



Florida Department of Transportation

RON DESANTIS
GOVERNOR

1000 NW 111 Avenue.
Miami, FL 33172-5800

ADDENDUM NO. 2

DATE: March 22, 2022

TO: PROPOSERS

FROM: Suzanne Diaz
Procurement Office
District Six

RE: Project / Proposal No.: E6M99
Financial Project No.: 446947-1-52-01
County: Miami-Dade County
Project Name: Wrong-Way Driving (WWD) Countermeasures at Various Ramp Locations

Proposers and other interested parties are informed that the above referenced Project documents are hereby revised, changed, and supplemented as set forth below.

The revised Request for Proposal (RFP) dated March 22, 2022, is located on the Design Build Websites at the following links:

[Procurement Development Application - Ad Detail \(fdot.gov\)](https://www.fdot.gov/procurement-development-application-ad-detail)

[District Six Design Build Contracts \(fdot.gov\)](https://www.fdot.gov/district-six-design-build-contracts)

REFERENCE DOCUMENTS

2-Concept Plans

'Point to Point Microwave Link' callout notes were removed from plans. See attached revised Reference Document 2-Concept Plans.

I. Introduction
Description of Work

Table 2: Work Description

Mainline	Ramp ID	Location	Work Description
I-95	1484	I-95 SB off-ramp to NW 69 St	<ul style="list-style-type: none"> •Install one pair of Wrong-Way signs. •Install one pair of LED Highlighted Wrong-Way signs and vehicle detection system.

Mainline	Ramp ID	Location	Work Description
	1491	I-95 SB off-ramp to Opa-Locka Blvd (Exit 10B)	<ul style="list-style-type: none"> •Milling and resurfacing along the off ramp from the first set of Wrong Way Arrows to 110-ft to the North. Milling and resurfacing along NW 6th Ct. from the off ramp to 120-ft to the North. New pavement markings within the milling and resurfacing area. •Install two pairs of Wrong-Way signs. •Retrofit west-side barrier wall at approximate Sta. 2206+10, install WWD equipment, and restore barrier wall. •Install one pair of LED Highlighted Wrong-Way signs and vehicle detection system.
	3	I-95 SB off-ramp to NW 81 St (Exit 7)	<ul style="list-style-type: none"> •Milling and resurfacing along the off ramp from the first set of Wrong Way Arrows to 100-ft to the North. New pavement markings within the milling and resurfacing area. Retrofit existing 24" white markings to provide high emphasis crosswalk at the intersection of NW 81 St. •Install one pair of Wrong-Way signs. •Install one pair of LED Highlighted Wrong-Way signs and vehicle detection system.
	M14	I-95 NB off-ramp to NW 151 St (Exit 11)	<ul style="list-style-type: none"> •Milling and resurfacing of the existing crosswalks on the North and East legs of the intersection of the I-95 NB Off-ramp and NW 151 St. Milling and resurfacing along the North leg of the intersection for 50-ft to remove existing loop and directional arrow. Milling and resurfacing along the EB right-turn lane to I-95 SB to remove conflicting markings. New raised median island on the East leg of the intersection of the I-95 NB Off-ramp and NW 151 St. to discourage left-turns into the off-ramp. New one-way sign on the new island, facing school driveway. New pavement markings within the milling and resurfacing area. •Install two pairs of Wrong-Way signs. •Install two pairs three LED Highlighted Wrong-Way signs and vehicle detection systems.
I-75	1374	I-75 SB off-ramp to NW 138 St/West 84 St (Exit 2)	<ul style="list-style-type: none"> •All new pavement, static signage and pavement markings to be completed by FPID 441836-1. •Install two pairs of LED Highlighted Wrong-Way signs and vehicle detection systems.

Mainline	Ramp ID	Location	Work Description
I-195	1367	I-195/SR 112/Julia Tuttle Cswy off-ramp to Alton Road North (Exit 5)	<ul style="list-style-type: none"> •Install M3-4, M1-1 and M6-1 sign assemblies on the EB and WB approaches to the intersection of Alton Rd and the Off-Ramp. •Install two pairs of Wrong-Way signs. •Install three pairs of LED Highlighted Wrong-Way signs and vehicle detection systems.
SR 826	1457	SR 826 NB off-ramp to SW 8 St	<ul style="list-style-type: none"> •Milling and resurfacing along the off-ramp from North of the crosswalk to 100-ft to the South. Mill and resurface existing crosswalk across SR 826 SB On ramp. New pavement markings within the milling and resurfacing area, including high emphasis crosswalks. Retrofit 24" White markings to provide high emphasis crosswalk on SR 826 NB Off-ramp to EB Tamiami Trail. Replace signal loops impacted by milling and resurfacing. •Install one pair of Wrong-Way signs. •Install two pairs of LED Highlighted Wrong-Way signs and vehicle detection systems.
	N2	SR 826 NB/SR 836 EB off-ramp to NW 72 Ave	<ul style="list-style-type: none"> •Retrofit 24" White markings to provide high emphasis crosswalk on SR 826/ SR 836 off-ramp to NW 72 Ave. •Install one pair of Wrong-Way signs. •Install two pairs of LED Highlighted Wrong-Way signs and vehicle detection systems.
	1441	SR 826 NB off-ramp to NW 36 St	<ul style="list-style-type: none"> •Milling and resurfacing along the off ramp from South of the crosswalk to 100-ft to the South. Mill and resurface existing crosswalk across SR 826 NB Off ramp to EB NW 36 St. New pavement markings within the milling and resurfacing area, including high emphasis crosswalks. Replace signal loops impacted by milling and resurfacing. •Install one pair of Wrong-Way signs. •Install two pairs of LED Highlighted Wrong-Way signs and vehicle detection systems.

Mainline	Ramp ID	Location	Work Description
	1472	SR 826 NB off-ramp to NW 25 St	<ul style="list-style-type: none"> •Milling and resurfacing of the existing crosswalk to realign it. Milling and resurfacing of 3 inside lanes from the crosswalk to 25-ft to the South. New pavement markings within the milling and resurfacing area, including high emphasis crosswalks. Replace signal loops impacted by milling and resurfacing. Relocate two W11-2 sign assemblies due to conflicts with WWD signage. •Install two pairs of Wrong-Way signs. •Install two pairs of LED Highlighted Wrong-Way signs and vehicle detection systems.
	1443	SR 826 NB off-ramp to West Flagler St	<ul style="list-style-type: none"> •Milling and resurfacing along the off ramp to remove the first set of existing Wrong-Way Arrows. New pavement markings within the milling and resurfacing area. •Install one pair of Wrong-Way signs. •Install two pairs of LED Highlighted Wrong-Way signs and vehicle detection systems.

II. Schedule of Events.

Table 3: Schedule of Events

Date	Event
1/18/2022	Planned Advertisement
1/31/2022	Official Advertisement
3/30/2022	Deadline for submittal of questions, for which a response is assured, prior to the submission of the Technical and Bid Price Proposals. All questions shall be submitted to the Pre-Bid Q&A website.
3/30/2022	Final deadline for submission of requests for Design Exceptions or Design Variations
4/6/2022	Deadline for the Department to post responses to the Pre-Bid Q&A website for questions submitted by the Design-Build Firms prior to the submittal of the Proposal.
4/11/2022	Technical Proposals and Price Proposals due in District Office by 2:00 p.m. local time
4/11/2022	Public announcing of Price Proposals at 3:00 p.m. local time in Florida Department of Transportation 1000 Northwest 111 Avenue Miami, Florida 33172

4/18/2022 4/19/2022	Public Meeting of Technical Review Committee to determine Responsiveness of Technical Proposal(s) at 2:00 p.m. local time in Florida Department of Transportation 1000 Northwest 111 Avenue Miami, Florida 33172
4/25/2022	Public Meeting of Selection Committee to determine intended Award (Final Selection Posting) at 10:00 a.m. local time in Florida Department of Transportation 1000 Northwest 111 Avenue Miami, Florida 33172
4/25/2022	Posting of the Department's intended decision to Award
5/9/2022	FHWA Concurrence to Award
5/16/2022	Anticipated Award Date
5/31/2022	Anticipated Execution Date

You must acknowledge receipt of this **Addendum Two** when you submit your bid. **All other documents of the subject project remain unchanged.**

Failure to file a protest within the time prescribed in section 120.57(3), Florida Statutes, or failure to post the bond or other security required by law within the time allowed for filing a bond shall constitute a waiver of proceedings under chapter 120, Florida Statutes.

CONTRACT PLANS COMPONENTS

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	GENERAL NOTES
3 - 10	PROJECT LAYOUT
11 - 23	CONCEPT PLANS
24 - 26	SPECIAL DETAILS
27 - 28	TEMPORARY TRAFFIC CONTROL PLAN

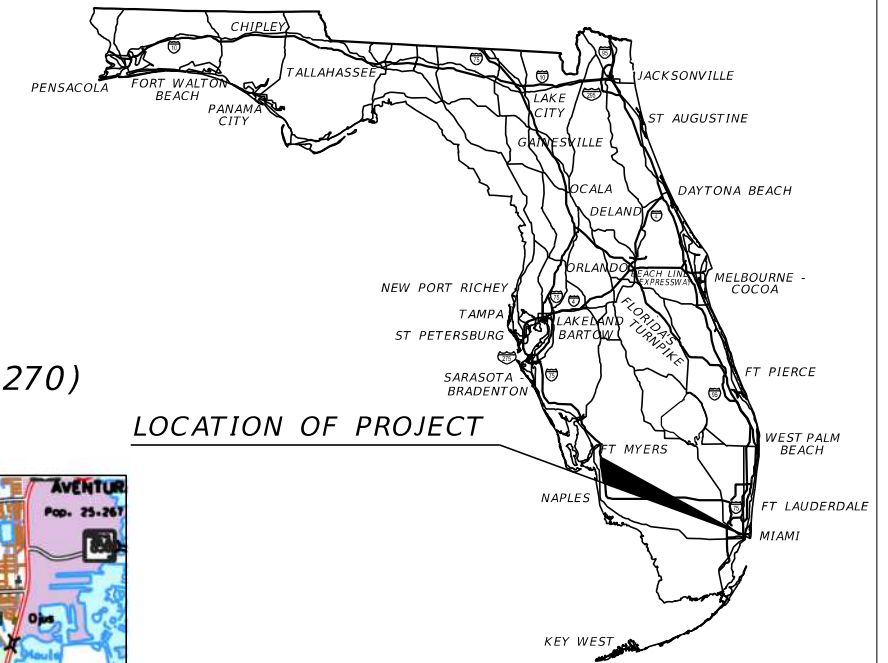
**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION**

CONCEPT PLANS

**FINANCIAL PROJECT ID 446947-1-52-01
(FEDERAL FUNDS)**

MIAMI-DADE COUNTY (87004, 87037201, 87075, 87200213, 87260, 87270)

**STATE ROAD NOS. 112, 826, 924, 9
WRONG WAY DRIVING INITIATIVE AT VARIOUS RAMP LOCATIONS**



LOCATION OF PROJECT

**I-75 SB RAMP TO NW 138 ST
RAMP ID NO. 1374**

**SR 826 NB RAMP TO NW 36 ST
RAMP ID NO. 1441**

**SR 826 NB RAMP TO NW 25 ST
RAMP ID NO. 1472**

**SR 826 NB RAMP TO NW 72 AVE
RAMP ID NO. N2**

**SR 826 NB RAMP TO W FLAGLER ST
RAMP ID NO. 1443**

**SR 826 NB RAMP TO SW 8 ST
RAMP ID NO. 1457**

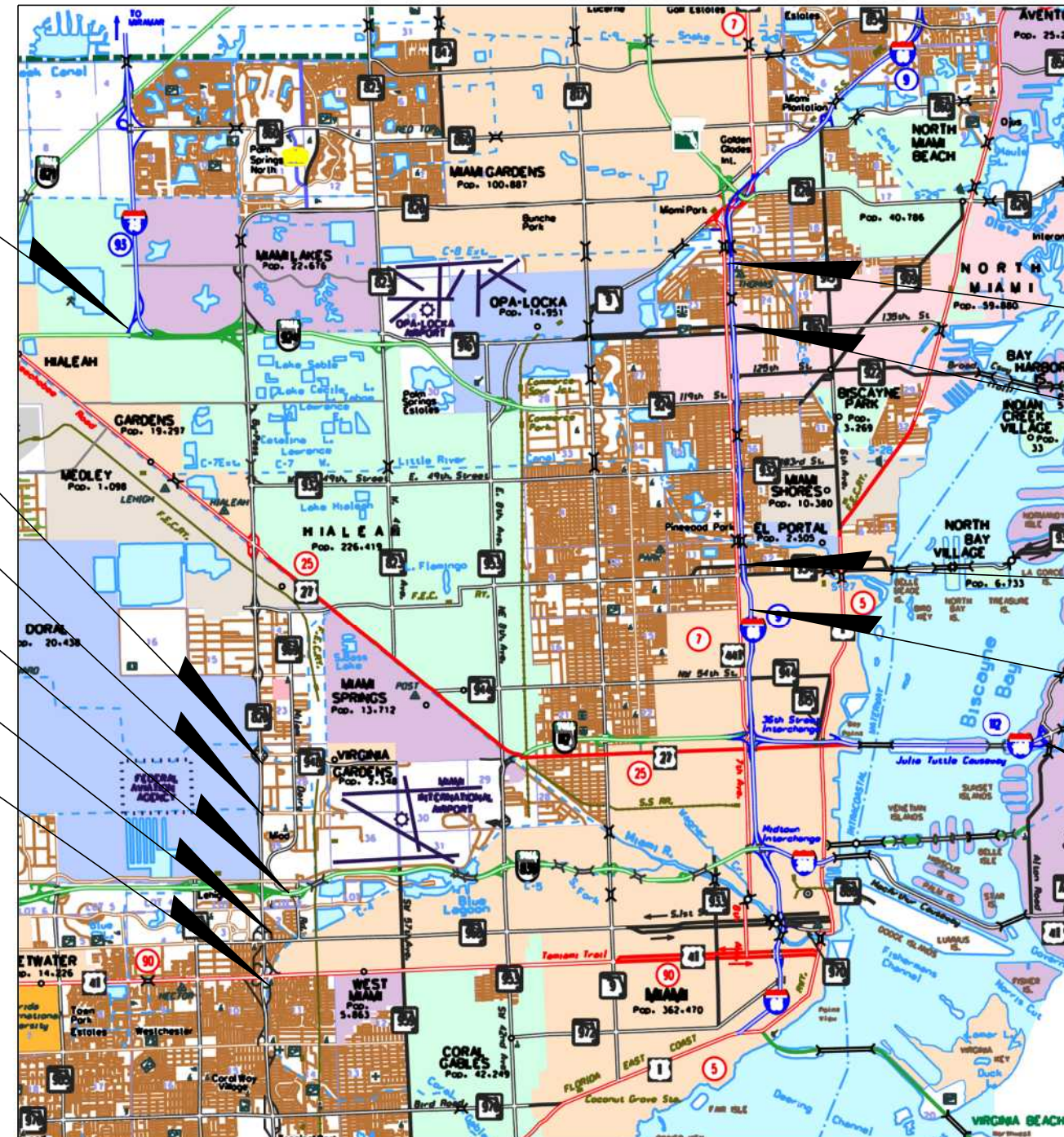
**I-95 NB RAMP TO NW 151 ST
RAMP ID NO. M14**

**I-95 SB RAMP TO OPA LOCKA BLVD
RAMP ID NO. 1491**

**I-95 SB RAMP TO NW 81 ST
RAMP ID NO. 3**

**I-95 SB RAMP TO NW 69 ST
RAMP ID NO. 1484**

**I-195 EB RAMP TO NB ALTON RD
RAMP ID NO. 1367**



GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2021-22 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

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

Standard Plans for Bridge Construction are included in the Structures Plans Component

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, July 2021 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

**FDOT PROJECT MANAGER:
IVETTE FUNTANELLAS, P.E.**

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
E6M99	21	1

SIGNING AND PAVEMENT MARKING:

1. ALL R5-1, R5-1A AND R6-1 ASSEMBLIES ARE TO INCLUDE RETROREFLECTIVE STRIP MOUNTED BELOW THE SIGN PANEL.

ITS:

