245-6510</small>				UTILITY PLAN OLD DIXIE HIGHWAY M.P. 216.00	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		AAF CONTRACT	SECTION	COUNTY		102
				<small>ENGINEER OF RECORD: MICHAEL G. BELL PE: 43217</small>	FECR	D08	BREVARD INDIAN RIVER		

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



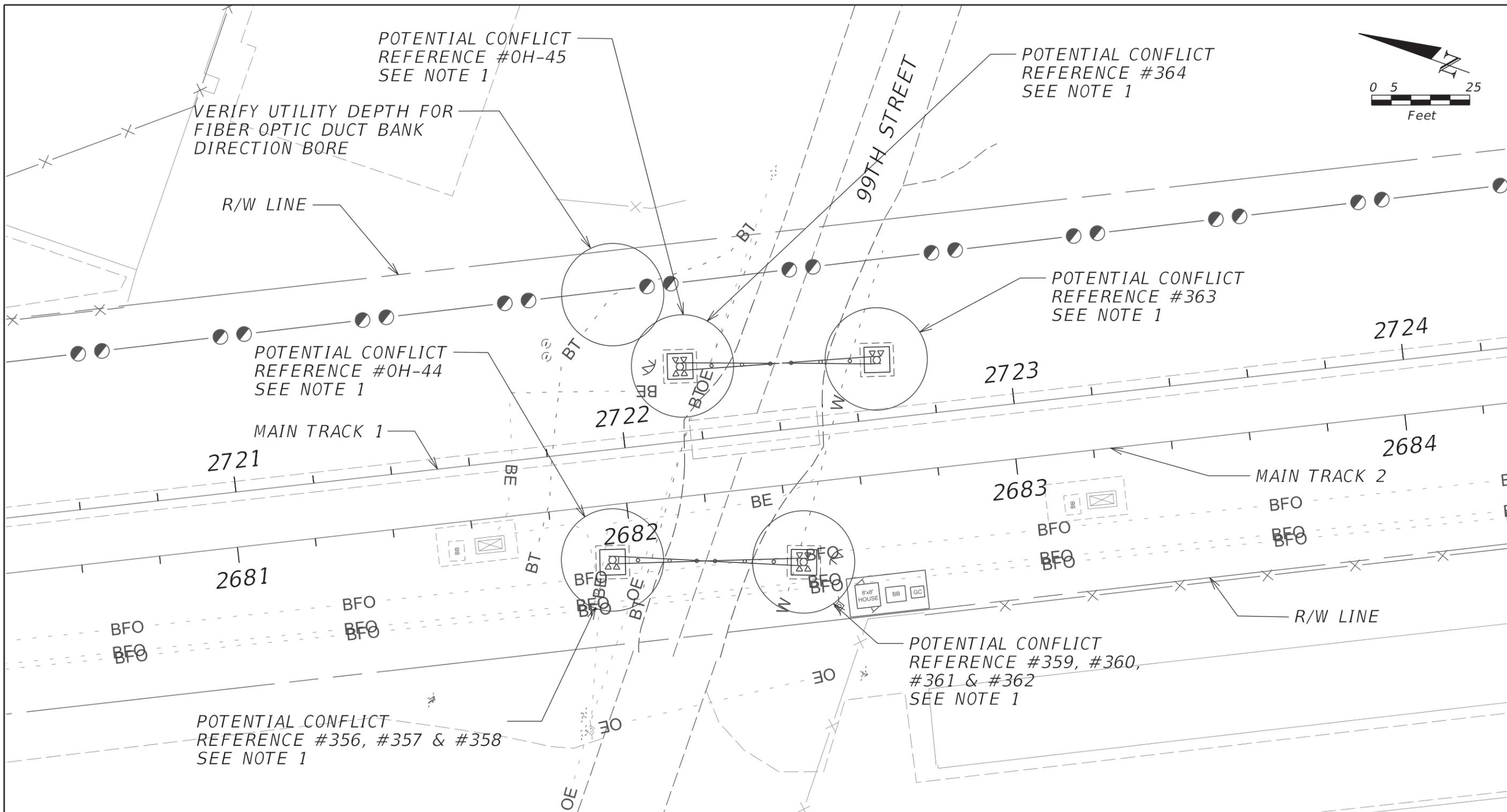
PLAN VIEW

**CITY OF SEBASTIAN
DOT # 272164R**

NOTES:
 1) SEE SHEETS 5 THROUGH 21 FOR UTILITY AGENCY / OWNER AND CONFLICT MATRIX LIST.
 2) SEE SHEET 4 FOR UTILITY AGENCY / OWNER CONTACT LIST.
 3) NO UTILITY CONFLICTS HAVE BEEN VERIFIED VERTICALLY.
 4) NO KNOWN UTILITIES EXIST WITHIN THE AREA OF SIGNAL CONSTRUCTION AS SHOWN. CONTRACTOR SHALL VERIFY EACH LOCATION PRIOR TO EXCAVATION.

