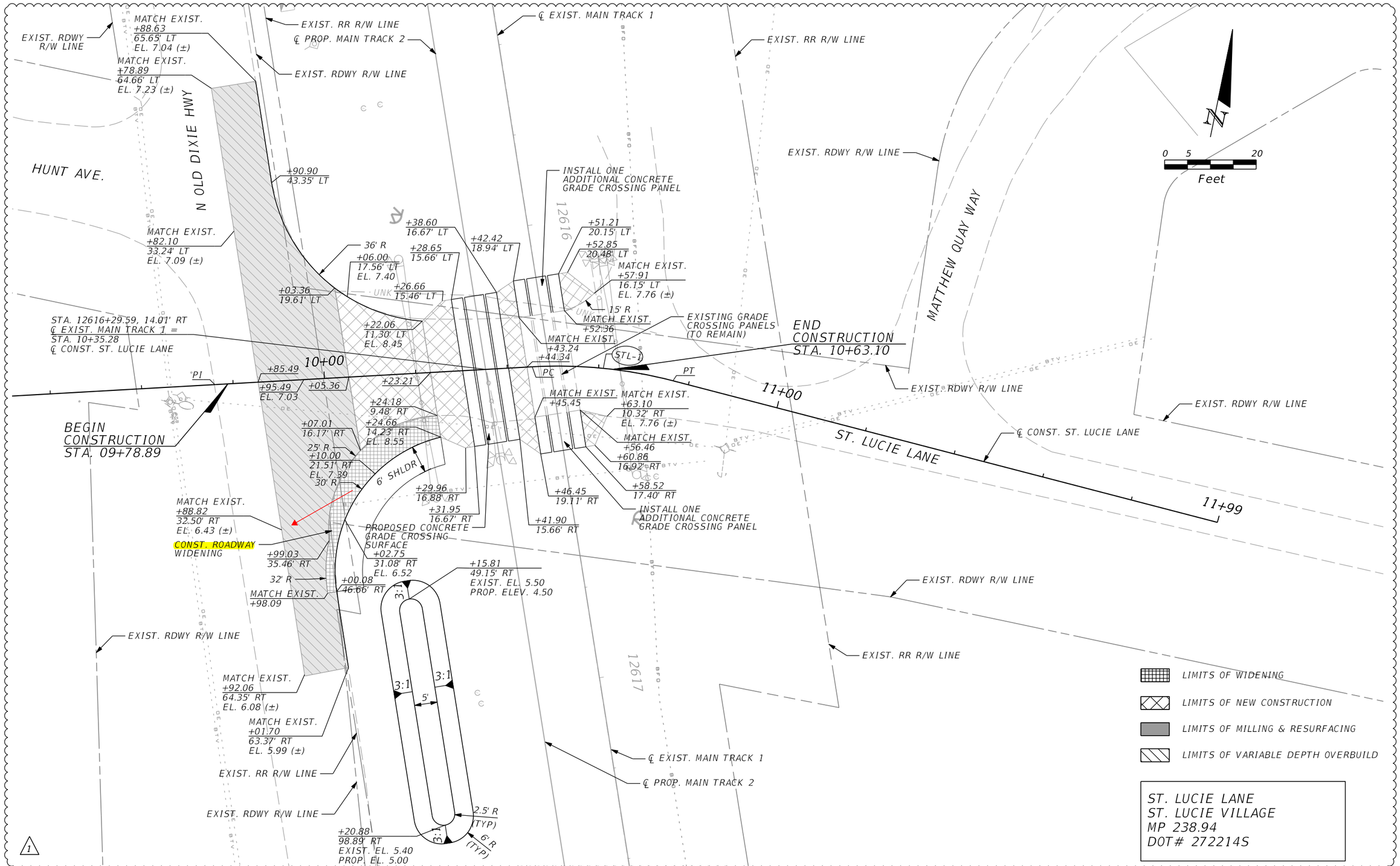

REVISIONS	
DATE	DESCRIPTION
02/07/20	1 - REVISED ENTIRE ROADWAY CROSSING

GORKY F. CHARPENTIER, P.E.
P.E. LICENSE NUMBER 47523
URS CORPORATION SOUTHERN
3201 WEST COMMERCIAL BLVD., SUITE 134
FORT LAUDERDALE, FL 33309
CERTIFICATE OF AUTHORIZATION EB 00000002