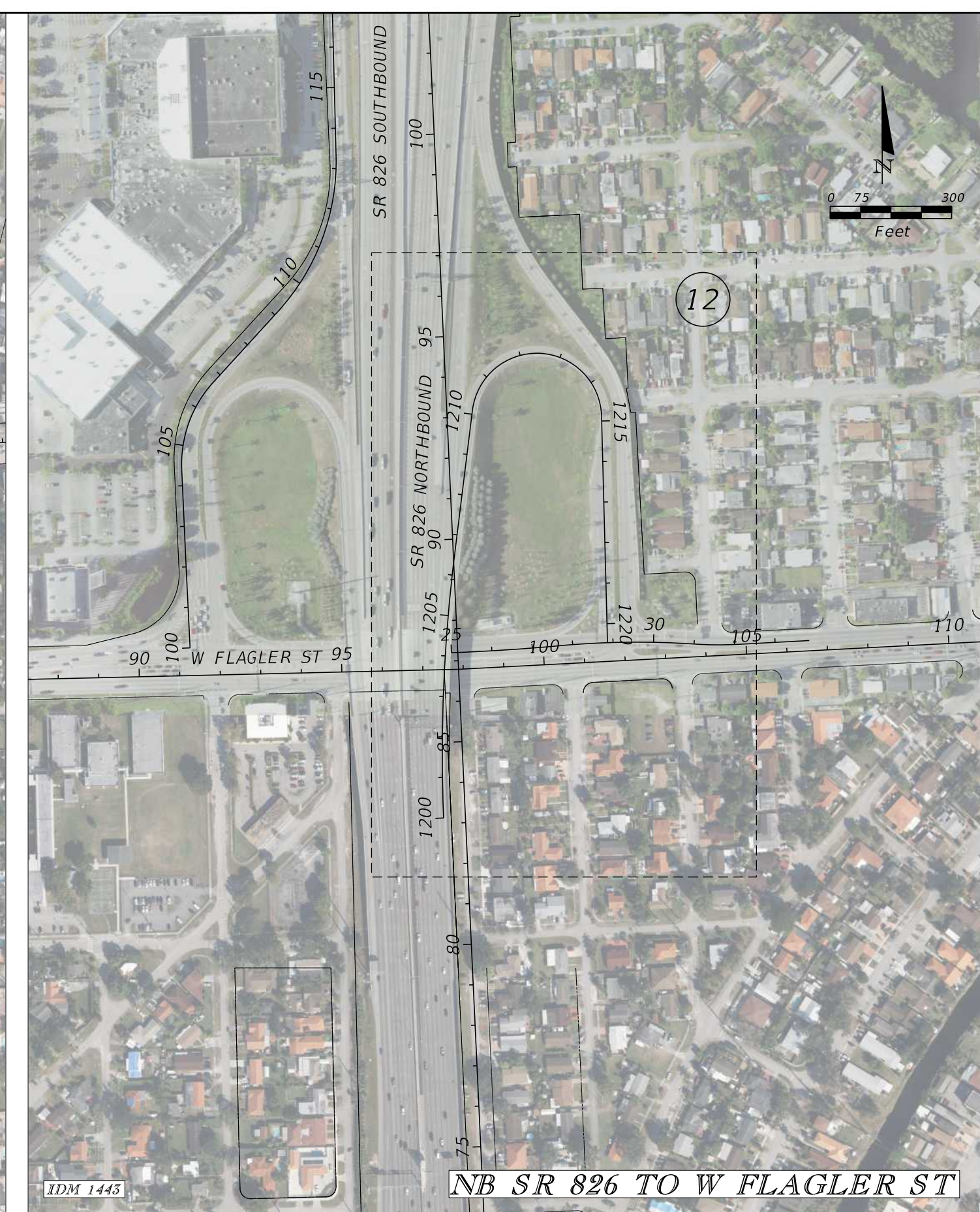
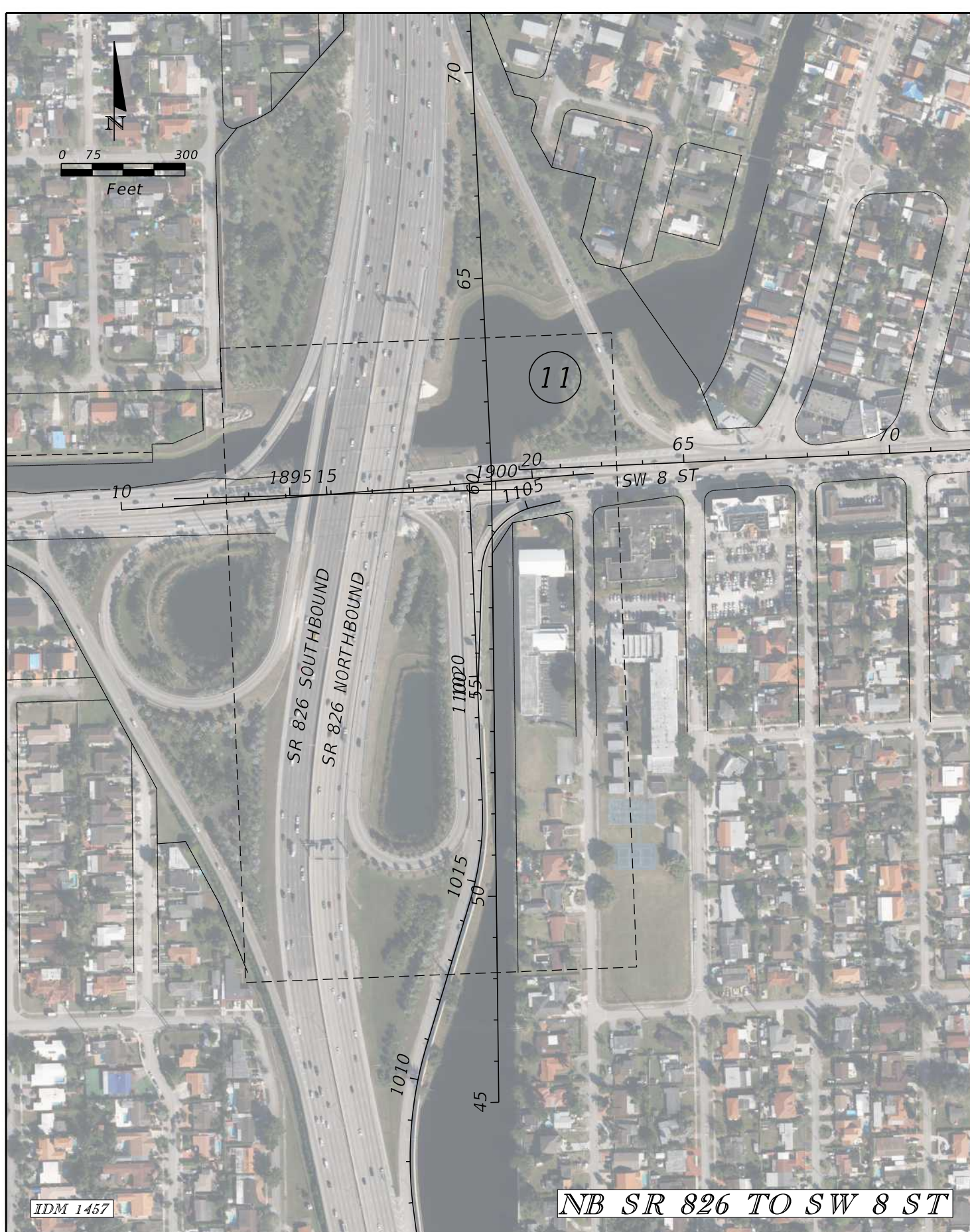
GROUND MOUNTED ITS CABINET INSTALLATION NOTES:

1. ENSURE PLACEMENT MEETS CLEARZONE REQUIREMENTS.
2. PROVIDE A 3' WIDE X 3' DEEP X 4" THICK CONCRETE MAINTENANCE PAD IN FRONT OF CABINET DOOR.
3. EXPAND MAINTENANCE PAD DIMENSIONS TO INCORPORATE ADJACENT PULL BOXES, IF NECESSARY.
4. MAINTENANCE PAD SHALL BE ESSENTIALLY FLAT, WITH MINIMUM SLOPE FOR RUNOFF.
5. FOR CABINETS INSTALLED ON SLOPES, MODIFY THE EMBANKMENT, AS NECESSARY, TO ACCOMMODATE THE PAD.
6. IF REQUIRED, UTILIZE HANDRAILS ON MAINTENANCE PAD; ADJUST PAD DIMENSIONS, AS APPROPRIATE.

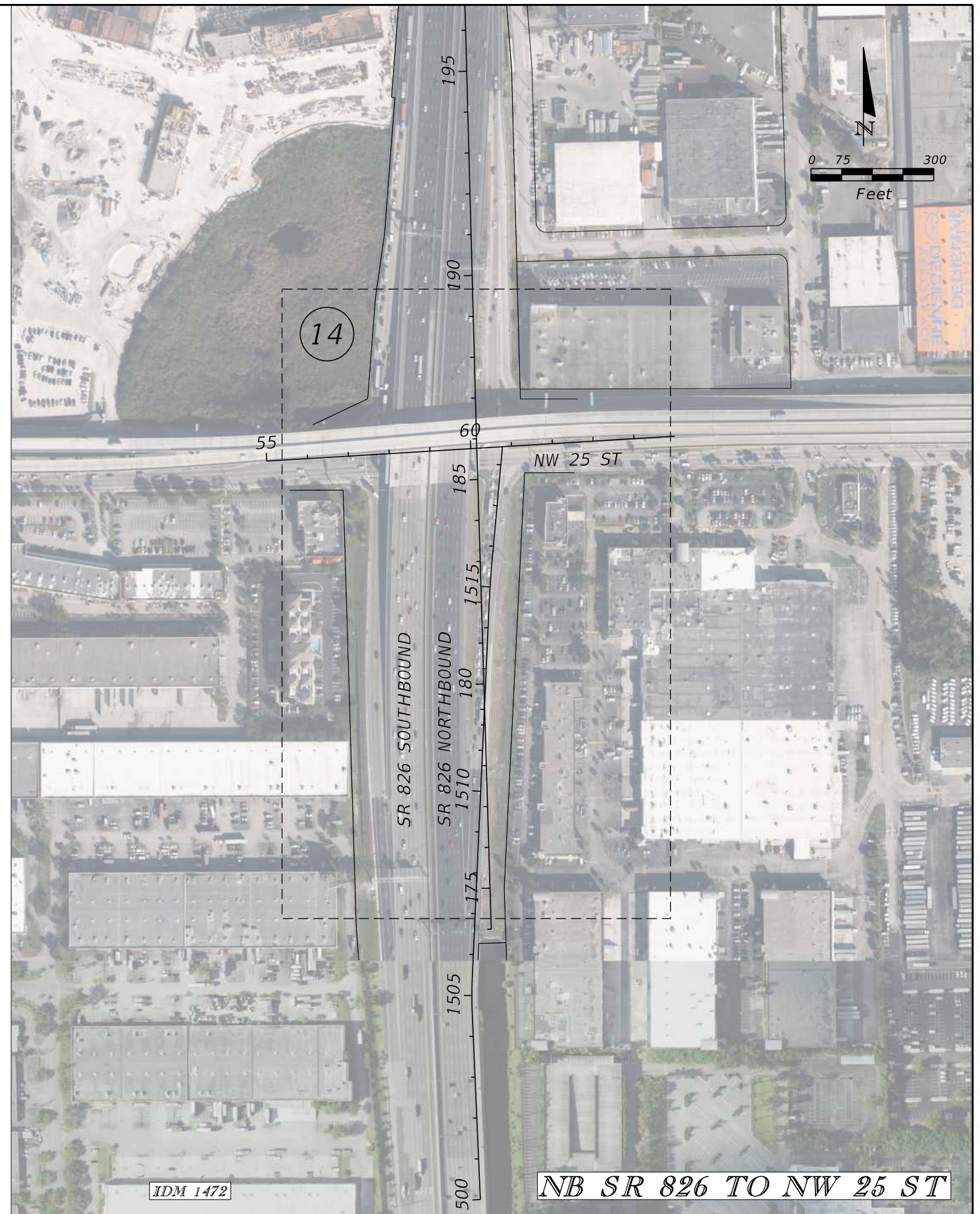
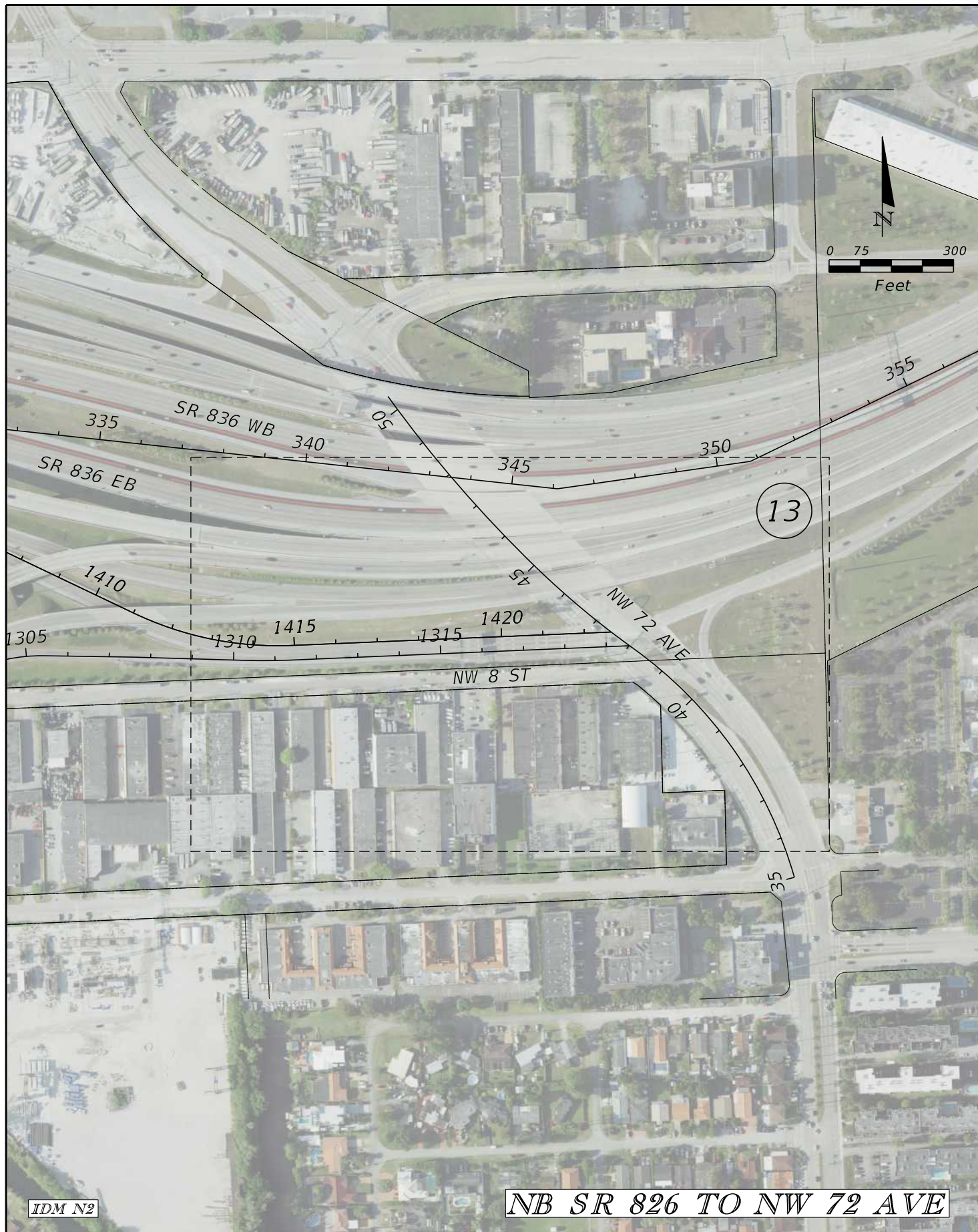
ENVIRONMENTAL:

1. NO STAGING OR OTHER ACTIVITIES FOR THIS PROJECT SHALL OCCUR WITHIN THE CORAL GABLES (C-3) CANAL, GRAHAMS DAIRY CANAL, DRESSELS DAIRY CANAL, NORTH LINE CANAL, TAMiami (C-4) CANAL, OR THE BISCAYNE BAY RIGHT-OF-WAYS WITHOUT FIRST OBTAINING A SFWMD RIGHT-OF-WAY OCCUPANCY USE PERMIT OR MIAMI-DADE COUNTY DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES DIVISION OF ENVIRONMENTAL RESOURCE MANAGEMENT (RER DERM) CLASS III PERMIT.
2. A LOCATION WHERE HUMAN REMAINS WERE REINTERRED UNDER THE RAMP SHOULDER IS ALSO NEAR THE PROPOSED WORK AT THE SR 826/SR836 OFF-RAMP TO NW 72ND AVENUE, EAST OF A PROPOSED PULL BOX ON THE SOUTH SIDE OF THE RAMP. THIS LOCATION IS MARKED AS "SOLUTION HOLES" ON ROADWAY PLANS SHEET NO. 7-18 FOR THE 826/836 PROJECT (249581-1-52-01), INCLUDED AS A REFERENCE DOCUMENT. THE HOLE CONTAINING THE REMAINS HAS BEEN FILLED AND COVERED BY A 4'-BY-4', 3/4"-THICK STEEL PLATE, WHICH IS NOW UNDER PAVEMENT. NO DIRECTIONAL BORING OR OTHER GROUND DISTURBANCE MAY CROSS THIS AREA IN ORDER TO PRESERVE THIS BURIAL SITE."
3. IN THE EVENT THAT ARCHAEOLOGICAL RESOURCES ARE FOUND, THE D-B FIRM WILL PREPARE THE UNANTICIPATED FINDS PLAN (UFP) AS APPROPRIATE IN ORDER TO IDENTIFY THE PROPER CONTACTS AT THE TIME OF CONSTRUCTION. THE D-B FIRM WILL CIRCULATE THE UFP TO THE FDOT DISTRICT 6 CULTURAL RESOURCES COORDINATOR FOR REVIEW AND APPROVAL, AND THE UFP WILL NEED TO BE FINALIZED PRIOR TO THE BEGINNING OR CONTINUATION OF PROJECT CONSTRUCTION. THE DRAFT UFP TEMPLATE IS PROVIDED AS A REFERENCE DOCUMENT.
4. THE DESIGN-BUILD TEAM SHALL COMPLY WITH THE NEPA PROCESS AND THE CONDITIONS SET FORTH IN THE TYPE 1 CATEGORICAL EXCLUSION CHECKLIST WHICH IS INCLUDED AS A REFERENCE DOCUMENT. THE DESIGN-BUILD TEAM MUST COMPLY WITH ALL COMMITMENTS. NO CONSTRUCTION ON THE PROJECT MAY COMMENCE UNTIL THE PLAN REVIEW AND NEPA PROCESS IS COMPLETE. AFTER AWARD OF THE PROJECT, THE DESIGN-BUILD TEAM SHALL PROVIDE THE FINAL DESIGN PLANS TO THE FDOT FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. THE FDOT WILL REVIEW AND DETERMINE IF CHANGES IN THE PROJECT'S PROPOSED DESIGN WOULD REQUIRE A NEPA RE-EVALUATION/UPDATE. THE DESIGN-BUILD TEAM SHALL PREPARE THE REQUIRED NEPA RE-EVALUATION/UPDATE, INCLUDING ANY RELATED ANALYSES NEEDED, AND SUBMIT IT TO FDOT FOR REVIEW AND APPROVAL.

