

CONTRACT PLANS COMPONENTS

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
SIGNALIZATION PLANS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 429569-5-52-01
(FEDERAL FUNDS)
BROWARD COUNTY (86000,86090,86900)

SR 816 / OAKLAND PARK BOULEVARD
TRANSIT & MOBILITY PROJECTS AT VARIOUS ROADWAYS

INDEX OF ROADWAY PLANS

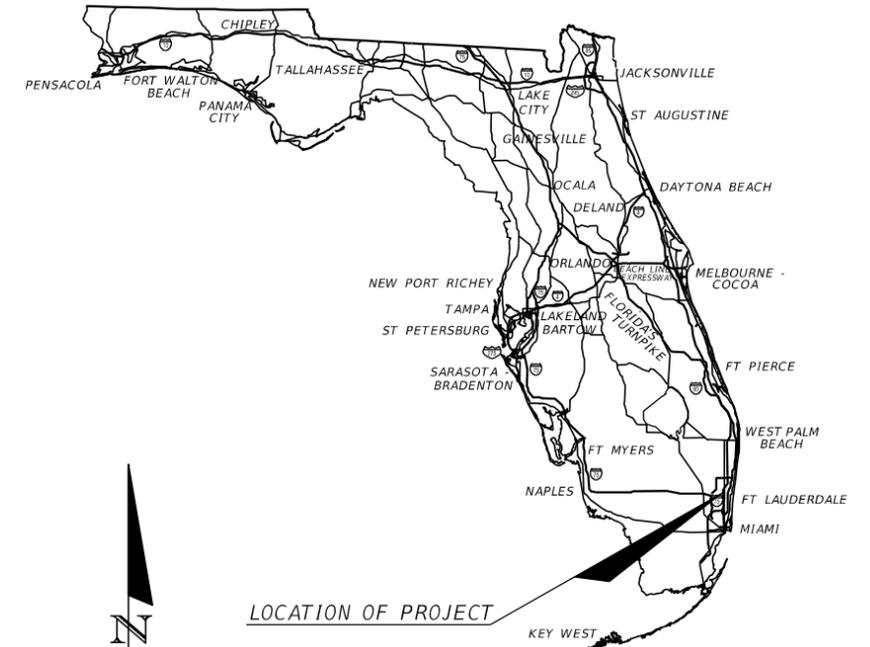
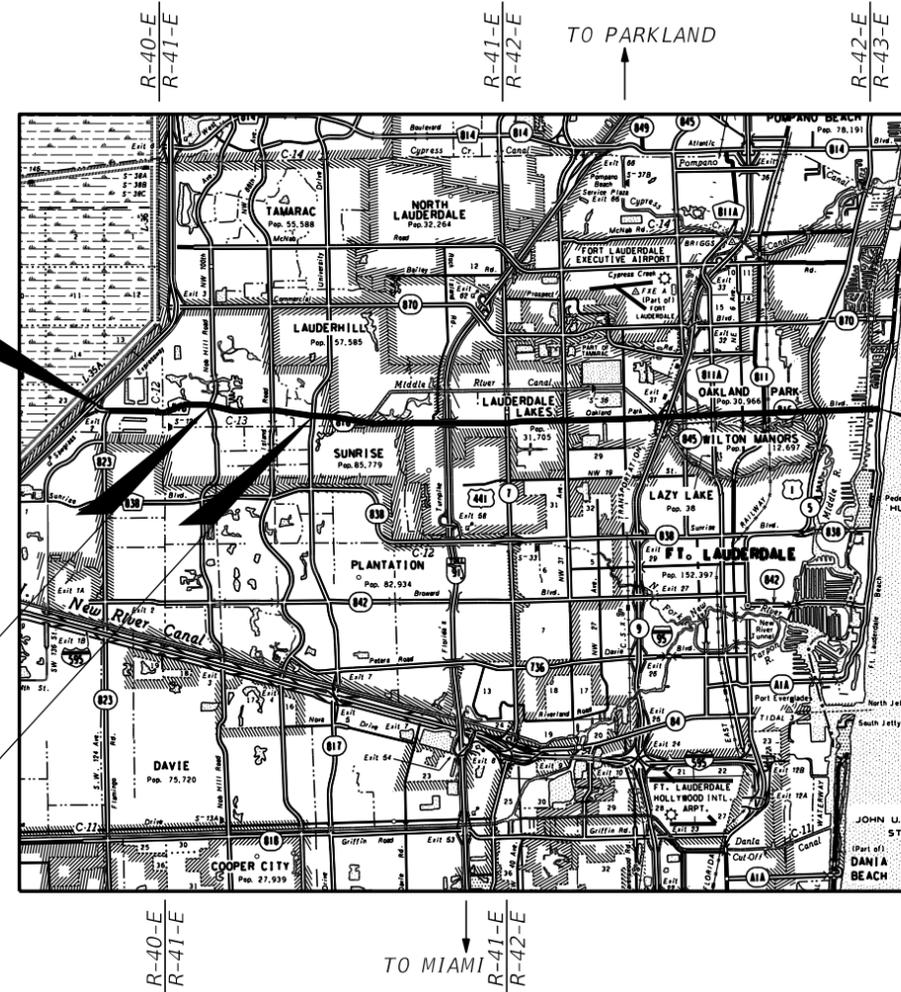
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* THESE SHEETS ARE INCLUDED IN THE INDEX OF ROADWAY PLANS ONLY TO INDICATE THAT THEY ARE PART OF THE ROADWAY PLANS. THESE SHEETS ARE CONTAINED IN A SEPARATE DIGITALLY SIGNED AND SEALED DOCUMENT.

BEGIN PROJECT
M.P. 0.383

END M.P. 2.136 (BK)
BEGIN M.P. 0.000 (AH)

END M.P. 1.755 (BK)
BEGIN M.P. 0.000 (AH)



LOCATION OF PROJECT

CONSTRUCTABILITY SUBMITTAL
OCTOBER 2018

THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL.

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

GOVERNING STANDARD PLANS:

2018 Florida GreenBook and Florida Department of Transportation,
FY2018-19 Standard Plans for Road and
Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and association 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, January 2019 Standard Specifications
for Road and Bridge Construction at the following website:
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

**ROADWAY PLANS
ENGINEER OF RECORD:**

AECOM TECHNICAL SERVICES, INC.
7800 CONGRESS AVENUE, SUITE 200
BOCA RATON, FL 33487
CONTRACT NO.: C9F49
VENDOR NO.: 952661922-001
CERTIFICATE OF AUTHORIZATION NO.: 8115
MOHAMED A. ABRAHIEM, P.E. NO. 55238

FDOT PROJECT MANAGER:

BINOD BASNET, P.E.

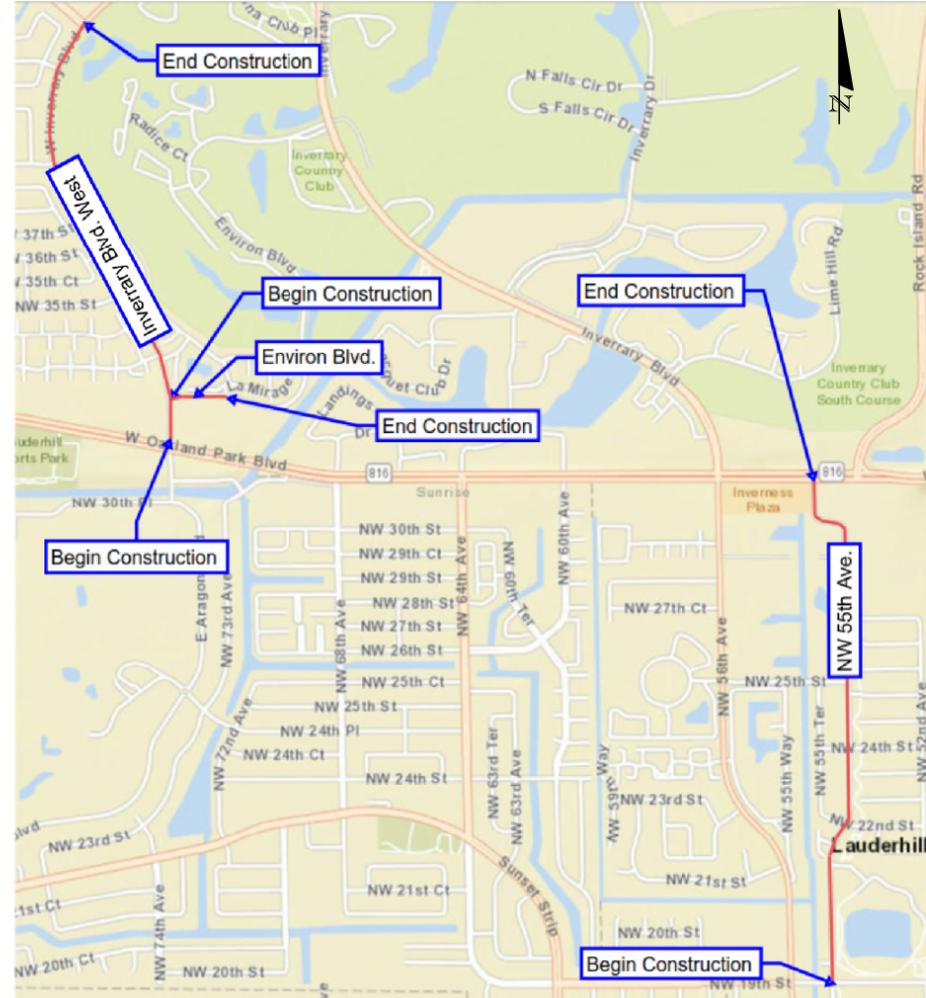
CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	20	1

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

LAUDERHILL

1. THE PLANS SUBMITTAL INCLUDE TRANSIT AND MOBILITY PROJECTS ON SIX OFF-SYSTEM ROADWAYS, OF WHICH THREE ARE LOCATED IN THE CITY OF LAUDERHILL AS FOLLOWS:

- a) INVERRARY BOULEVARD WEST FROM OAKLAND PARK BOULEVARD TO NW 42 STREET AS DICTED IN TYPICAL SECTION SHEETS 4-6, PLAN SHEETS 12-15, CROSS SECTION SHEETS: 33-44.
- b) ENVIRON BOULEVARD FROM INVERRARY BOULEVARD WEST TO LA MIRAGE ENTRANCE AS DICTED IN TYPICAL SECTION SHEET 6, PLAN SHEET 16, CROSS SECTION SHEETS 45-46.
- c) NW 55 AVENUE FROM NW 19 STREET TO OAKLAND PARK BOULEVARD AS DICTED IN TYPICAL SECTION SHEET 7, PLAN SHEETS 17-22, CROSS SECTION SHEETS 47-64.

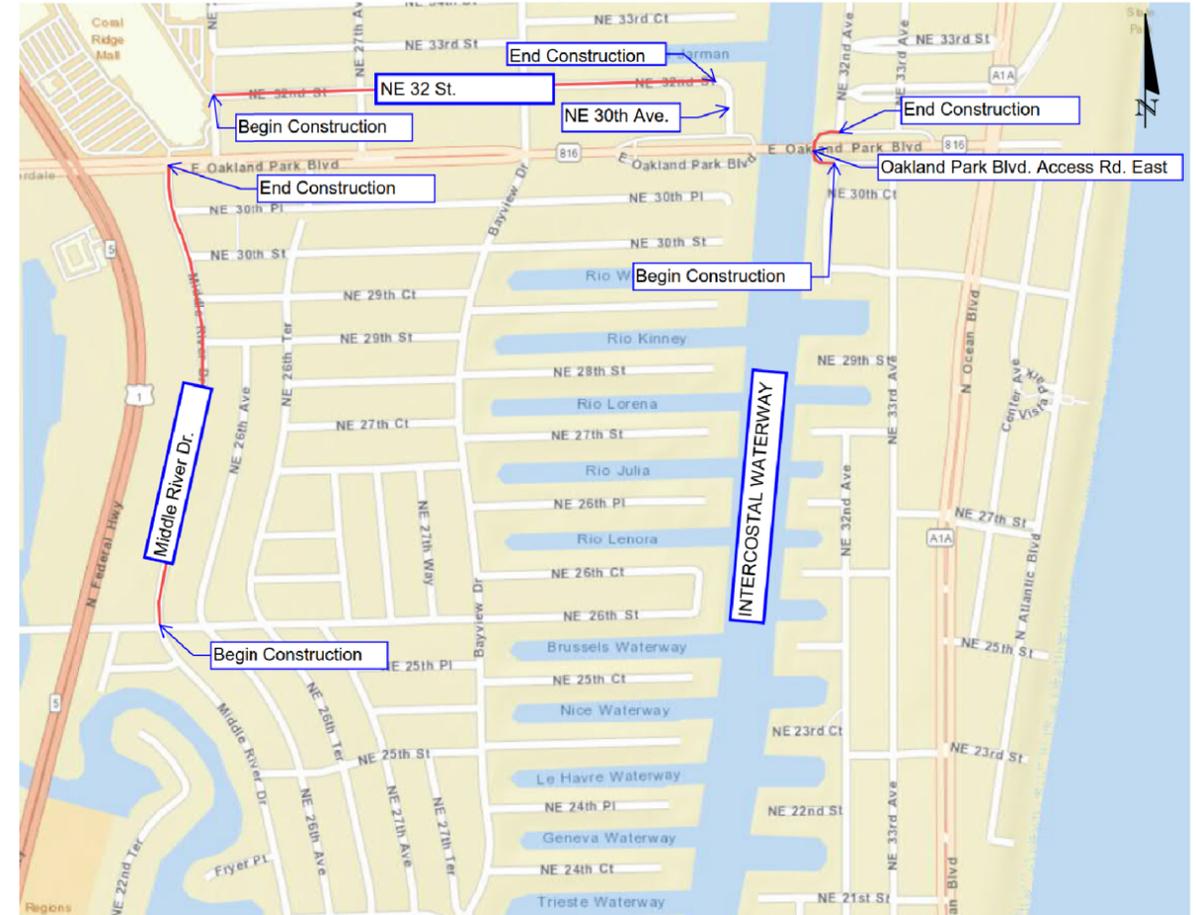


LOCATION MAP 1

FORT LAUDERDALE

THE REMAINING THREE STREETS ARE LOCATED IN THE CITY OF FORT LAUDERDALE AS FOLLOWS:

- a) MIDDLE RIVER DRIVE FROM NE 26 STREET TO OAKLAND PARK BOULEVARD AS DICTED IN TYPICAL SECTION SHEET 8, PLAN SHEETS 23-25, CROSS SECTION SHEETS 65-76.
- b) NE 32 STREET FROM NE 26 AVENUE TO NE 30 AVENUE AS DICTED IN TYPICAL SECTION SHEET 9, PLAN SHEETS 26-28, CROSS SECTION SHEETS 77-85.
- c) OAKLAND PARK BOULEVARD ACCESS ROAD EAST FROM NE 32 AVENUE TO WESTBOUND OAKLAND PARK BOULEVARD AS DICTED IN TYPICAL SECTION SHEET 10, PLAN SHEET 27



LOCATION MAP 2

REVISIONS				MOHAMED A. ABRAHIEM, P.E. P.E. LICENSE NUMBER 55238 AECOM TECHNICAL SERVICES, INC. 7800 CONGRESS AVENUE, SUITE 200 BOCA RATON, FL 33487 CERTIFICATE OF AUTHORIZATION NO. 8115	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 1A
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					BROWARD	429569-5-52-01	NOTES TO REVIEWERS	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23-004, F.A.C.

FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 429569-5-52-01						
LEAD PROJECT : 429569-5-52-01		DISTRICT : 04		COUNTY/SECTION : 86000050		
PROJECT(S) : 42956955201		COUNTY : BROWARD				
0200 SUMMARY OF ROADWAY						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	42956955201	QUANTITY TOTAL
		0101- 1-	MOBILIZATION 42956955201	LS	1.000	1.000
		0102- 1-	MAINTENANCE OF TRAFFIC 42956955201	(LS)	1.000	1.000
		0102- 60-	WORK ZONE SIGN	ED	1.000	1.000
		0102- 61-	BUSINESS SIGN	EA	1.000	1.000
		0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	1.000	1.000
		0102- 74- 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	1.000	1.000
		0102- 74- 7	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	LF	1.000	1.000
		0102- 78-	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA	1.000	1.000
		0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	1.000	1.000
		0104- 10- 3	SEDIMENT BARRIER	LF	1.000	1.000
		0104- 18-	INLET PROTECTION SYSTEM	EA	1.000	1.000
P		0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING 42956955201	LS	1.000	1.000
P		0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING 42956955201	LS	1.000	1.000
		0110- 2- 2	SELECTIVE CLEARING AND GRUBBING, AREAS WITH TREES TO REMAIN	AC	1.000	1.000
		0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	1.000	1.000
		0110- 7- 1	MAILBOX, F&I SINGLE	EA	1.000	1.000
		0120- 1-	REGULAR EXCAVATION	CY	1.000	1.000
		0120- 6-	EMBANKMENT	CY	1.000	1.000
		0160- 4-	TYPE B STABILIZATION	SY	1.000	1.000
		0285-706-	OPTIONAL BASE, BASE GROUP 06	SY	1.000	1.000
		0285-715-	OPTIONAL BASE, BASE GROUP 15	SY	1.000	1.000
		0327- 70- 1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	SY	1.000	1.000
		0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	1.000	1.000
		0334- 1- 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	1.000	1.000
		0337- 7- 80	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC B, FC-9.5, PG 76-22	TN	1.000	1.000
		0337- 7- 81	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC B, FC-12.5, PG 76-22	TN	1.000	1.000
		0425- 6-	VALVE BOXES, ADJUST	EA	1.000	1.000
		0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	1.000	1.000
		0520- 2- 4	CONCRETE CURB, TYPE D	LF	1.000	1.000
		0521- 72- 44	SHOULDER CONCRETE BARRIER, 44" PIER PROTECTION BARRIER /CRASH WALL	LF	1.000	1.000
		0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	1.000	1.000
		0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	1.000	1.000
		0526- 1- 1	PAVERS, ARCHITECTURAL, ROADWAY	SY	1.000	1.000
		0536- 1- 0	GUARDRAIL -ROADWAY, GENERAL/LOW SPEED TL-2	LF	1.000	1.000
		0536- 85- 25	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE TYPE II	EA	1.000	1.000
		0570- 1- 2	PERFORMANCE TURF, SOD	SY	1.000	1.000

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LEAD PROJECT : 429569-5-52-01		DISTRICT : 04		COUNTY/SECTION : 86000050		
PROJECT(S) : 42956955201		COUNTY : BROWARD				
0300 SUMMARY OF SIGNING						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	42956955201	QUANTITY TOTAL
A		0523- 1- 3	PATTERNED PAVEMENT, VEHICULAR AREAS- GREEN BIKE LANE	SY	1.000	1.000
		0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	1.000	1.000
		0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	1.000	1.000
		0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	1.000	1.000
A		0706- 3-	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	EA	1.000	1.000
		0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	1.000	1.000
		0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE 42956955201	LS	1.000	1.000
		0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	1.000	1.000
		0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	1.000	1.000
		0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	1.000	1.000
		0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	1.000	1.000
		0711- 14-123	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK	LF	1.000	1.000
		0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	1.000	1.000
		0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	1.000	1.000
		0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	1.000	1.000
		0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	1.000	1.000
		0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	1.000	1.000
		0711- 16-131	THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	1.000	1.000
		0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	1.000	1.000
		0711- 16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	1.000	1.000

REVISIONS				MOHAMED A. ABRAHIEM, P.E. P.E. LICENSE NUMBER 55238 AECOM TECHNICAL SERVICES, INC. 7800 CONGRESS AVENUE, SUITE 200 BOCA RATON, FL 33487 CERTIFICATE OF AUTHORIZATION NO. 8115	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						BROWARD	429569-5-52-01	

SUMMARY OF PAY ITEMS

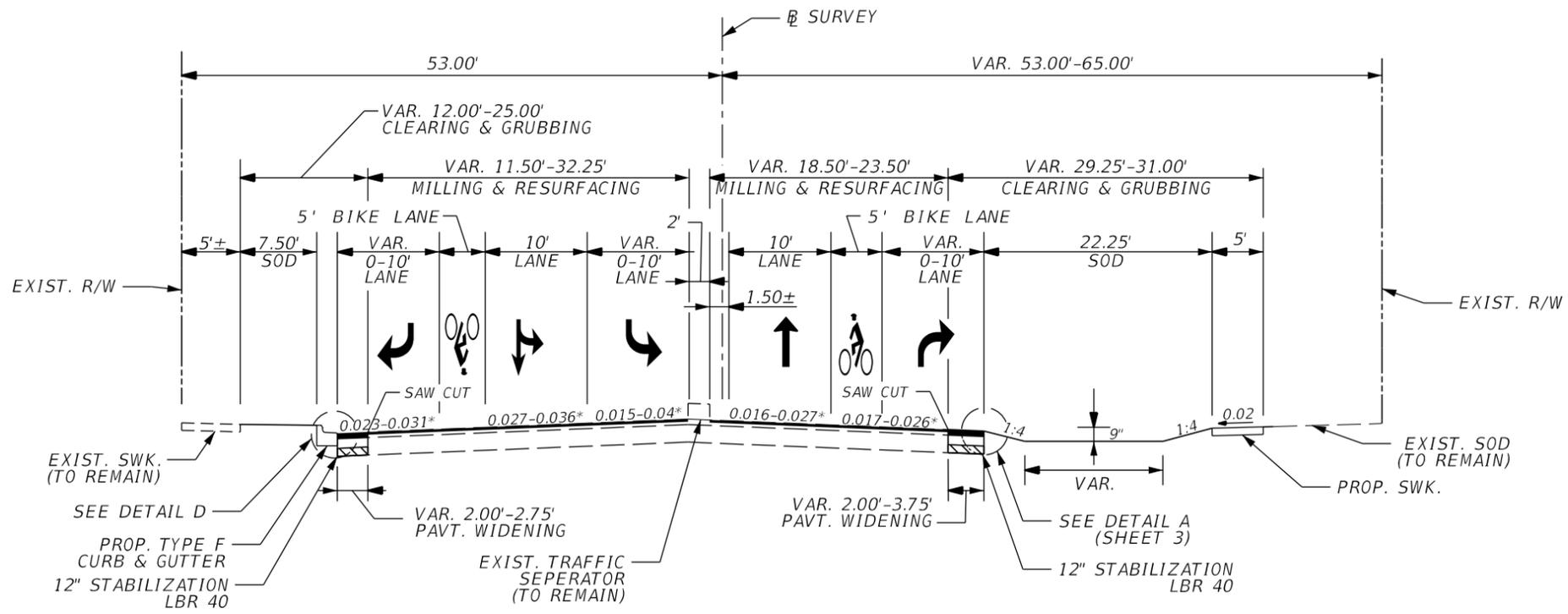
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LEAD PROJECT : 429569-5-52-01		DISTRICT : 04		COUNTY/SECTION : 86000050		
PROJECT(S) : 42956955201			COUNTY : BROWARD			
0500 SUMMARY OF SIGNALIZATION						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	42956955201	QUANTITY TOTAL
T		0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	1.000	1.000
		0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	1.000	1.000
		0653- 1- 60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN	AS	1.000	1.000
P		0663- 1-121	SIGNAL PRIORITY AND PREEMPTION SYSTEM, FURNISH AND INSTALL , GPS, REPLACE CABINET ELECTRONICS	EA	1.000	1.000
P		0663- 1-122	SIGNAL PRIORITY AND PREEMPTION SYSTEM, FURNISH AND INSTALL , GPS, DETECTOR	EA	1.000	1.000
		0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	1.000	1.000
		0665- 1- 60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	EA	1.000	1.000
P		0671- 2- 40	TRAFFIC CONTROLLER, MODIFY	EA	1.000	1.000

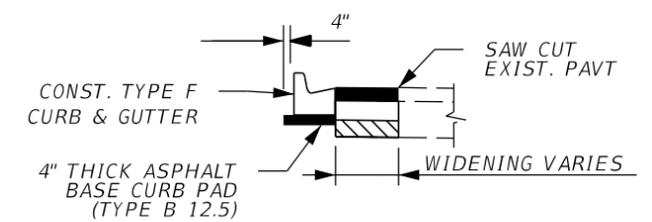
FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 429569-5-52-01						
LEAD PROJECT : 429569-5-52-01		DISTRICT : 04		COUNTY/SECTION : 86000050		
PROJECT(S) : 42956955201			COUNTY : BROWARD			
0700 SUMMARY OF UTILITIES						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	42956955201	QUANTITY TOTAL
		0425- 1-569	INLETS, DITCH BOTTOM, TYPE F, MODIFY	EA	1.000	1.000
		0425- 1-910	INLETS, CLOSED FLUME	EA	1.000	1.000
		0430-174-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"SD	LF	1.000	1.000
		0430-830-	PIPE FILLING AND PLUGGING- PLACE OUT OF SERVICE	CY	1.000	1.000

<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					MOHAMED A. ABRAHIEM, P.E. P.E. LICENSE NUMBER 55238 AECOM TECHNICAL SERVICES, INC. 7800 CONGRESS AVENUE, SUITE 200 BOCA RATON, FL 33487 CERTIFICATE OF AUTHORIZATION NO. 8115	<table border="1"> <thead> <tr> <th colspan="3">STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</th> </tr> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td> </td> <td>BROWARD</td> <td>429569-5-52-01</td> </tr> </tbody> </table>	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		BROWARD	429569-5-52-01	SHEET NO. 3
REVISIONS																											
DATE	DESCRIPTION	DATE	DESCRIPTION																								
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION																											
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																									
	BROWARD	429569-5-52-01																									

SUMMARY OF PAY ITEMS



TYPICAL SECTION 1
 INVERRARY BLVD. WEST
 FROM OAKLAND PARK BLVD. TO ENVIRON BLVD.
 STA. 30+57.36 TO STA. 35+14.43
 DESIGN SPEED = 30 MPH