ALL ABOARD FLORIDA

AAF CONTRACT	SECTION	COUNTY
	D9	ST. LUCIE

ROADWAY PLAN

SCALE:	SHEET NO.
1"=20'	RD-10
2/14/2020	

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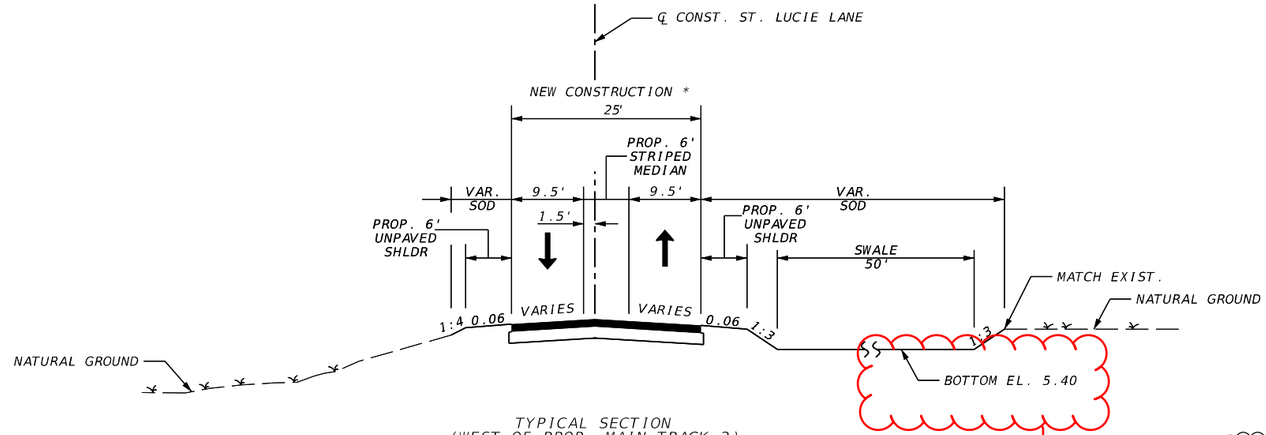


TYPICAL SECTION
(WEST OF PROP. MAIN TRACK 2)
ST. LUCIE LANE
ST. LUCIE VILLAGE
MP 238.94
DOT# 2722145 1
N.T.S.

POSTED SPEED: 15 MPH 1

* MILLING, RESURFACING & OVERBUILD
SEE PLAN STA. 9+85.51 - STA. 10+05.36

WIDENING
OPTIONAL BASE GROUP 6
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")
12" TYPE B STABILIZATION LBR 40

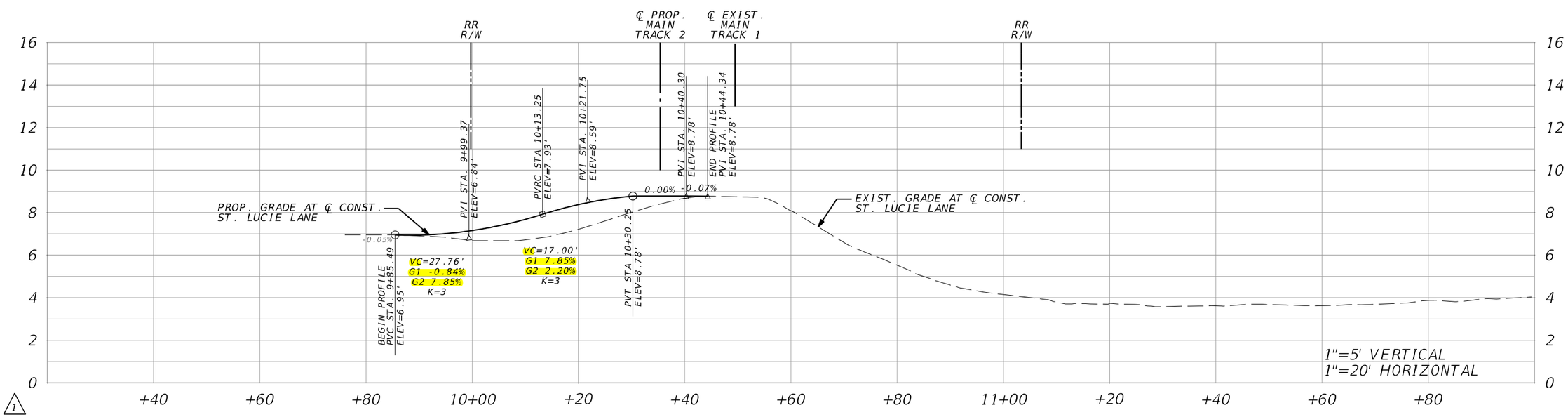
NEW CONSTRUCTION (WITHIN 3' OF CROSSING PANEL)
OPTIONAL BASE GROUP 15 (TYPE B-12.5 ONLY) (9")
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (6")

