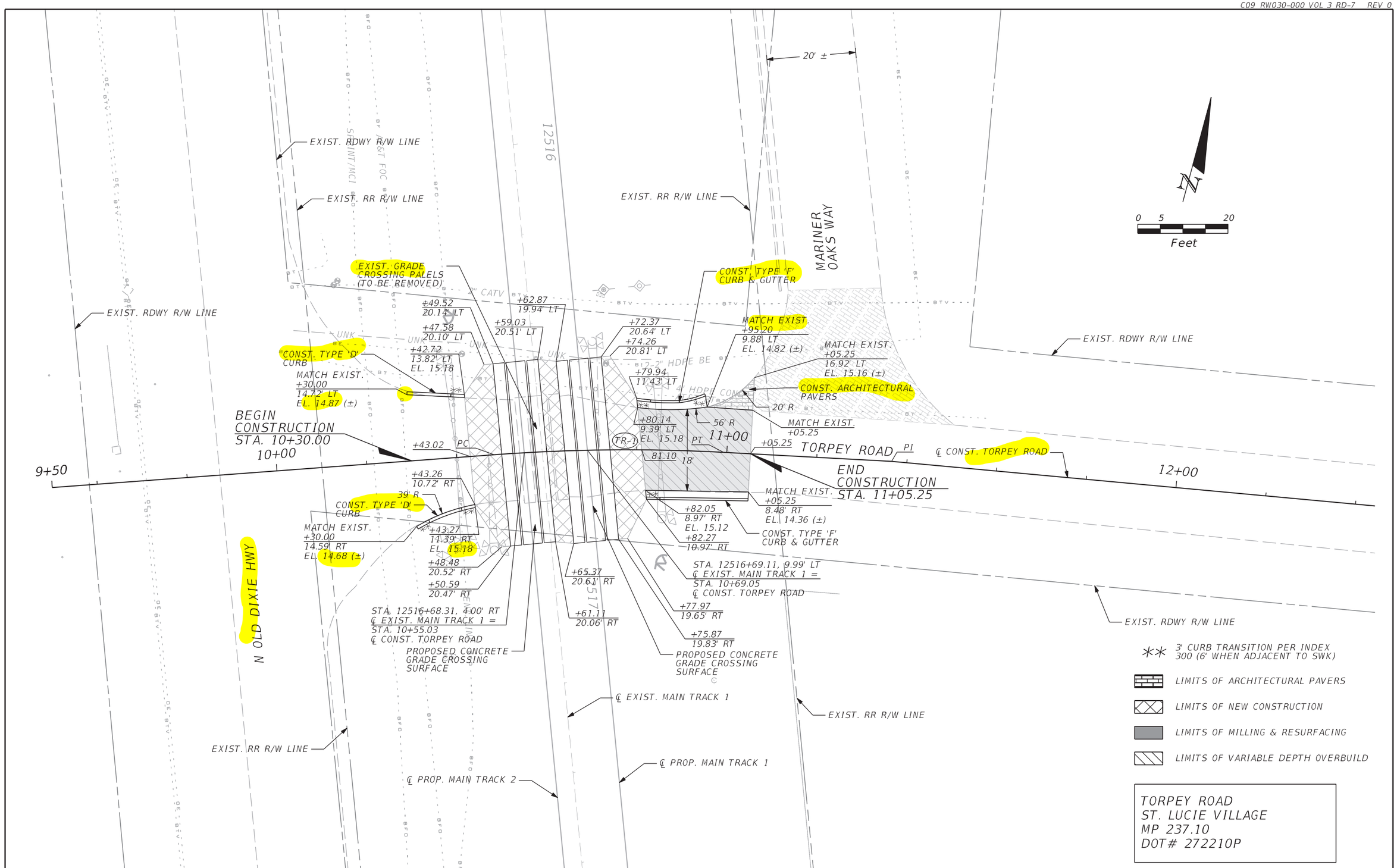

REVISIONS	
DATE	DESCRIPTION

PATSY FUSCHETTO, P.E.
P.E. LICENSE NUMBER 70364
URS CORPORATION SOUTHERN
7800 CONGRESS AVENUE, SUITE 200
BOCA RATON, FL 33487
CERTIFICATE OF AUTHORIZATION EB 00000002