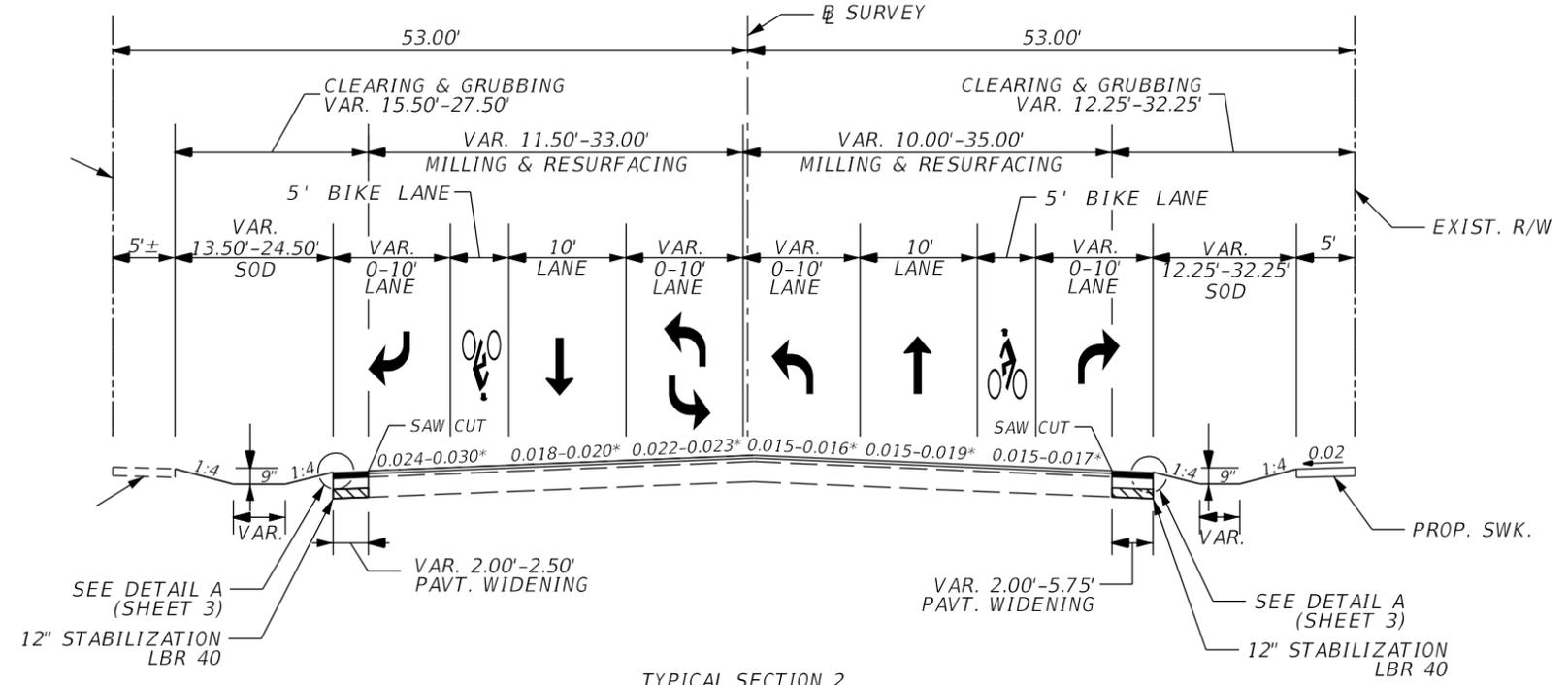


CURB DETAIL D PAD

- MILLING
MILL EXISTING ASPHALT PAVEMENT 1.0" AVERAGE DEPTH
- RESURFACING
FRICTION COURSE TRAFFIC B,
FC-9.5 (1.0") (PG 76-22)
- WIDENING
BASE GROUP 6
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1.0")
AND FRICTION COURSE TRAFFIC B,
FC-9.5 (1.0") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR	= 2016 AADT	= 12100
ESTIMATED OPENING YEAR	= N/A AADT	= N/A
ESTIMATED DESIGN YEAR	= N/A AADT	= N/A
K=	9.00%	D= 56.10%
		T= 2.90% (24 HOUR)
DESIGN HOUR T	= N/A	
DESIGN SPEED	= 30 MPH	



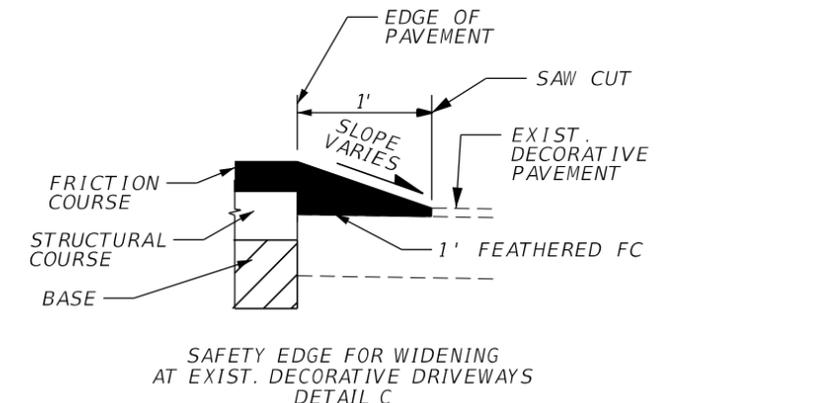
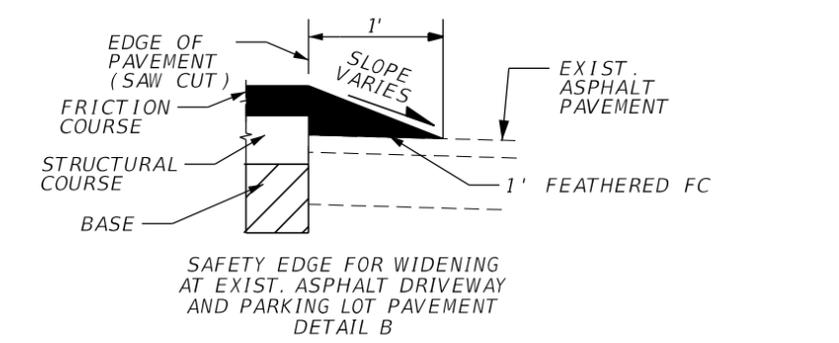
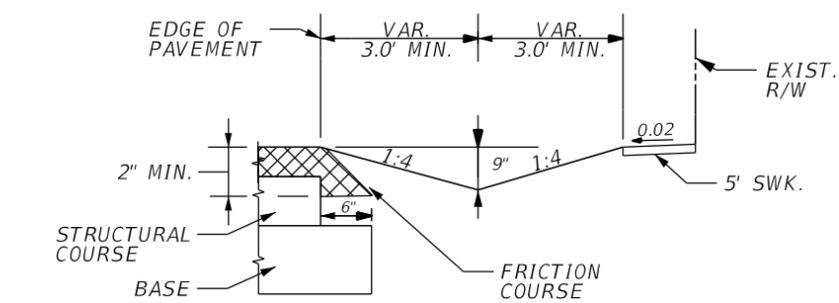
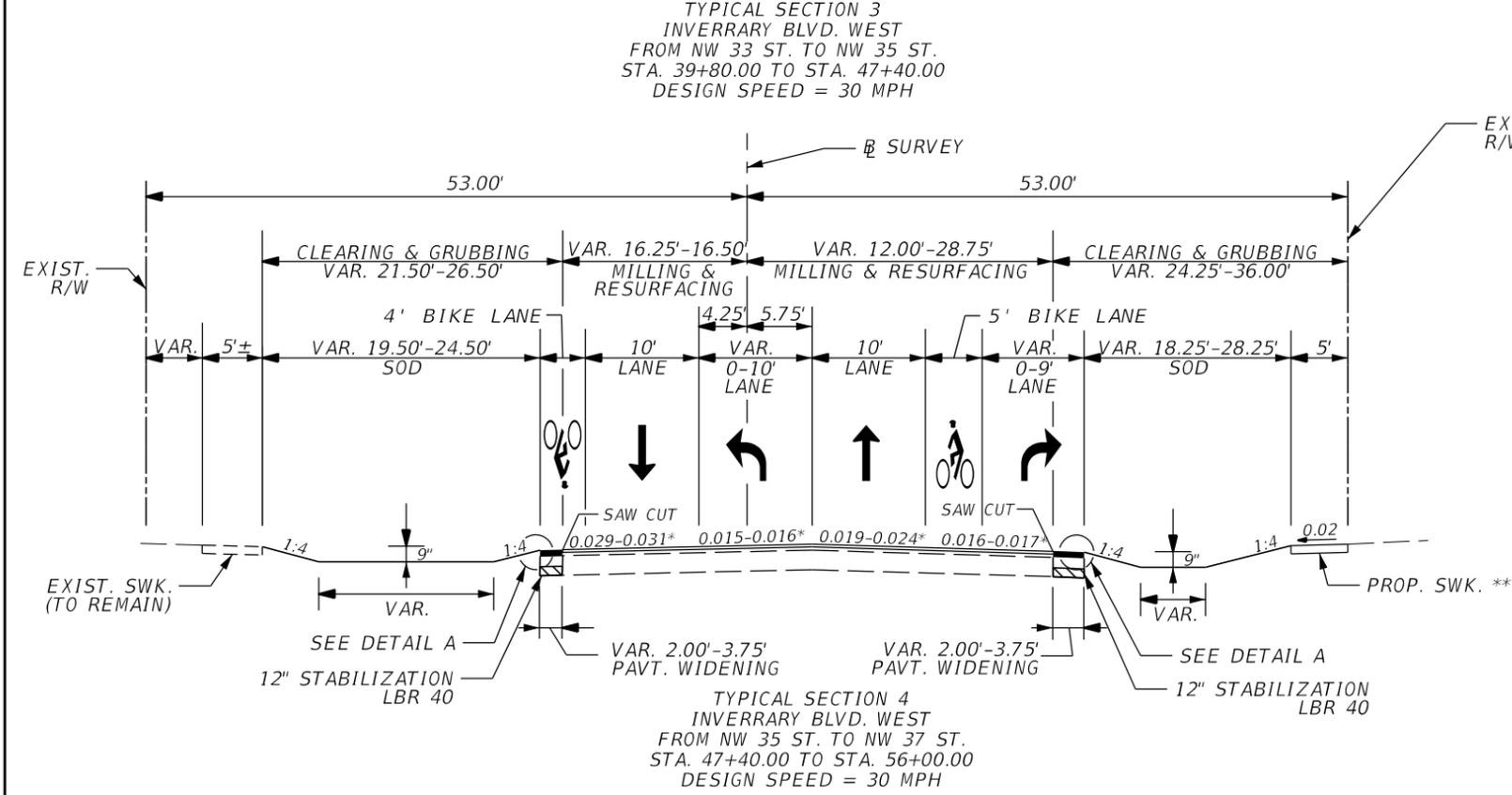
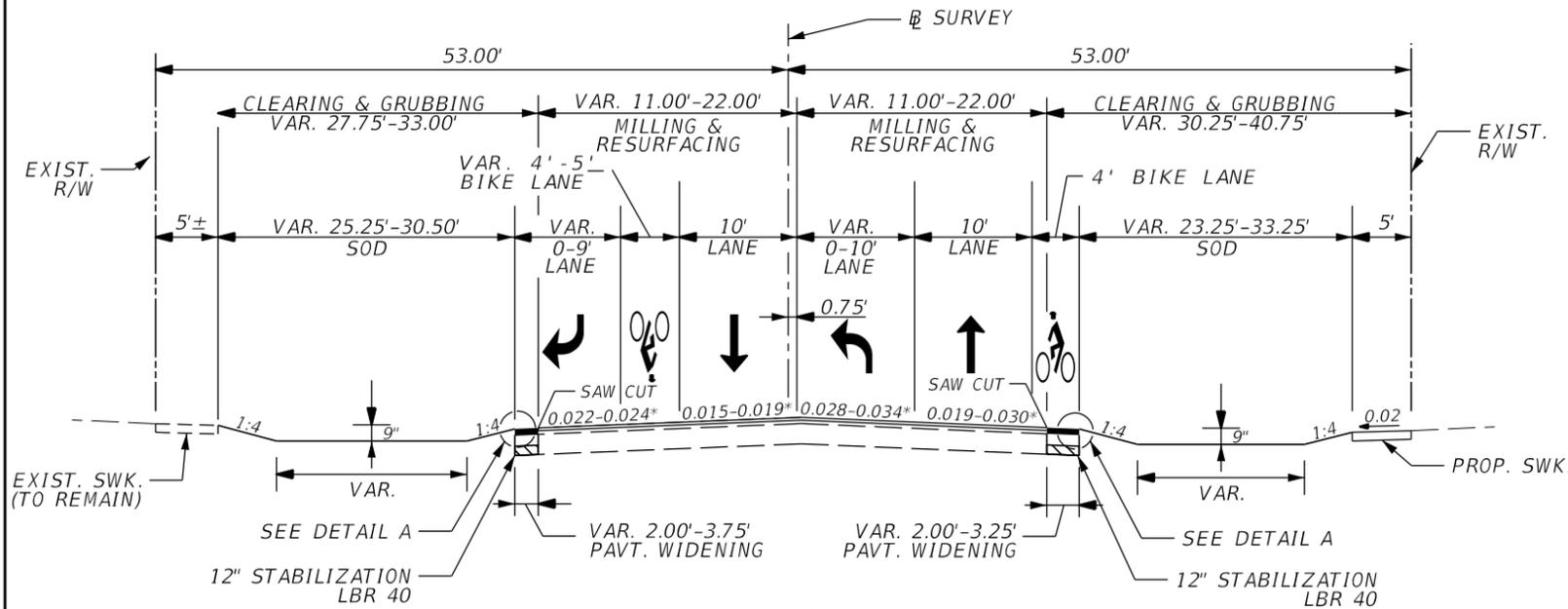
TYPICAL SECTION 2
 INVERRARY BLVD. WEST
 FROM ENVIRON BLVD. TO NW 33 STREET
 STA. 35+14.43 TO STA. 39+80.00
 DESIGN SPEED = 30 MPH

* MATCH EXIST. CROSS SLOPE.
 APPROX. VALUE RANGE SHOWN

INVERRARY BLVD. WEST

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					BROWARD	429569-5-52-01	TYPICAL SECTIONS	

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- MILLING
- MILL EXISTING ASPHALT PAVEMENT 1.0" AVERAGE DEPTH
- RESURFACING
- FRICION COURSE TRAFFIC B, FC-9.5 (1.0") (PG 76-22)
- WIDENING
- OPTIONAL BASE GROUP 6
- TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1.0")
- AND FRICION COURSE TRAFFIC B, FC-9.5 (1.0") (PG 76-22)