NEW CONSTRUCTION (BEYOND 3' OF CROSSING PANEL)
OPTIONAL BASE GROUP 6
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")
12" TYPE B STABILIZATION LBR 40

MILLING
MILL EXISTING ASPHALT PAVEMENT (1" AVG. DEPTH)

OVERBUILD
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (4.5" AVG. DEPTH)

RESURFACING
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1")



1

REVISIONS	
DATE	DESCRIPTION
02/07/20	1 - REVISED PROFILE AND ADDED POSTED SPEED

GORKY F. CHARPENTIER, P.E.
P.E. LICENSE NUMBER 47523
URS CORPORATION SOUTHERN
3201 WEST COMMERCIAL BLVD., SUITE 134
FORT LAUDERDALE, FL 33309
CERTIFICATE OF AUTHORIZATION EB 00000002

1 ALL ABOARD FLORIDA

AAF CONTRACT	SECTION	COUNTY
	D9	ST. LUCIE

ROADWAY PROFILE / TYPICAL SECTION

SCALE: N.T.S.	SHEET NO.
2/14/2020	RD-10A

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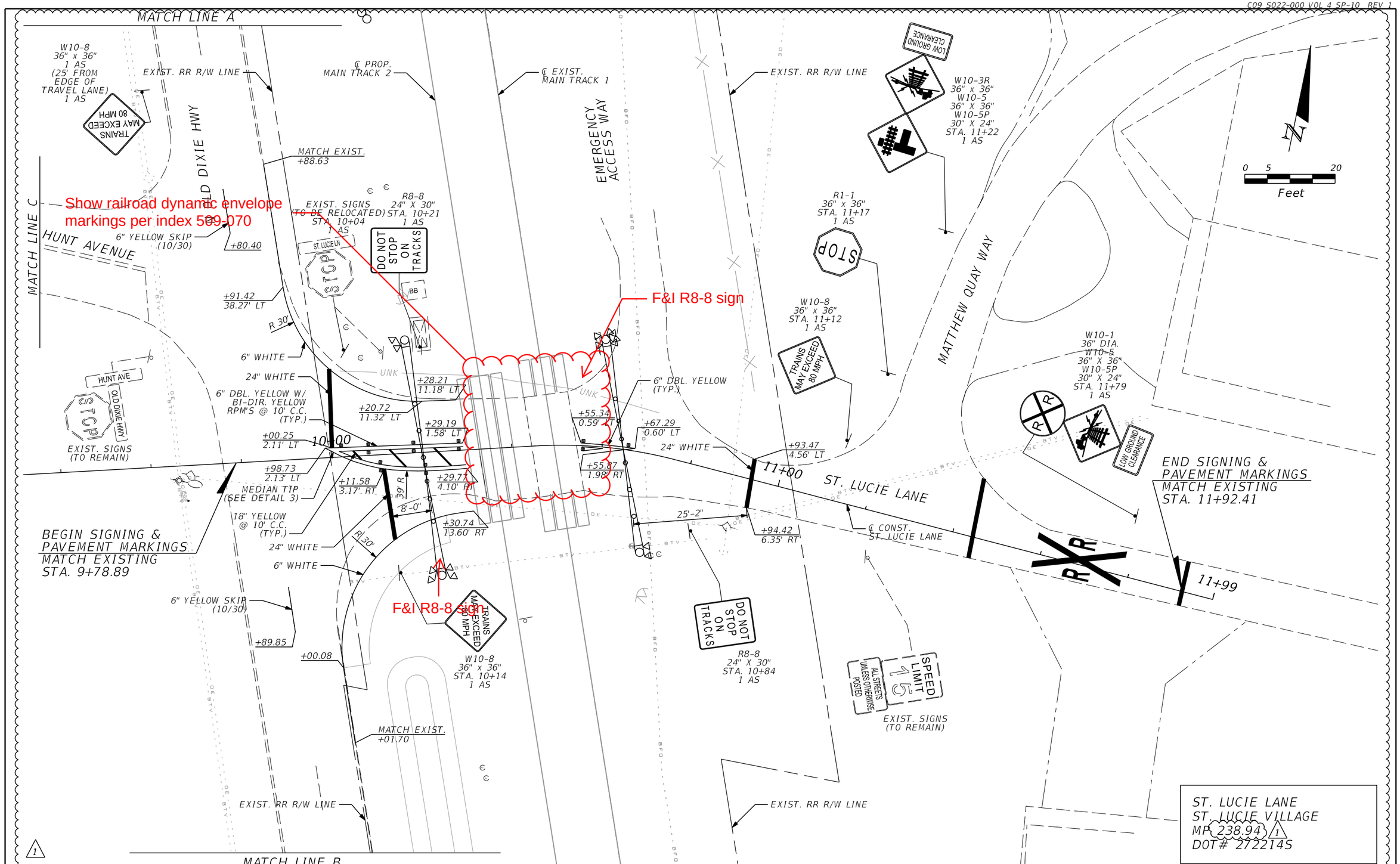