REVISIONS				GANNETT FLEMING, INC. 800 NW 62 AVENUE MIAMI, FL 33126	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						MIAMI-DADE	446947-1-52-01		



REVISIONS		GANNETT FLEMING, INC.		STATE OF FLORIDA		PROJECT NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEPARTMENT OF TRANSPORTATION	FINANCIAL PROJECT ID	
				800 NW 62 AVENUE	MIAMI-DADE	3
				MIAMI, FL 33126	446947-1-52-01	



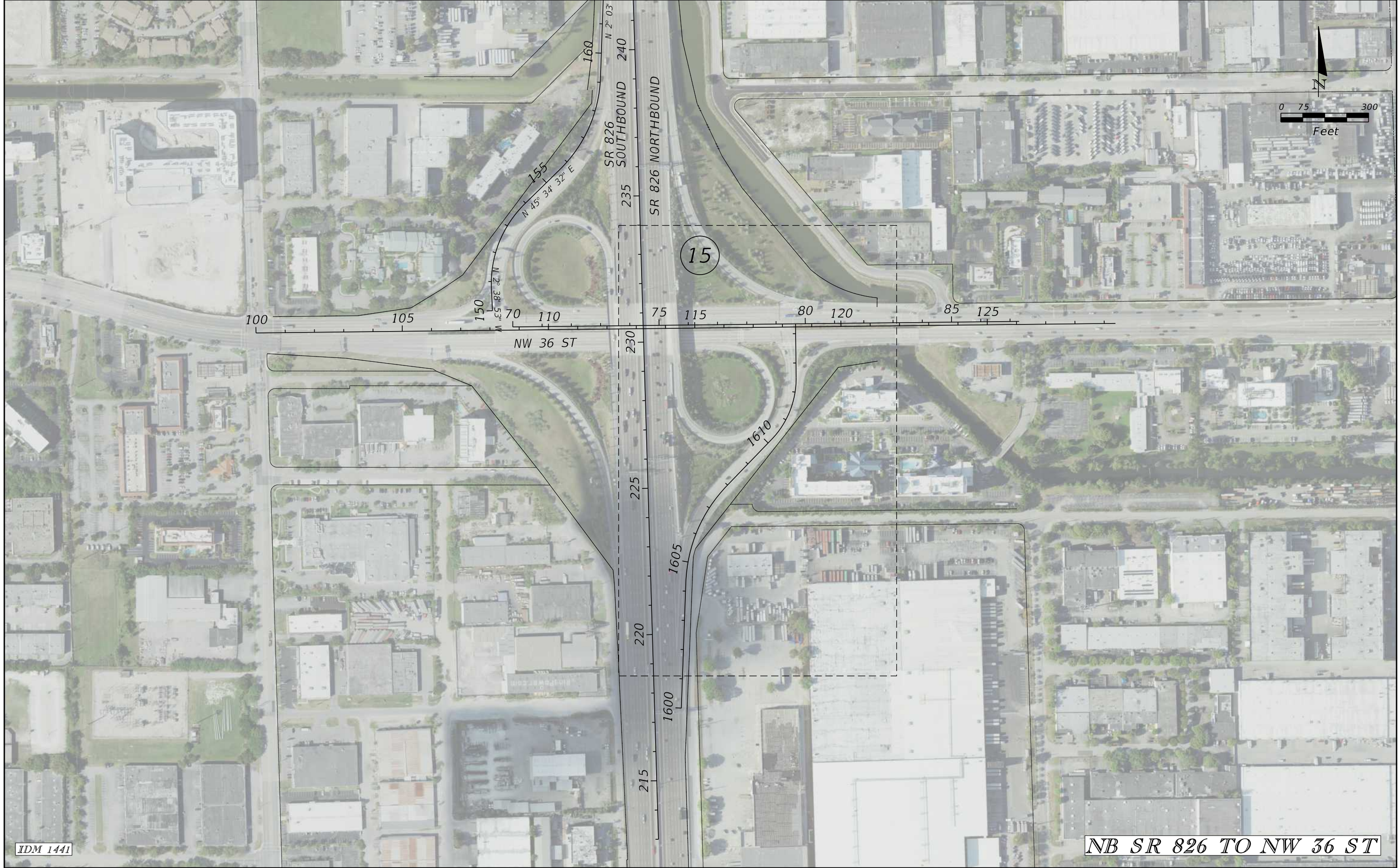
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

GANNETT FLEMING, INC.
 800 NW 62 AVENUE
 MIAMI, FL 33126

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	MIAMI-DADE	446947-1-52-01

PROJECT LAYOUT

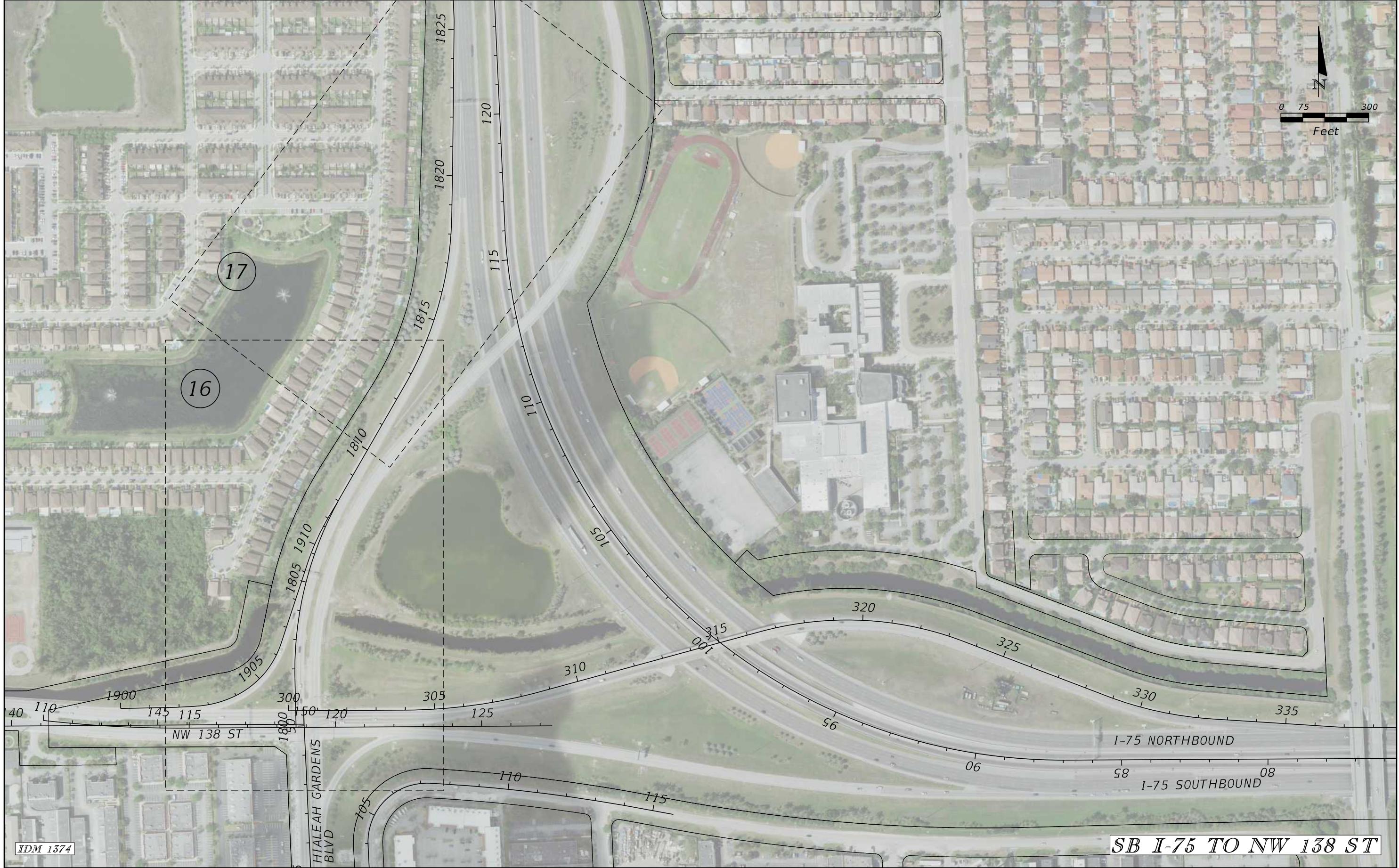
SHEET NO.
4



IDM 1441

NB SR 826 TO NW 36 ST

REVISIONS				GANNETT FLEMING, INC. 800 NW 62 AVENUE MIAMI, FL 33126	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT	SHEET NO. 5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					MIAMI-DADE	446947-1-52-01			



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

GANNETT FLEMING, INC.
 800 NW 62 AVENUE
 MIAMI, FL 33126

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	MIAMI-DADE	446947-1-52-01

PROJECT LAYOUT

SHEET NO.
6



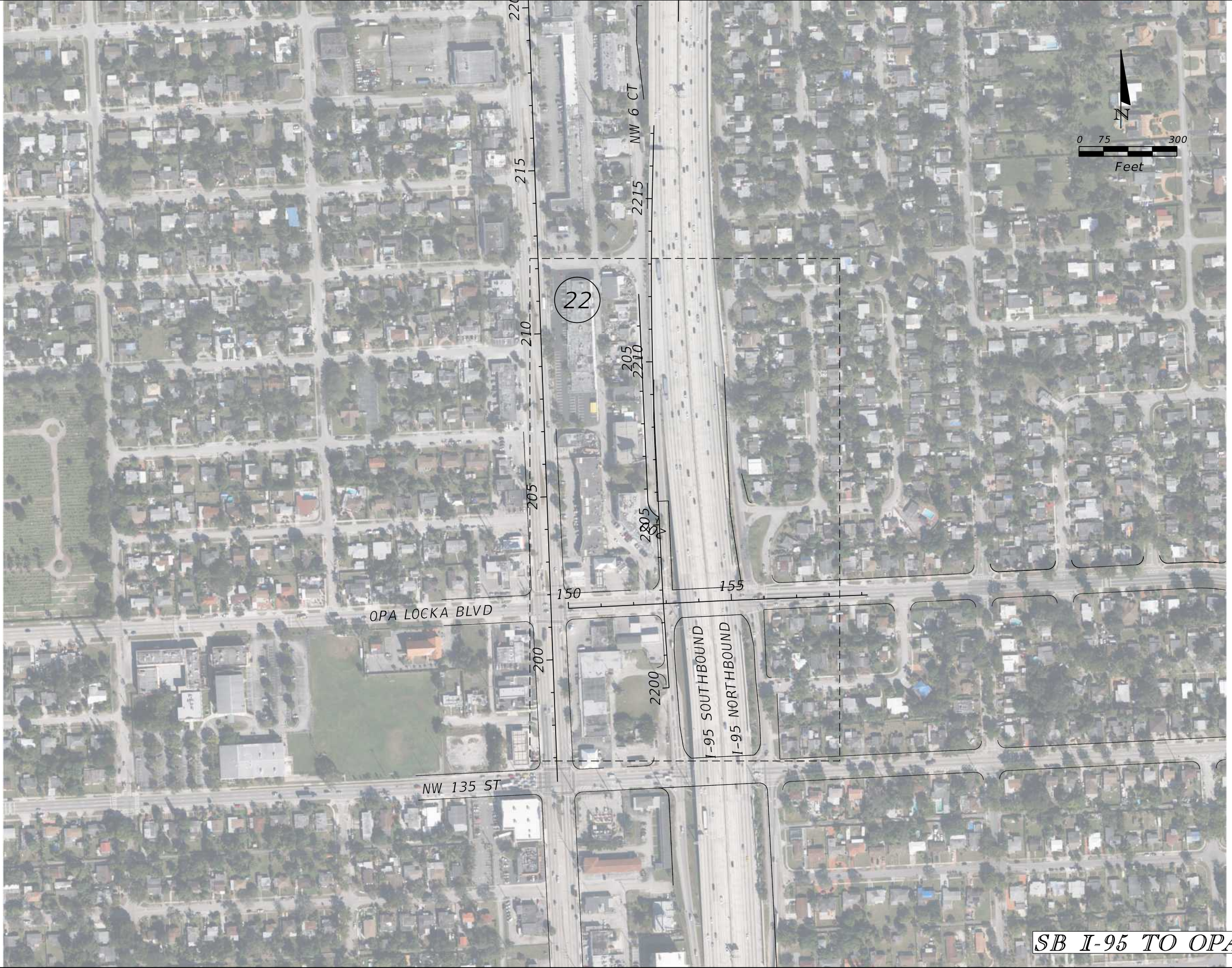
IDM 1367

I-195 EB TO NB ALTON RD

REVISIONS				GANNETT FLEMING, INC. 800 NW 62 AVENUE MIAMI, FL 33126	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT	SHEET NO. 7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					MIAMI-DADE	446947-1-52-01			



REVISIONS				GANNETT FLEMING, INC. 800 NW 62 AVENUE MIAMI, FL 33126	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT	SHEET NO. 8
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					MIAMI-DADE	446947-1-52-01			



IDM 1491

SB I-95 TO OPA LOCKA BLVD

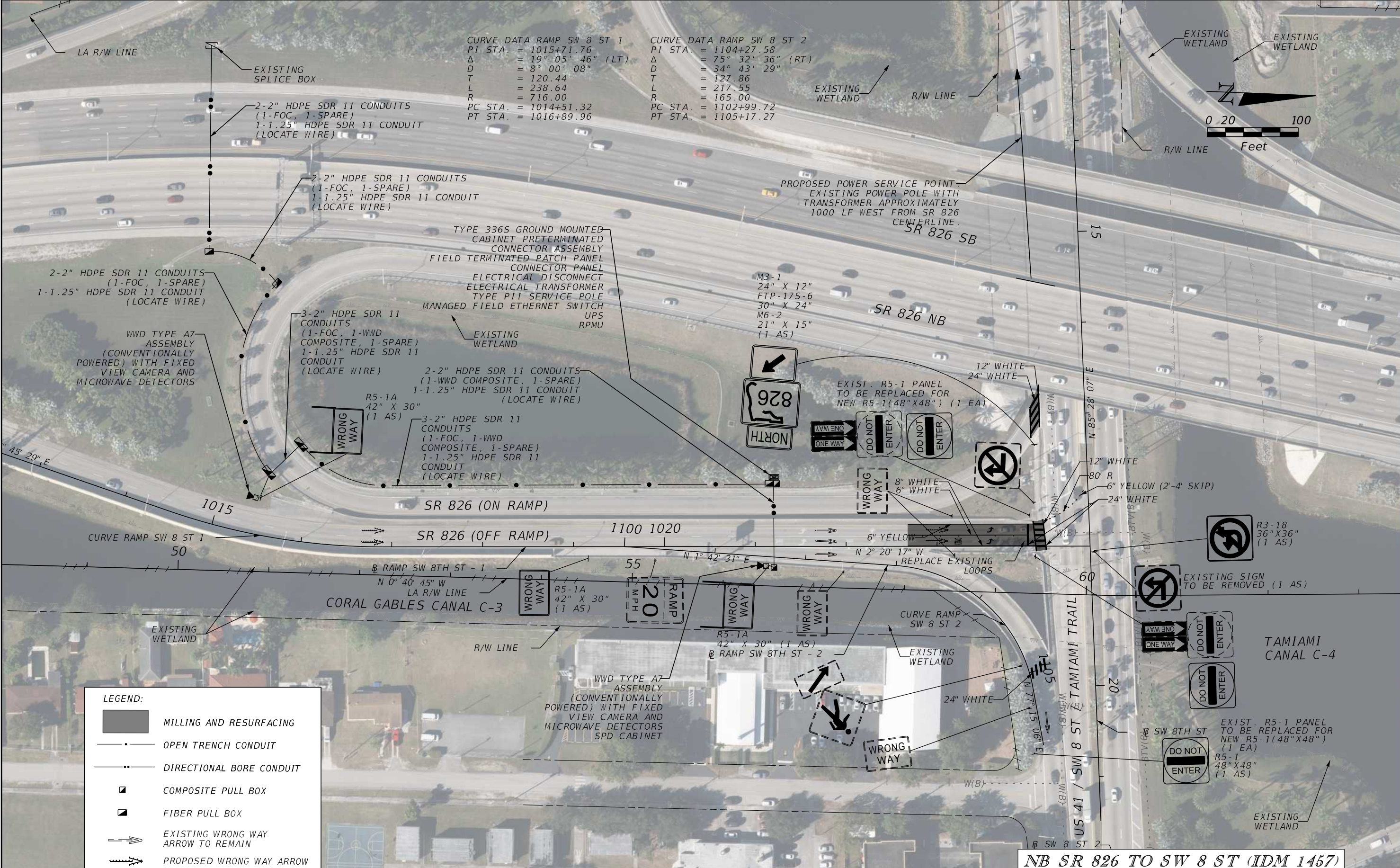
DATE		DESCRIPTION		REVISIONS		GANNETT FLEMING, INC. 800 NW 62 AVENUE MIAMI, FL 33126	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 9
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY		FINANCIAL PROJECT ID			
							MIAMI-DADE	446947-1-52-01	PROJECT LAYOUT	



IDM M14

NB I-95 TO NW 151 ST

REVISIONS				GANNETT FLEMING, INC. 800 NW 62 AVENUE MIAMI, FL 33126	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT	SHEET NO. 10
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					MIAMI-DADE	446947-1-52-01			