ALL ABOARD FLORIDA

AAF CONTRACT	SECTION	COUNTY
	D9	ST. LUCIE

ROADWAY PLAN

SCALE: 1"=20'	SHEET NO.
12/21/2018	RD-7

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

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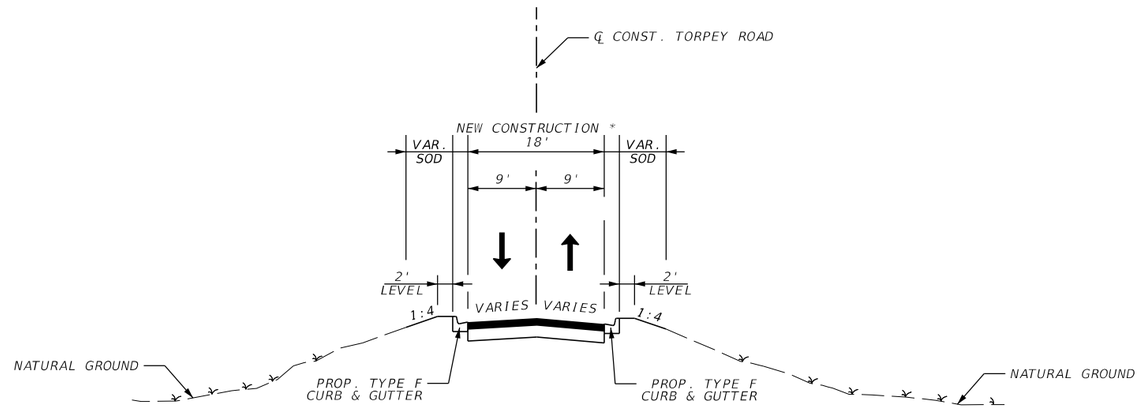


TYPICAL SECTION
(EAST OF PROP. MAIN TRACK 1)
TORPEY ROAD
ST. LUCIE VILLAGE
MP 237.10
DOT# 272210P
N.T.S.

POSTED SPEED: 15 MPH 1

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

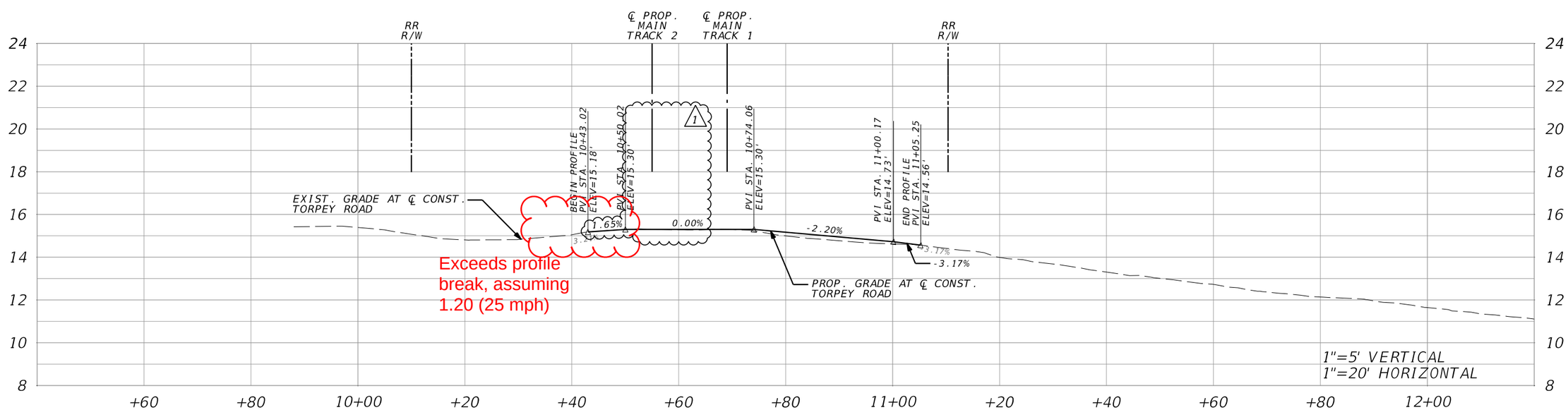
NEW CONSTRUCTION (BEYOND 3' OF CROSSING PANEL)
OPTIONAL BASE GROUP 6
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")
12" TYPE B STABILIZATION LBR 40