REVISIONS	
DATE	DESCRIPTION
02/07/20	1 - REVISED SIGNING AND LABELS. REVISED MILEPOST

GORKY F. CHARPENTIER, P.E.
P.E. LICENSE NUMBER 47523
URS CORPORATION SOUTHERN
3201 WEST COMMERCIAL BLVD., SUITE 134
FORT LAUDERDALE, FL 33309
CERTIFICATE OF AUTHORIZATION EB 00000002

ALL ABOARD FLORIDA

AAF CONTRACT	SECTION	COUNTY
	D09	ST. LUCIE

SIGNING AND PAVEMENT MARKING PLAN

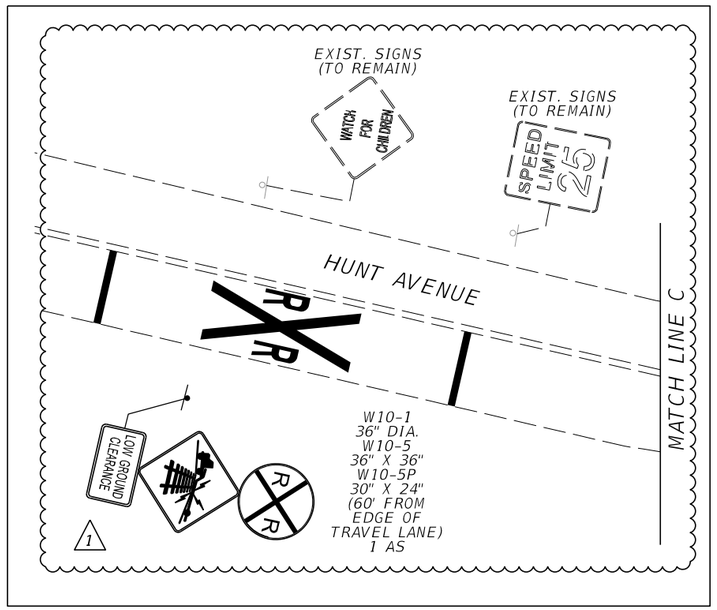
SCALE: 1"=20'