REVISIONS	
DATE	DESCRIPTION

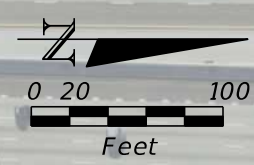
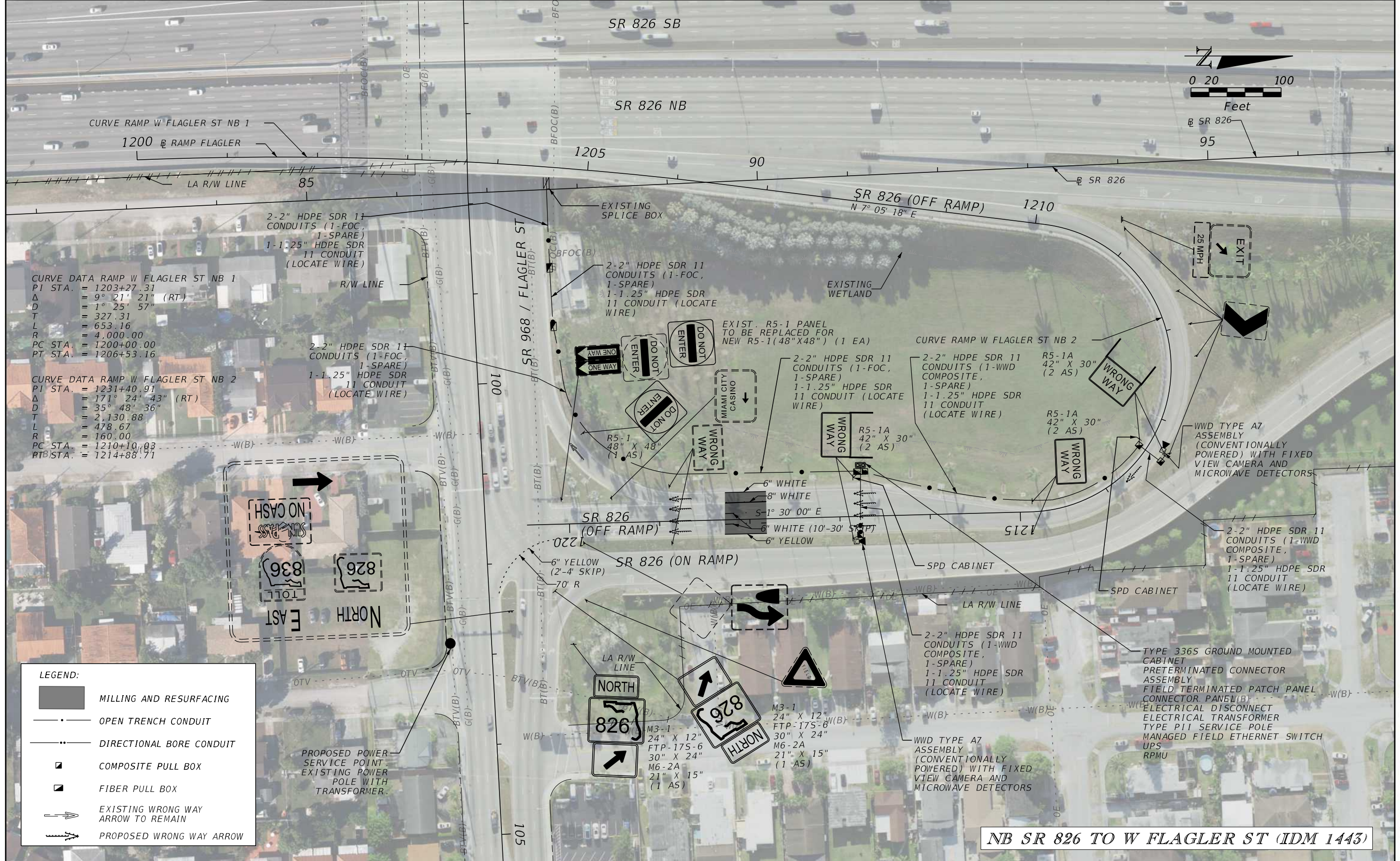
GANNETT FLEMING, INC.
 800 NW 62 AVENUE
 MIAMI, FL 33126

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	MIAMI-DADE	446947-1-52-01

NB SR 826 TO SW 8 ST (IDM 1457)

CONCEPT PLANS

SHEET NO.
11



CURVE DATA RAMP W FLAGLER ST NB 1
 PI STA. = 1203+27.31
 Δ = 9° 21' 21" (RT)
 D = 1° 25' 57"
 T = 327.31
 L = 653.16
 R = 4,000.00
 PC STA. = 1200+00.00
 PT STA. = 1206+53.16

CURVE DATA RAMP W FLAGLER ST NB 2
 PI STA. = 1231+40.91
 Δ = 171° 24' 43" (RT)
 D = 35° 48' 36"
 T = 2,130.88
 L = 478.67
 R = 160.00
 PC STA. = 1210+10.03
 PT STA. = 1214+88.71

LEGEND:

	MILLING AND RESURFACING
	OPEN TRENCH CONDUIT
	DIRECTIONAL BORE CONDUIT
	COMPOSITE PULL BOX
	FIBER PULL BOX
	EXISTING WRONG WAY ARROW TO REMAIN
	PROPOSED WRONG WAY ARROW

NB SR 826 TO W FLAGLER ST (IDM 1443)

REVISIONS				GANNETT FLEMING, INC. 800 NW 62 AVENUE MIAMI, FL 33126	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 12
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					MIAMI-DADE	446947-1-52-01		

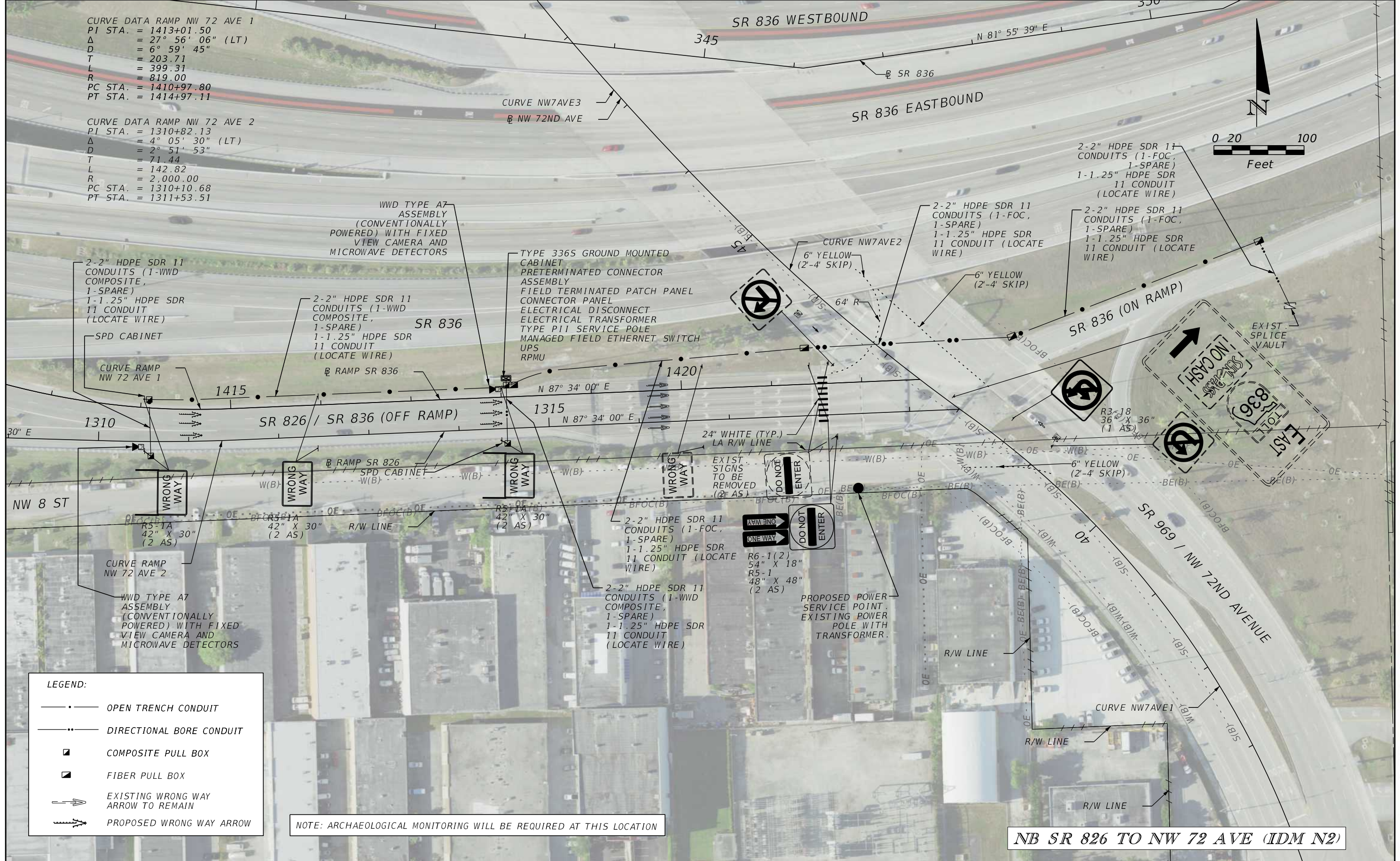
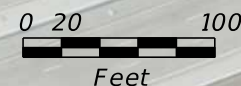
CURVE DATA RAMP NW 72 AVE 1
 PI STA. = 1413+01.50
 Δ = 27° 56' 06" (LT)
 D = 6° 59' 45"
 T = 203.71
 L = 399.31
 R = 819.00
 PC STA. = 1410+97.80
 PT STA. = 1414+97.11

CURVE DATA RAMP NW 72 AVE 2
 PI STA. = 1310+82.13
 Δ = 4° 05' 30" (LT)
 D = 2° 51' 53"
 T = 71.44
 L = 142.82
 R = 2,000.00
 PC STA. = 1310+10.68
 PT STA. = 1311+53.51

CURVE NW7AVE3
 NW 72ND AVE

SR 836 WESTBOUND

SR 836 EASTBOUND



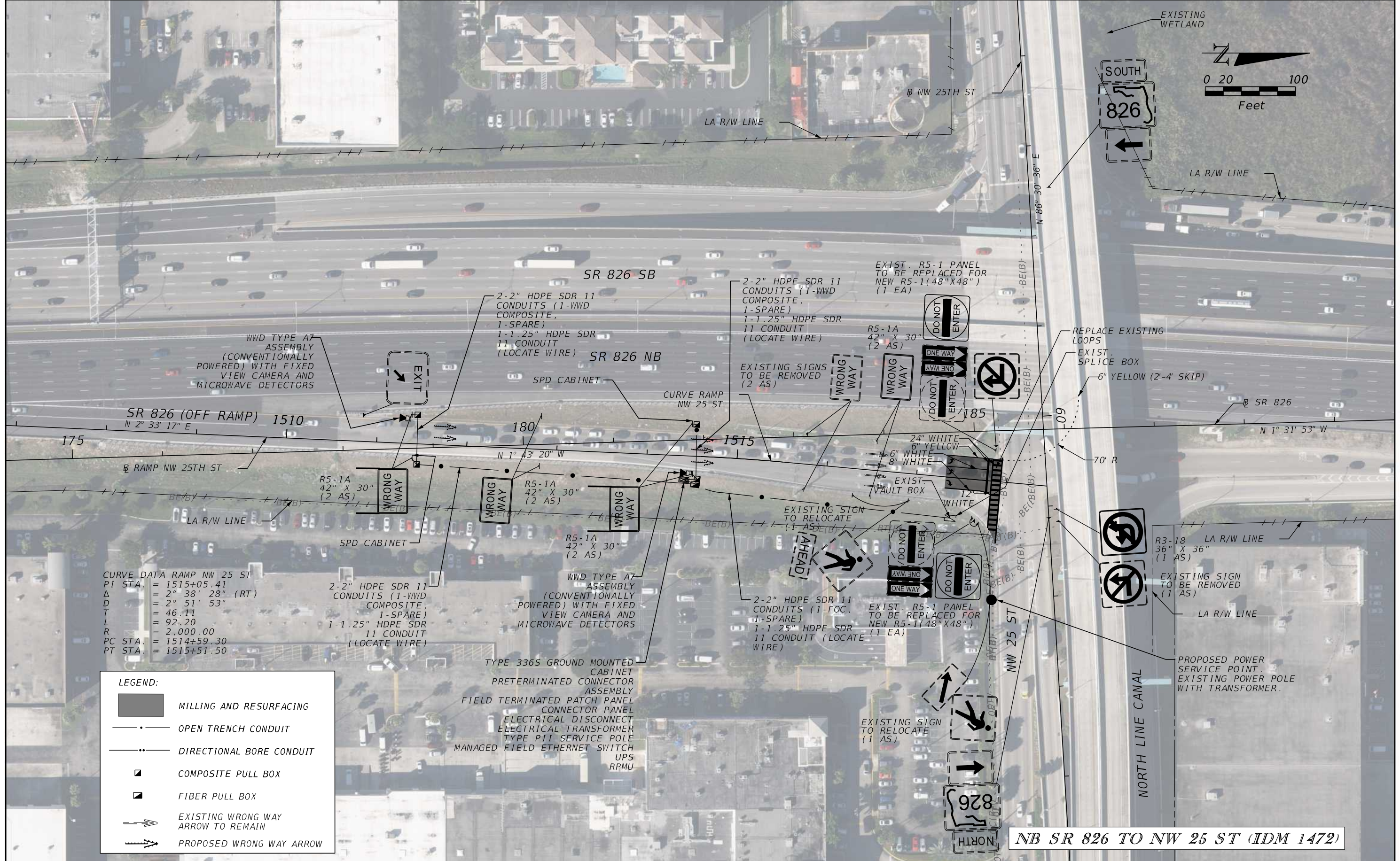
LEGEND:

- OPEN TRENCH CONDUIT
- DIRECTIONAL BORE CONDUIT
- COMPOSITE PULL BOX
- FIBER PULL BOX
- EXISTING WRONG WAY ARROW TO REMAIN
- PROPOSED WRONG WAY ARROW

NOTE: ARCHAEOLOGICAL MONITORING WILL BE REQUIRED AT THIS LOCATION

NB SR 826 TO NW 72 AVE (IDM N2)

REVISIONS				GANNETT FLEMING, INC. 800 NW 62 AVENUE MIAMI, FL 33126	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 13
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					MIAMI-DADE	446947-1-52-01		



CURVE DATA RAMP NW 25 ST
 PI STA. = 1515+05.41
 Δ = 2° 38' 28" (RT)
 D = 2° 51' 53"
 T = 46.11
 L = 92.20
 R = 2,000.00
 PC STA. = 1514+59.30
 PT STA. = 1515+51.50

LEGEND:

	MILLING AND RESURFACING
	OPEN TRENCH CONDUIT
	DIRECTIONAL BORE CONDUIT
	COMPOSITE PULL BOX
	FIBER PULL BOX
	EXISTING WRONG WAY ARROW TO REMAIN
	PROPOSED WRONG WAY ARROW

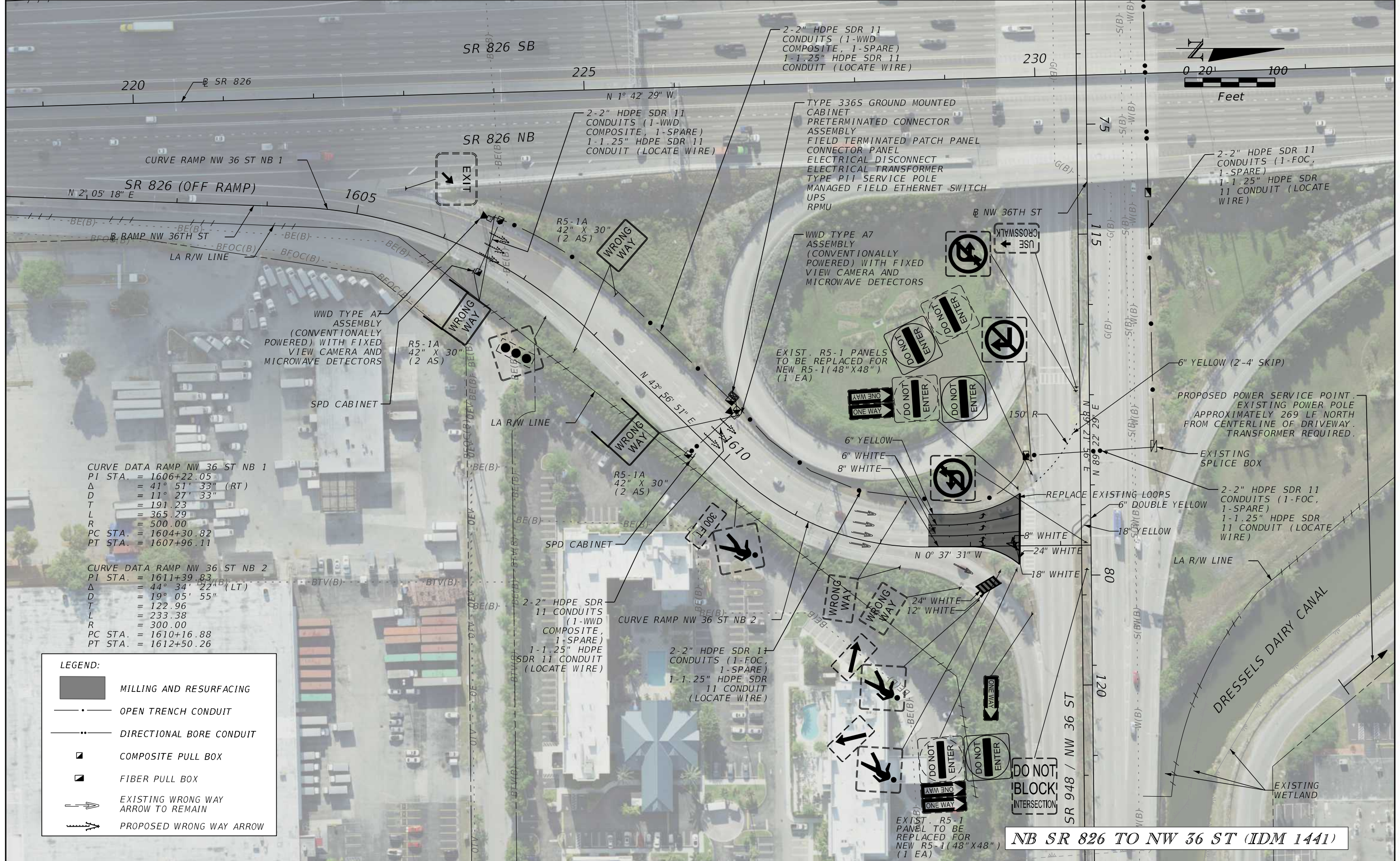
REVISIONS	
DATE	DESCRIPTION

GANNETT FLEMING, INC.
 800 NW 62 AVENUE
 MIAMI, FL 33126

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	MIAMI-DADE	446947-1-52-01

CONCEPT PLANS

SHEET NO. 14



CURVE DATA RAMP NW 36 ST NB 1
 PI STA. = 1606+22.05
 Δ = 41° 51' 33" (RT)
 D = 11° 27' 33"
 T = 191.23
 L = 365.29
 R = 500.00
 PC STA. = 1604+30.82
 PT STA. = 1607+96.11

CURVE DATA RAMP NW 36 ST NB 2
 PI STA. = 1611+39.83
 Δ = 44° 34' 22" (LT)
 D = 19° 05' 55"
 T = 122.96
 L = 233.38
 R = 300.00
 PC STA. = 1610+16.88
 PT STA. = 1612+50.26