TRAFFIC DATA

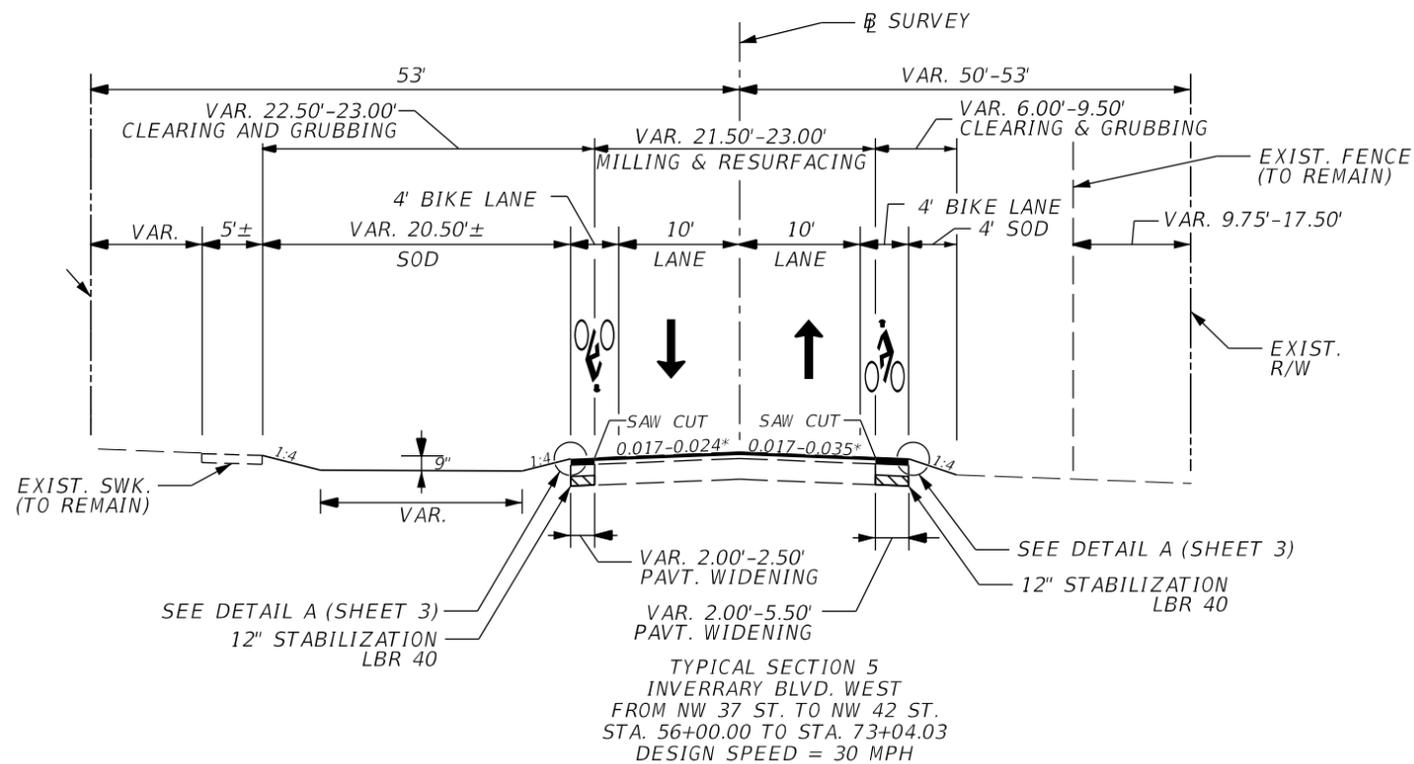
CURRENT YEAR	= 2016 AADT	= 12100
ESTIMATED OPENING YEAR	= N/A AADT	= N/A
ESTIMATED DESIGN YEAR	= N/A AADT	= N/A
K = 9.00%	D = 56.10%	T = 2.90% (24 HOUR)
DESIGN HOUR T	= N/A	
DESIGN SPEED	= 30 MPH	

* MATCH EXIST. CROSS SLOPE. APPROX. VALUE RANGE SHOWN
 ** SIDEWALK ENDS AT STA. 56+00.00 (RT)

INVERRARY BLVD. WEST

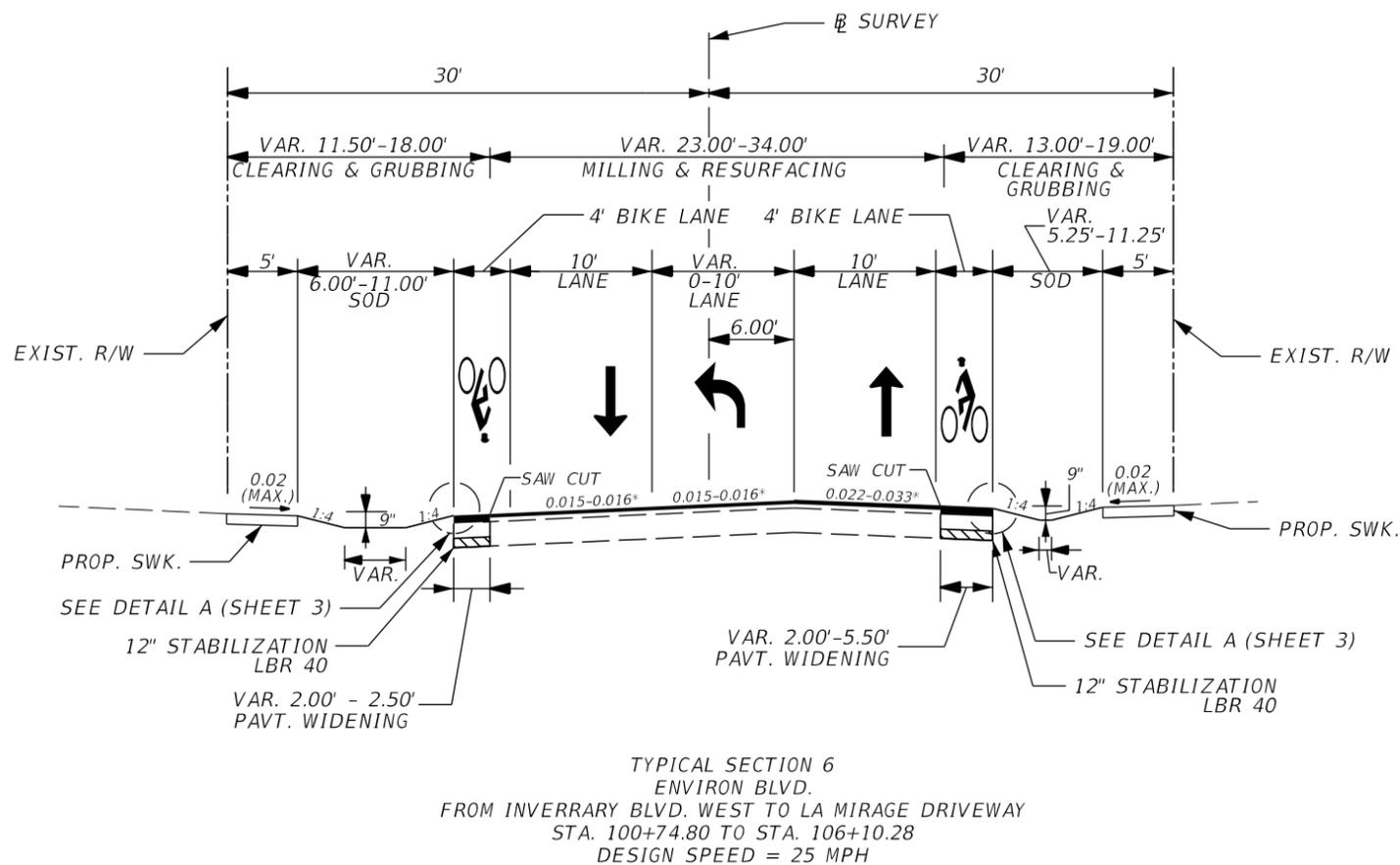
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					BROWARD	429569-5-52-01	TYPICAL SECTIONS	

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INVERRARY BLVD. WEST

MILLING	
MILL EXISTING ASPHALT PAVEMENT 1.0" AVERAGE DEPTH	
RESURFACING	
FRICTION COURSE TRAFFIC B, FC-9.5 (1.0") (PG 76-22)	
WIDENING	
OPTIONAL BASE GROUP 6 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1.0") AND FRICTION COURSE TRAFFIC B, FC-9.5 (1.0") (PG 76-22)	
TRAFFIC DATA	
CURRENT YEAR	= 2016 AADT = 12100
ESTIMATED OPENING YEAR	= N/A AADT = N/A
ESTIMATED DESIGN YEAR	= N/A AADT = N/A
K=	9.00% D= 56.10% T=2.90% (24 HOUR)
DESIGN HOUR T	= N/A
DESIGN SPEED	= 30 MPH



ENVIRON BLVD.

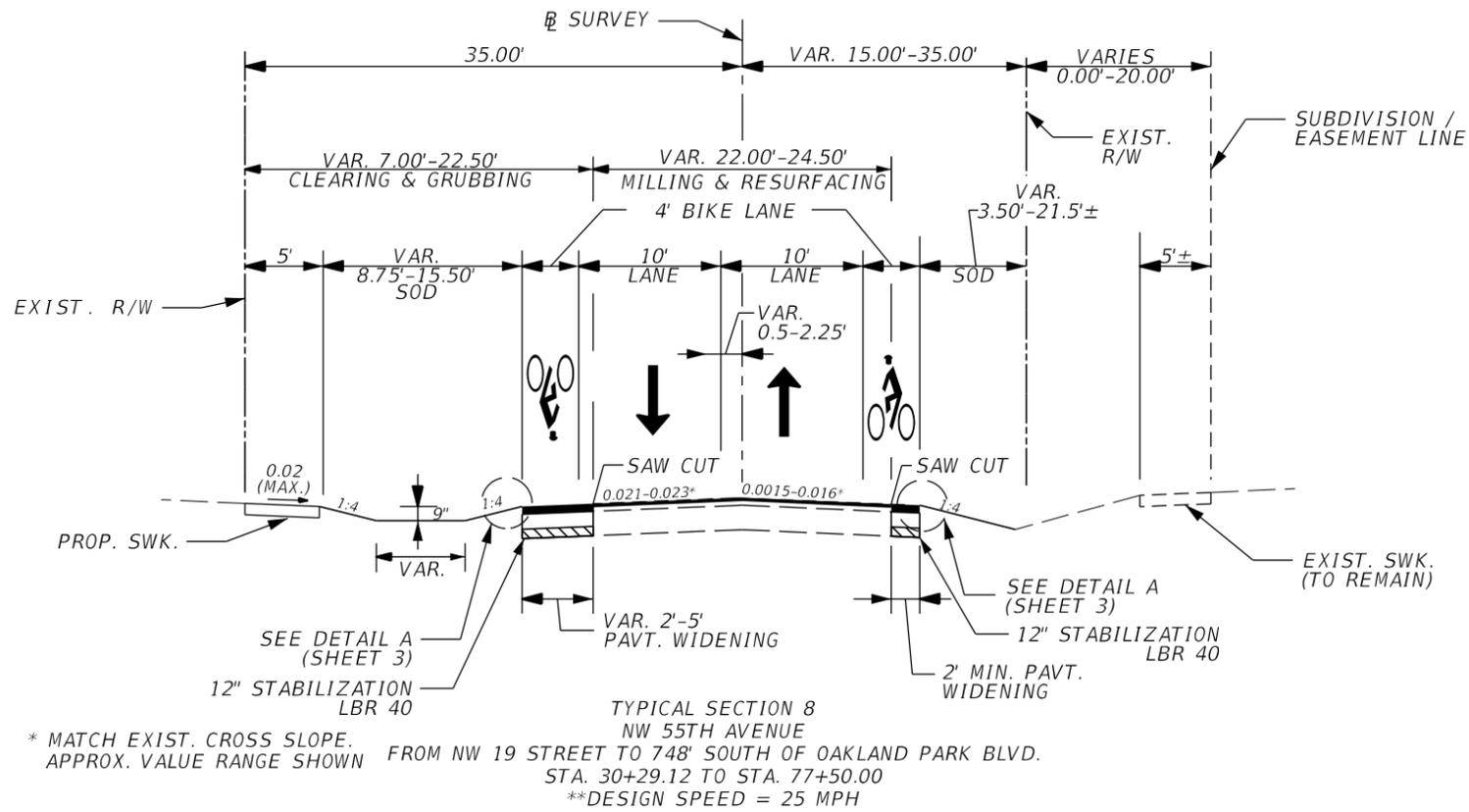
MILLING	
MILL EXISTING ASPHALT PAVEMENT 1.0" AVERAGE DEPTH	
RESURFACING	
FRICTION COURSE TRAFFIC B, FC-9.5 (1.0") (PG 76-22)	
WIDENING	
OPTIONAL BASE GROUP 6 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1.0") AND FRICTION COURSE TRAFFIC B, FC-9.5 (1.0") (PG 76-22)	
TRAFFIC DATA	
CURRENT YEAR	= N/A AADT = N/A
ESTIMATED OPENING YEAR	= N/A AADT = N/A
ESTIMATED DESIGN YEAR	= N/A AADT = N/A
K=	N/A D= N/A T=N/A (24 HOUR)
DESIGN HOUR T	= N/A
DESIGN SPEED	= 25 MPH