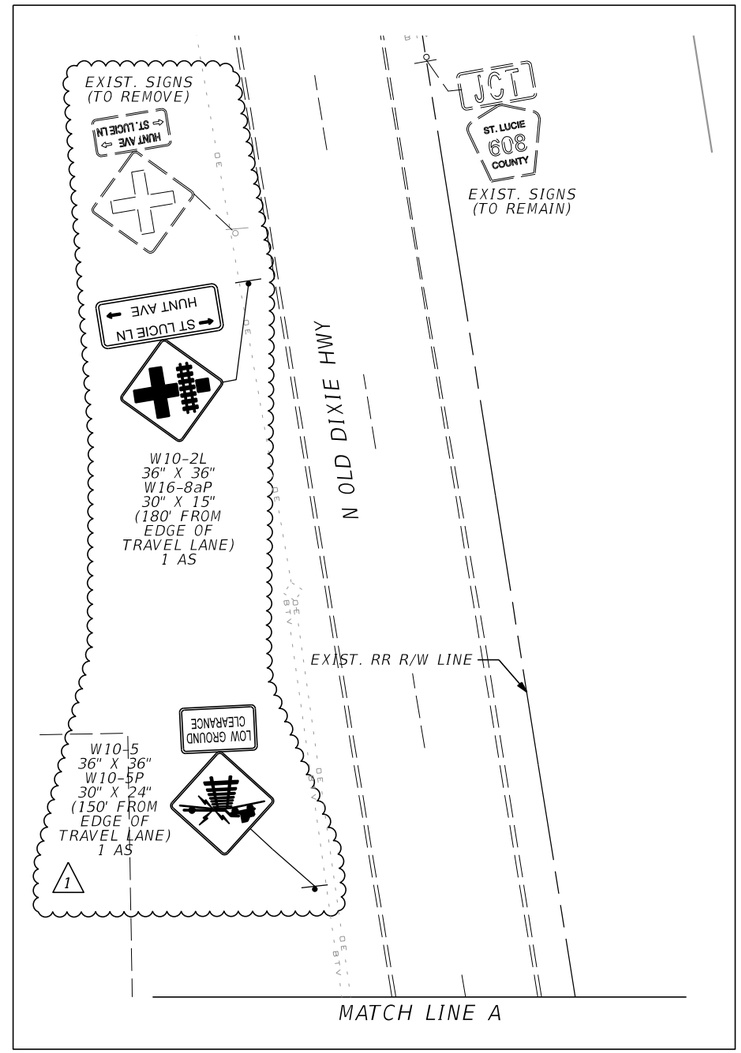
SHEET NO. SP-10

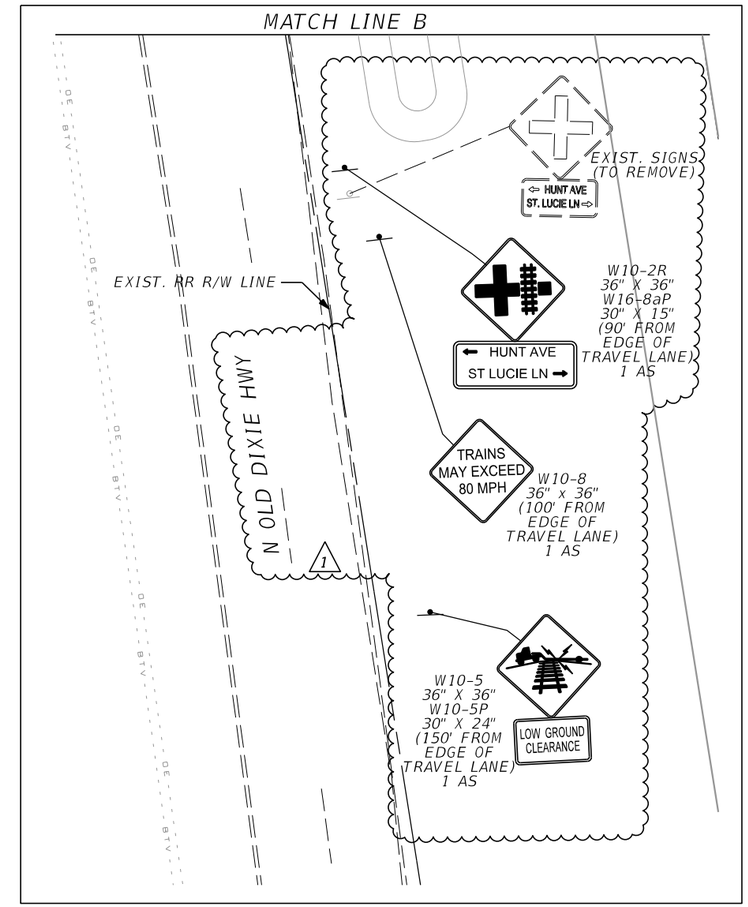
2/17/2020

URS 2/17/2020 11:33:13 AM ...\PLAN SHEETS\PLANSP272214S.DGN

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







N

0 5 20
Feet

ST. LUCIE LANE
ST. LUCIE VILLAGE
MP 238.94 1
DOT# 272214S

REVISIONS	
DATE	DESCRIPTION
02/07/20	1 - REVISED SIGNING AND TEXT. REVISED MILEPOST

GORKY F. CHARPENTIER, P.E. 1
P.E. LICENSE NUMBER 47523
URS CORPORATION SOUTHERN
3201 WEST COMMERCIAL BLVD., SUITE 134
FORT LAUDERDALE, FL 33309
CERTIFICATE OF AUTHORIZATION EB 00000002