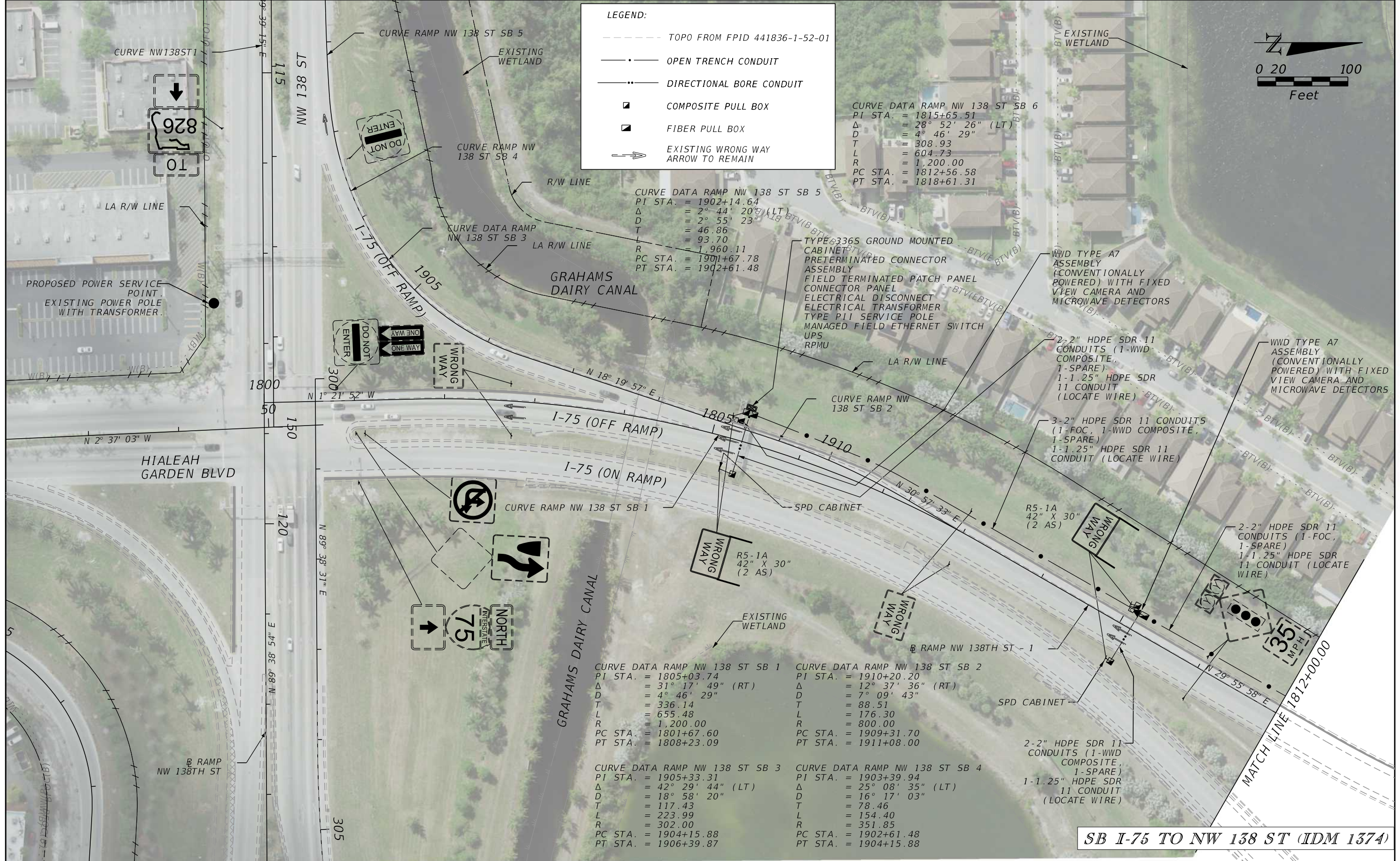
LEGEND:

	MILLING AND RESURFACING
	OPEN TRENCH CONDUIT
	DIRECTIONAL BORE CONDUIT
	COMPOSITE PULL BOX
	FIBER PULL BOX
	EXISTING WRONG WAY ARROW TO REMAIN
	PROPOSED WRONG WAY ARROW

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

GANNETT FLEMING, INC. 800 NW 62 AVENUE MIAMI, FL 33126			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
	MIAMI-DADE	446947-1-52-01			

CONCEPT PLANS		SHEET NO.
		15



LEGEND:

- TOPO FROM FPID 441836-1-52-01
- OPEN TRENCH CONDUIT
- DIRECTIONAL BORE CONDUIT
- COMPOSITE PULL BOX
- FIBER PULL BOX
- EXISTING WRONG WAY ARROW TO REMAIN

CURVE DATA RAMP NW 138 ST SB 6
 PI STA. = 1815+65.51
 Δ = 28° 52' 26" (LT)
 D = 4° 46' 29"
 T = 308.93
 L = 604.73
 R = 1,200.00
 PC STA. = 1812+56.58
 PT STA. = 1818+61.31

CURVE DATA RAMP NW 138 ST SB 5
 PI STA. = 1902+14.64
 Δ = 2° 44' 20" (LT)
 D = 2° 55' 23"
 T = 46.86
 L = 93.70
 R = 1,960.11
 PC STA. = 1901+67.78
 PT STA. = 1902+61.48

CURVE DATA RAMP NW 138 ST SB 1
 PI STA. = 1805+03.74
 Δ = 31° 17' 49" (RT)
 D = 4° 46' 29"
 T = 336.14
 L = 655.48
 R = 1,200.00
 PC STA. = 1801+67.60
 PT STA. = 1808+23.09

CURVE DATA RAMP NW 138 ST SB 2
 PI STA. = 1910+20.20
 Δ = 12° 37' 36" (RT)
 D = 7° 09' 43"
 T = 88.51
 L = 176.30
 R = 800.00
 PC STA. = 1909+31.70
 PT STA. = 1911+08.00

CURVE DATA RAMP NW 138 ST SB 3
 PI STA. = 1905+33.31
 Δ = 42° 29' 44" (LT)
 D = 18° 58' 20"
 T = 117.43
 L = 223.99
 R = 302.00
 PC STA. = 1904+15.88
 PT STA. = 1906+39.87

CURVE DATA RAMP NW 138 ST SB 4
 PI STA. = 1903+39.94
 Δ = 25° 08' 35" (LT)
 D = 16° 17' 03"
 T = 78.46
 L = 154.40
 R = 351.85
 PC STA. = 1902+61.48
 PT STA. = 1904+15.88

SB I-75 TO NW 138 ST (IDM 1374)

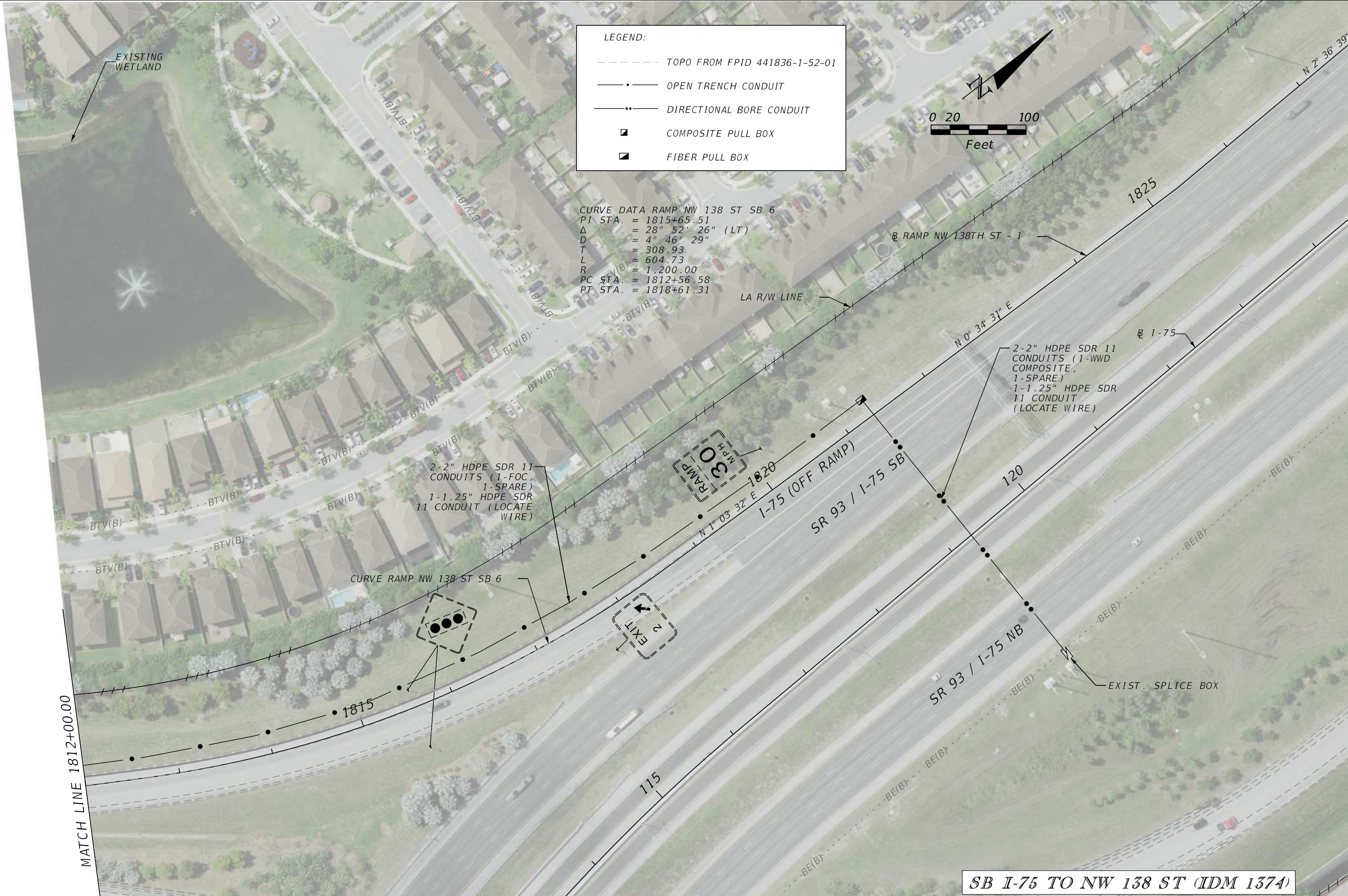
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

GANNETT FLEMING, INC.
 800 NW 62 AVENUE
 MIAMI, FL 33126

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	MIAMI-DADE	446947-1-52-01

CONCEPT PLANS

SHEET NO.
16



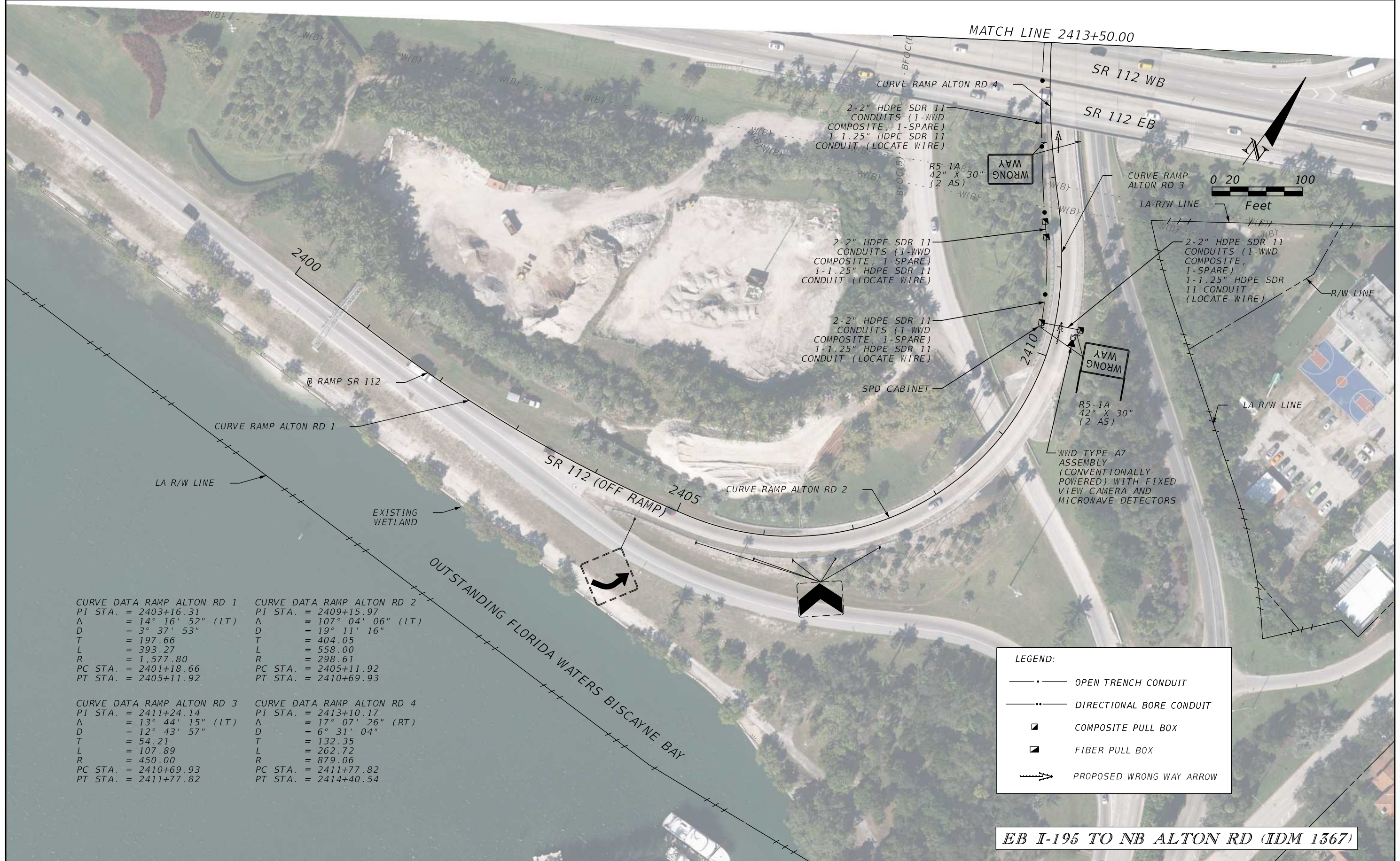
LEGEND:

- TOPO FROM FPID 441836-1-52-01
- OPEN TRENCH CONDUIT
- DIRECTIONAL BORE CONDUIT
- ▣ COMPOSITE PULL BOX
- ▣ FIBER PULL BOX

CURVE DATA RAMP NW 138 ST SB 6
 PI STA. = 1815+65.51
 Δ = 28° 52' 26" (LT)
 D = 4° 46' 29"
 T = 308.93
 L = 604.73
 R = 1,200.00
 PC STA. = 1812+56.58
 PT STA. = 1818+61.31

SB I-75 TO NW 138 ST (IDM 1374)

REVISIONS				GANNETT FLEMING, INC. 800 NW 62 AVENUE MIAMI, FL 33126	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CONCEPT PLANS	SHEET NO. 17
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					MIAMI-DADE	446947-1-52-01			

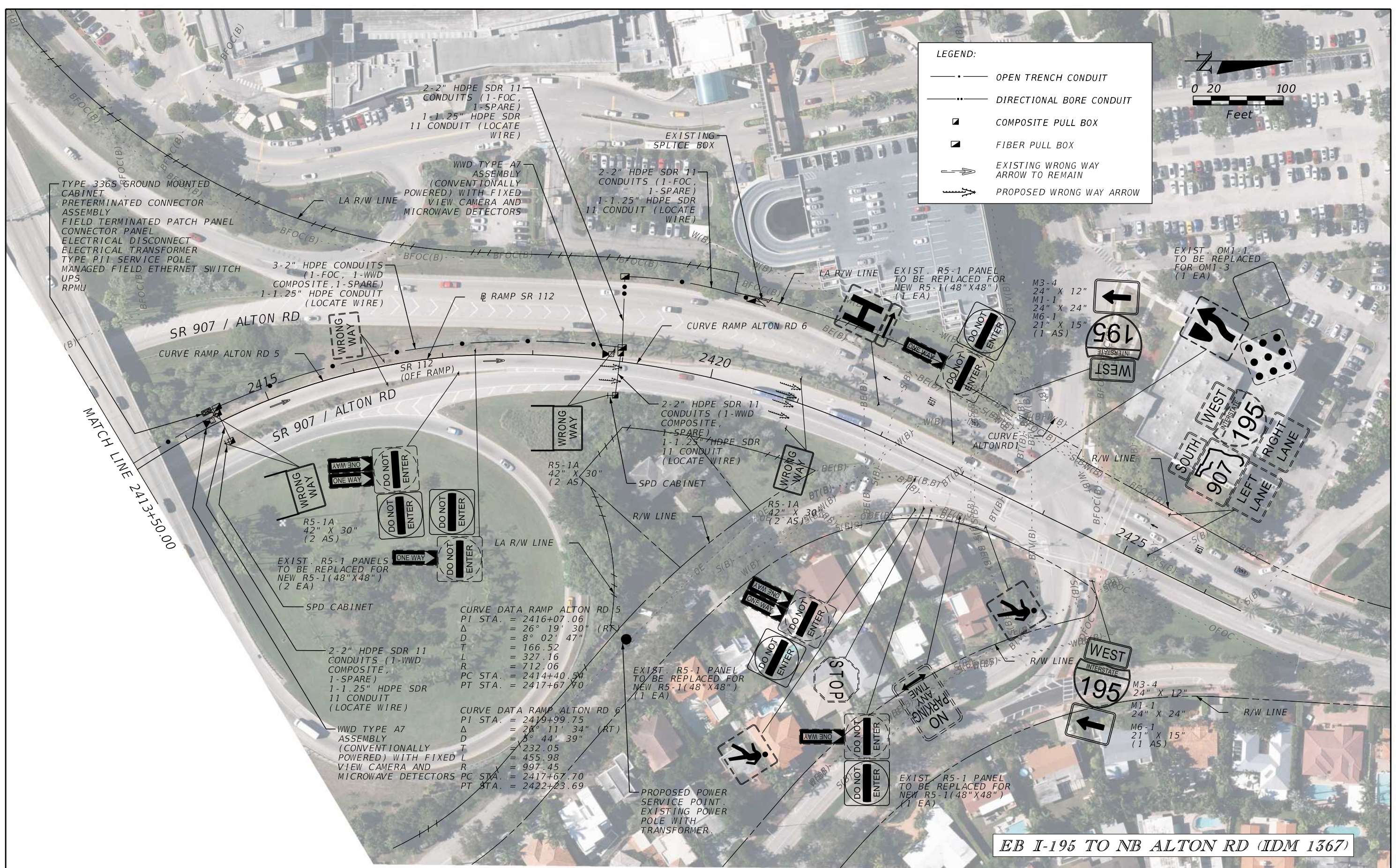


CURVE DATA RAMP ALTON RD 1 PI STA. = 2403+16.31 Δ = 14° 16' 52" (LT) D = 3° 37' 53" T = 197.66 L = 393.27 R = 1,577.80 PC STA. = 2401+18.66 PT STA. = 2405+11.92		CURVE DATA RAMP ALTON RD 2 PI STA. = 2409+15.97 Δ = 107° 04' 06" (LT) D = 19° 11' 16" T = 404.05 L = 558.00 R = 298.61 PC STA. = 2405+11.92 PT STA. = 2410+69.93	
CURVE DATA RAMP ALTON RD 3 PI STA. = 2411+24.14 Δ = 13° 44' 15" (LT) D = 12° 43' 57" T = 54.21 L = 107.89 R = 450.00 PC STA. = 2410+69.93 PT STA. = 2411+77.82		CURVE DATA RAMP ALTON RD 4 PI STA. = 2413+10.17 Δ = 17° 07' 26" (RT) D = 6° 31' 04" T = 132.35 L = 262.72 R = 879.06 PC STA. = 2411+77.82 PT STA. = 2414+40.54	