* MATCH EXIST. CROSS SLOPE.
 APPROX. VALUE RANGE SHOWN

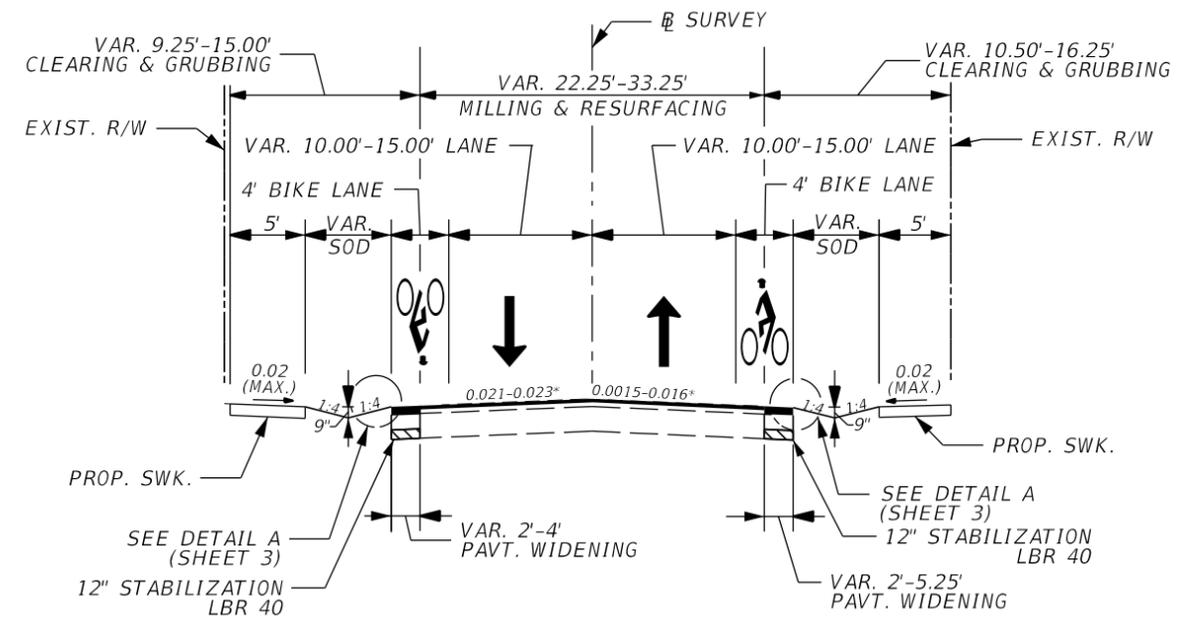
**INVERRARY BLVD. WEST /
 ENVIRON BLVD.**

REVISIONS				MOHAMED A. ABRAHIEM, P.E. P.E. LICENSE NUMBER 55238 AECOM TECHNICAL SERVICES, INC. 7800 CONGRESS AVENUE, SUITE 200 BOCA RATON, FL 33487 CERTIFICATE OF AUTHORIZATION NO. 8115	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTIONS	SHEET NO. 6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						BROWARD	429569-5-52-01		

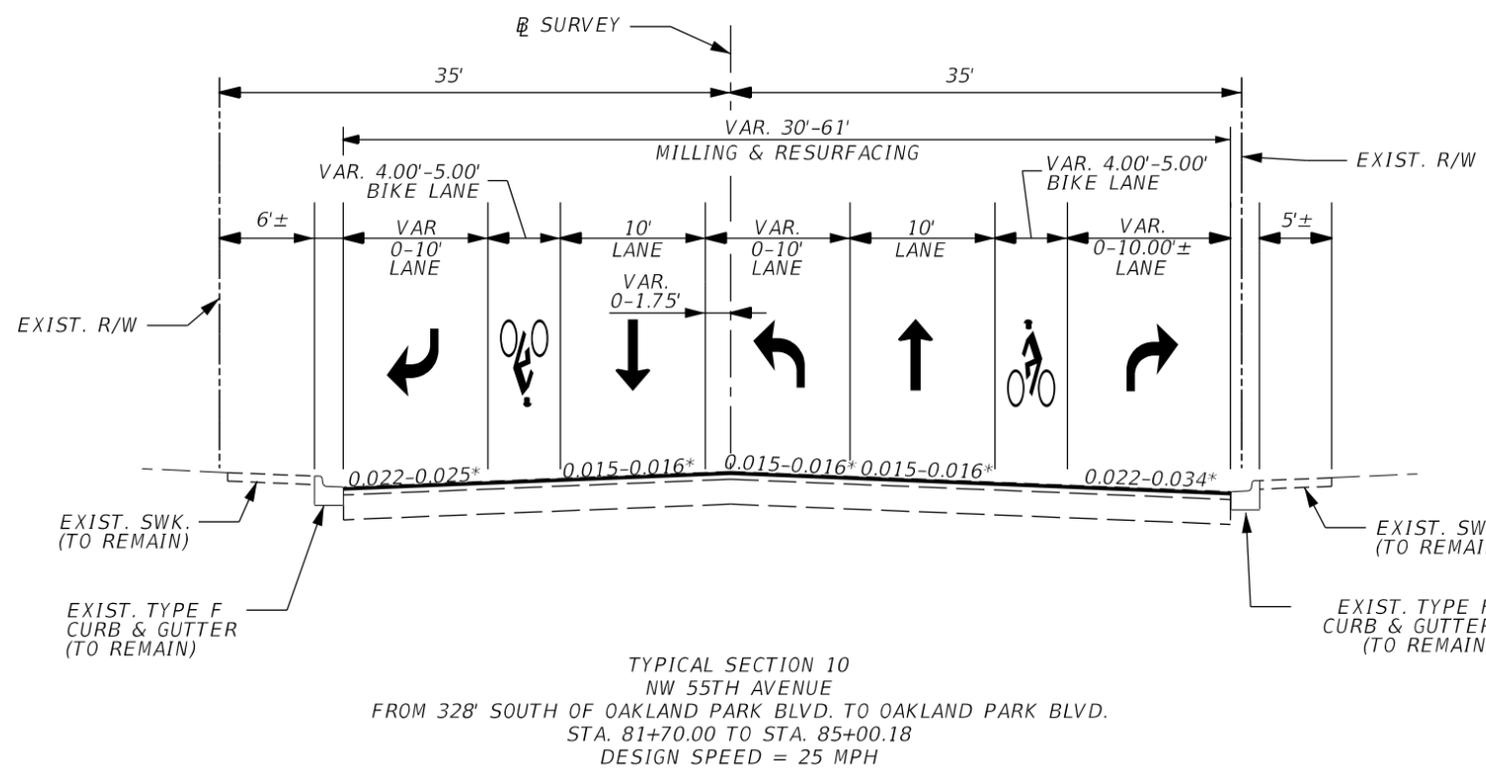
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



* MATCH EXIST. CROSS SLOPE. APPROX. VALUE RANGE SHOWN FROM NW 19 STREET TO 748' SOUTH OF OAKLAND PARK BLVD. STA. 30+29.12 TO STA. 77+50.00
**DESIGN SPEED = 25 MPH



** STA. 77+50.00 TO STA. 81+70.00
DESIGN SPEED 15 MPH



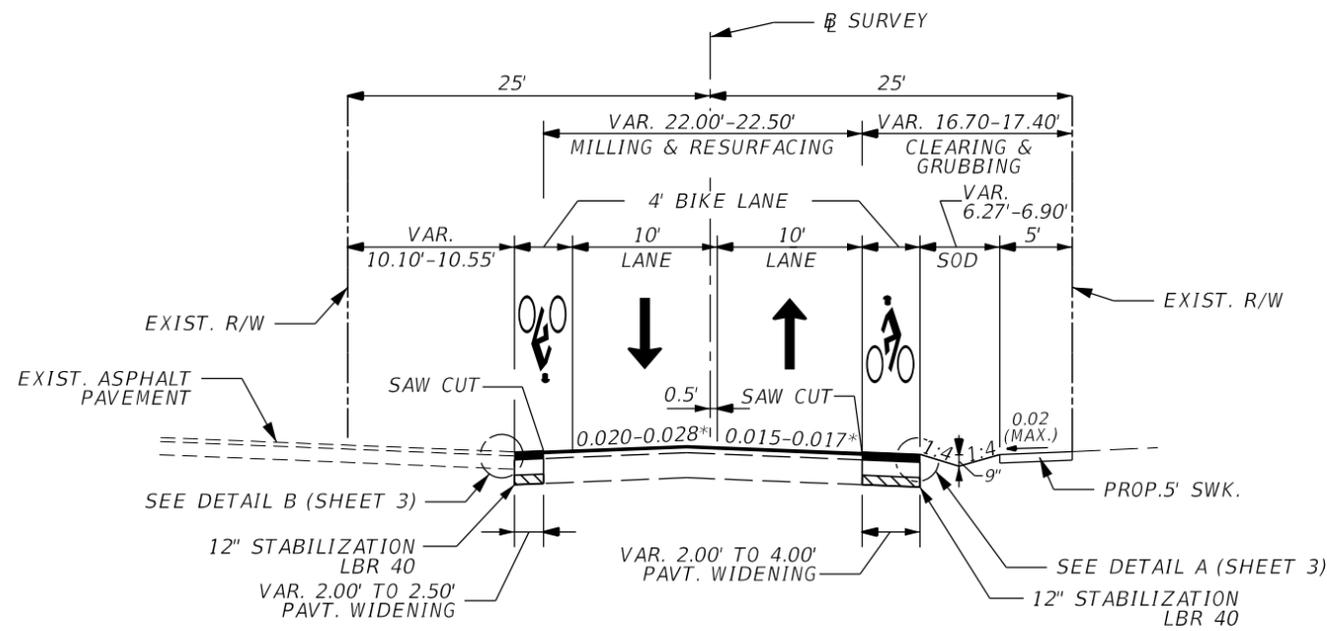
MILLING
MILL EXISTING ASPHALT PAVEMENT 1.0" AVERAGE DEPTH
RESURFACING
FRICTION COURSE TRAFFIC B, FC-9.5 (1.0") (PG 76-22)
WIDENING
OPTIONAL BASE GROUP 6 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1.0") AND FRICTION COURSE TRAFFIC B, FC-9.5 (1.0") (PG 76-22)

TRAFFIC DATA	
CURRENT YEAR	= 2016 AADT = 11700
ESTIMATED OPENING YEAR	= N/A AADT = N/A
ESTIMATED DESIGN YEAR	= N/A AADT = N/A
K= 9.00%	D= 56.10% T=2.90% (24 HOUR)
DESIGN HOUR T	= N/A
DESIGN SPEED	= 25 MPH

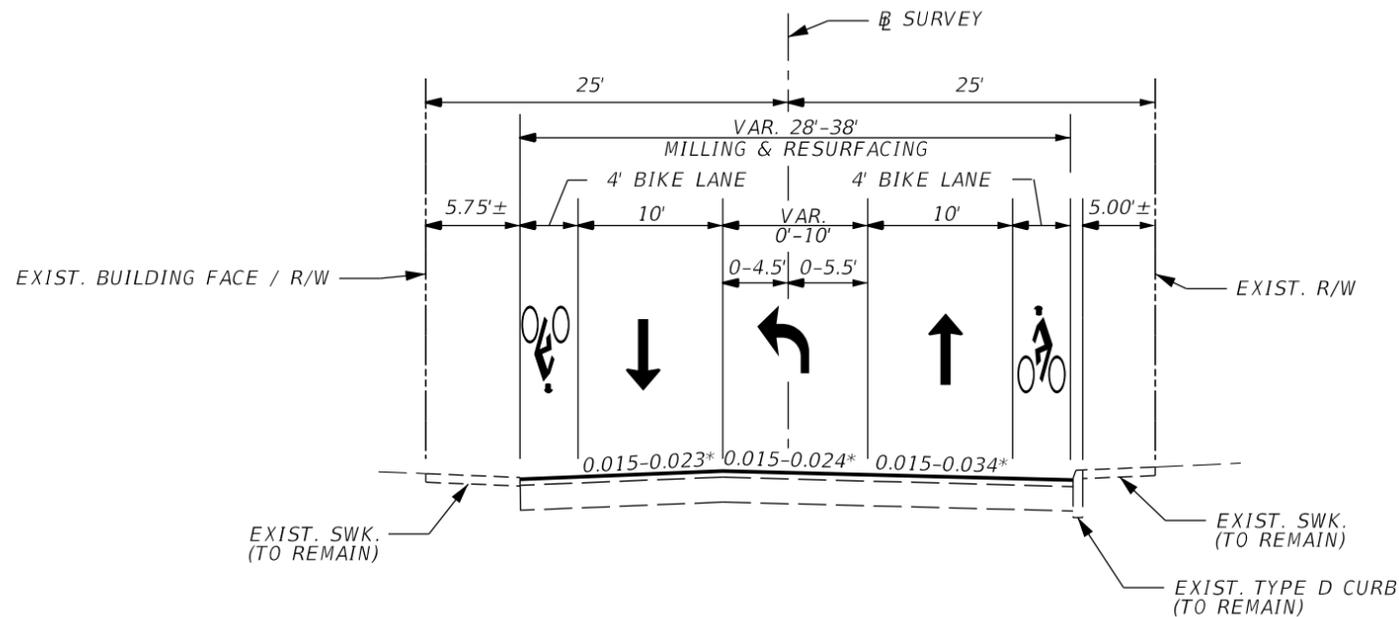
NW 55TH AVE.