REVISIONS				 <small>4500 SALISBURY ROAD, SUITE 440 JACKSONVILLE, FL. 32216 CA# 7503 PHONE: (904) 245-6500 FAX: (904) 245-6510</small>				UTILITY PLAN SCHUMANN RD M.P. 216.59	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		AAF CONTRACT	SECTION	COUNTY		103
				<small>ENGINEER OF RECORD: MICHAEL G. BELL PE: 43217</small>	FECR	D08	BREVARD INDIAN RIVER		

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NOTES:
 1) SEE SHEETS 5 THROUGH 21 FOR UTILITY AGENCY / OWNER AND CONFLICT MATRIX LIST
 2) SEE SHEET 4 FOR UTILITY AGENCY / OWNER CONTACT LIST
 3) NO UTILITY CONFLICTS HAVE BEEN VERIFIED VERTICALLY

PLAN VIEW

CITY OF SEBASTIAN
 DOT # 272165X

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL. 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

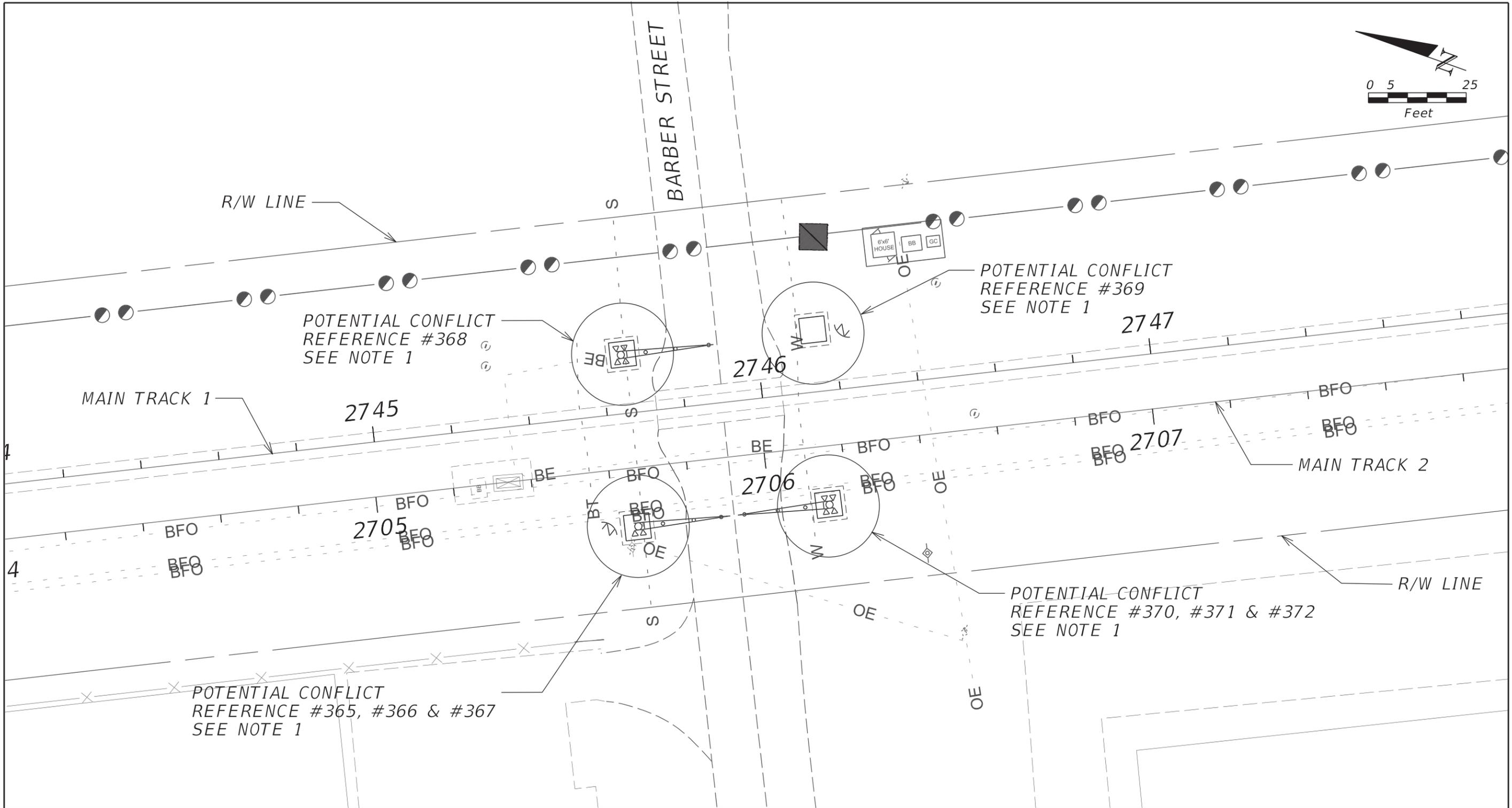
ENGINEER OF RECORD: MICHAEL G. BELL
 PE: 43217

ALL ABOARD FLORIDA		
AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

UTILITY PLAN
99TH STREET
M.P. 217.61

SHEET NO.
 104

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



NOTES:
 1) SEE SHEETS 5 THROUGH 21 FOR UTILITY AGENCY / OWNER AND CONFLICT MATRIX LIST
 2) SEE SHEET 4 FOR UTILITY AGENCY / OWNER CONTACT LIST
 3) NO UTILITY CONFLICTS HAVE BEEN VERIFIED VERTICALLY

PLAN VIEW

CITY OF SEBASTIAN
 DOT # 272974H

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TranSystems
 4500 SALISBURY ROAD, SUITE 440
 JACKSONVILLE, FL. 32216
 CA# 7503
 PHONE: (904) 245-6500
 FAX: (904) 245-6510

ENGINEER OF RECORD: MICHAEL G. BELL
 PE: 43217

ALL ABOARD FLORIDA

AAF CONTRACT	SECTION	COUNTY
FECR	D08	BREVARD INDIAN RIVER

**UTILITY PLAN
 BARBER ST.
 M.P. 218.05**

SHEET NO.
 105

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