LEGEND:	
	OPEN TRENCH CONDUIT
	DIRECTIONAL BORE CONDUIT
	COMPOSITE PULL BOX
	FIBER PULL BOX
	PROPOSED WRONG WAY ARROW

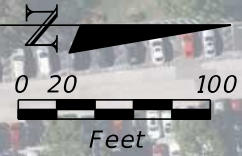
EB I-195 TO NB ALTON RD (IDM 1367)

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				GANNETT FLEMING, INC. 800 NW 62 AVENUE MIAMI, FL 33126	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		CONCEPT PLANS	SHEET NO. 18
					ROAD NO. COUNTY FINANCIAL PROJECT ID MIAMI-DADE 446947-1-52-01			



LEGEND:

- OPEN TRENCH CONDUIT
- DIRECTIONAL BORE CONDUIT
- ▣ COMPOSITE PULL BOX
- ▣ FIBER PULL BOX
- ↔ EXISTING WRONG WAY ARROW TO REMAIN
- ↔ PROPOSED WRONG WAY ARROW



CURVE DATA RAMP ALTON RD 5
 PI STA. = 2416+07.06
 Δ = 26° 19' 30" (RT)
 D = 8° 02' 47"
 T = 166.52
 L = 327.16
 R = 712.06
 PC STA. = 2414+40.54
 PT STA. = 2417+67.90

CURVE DATA RAMP ALTON RD 6
 PI STA. = 2419+99.75
 Δ = 28° 11' 34" (RT)
 D = 8° 44' 39"
 T = 232.05
 L = 455.98
 R = 997.45
 PC STA. = 2417+67.70
 PT STA. = 2422+23.69

EB I-195 TO NB ALTON RD (IDM 1367)

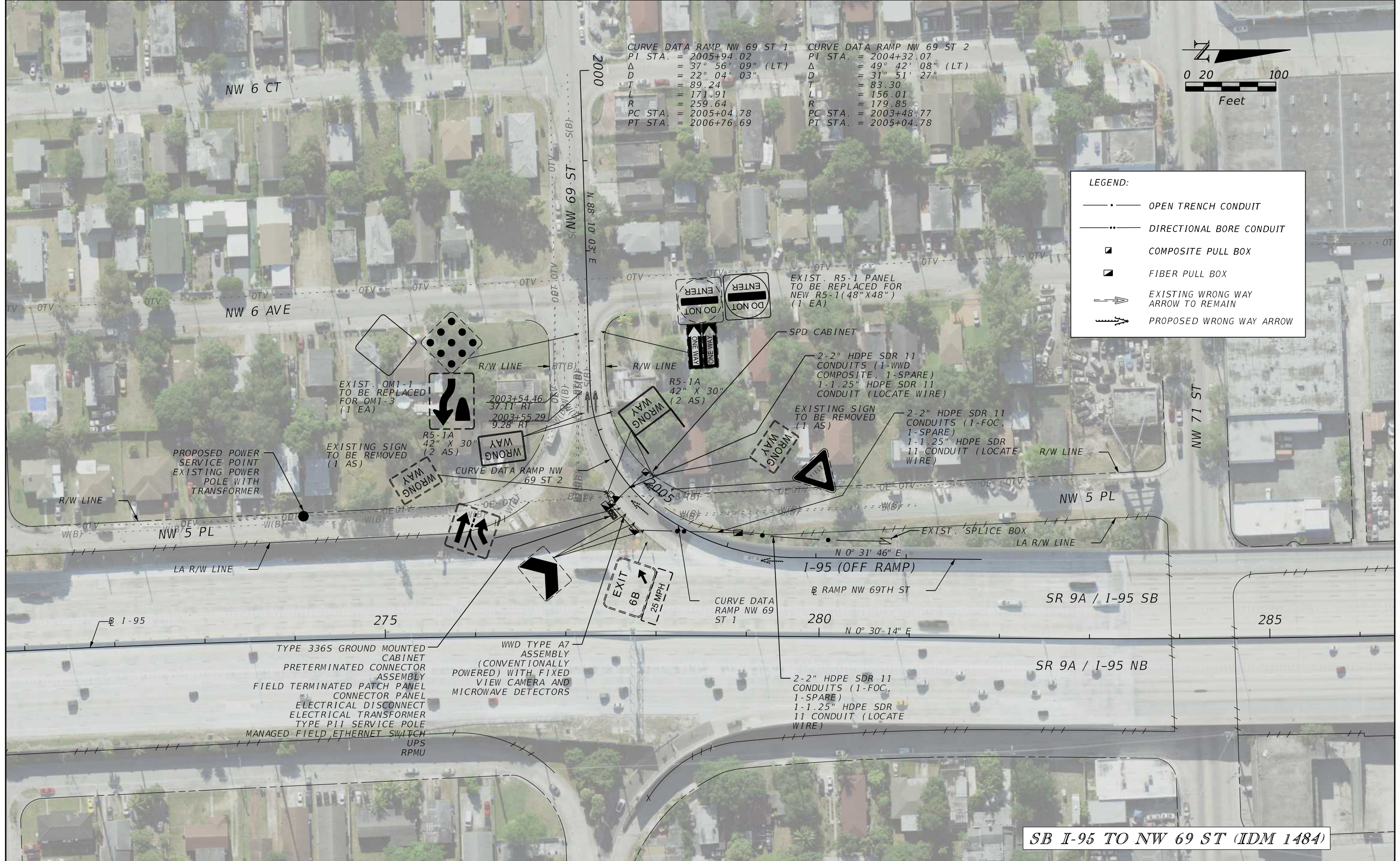
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

GANNETT FLEMING, INC.
 800 NW 62 AVENUE
 MIAMI, FL 33126

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	MIAMI-DADE	446947-1-52-01

CONCEPT PLANS

SHEET NO.
19



CURVE DATA RAMP NW 69 ST 1
 PI STA. = 2005+94.02
 Δ = 37° 56' 09" (LT)
 D = 22° 04' 03"
 T = 89.24
 L = 171.91
 R = 259.64
 PC STA. = 2005+04.78
 PT STA. = 2006+76.69

CURVE DATA RAMP NW 69 ST 2
 PI STA. = 2004+32.07
 Δ = 49° 42' 08" (LT)
 D = 31° 51' 27"
 T = 83.30
 L = 156.01
 R = 179.85
 PC STA. = 2003+48.77
 PT STA. = 2005+04.78

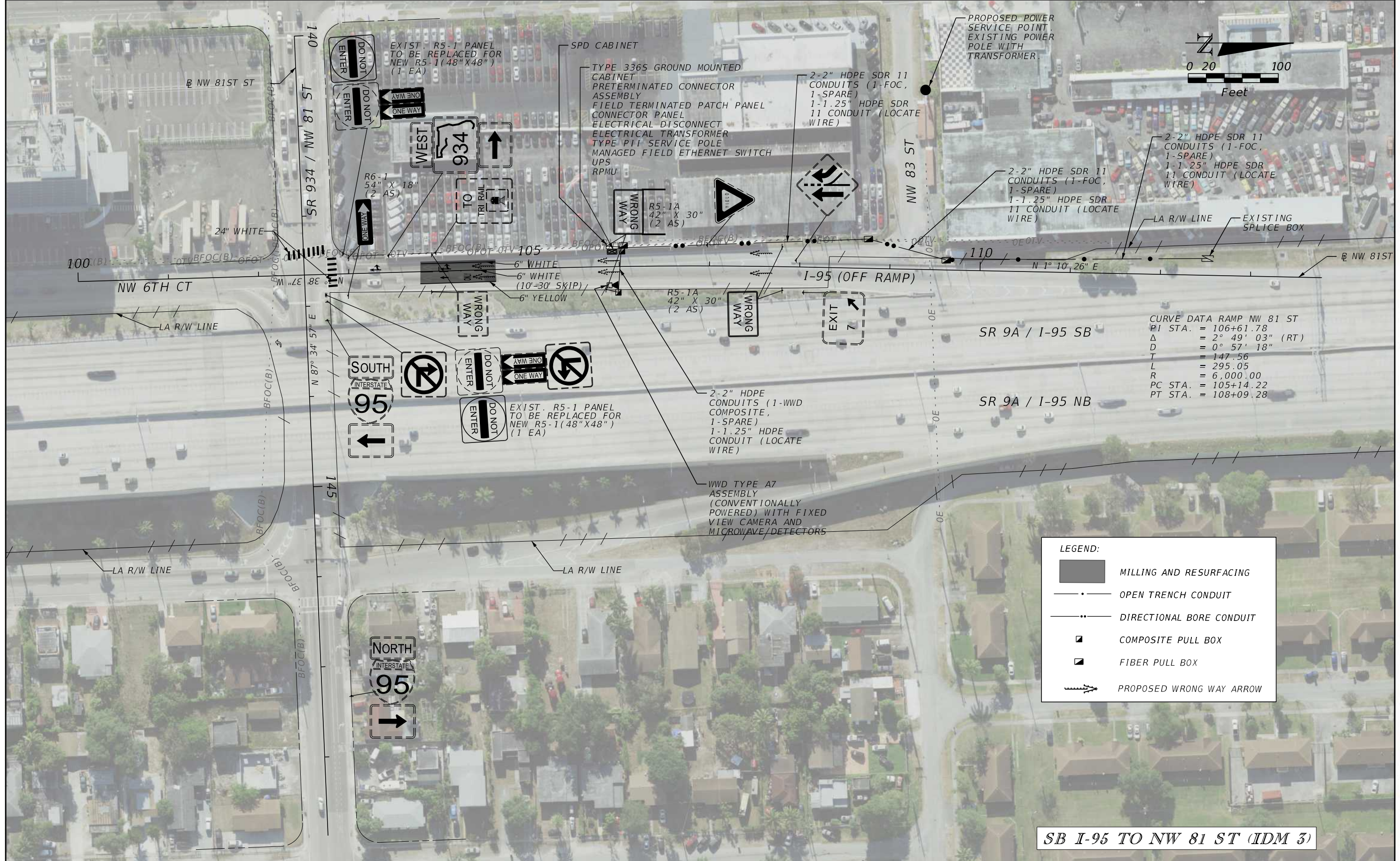


LEGEND:

- OPEN TRENCH CONDUIT
- DIRECTIONAL BORE CONDUIT
- ▣ COMPOSITE PULL BOX
- ▣ FIBER PULL BOX
- ↔ EXISTING WRONG WAY ARROW TO REMAIN
- ↔ PROPOSED WRONG WAY ARROW

SB I-95 TO NW 69 ST (IDM 1484)

REVISIONS				GANNETT FLEMING, INC. 800 NW 62 AVENUE MIAMI, FL 33126	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 20
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						MIAMI-DADE	446947-1-52-01	



LEGEND:

- MILLING AND RESURFACING
- OPEN TRENCH CONDUIT
- DIRECTIONAL BORE CONDUIT
- COMPOSITE PULL BOX
- FIBER PULL BOX
- PROPOSED WRONG WAY ARROW

SB I-95 TO NW 81 ST (IDM 3)

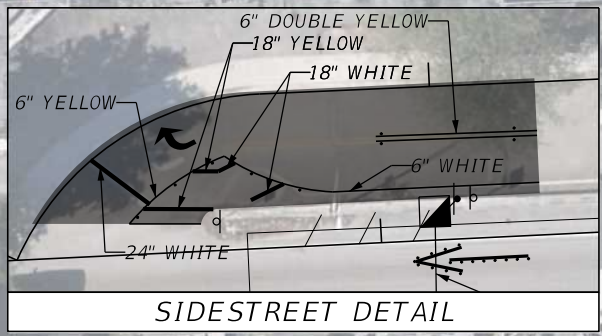
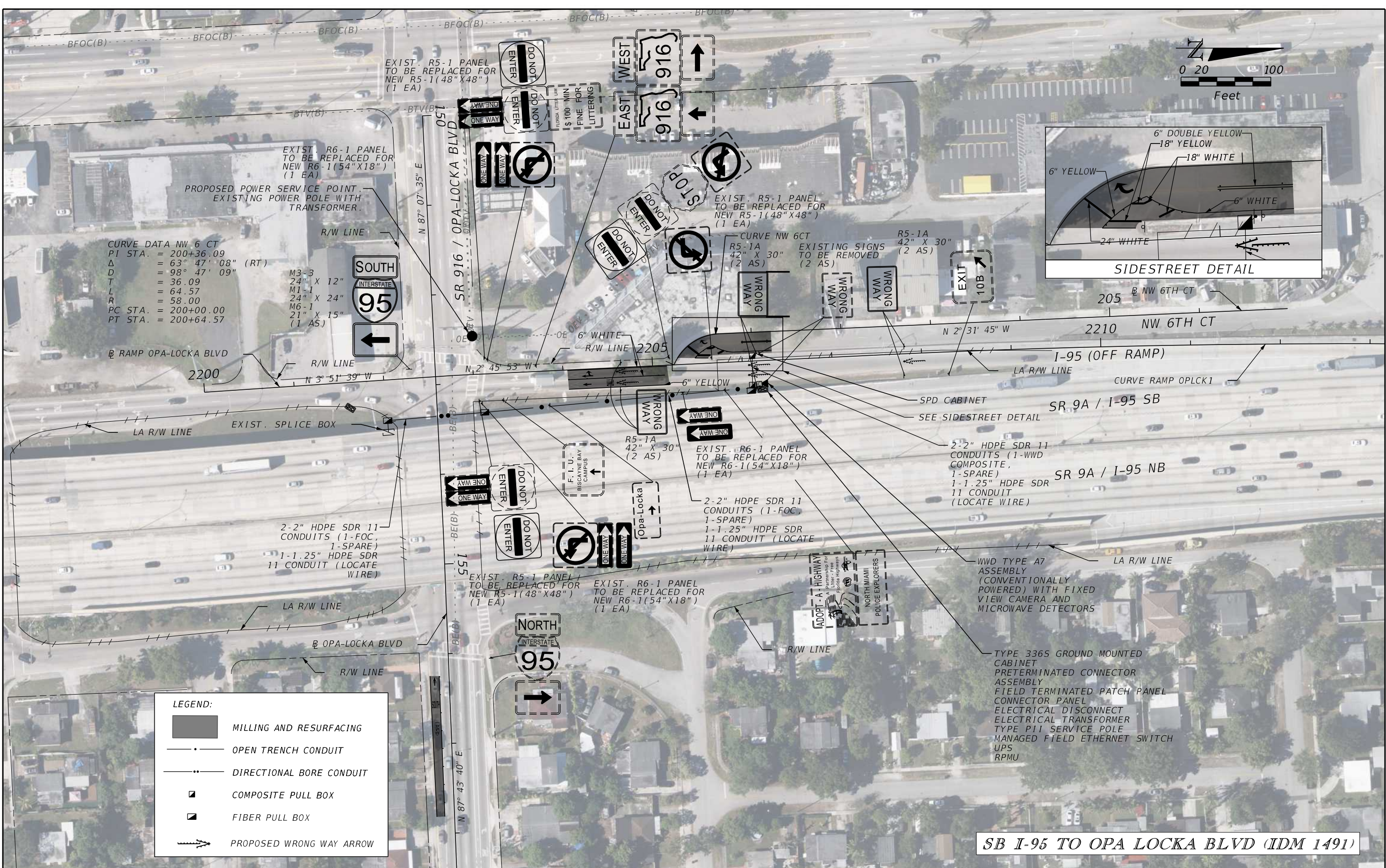
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

GANNETT FLEMING, INC.
 800 NW 62 AVENUE
 MIAMI, FL 33126

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	MIAMI-DADE	446947-1-52-01

CONCEPT PLANS

SHEET NO.
21



CURVE DATA NW 6 CT
 PI STA. = 200+36.09
 Δ = 63° 47' 08" (RT)
 D = 98' 47' 09"
 T = 36.09
 L = 64.57
 R = 58.00
 PC STA. = 200+00.00
 PT STA. = 200+64.57

M3-3
24" X 12"
 M1-1
24" X 24"
 M6-1
21" X 15"
 (1 AS)

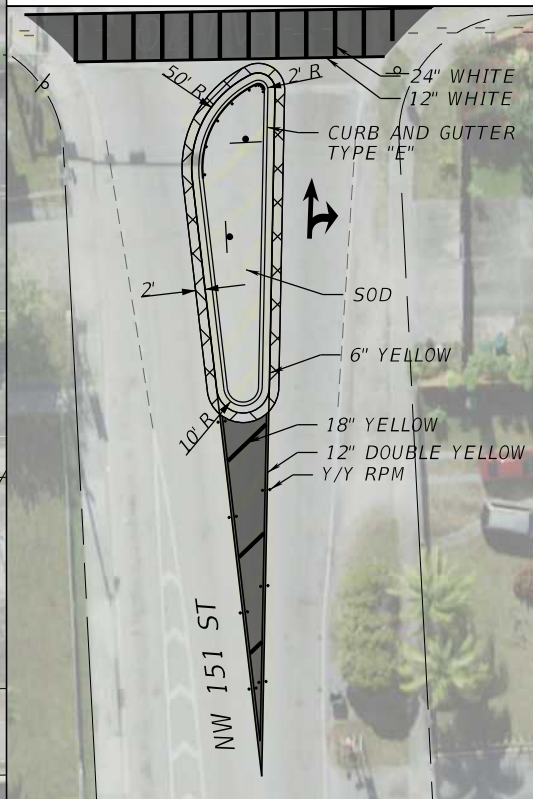
LEGEND:

	MILLING AND RESURFACING
	OPEN TRENCH CONDUIT
	DIRECTIONAL BORE CONDUIT
	COMPOSITE PULL BOX
	FIBER PULL BOX
	PROPOSED WRONG WAY ARROW

SB I-95 TO OPA LOCKA BLVD (IDM 1491)

REVISIONS		GANNETT FLEMING, INC.		STATE OF FLORIDA			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEPARTMENT OF TRANSPORTATION			
				ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					MIAMI-DADE	446947-1-52-01	
CONCEPT PLANS							22

MEDIAN DETAIL



WWD TYPE A7 ASSEMBLY (CONVENTIONALLY POWERED) WITH FIXED VIEW CAMERA AND MICROWAVE DETECTORS

TYPE 336S GROUND MOUNTED CABINET PRETERMINATED CONNECTOR ASSEMBLY FIELD TERMINATED PATCH PANEL CONNECTOR PANEL ELECTRICAL DISCONNECT ELECTRICAL TRANSFORMER TYPE P11 SERVICE POLE MANAGED FIELD ETHERNET SWITCH UPS RPMU

M3-B 24" X 12" X 12" X 12"
M4-5 24" X 12" X 12" X 12"
M1-1 24" X 24" X 24" X 24"
M5-1(2) 21" X 15" (1 AS)



CURVE DATA RAMP NW 151 ST
PI STA. = 64+31.63
Δ = 4° 57' 08" (LT)
D = 1° 08' 45"
T = 216.21
L = 432.16
R = 5,000.00
PC STA. = 62+15.41
PT STA. = 66+47.57



SR 9A / I-95 SB

SR 9A / I-95 NB

I-95 (OFF RAMP)

NW 6TH AVE

NW 151 ST

NB I-95 TO NW 151 ST (RAMP M14)

LEGEND:

	MILLING AND RESURFACING
	OPEN TRENCH CONDUIT
	DIRECTIONAL BORE CONDUIT
	COMPOSITE PULL BOX
	FIBER PULL BOX
	PROPOSED WRONG WAY ARROW

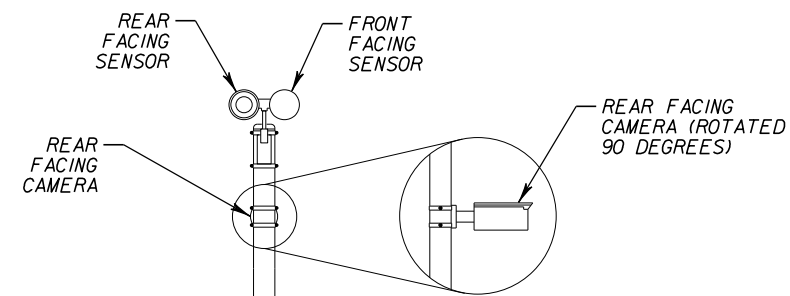
WWD TYPE A7 ASSEMBLY (CONVENTIONALLY POWERED) WITH FIXED VIEW CAMERA AND MICROWAVE DETECTORS

2-2" HDPE SDR 11 CONDUITS (1-WWD COMPOSITE, 1-SPARE)
1-1.25" HDPE SDR 11 CONDUIT (LOCATE WIRE)

2-2" HDPE SDR 11 CONDUITS (1-FOC, 1-SPARE)
1-1.25" HDPE SDR 11 CONDUIT (LOCATE WIRE)

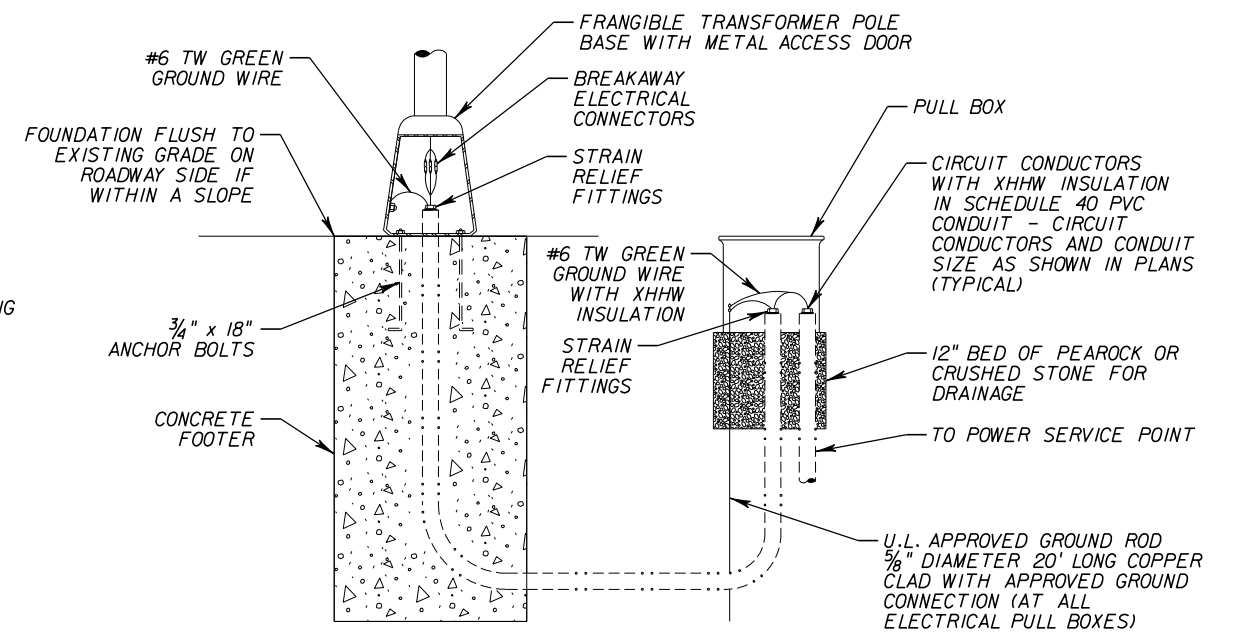
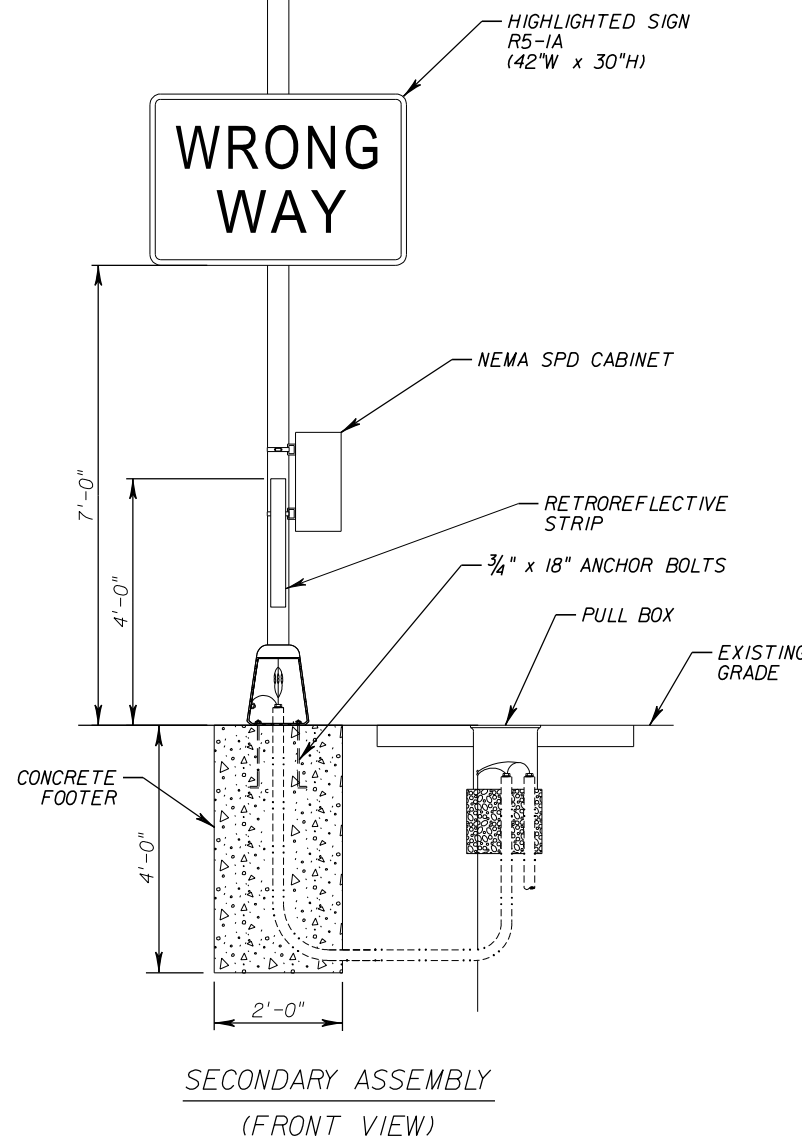
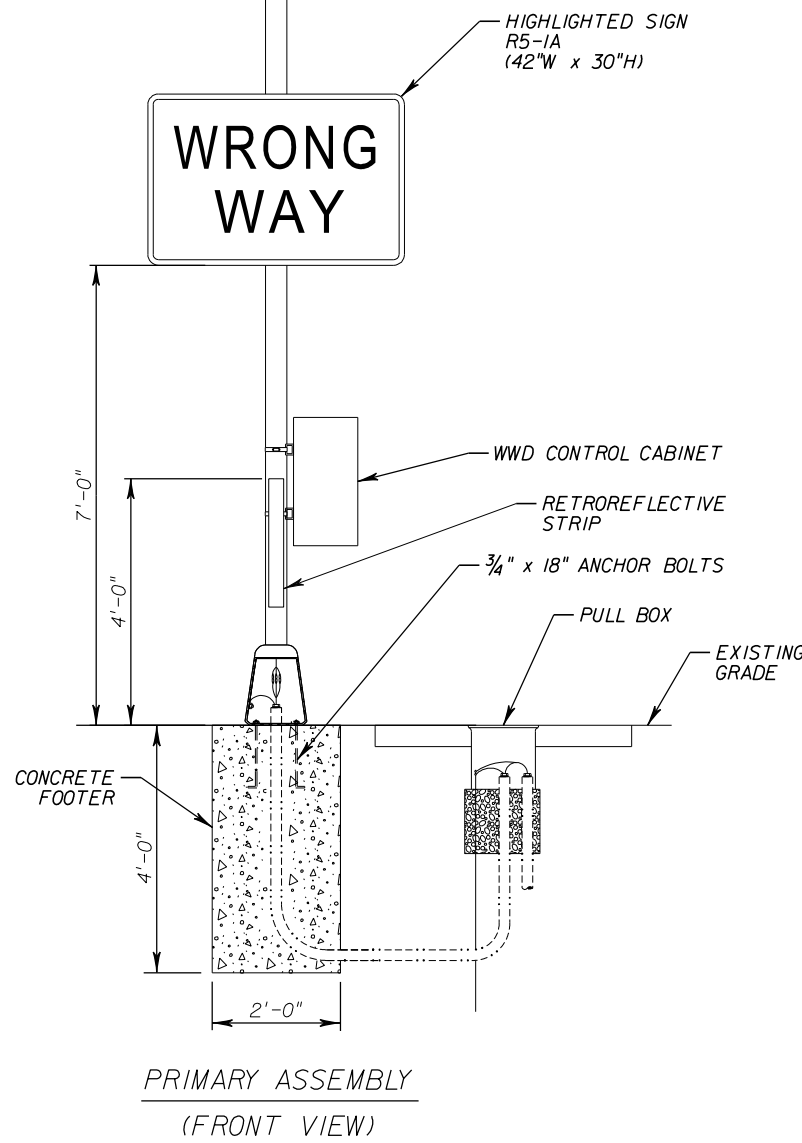
EXIST. R5-1 PANELS TO BE REPLACED FOR NEW R5-1 (48" X 48") (2 EA)

REVISIONS		GANNETT FLEMING, INC.		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
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					MIAMI-DADE	446947-1-52-01	23



WRONG WAY SIGN DETAILS GENERAL NOTES:

1. INSTALL TYPE A7 ASSEMBLY (CONVENTIONALLY-POWERED).
2. ORIENTATE CAMERA AND DETECTOR SENSORS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
3. MOUNTING HEIGHT OF CAMERA AND DETECTOR SENSORS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
4. CONNECTION OF CONTROL CABINET TO THE COLUMN SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
5. HEIGHT AND OFFSET TO SIGN COLUMN SHALL BE IN ACCORDANCE WITH INDEX 700-101.
6. SEE INDEX 700-120 FOR ADDITIONAL DETAILS.



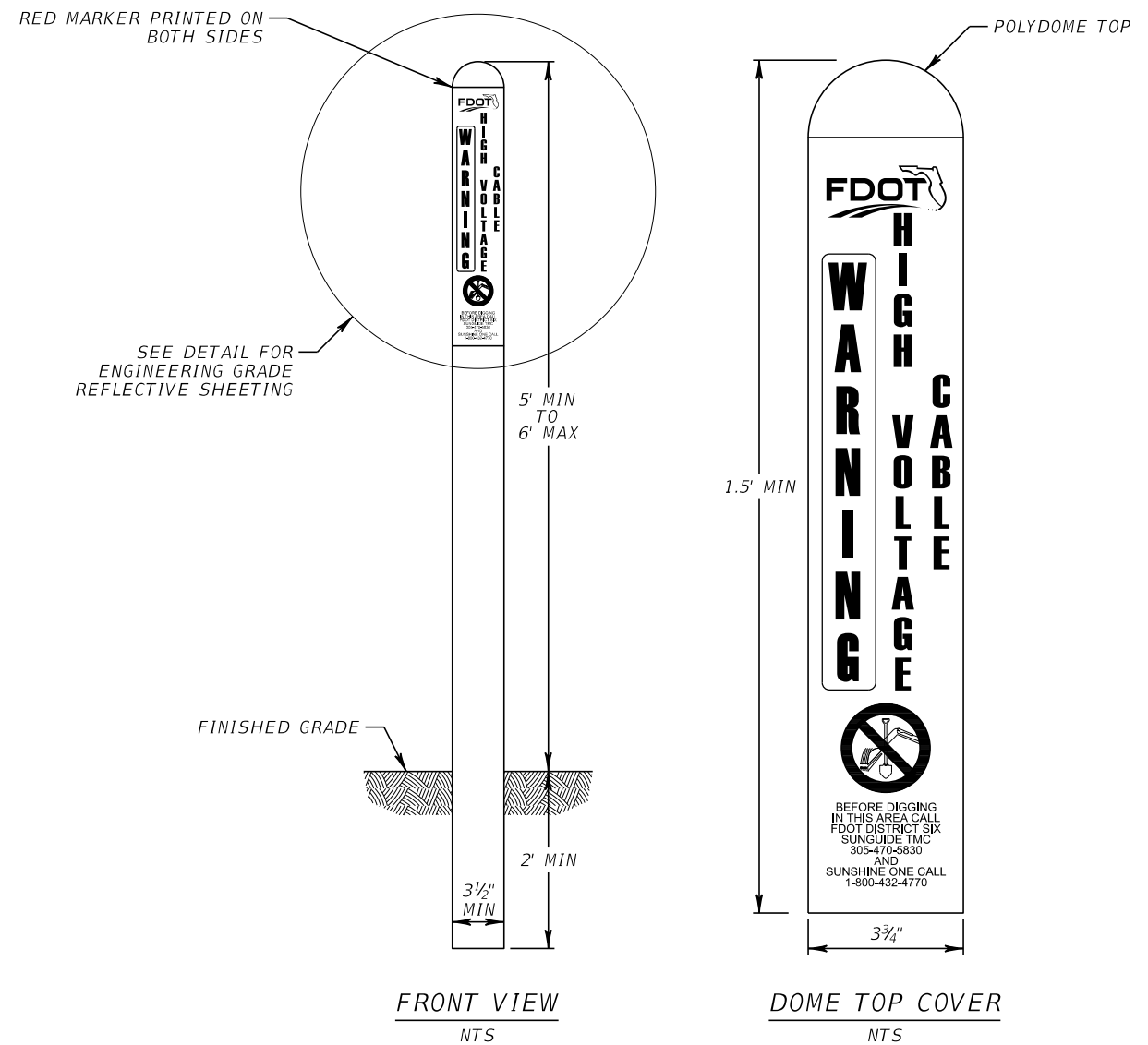
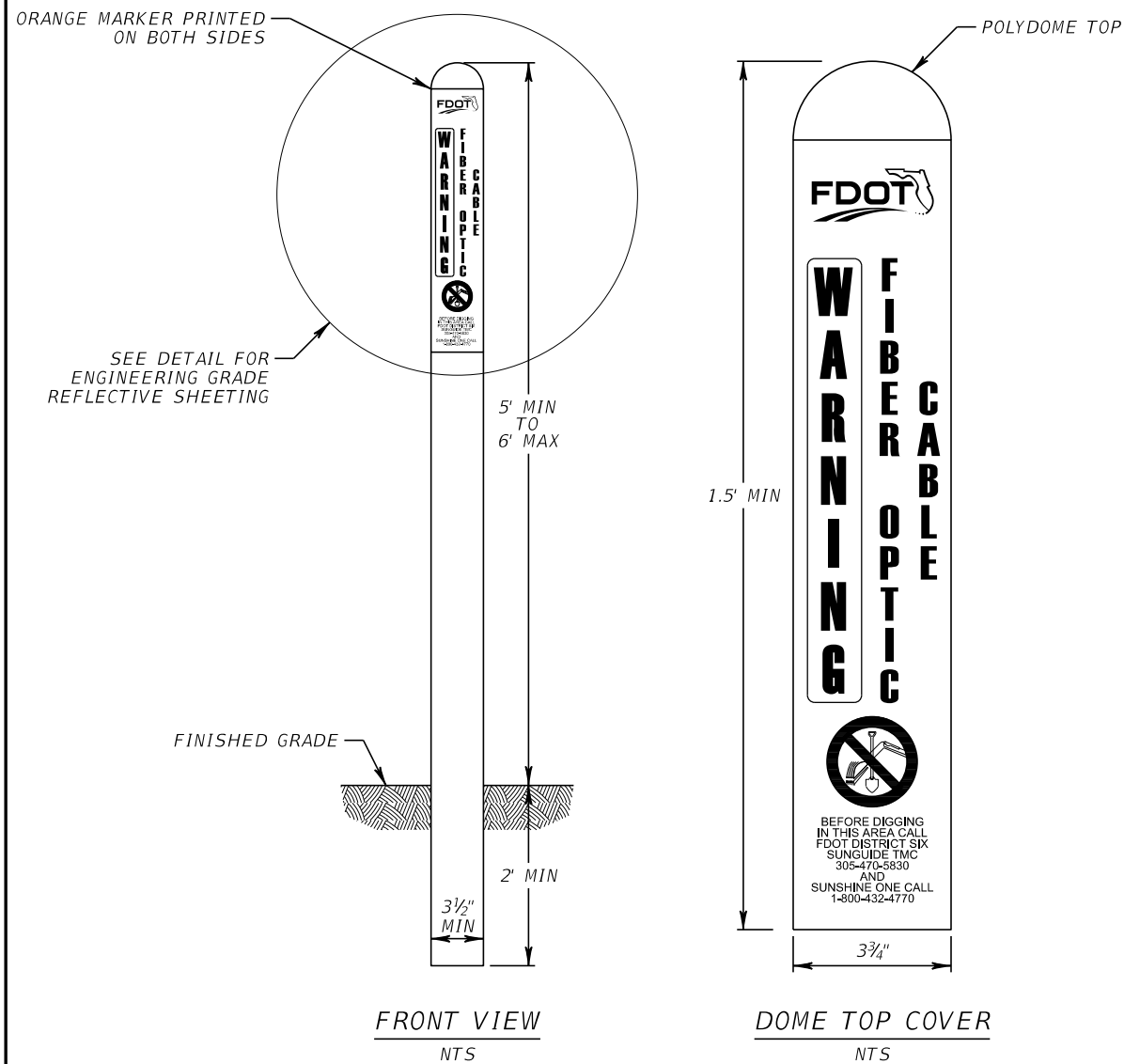
POLE WIRING DETAIL
CONVENTIONALLY-POWERED ASSEMBLY