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

OVERBUILD
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1.2" AVG. DEPTH)

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

* MILLING, RESURFACING & OVERBUILD
SEE PLAN STA. 10+81.10 - STA. 11+05.25



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

ALL ABOARD FLORIDA

AAF CONTRACT	SECTION	COUNTY
	D9	ST. LUCIE

ROADWAY PROFILE / TYPICAL SECTION

SCALE: N.T.S.	SHEET NO.
2/14/2020	RD-7A

URS 2/14/2020 5:43:59 PM...\ST_LUCIE_PROFILES.DGN

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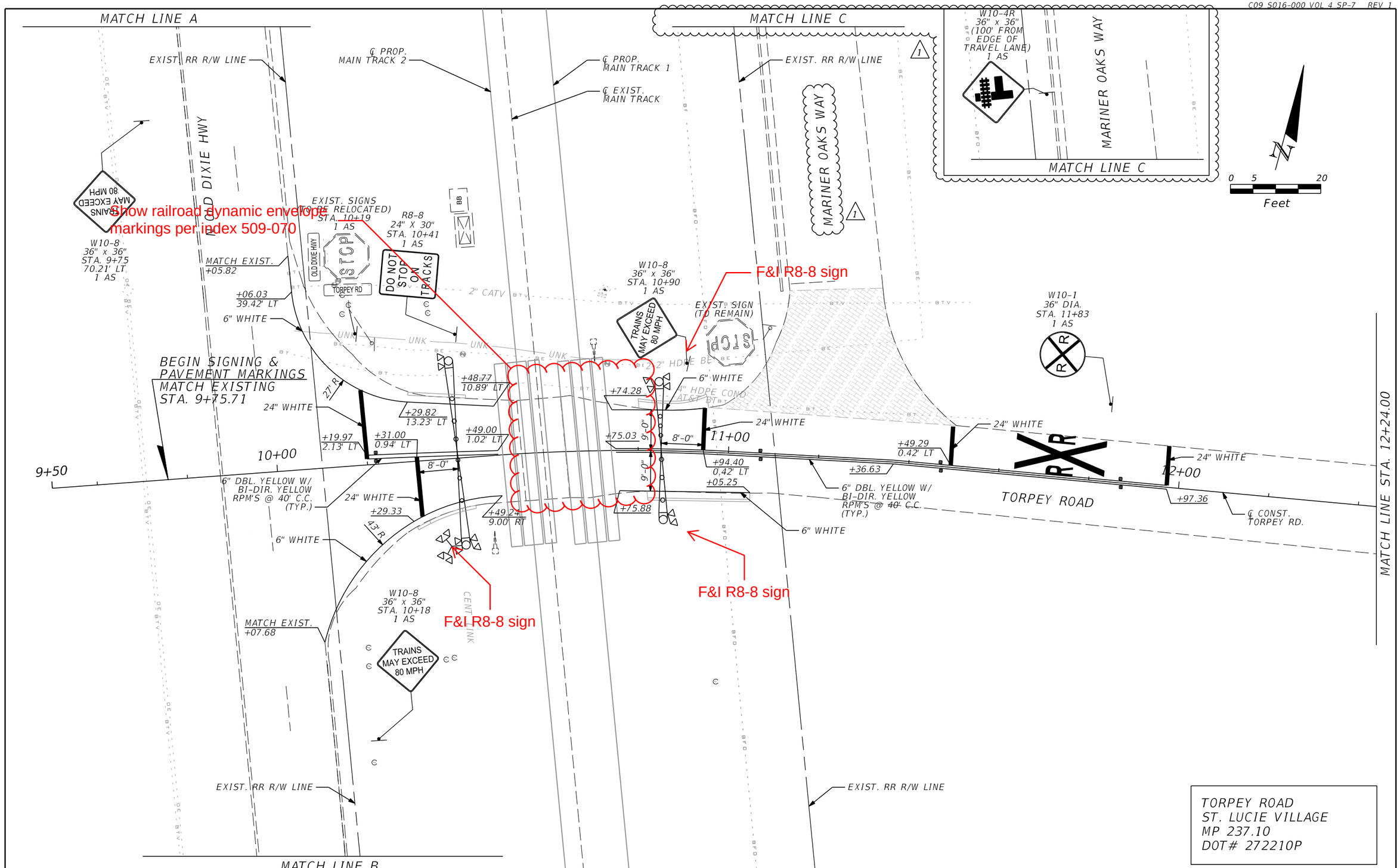