REVISIONS				MOHAMED A. ABRAHIEM, P.E. P.E. LICENSE NUMBER 55238 AECOM TECHNICAL SERVICES, INC. 7800 CONGRESS AVENUE, SUITE 200 BOCA RATON, FL 33487 CERTIFICATE OF AUTHORIZATION NO. 8115	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		TYPICAL SECTIONS SHEET NO. 7	
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		FINANCIAL PROJECT ID
						BROWARD		429569-5-52-01

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



TYPICAL SECTION 1
MIDDLE RIVER DRIVE
FROM NE 26 STREET TO NE 30 PLACE
(STA. 30+07.93 TO STA. 54+22.46)
DESIGN SPEED = 25 MPH



TYPICAL SECTION 2
MIDDLE RIVER DRIVE
FROM NE 30 PLACE TO OAKLAND PARK BLVD.
(STA. 54+22.46 TO STA. 56+85.80)
DESIGN SPEED = 25 MPH

* MATCH EXIST. CROSS SLOPE.
APPROX. VALUE RANGE SHOWN

MILLING
MILL EXISTING ASPHALT PAVEMENT 1.5" AVERAGE DEPTH
(1.25" BELOW LIP OF GUTTER ON LOW SIDE, TYPICAL SECTION 2)

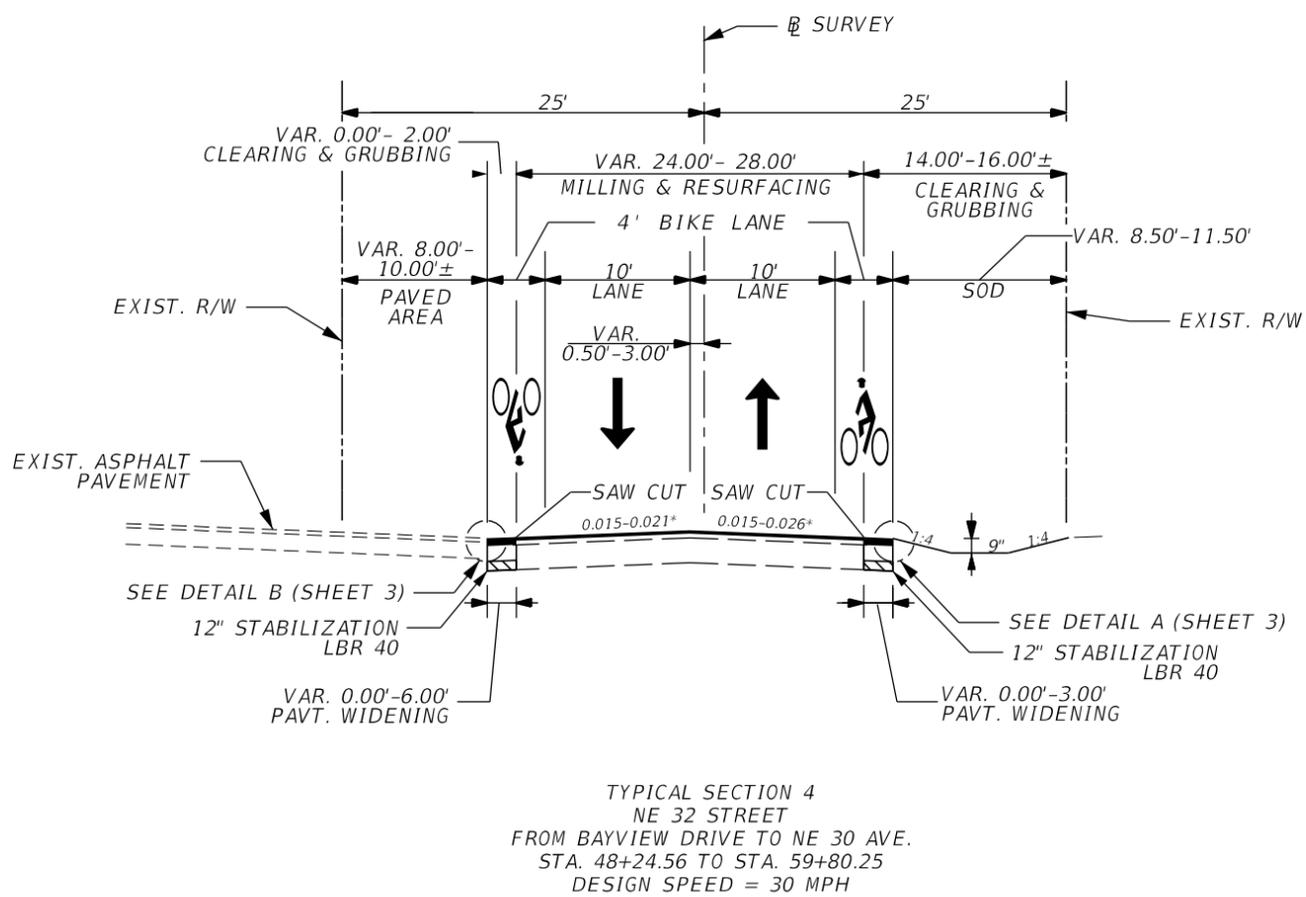
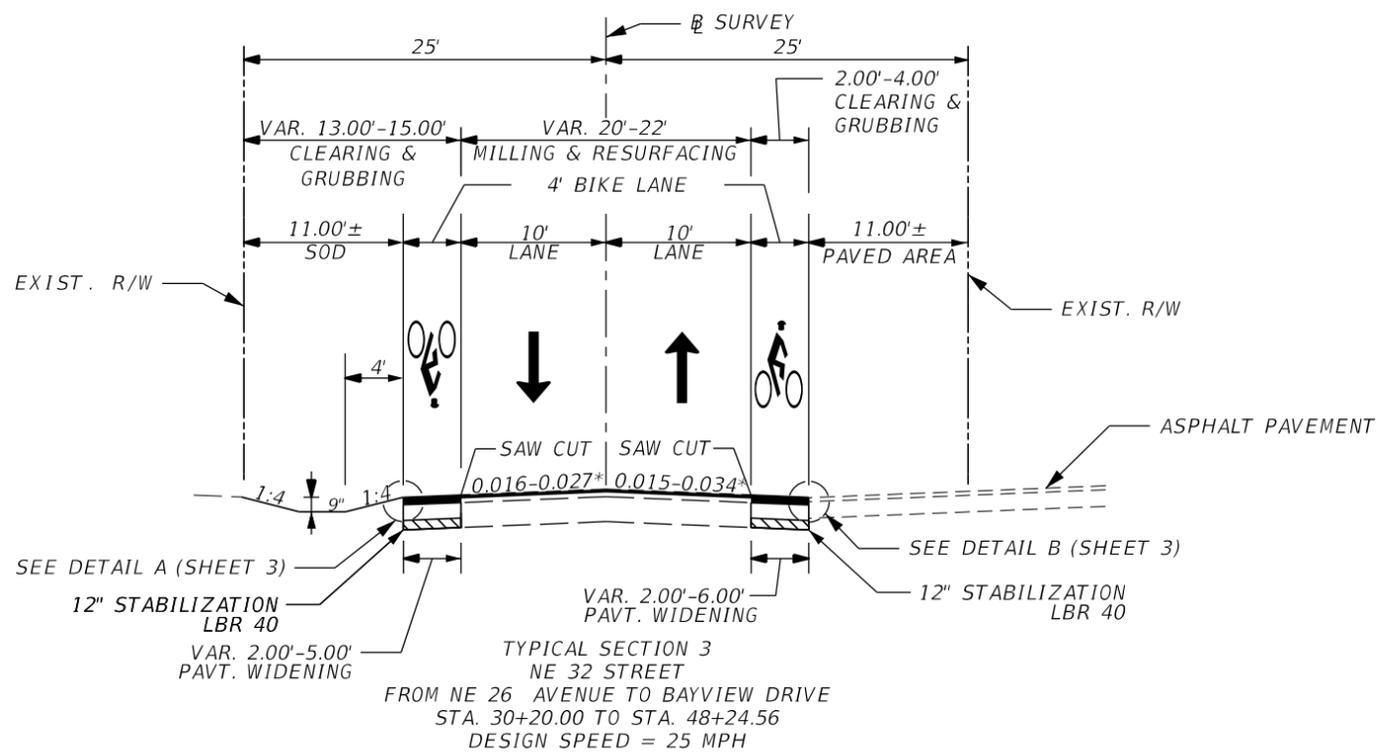
RESURFACING
FRICTION COURSE TRAFFIC B,
FC-12.5 (1.5") (PG 76-22)

WIDENING
OPTIONAL BASE GROUP 6
TYPE SP 9.5 STRUCTURAL COURSE (TRAFFIC B) (1.5")
AND FRICTION COURSE TRAFFIC B,
FC-12.5 (1.5") (PG 76-22)

TRAFFIC DATA
CURRENT YEAR AADT = N/A
ESTIMATED OPENING YEAR = N/A AADT = N/A
ESTIMATED DESIGN YEAR = N/A AADT = N/A
K = N/A D = N/A T = N/A (24 HOUR)
DESIGN HOUR T = N/A
DESIGN SPEED = 25 MPH

MIDDLE RIVER DR.

REVISIONS				MOHAMED A. ABRAHIEM, P.E. P.E. LICENSE NUMBER 55238 AECOM TECHNICAL SERVICES, INC. 7800 CONGRESS AVENUE, SUITE 200 BOCA RATON, FL 33487 CERTIFICATE OF AUTHORIZATION NO. 8115	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 8
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					BROWARD	429569-5-52-01	TYPICAL SECTIONS	



MILLING
MILL EXISTING ASPHALT PAVEMENT 1.5" AVERAGE DEPTH

RESURFACING
FRICTION COURSE TRAFFIC B,
FC-12.5 (1.5") (PG 76-22)

WIDENING
OPTIONAL BASE GROUP 6
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1.5")
AND FRICTION COURSE TRAFFIC B,
FC-12.5 (1.5") (PG 76-22)

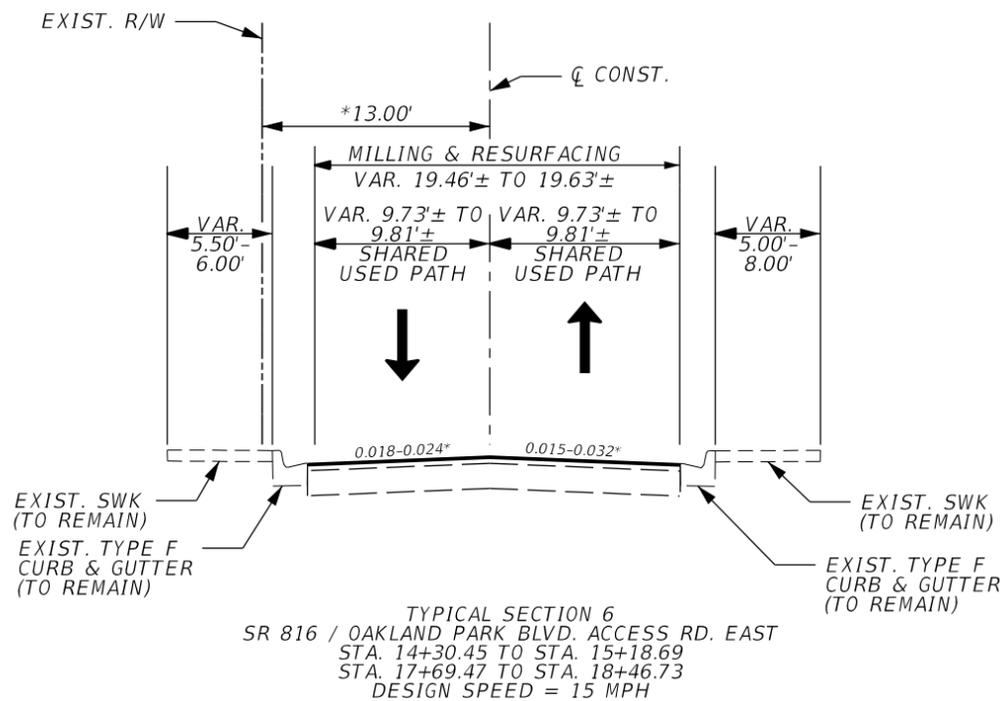
TRAFFIC DATA
CURRENT YEAR = N/A AADT = N/A
ESTIMATED OPENING YEAR = N/A AADT = N/A
ESTIMATED DESIGN YEAR = N/A AADT = N/A
K= N/A D= N/A T=N/A (24 HOUR)
DESIGN HOUR T = N/A
DESIGN SPEED = 30 MPH

* MATCH EXIST. CROSS SLOPE.
APPROX. VALUE RANGE SHOWN

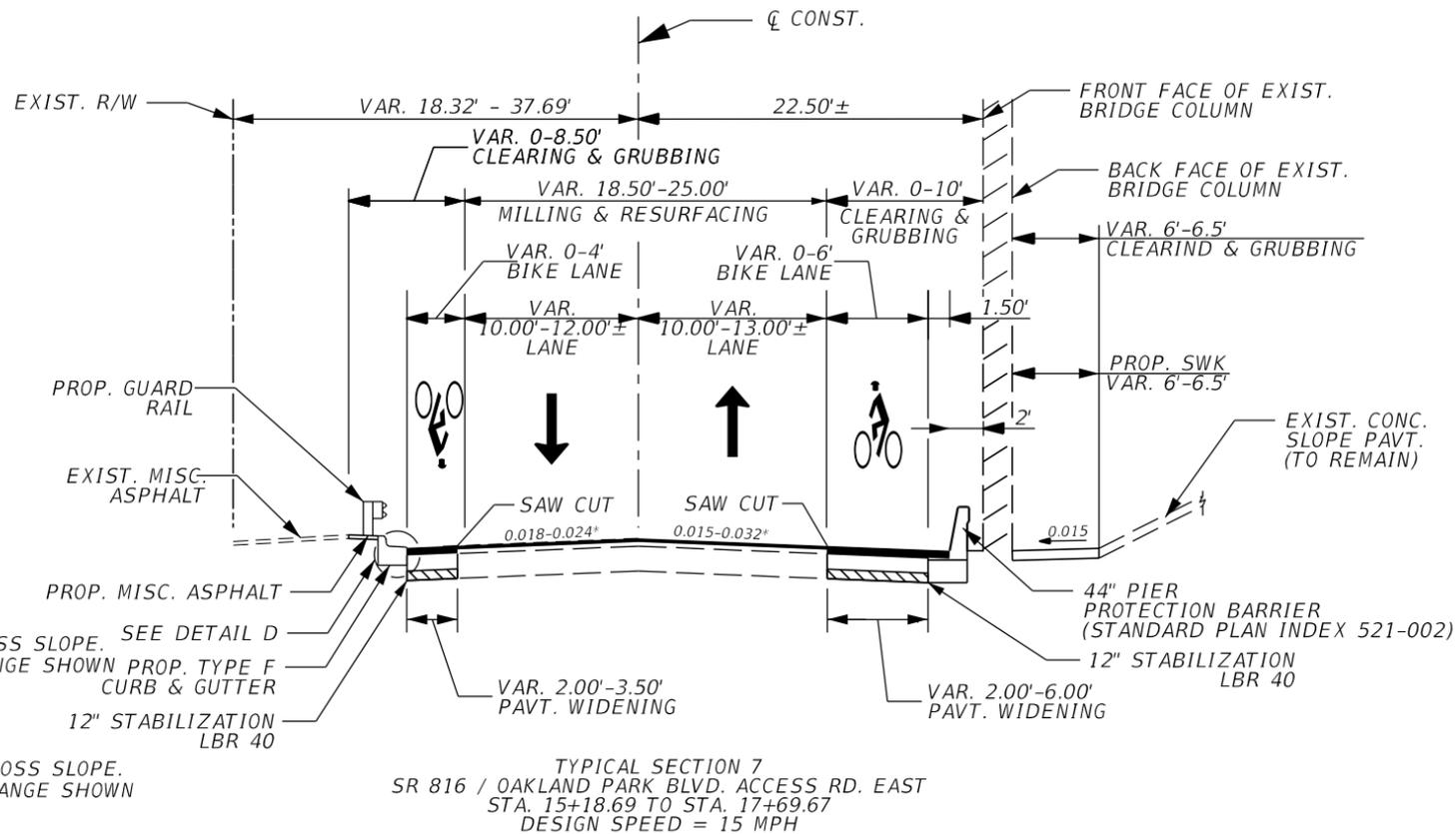
NE 32ND ST.