ALL ABOARD FLORIDA

AAF CONTRACT	SECTION	COUNTY
	D09	ST. LUCIE

SIGNING AND PAVEMENT MARKING PLAN

SCALE:	SHEET NO.
1"=20'	SP-10A
2/17/2020	

URS 2/17/2020 11:33:14 AM ...\PLAN SHEETS\PLANSP272214S.DGN

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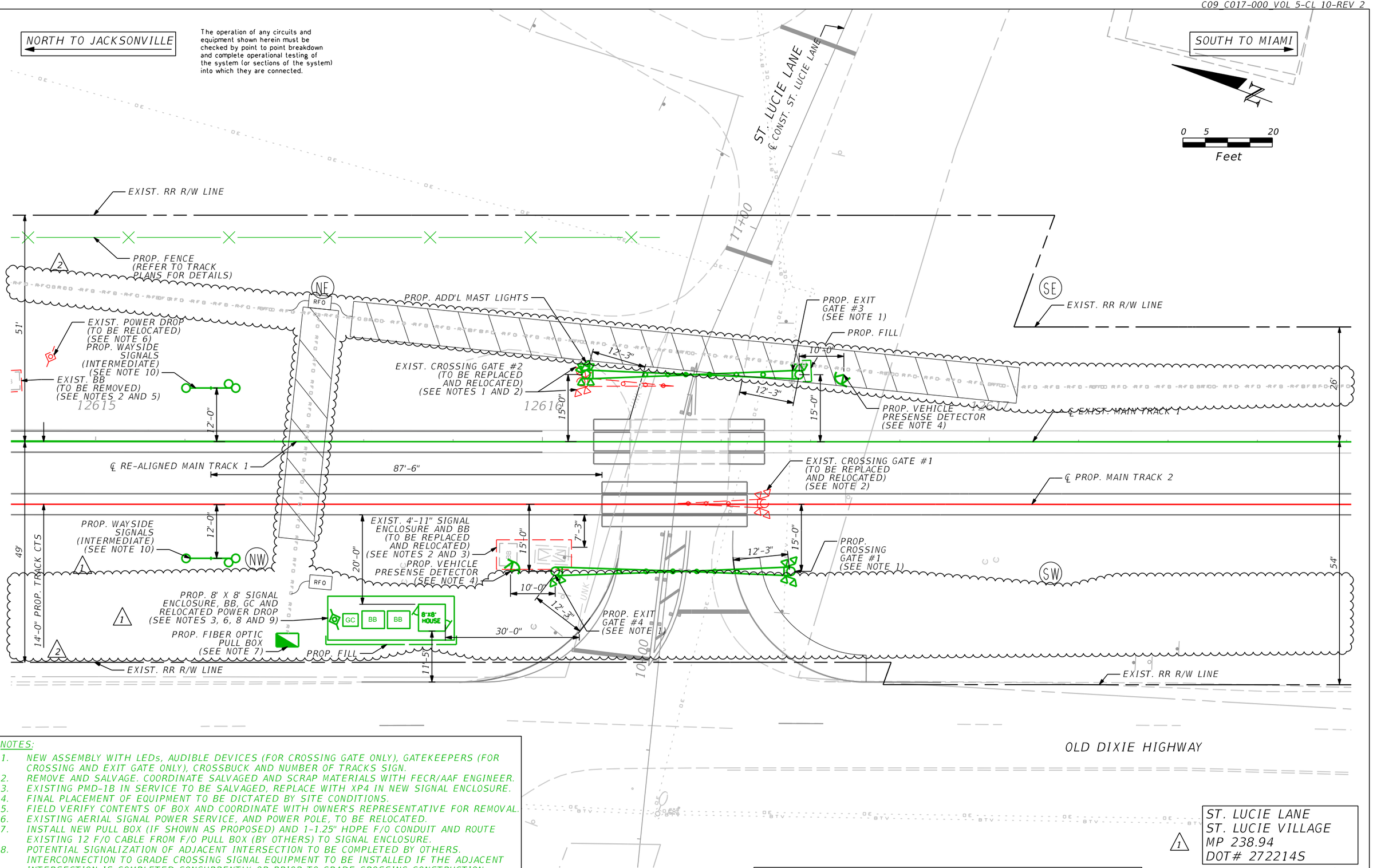

The operation of any circuits and equipment shown herein must be checked by point to point breakdown and complete operational testing of the system (or sections of the system) into which they are connected.