TORPEY ROAD
ST. LUCIE VILLAGE
MP 237.10
DOT# 272210P

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

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: 1"=20'

SHEET NO. SP-7

2/14/2020

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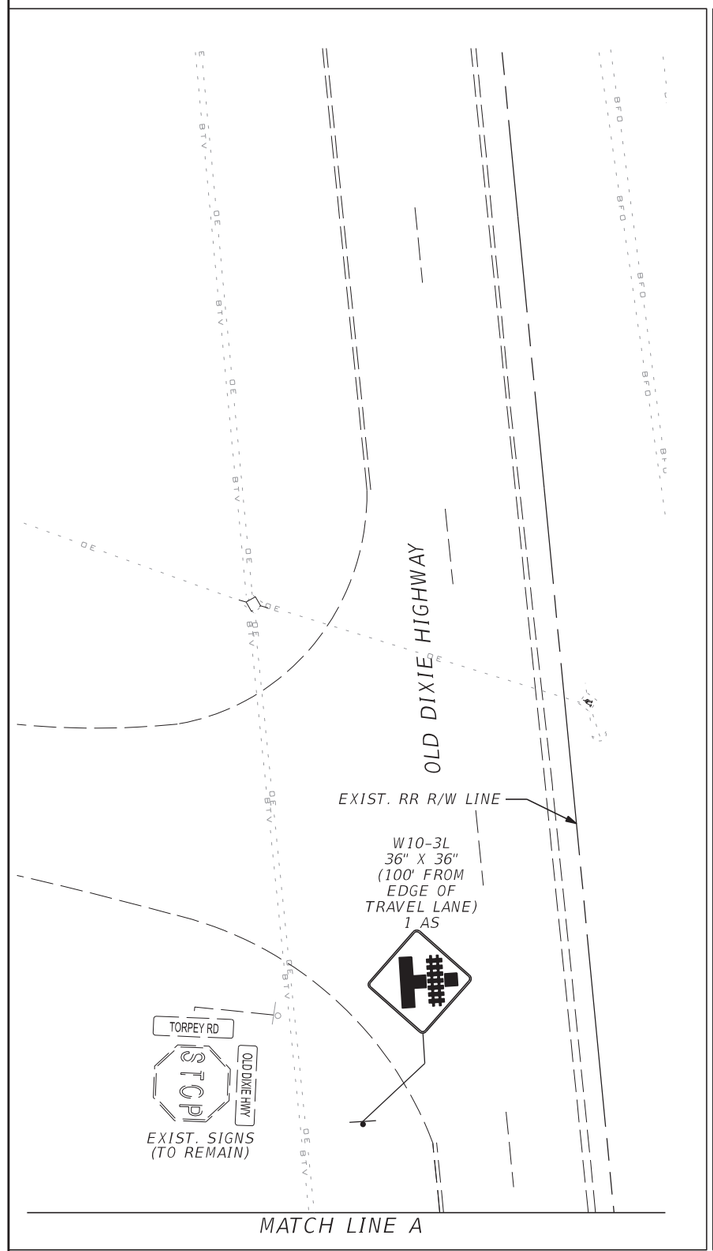