REVISIONS				MOHAMED A. ABRAHIEM, P.E. P.E. LICENSE NUMBER 55238 AECOM TECHNICAL SERVICES, INC. 7800 CONGRESS AVENUE, SUITE 200 BOCA RATON, FL 33487 CERTIFICATE OF AUTHORIZATION NO. 8115	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 9
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					BROWARD	429569-5-52-01	TYPICAL SECTIONS	

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* STA. 17+69.47 TO STA. 18+45.60 (LT)



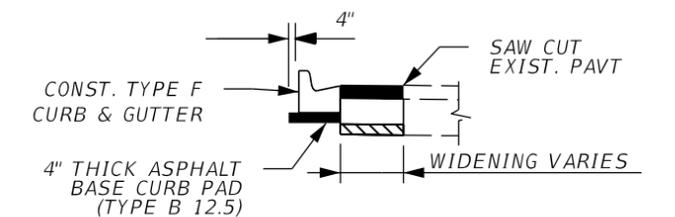
* MATCH EXIST. CROSS SLOPE. APPROX. VALUE RANGE SHOWN PROP. TYPE F CURB & GUTTER
 12" STABILIZATION LBR 40

* MATCH EXIST. CROSS SLOPE. APPROX. VALUE RANGE SHOWN

- MILLING**
MILL EXISTING ASPHALT PAVEMENT 1.5" AVERAGE DEPTH (1.25" BELOW LIP OF GUTTER ON LOW SIDE)
- RESURFACING**
FRICTION COURSE TRAFFIC B, FC-12.5 (1.5") (PG 76-22)
- WIDENING**
BASE GROUP 15, TYPE B-12.5 (9")
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2")
AND FRICTION COURSE TRAFFIC B, FC-12.5 (1.5") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR	AADT = N/A
ESTIMATED OPENING YEAR	= N/A AADT = N/A
ESTIMATED DESIGN YEAR	= N/A AADT = N/A
K = N/A	D = N/A T = N/A (24 HOUR)
DESIGN HOUR T	= N/A
DESIGN SPEED	= 15 MPH



OAKLAND PARK BLVD. ACCESS RD. EAST

REVISIONS				MOHAMED A. ABRAHIEM, P.E. P.E. LICENSE NUMBER 55238 AECOM TECHNICAL SERVICES, INC. 7800 CONGRESS AVENUE, SUITE 200 BOCA RATON, FL 33487 CERTIFICATE OF AUTHORIZATION NO. 8115	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		10
					SR 816	BROWARD	429569-5-52-01		

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

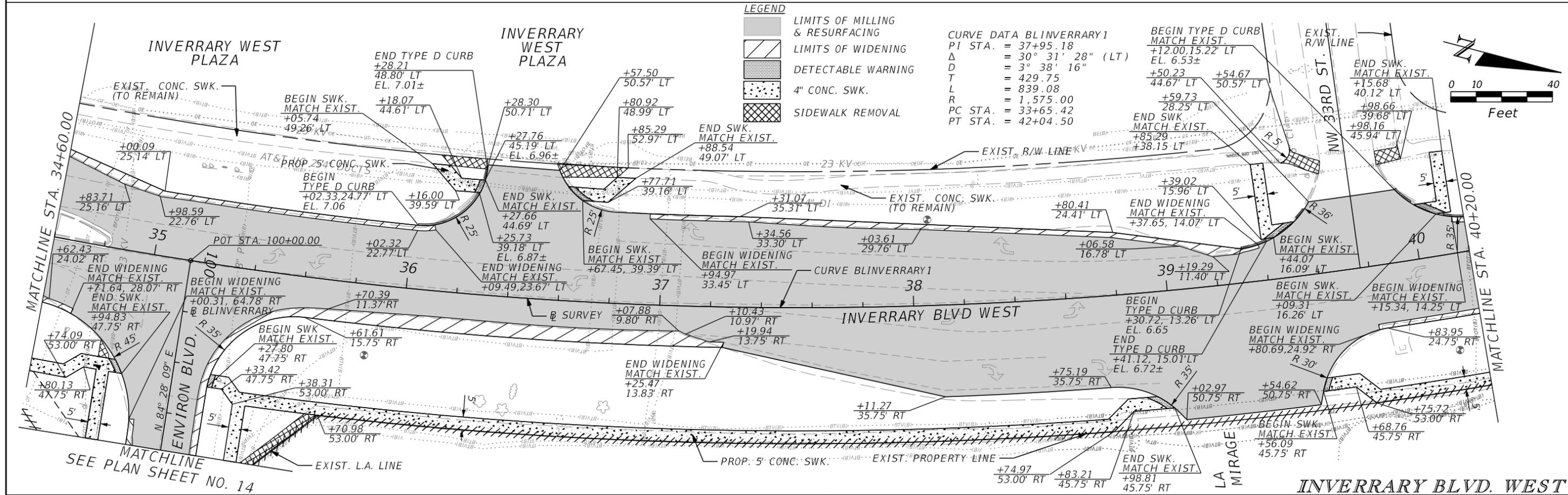
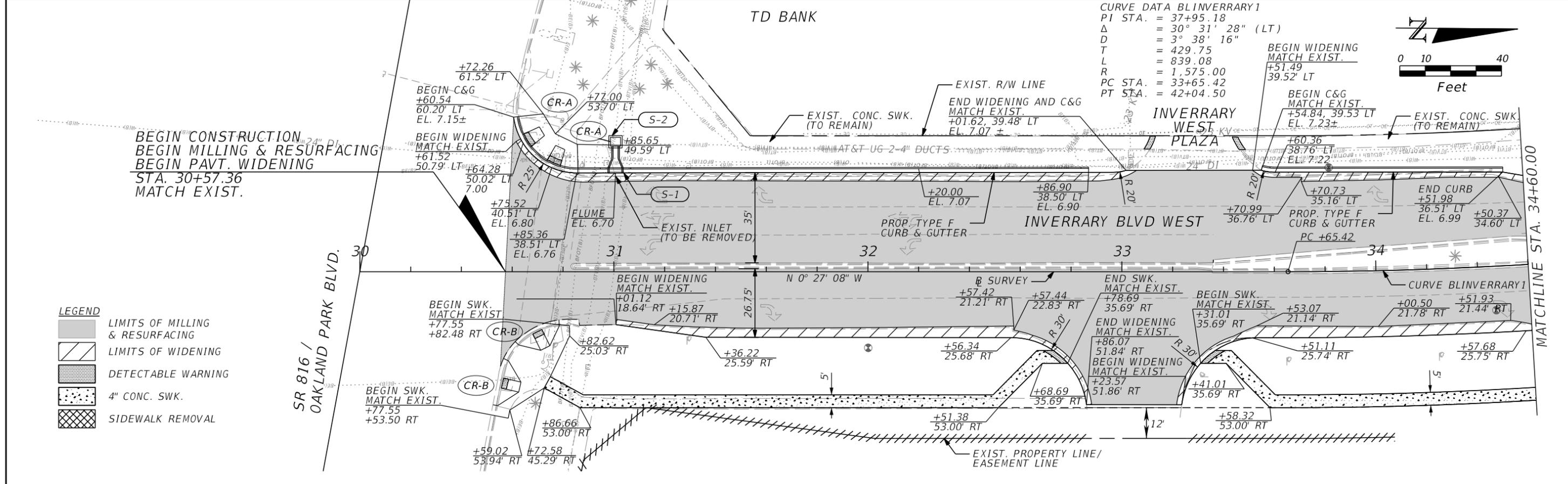
GENERAL NOTES:

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

3. UTILITY/AGENCY OWNERS:	COMPANY	CONTACT	TELEPHONE NUMBERS
	AMERICAN TRAFFIC SOLUTIONS	SANTIAGO MARTINEZ	480-596-5495
	COMCAST CABLE	LEONARD MAXWELL-NEWBOLD	954-447-8405
	CITY OF FORT LAUDERDALE	AXEL RIVERA	954-828-5124
	FLORIDA POWER & LIGHT - BROWARD	EDGAR AGUILAR	305-378-2634
	CROWN CASTLE FIBER / FIBERNET DIRECT	DANNY HASKETT	786-610-7073
	FLORIDA POWER & LIGHT - SUBAQUEOUS	SHAVONTI ARCHER	561-904-3707
	HOTWIRE COMMUNICATIONS	WALTER SANCHO-DAVILA	954-699-0900
	TECO PEOPLES GAS	MAX CHAMORRO	954-453-0812
	AT&T DISTRIBUTION	OTIS KEEVE	561-997-0240
	BROWARD COUNTY TRAFFIC ENGINEERING	ROBERT BLOUNT	954-847-2745
	CITY OF OAKLAND	HARVEY RAMBARATH	954-630-4478
	FIBERLIGHT LLC.	TROY GAETA	954-422-5618
	FDOT/ELAND ENGINEERING	APRIL RIZZO	954-847-1995
	WINDSTREAM COMMUNICATIONS	DOUGLAS PICKLE	407-835-0341
	LEVEL 3 COMMUNICATIONS	JACK BRADY	786-495-2170
	XO COMMUNICATIONS	ANTHONY KOWALESKI	305-356-3160
	CITY OF LAUDERHILL	DANYL NOEL	954-730-3055

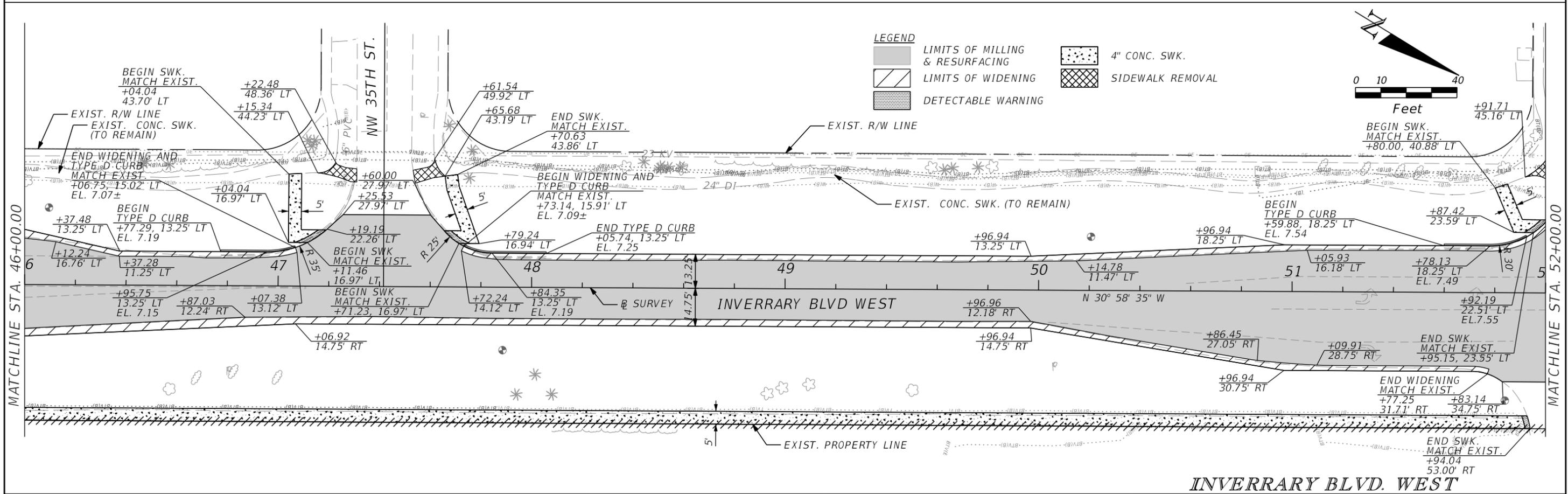
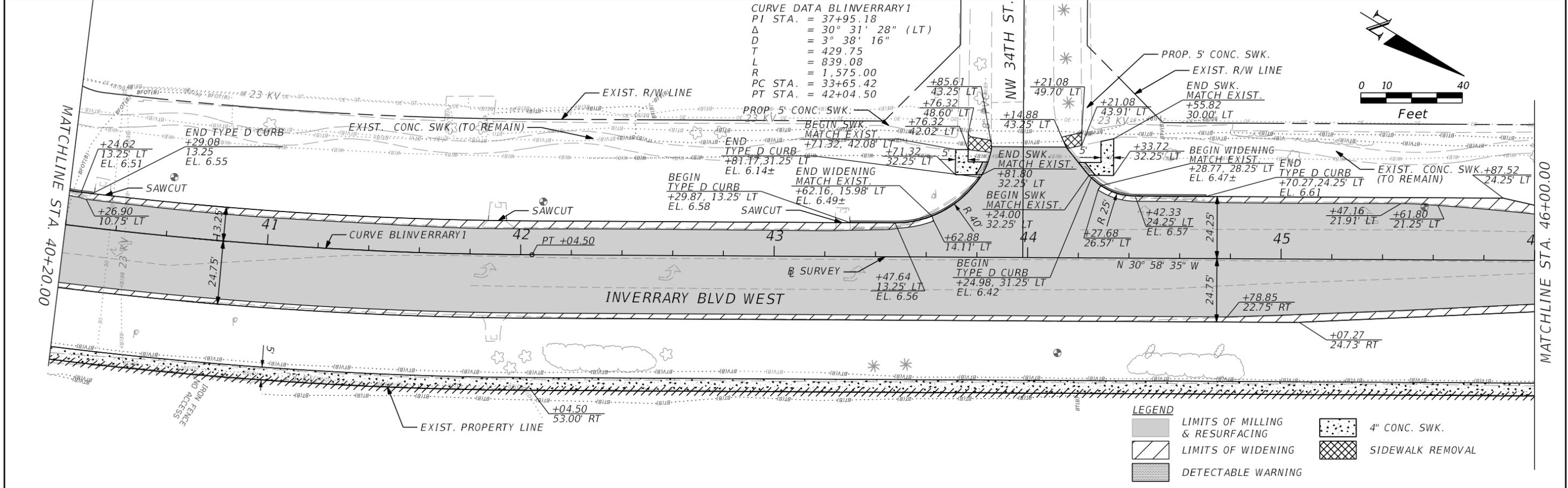
4. SPECIAL EVENT DAYS FOR THIS PROJECT INCLUDE:
 JAZZ PICNIC IN THE PARK
 SLOW ROLL - COMMUNITY BIKE RIDE WITH LAUDERHILL POLICE
 TRIBUTE CONCERT
 WALKING AUDIT IN CITY OF LAUDERHILL
 FRIDAY NIGHT SOUND WAVES