NOTES:

1. NEW ASSEMBLY WITH LEDs, AUDIBLE DEVICES (FOR CROSSING GATE ONLY), GATEKEEPERS (FOR CROSSING AND EXIT GATE ONLY), CROSSBUCK AND NUMBER OF TRACKS SIGN.
2. REMOVE AND SALVAGE. COORDINATE SALVAGED AND SCRAP MATERIALS WITH FECR/AAF ENGINEER.
3. EXISTING PMD-1B IN SERVICE TO BE SALVAGED, REPLACE WITH XP4 IN NEW SIGNAL ENCLOSURE.
4. FINAL PLACEMENT OF EQUIPMENT TO BE DICTATED BY SITE CONDITIONS.
5. FIELD VERIFY CONTENTS OF BOX AND COORDINATE WITH OWNER'S REPRESENTATIVE FOR REMOVAL.
6. EXISTING AERIAL SIGNAL POWER SERVICE, AND POWER POLE, TO BE RELOCATED.
7. INSTALL NEW PULL BOX (IF SHOWN AS PROPOSED) AND 1-1.25" HDPE F/O CONDUIT AND ROUTE EXISTING 12 F/O CABLE FROM F/O PULL BOX (BY OTHERS) TO SIGNAL ENCLOSURE.
8. POTENTIAL SIGNALIZATION OF ADJACENT INTERSECTION TO BE COMPLETED BY OTHERS. INTERCONNECTION TO GRADE CROSSING SIGNAL EQUIPMENT TO BE INSTALLED IF THE ADJACENT INTERSECTION IS COMPLETED CONCURRENTLY OR PRIOR TO GRADE CROSSING CONSTRUCTION.
9. FINAL HOUSE SIZE TO BE DETERMINED IN FINAL DESIGN.
10. CONTRACTOR SHALL REFER TO THE TYPICAL CIRCUIT/FINAL DESIGN PLANS AND WAYSIDE SIGNAL PLANS FOR CIRCUITS, DETAILS AND ADDITIONAL INFORMATION.

GREEN = IN RED = OUT

ST. LUCIE LANE
ST. LUCIE VILLAGE
MP 238.94
DOT# 272214S

SCALE: 1" = 20'

FINAL PLACEMENT OF ALL EQUIPMENT TO BE DICTATED BY SITE CONDITIONS.

GORKY F. CHARPENTIER, P.E.
P.E. LICENSE NUMBER 47523
URS CORPORATION SOUTHERN
3201 WEST COMMERCIAL BLVD., SUITE 134
FORT LAUDERDALE, FL 33309
CERTIFICATE OF AUTHORIZATION EB 00000002

REVISIONS		
1 - 08/16/2019	DR:	ILR / NRS / BS
2 - 02/07/2020	DES:	ILR / NRS
	CHK:	PS
	APPR:	
	DATE:	2/17/2020

FLORIDA EAST COAST RAILWAY
OFFICE OF THE CHIEF ENGINEER SIGNALS & COMMUNICATIONS
HIGHWAY CROSSING SIGNAL CIRCUITS
CROSSING LAYOUT - D09
ST. LUCIE LANE - MP 238+4970
DOT# 272214S