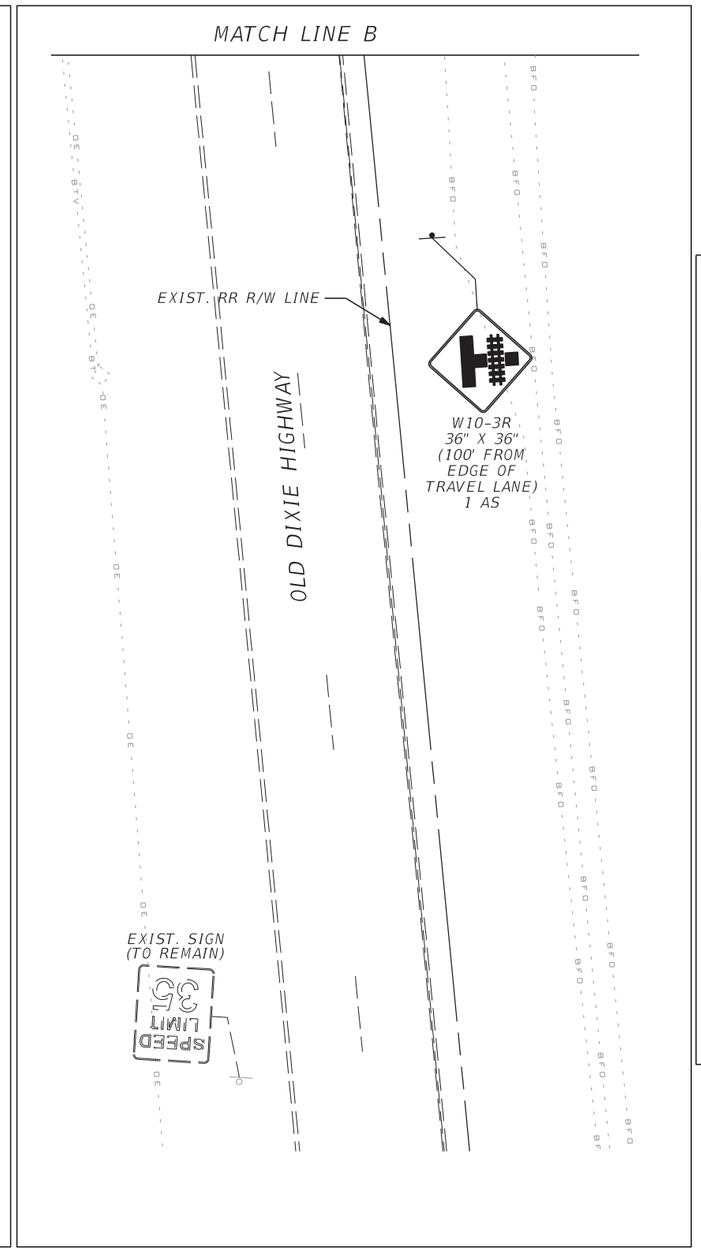

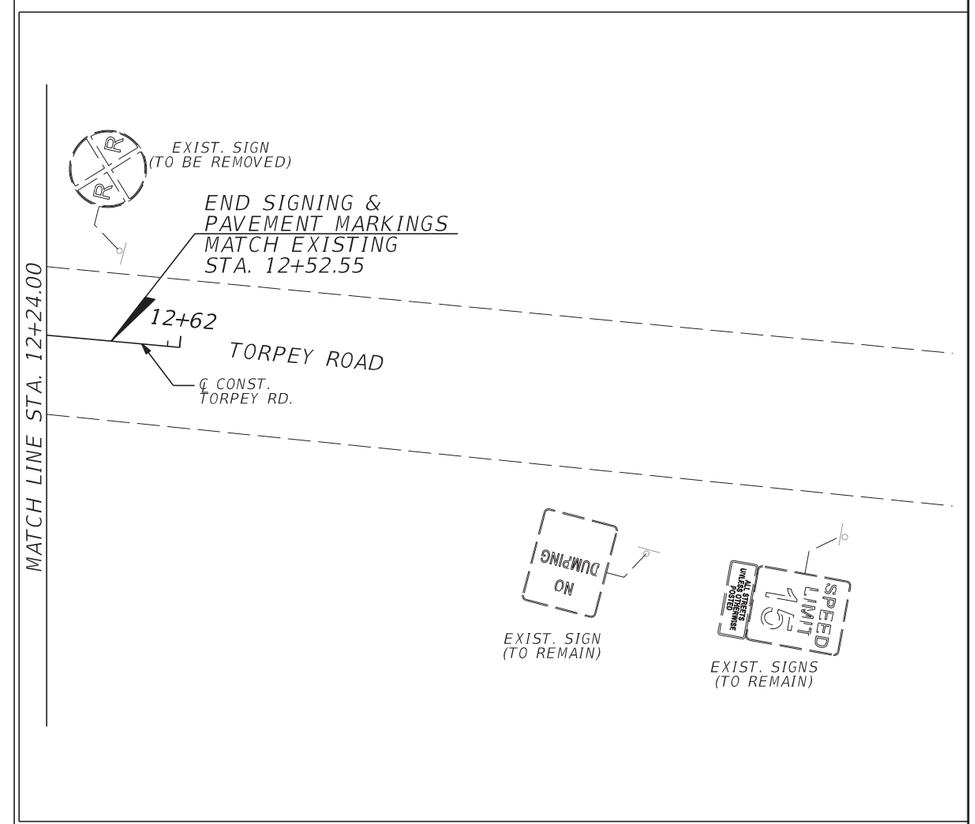

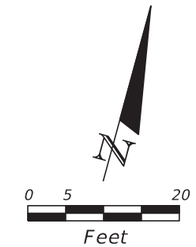

TORPEY ROAD
ST. LUCIE VILLAGE
MP 237.10
DOT# 272210P

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

SIGNING AND PAVEMENT MARKING PLAN

SCALE:	SHEET NO.
1"=20'	SP-7A
12/21/2018	

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

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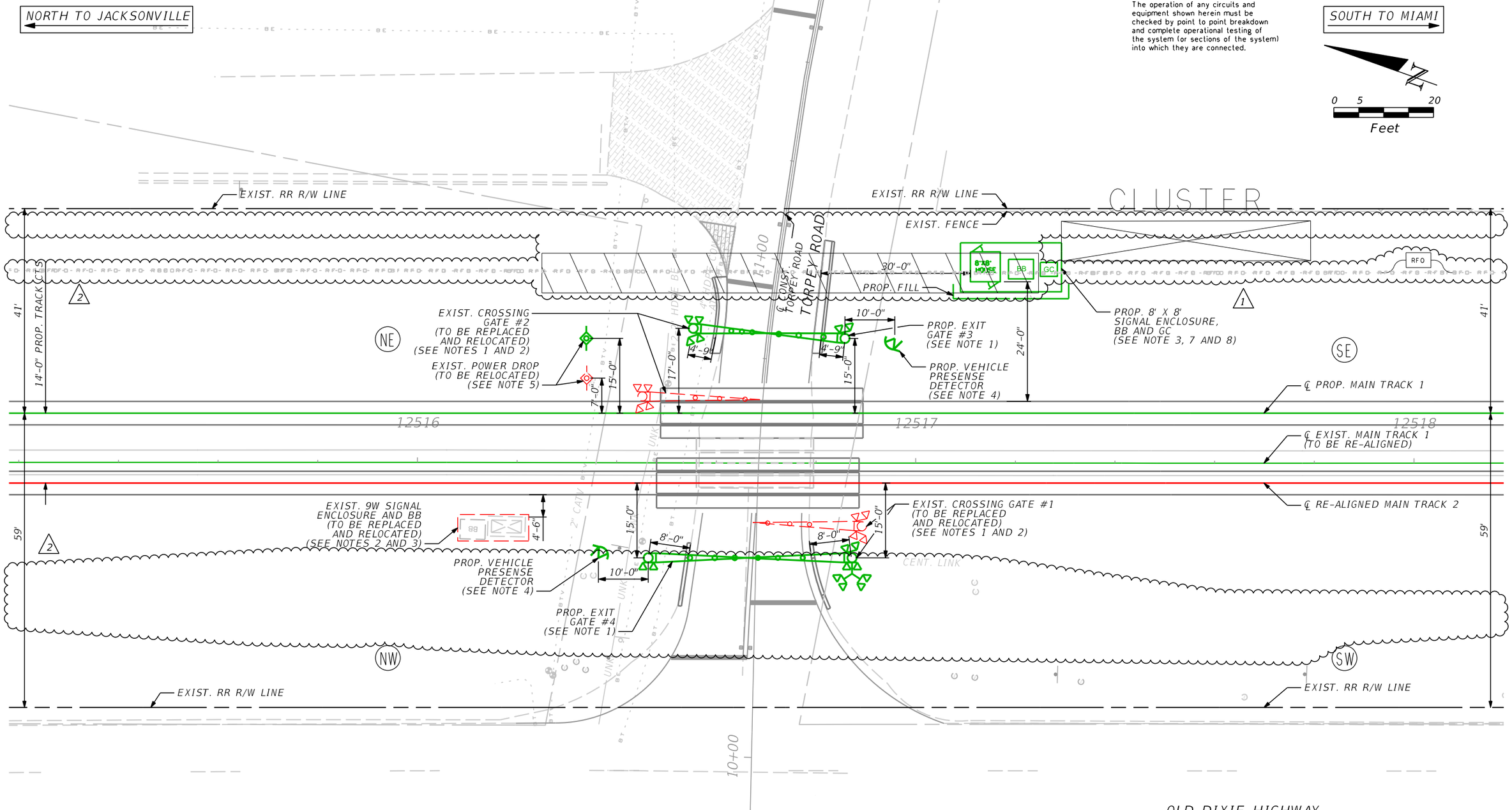
The operation of any circuits and equipment shown herein must be checked by point to