WRONG WAY SIGN DETAIL

REVISIONS				GANNETT FLEMING, INC. 800 NW 62 AVENUE, SUITE 490 MIAMI, FL 33126	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 24
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					N/A	MIAMI-DADE	446947-1	

FDOT (D6) FIBER OPTIC CABLE ROUTE MARKER

FDOT (D6) ELECTRICAL CABLE ROUTE MARKER



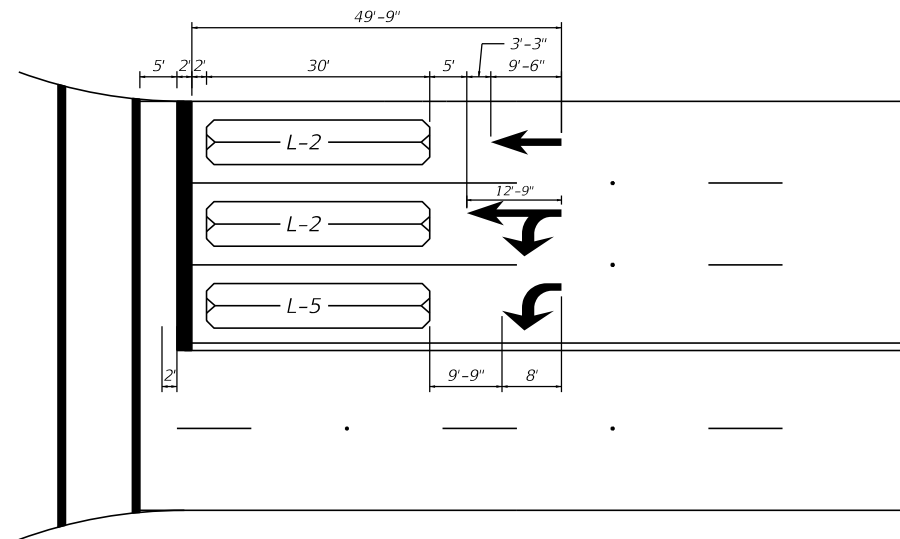
NOTES:

1. IF IN INSTANCES WHERE FIBER AND POWER ARE BEING RUN IN THE SAME TRENCH, THE MARKERS SHALL ALTERNATE BETWEEN FIBER AND POWER.
2. A POLYDOME TOP SHALL BE INSTALLED ON EACH MARKER. (ORANGE FOR FIBER AND RED FOR POWER)

*STANDARD ROUTE MARKER
DETAIL*

REVISIONS				GANNETT FLEMING, INC. 800 NW 62 AVENUE, SUITE 490 MIAMI, FL 33126	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 25
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					N/A	MIAMI-DADE	446947-1	

SPECIAL DETAILS



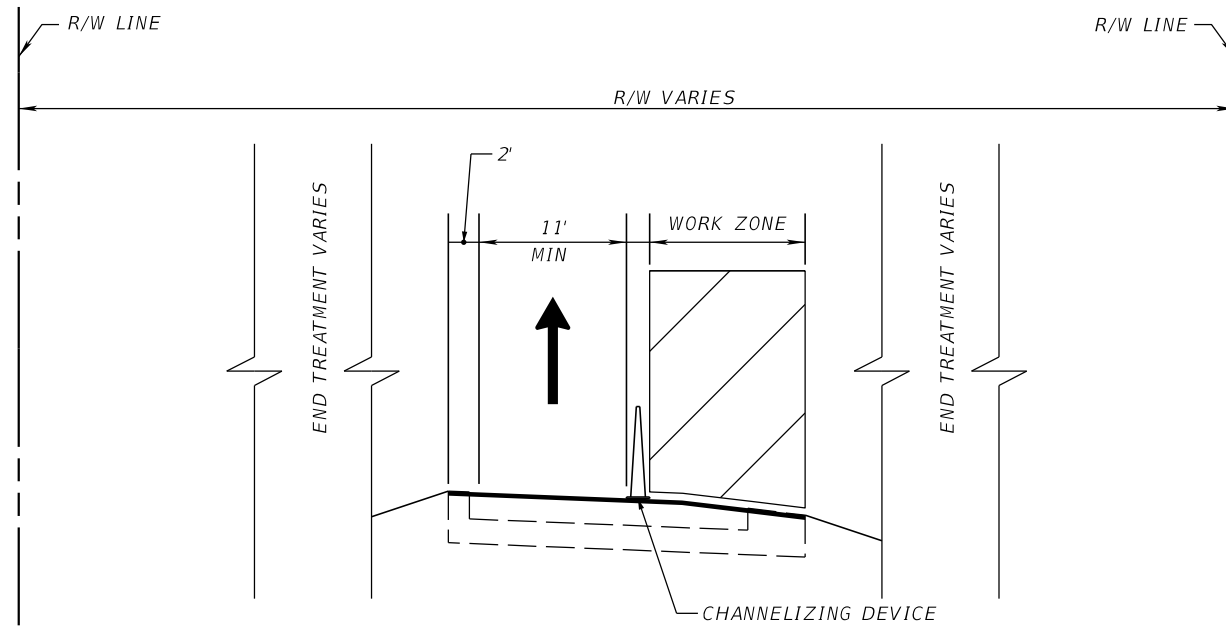
LOCATION OF PAVEMENT ARROW, STOP BAR AND LOOPS AT SIGNALIZED INTERSECTIONS

*(NOTE: PAVEMENT ARROW SHALL NOT OVERLAP LOOPS)
N.T.S.*

REVISIONS				GANNETT FLEMING, INC. 800 NW 62 AVENUE MIAMI, FL 33126	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 26
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					MIAMI-DADE	446947-1-52-01	<i>SPECIAL DETAILS</i>	

GENERAL:

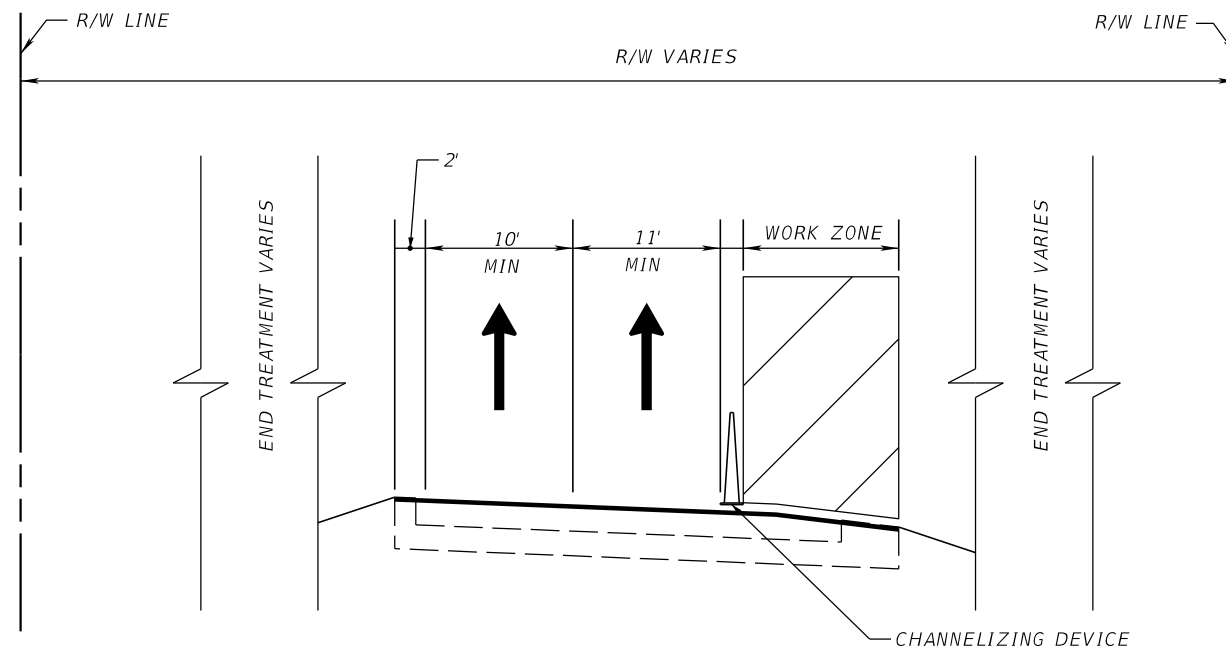
- LANE CLOSURE SHALL OCCUR ONLY DURING NON-PEAK HOURS ON NON-EVENT DAYS/WEEKENDS. NON PEAK HOURS ARE:
9:00 PM TO 5:30 AM - SUNDAY THROUGH THURSDAY NIGHTS
11:00 PM TO 7:00 AM - FRIDAY AND SATURDAY NIGHTS
- TRAFFIC CONTROL PLANS FOR PHASE 01 & 02 ARE DESIGNED FOR NON-PEAK HOURS ONLY.
- REGULATORY SPEED ESTABLISHED WITHIN WORK ZONE TRAVEL WAYS SHALL BE INSTALLED ON SEPARATE POSTS.
- LANE CLOSURES SHALL NOT BE PERMITTED DURING SCHOOL SPEED ZONE HOURS WHERE SUCH CLOSURES WILL AFFECT TRAFFIC FLOW IN THE VICINITY OF THE SCHOOL SPEED ZONES.



PHASE 1A & 1B:
SINGLE LANE RAMP

- PLACE SIGNS, TEMPORARY WARNINGS AND OTHER TRAFFIC CONTROL DEVICES ALONG RAMP NECESSARY TO MAINTAIN TRAFFIC IN ACCORDANCE WITH 102-602.
- INSTALL SIGNAGE WITHIN WORK ZONE & INSTALL ITS EQUIPMENT.
- PHASE 1B IS THE MIRRORED SET UP OF PHASE 1A.

I-95 SB TO: NW 69 ST NW 81 ST OPA LOCKA BLVD NE 205 ST	I-95 NB TO: NW 151 ST	I-195 EB : ALTON RD NB	SR 826 NB TO: NW 72 AVE
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PHASE 1C & 1D
TWO LANE RAMP

- PLACE SIGNS, TEMPORARY WARNINGS AND OTHER TRAFFIC CONTROL DEVICES ALONG RAMP NECESSARY TO MAINTAIN TRAFFIC IN ACCORDANCE WITH 102-602.
- INSTALL SIGNAGE WITHIN WORK ZONE & INSTALL ITS EQUIPMENT.
- PHASE 1D IS THE MIRRORED SET UP OF PHASE 1C.

SR 826 NB TO: SW 8 ST NW 25 ST	SR 826 SB TO: NW 36 ST	I-75 SB TO: NW 138 ST
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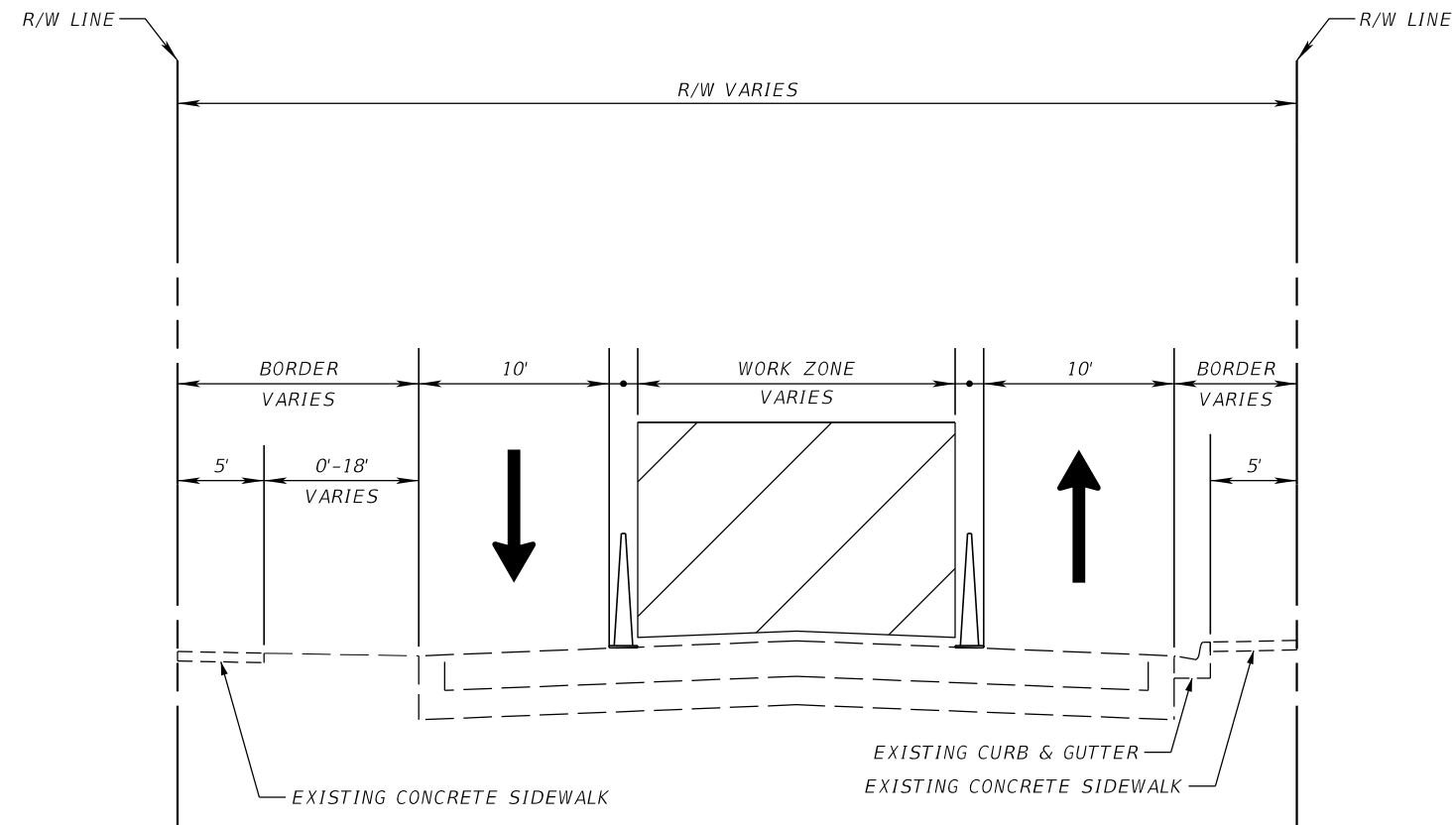
PHASE 2:
INTERSECTING ROADS & RAMPS

- PLACE SIGNS, TEMPORARY WARNINGS AND OTHER TRAFFIC CONTROL DEVICES ALONG RAMP NECESSARY TO MAINTAIN TRAFFIC IN ACCORDANCE WITH 102-603, 102-604, 102-606, 102-613, 102-615 AND 102-660.
- CONSTRUCT PAVEMENT WORK UP TO THE STRUCTURAL COURSE.

PHASE 3:
INTERSECTING ROADS & RAMPS

- PLACE SIGNS, TEMPORARY WARNINGS AND OTHER TRAFFIC CONTROL DEVICES ALONG RAMP NECESSARY TO MAINTAIN TRAFFIC IN ACCORDANCE WITH 102-603, 102-604, 102-606, 102-613, 102-615 AND 102-660.
- PLACE FRICTION COURSE AND FINAL PAVEMENT MARKINGS. INSTALL TRAFFIC LOOPS

REVISIONS				GANNETT FLEMING, INC. 800 NW 62 AVENUE MIAMI, FL 33126	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS	SHEET NO. 27
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NW 151ST ST MEDIAN CONSTRUCTION

REVISIONS				GANNETT FLEMING, INC. 800 NW 62 AVENUE MIAMI, FL 33126	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS	SHEET NO. 28
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					MIAMI-DADE	446947-1-52-01			