FILE
PLANCL272214S.DGN
DRAWING NO.
CL-10
SH. 1 OF 1

ALL ABOARD FLORIDA

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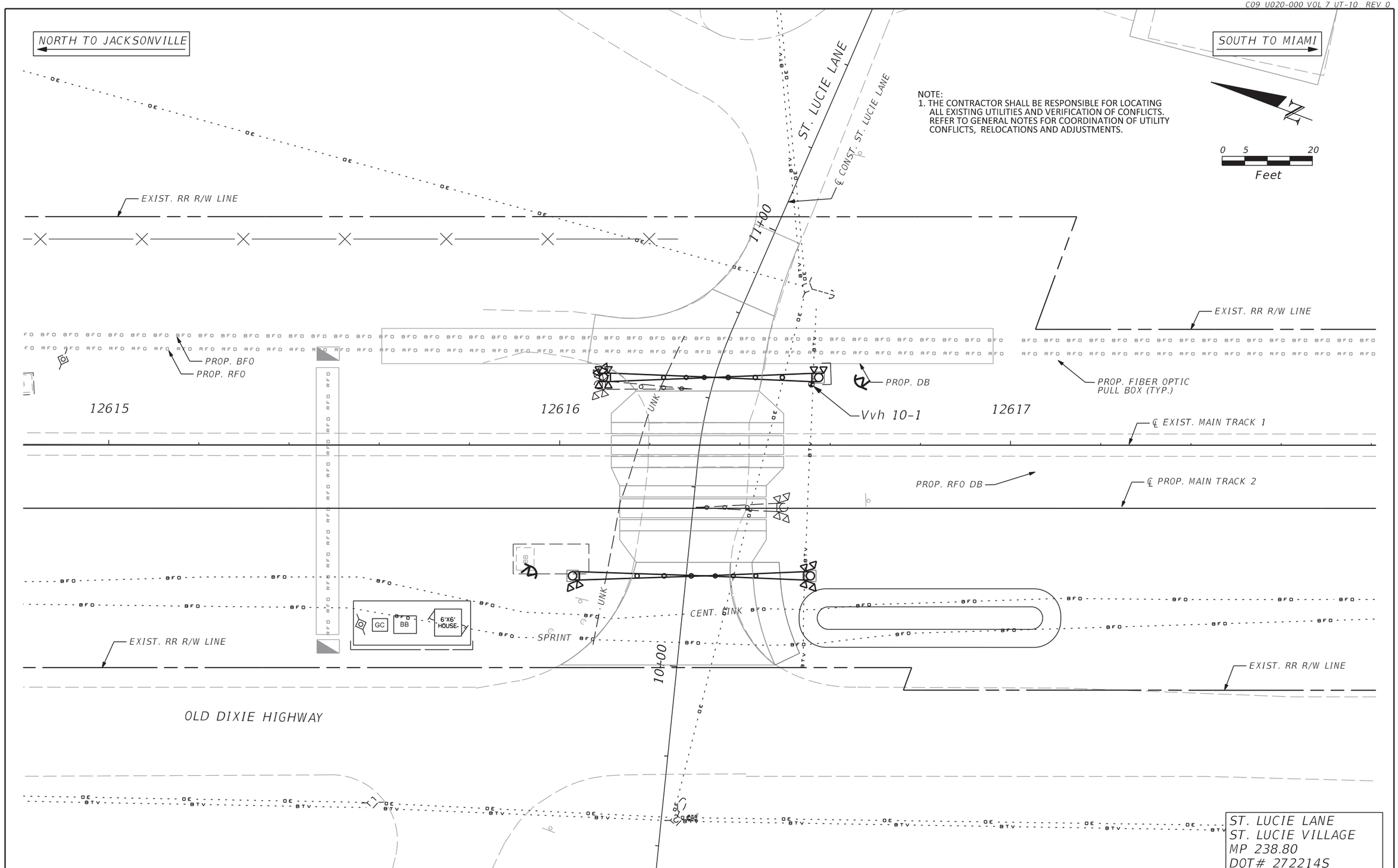

NOTE:
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES AND VERIFICATION OF CONFLICTS. REFER TO GENERAL NOTES FOR COORDINATION OF UTILITY CONFLICTS, RELOCATIONS AND ADJUSTMENTS.

REVISIONS	
DATE	DESCRIPTION

MOHAMED A. ABRAHIEM, P.E.
P.E. LICENSE NUMBER 55238
URS CORPORATION SOUTHERN
7800 CONGRESS AVENUE, SUITE 200
BOCA RATON, FL 33487
CERTIFICATE OF AUTHORIZATION EB 00000002

ALL ABOARD FLORIDA

AAF CONTRACT	SECTION	COUNTY
	D09	ST. LUCIE

UTILITY PLAN

SCALE:	SHEET NO.
1"=20'	
12/21/2018	UT-10

URS 12/21/2018 12:07:45 PM ...\PLANUTAD272214S.DGN

RELEASED FOR CONSTRUCTION - R.M.W., 02-13-2019

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