point breakdown and complete operational testing of the system (or sections of the system) into which they are connected.



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-1 IN SERVICE TO BE SALVAGED, REPLACE WITH XP4 IN NEW SIGNAL ENCLOSURE.
4. FINAL PLACEMENT OF EQUIPMENT TO BE DICTATED BY SITE CONDITIONS.
5. EXISTING BURIED SIGNAL POWER SERVICE, AND POWER POLE, TO BE RELOCATED. CONFIRM SERVICE POINT AND ALL CONNECTION REQUIREMENTS WITH FPL. INCIDENTAL TO THE COST OF THE SIGNAL WORK.
6. 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.
7. 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.
8. FINAL HOUSE SIZE TO BE DETERMINED IN FINAL DESIGN

GREEN = IN RED = OUT

TORPEY ROAD
ST. LUCIE VILLAGE
MP 237.05
DOT# 272210P

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

ALL ABOARD FLORIDA

REVISIONS		
1	08/16/2019	
2	02/07/2020	

DR:	ILR / NRS / BS
DES:	ILR / NRS
CHK:	PS
APPR:	
DATE:	2/25/2020

FLORIDA EAST COAST RAILWAY
OFFICE OF THE CHIEF ENGINEER SIGNALS & COMMUNICATIONS
HIGHWAY CROSSING SIGNAL CIRCUITS
CROSSING LAYOUT - D09
TORPEY ROAD - MP 237+0273
DOT# 272210P

FILE	PLANCL272210P.DGN
DRAWING NO.	CL-7
SH. 1 OF 1	

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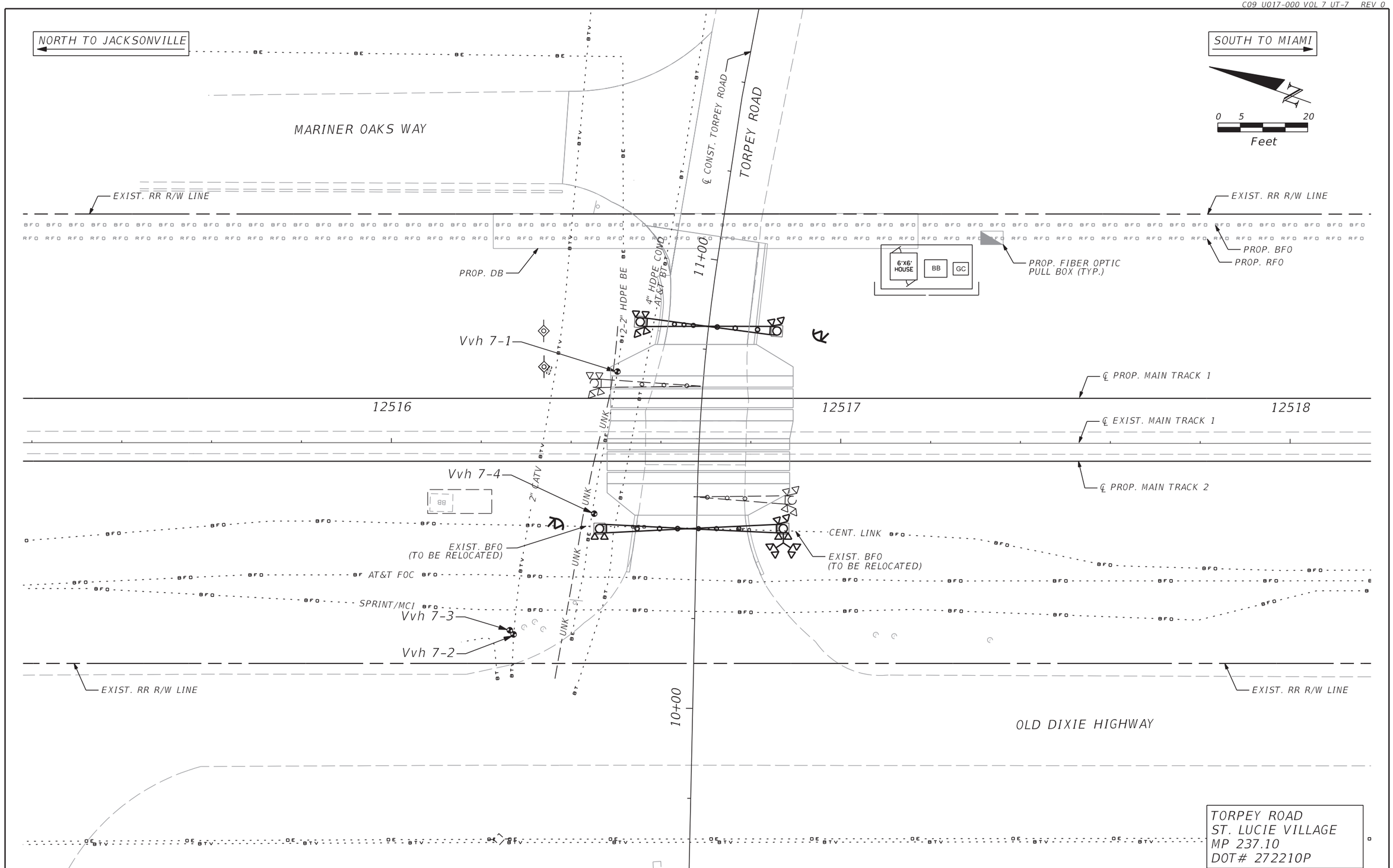

TORPEY ROAD
ST. LUCIE VILLAGE
MP 237.10
DOT# 272210P

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-7

URS 12/21/2018 12:07:27 PM ...\PLANUTAD272210P.DGN

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

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