REVISIONS				MOHAMED A. ABRAHIEM, P.E. P.E. LICENSE NUMBER 55238 AECOM TECHNICAL SERVICES, INC. 7800 CONGRESS AVENUE, SUITE 200 BOCA RATON, FL 33487 CERTIFICATE OF AUTHORIZATION NO. 8115	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		11
					SR 816	BROWARD	429569-5-52-01		



REVISIONS				MOHAMED A. ABRAHIEM, P.E. P.E. LICENSE NUMBER 55238 AECOM TECHNICAL SERVICES, INC. 7800 CONGRESS AVENUE, SUITE 200 BOCA RATON, FL 33487 CERTIFICATE OF AUTHORIZATION NO. 8115	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 12
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					BROWARD	429569-5-52-01	ROADWAY PLAN	

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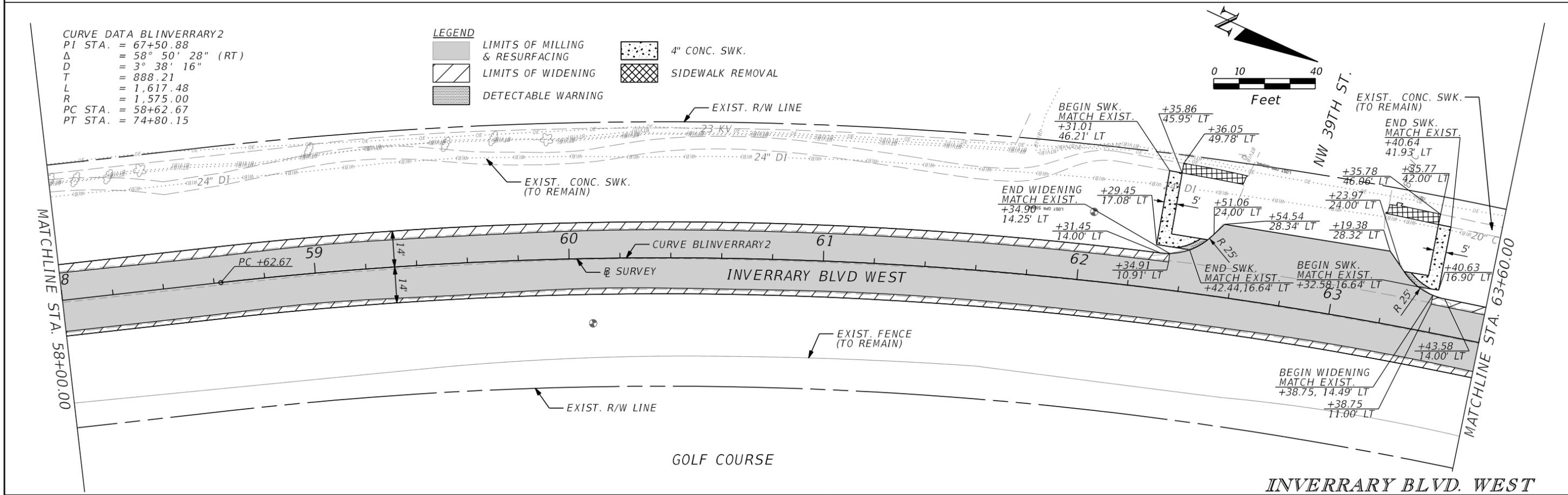
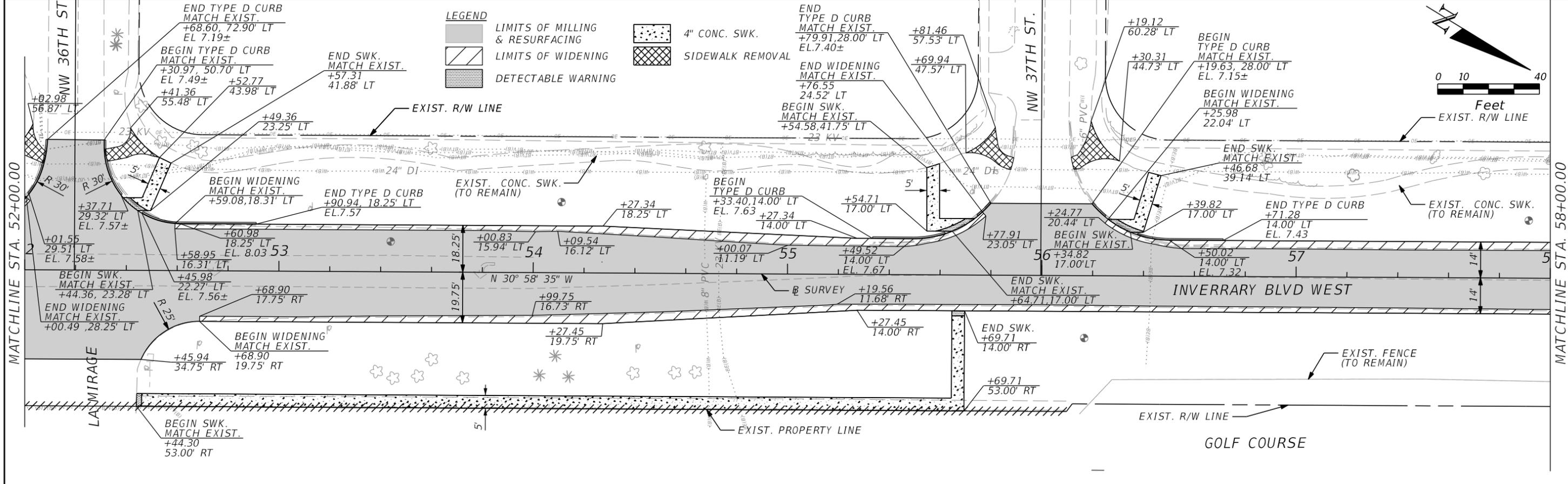


REVISIONS				MOHAMED A. ABRAHIEM, P.E. P.E. LICENSE NUMBER 55238 AECOM TECHNICAL SERVICES, INC. 7800 CONGRESS AVENUE, SUITE 200 BOCA RATON, FL 33487 CERTIFICATE OF AUTHORIZATION NO. 8115	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 13
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					BROWARD	429569-5-52-01	ROADWAY PLAN	

INVERRARY BLVD. WEST

AECOM 10/23/2018 5:01:41 PM ...roadway\PLANRD01.dgn

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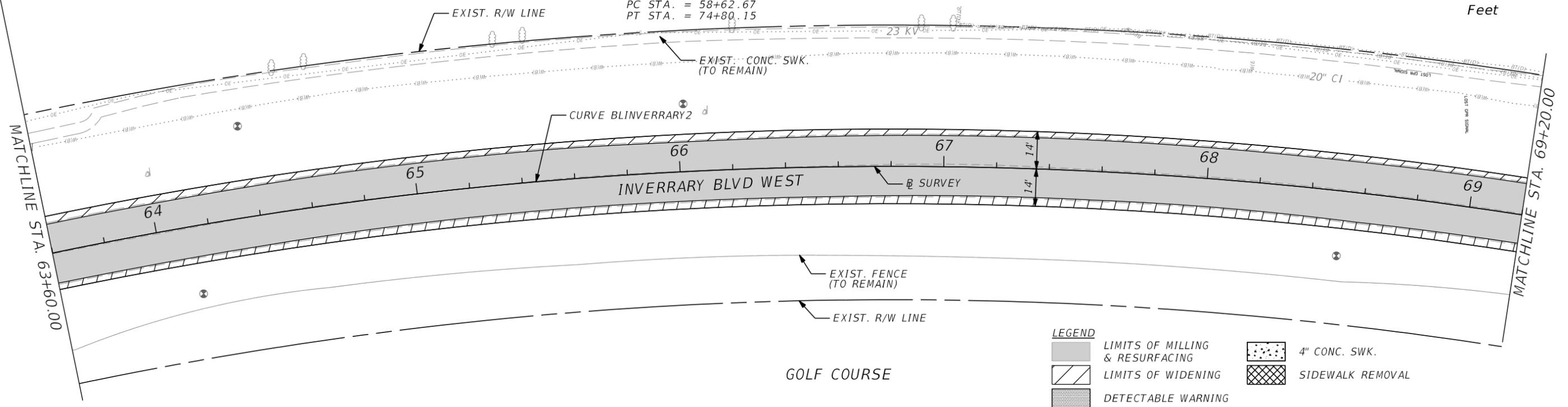
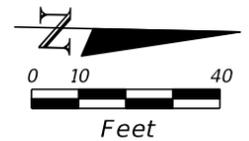


REVISIONS				MOHAMED A. ABRAHIEM, P.E. P.E. LICENSE NUMBER 55238 AECOM TECHNICAL SERVICES, INC. 7800 CONGRESS AVENUE, SUITE 200 BOCA RATON, FL 33487 CERTIFICATE OF AUTHORIZATION NO. 8115	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. 14
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					BROWARD	429569-5-52-01			

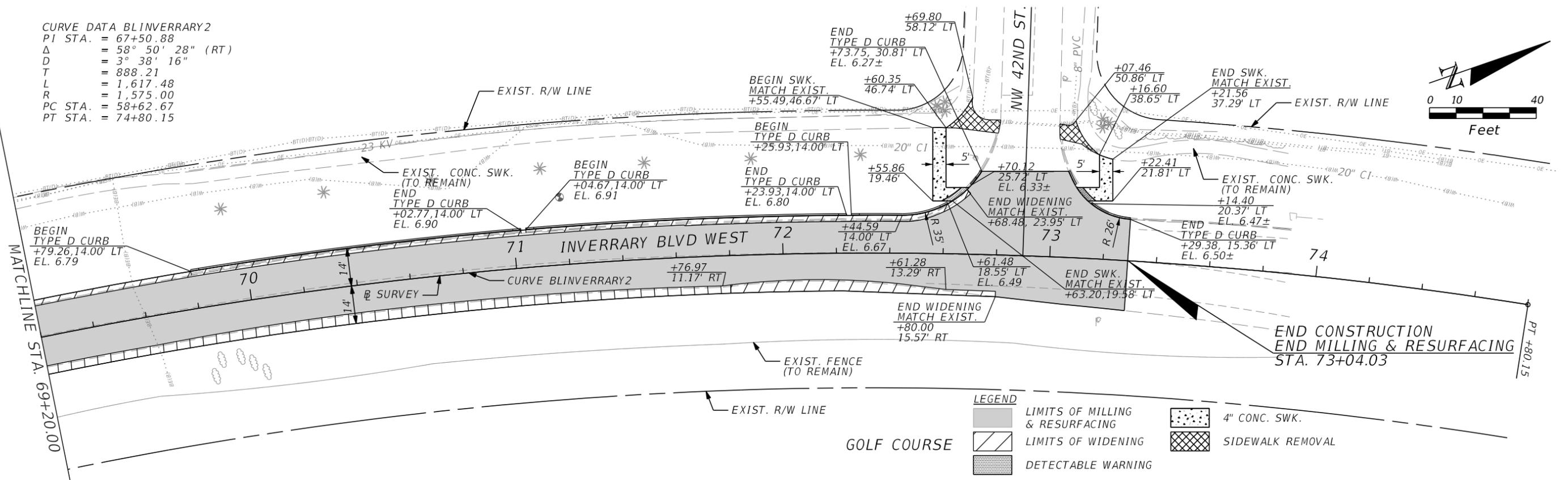
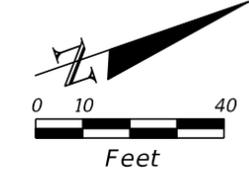
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23-.004, F.A.C.

CURVE DATA BLINVERRARY2
 PI STA. = 67+50.88
 Δ = 58° 50' 28" (RT)
 D = 3° 38' 16"
 T = 888.21
 L = 1,617.48
 R = 1,575.00
 PC STA. = 58+62.67
 PT STA. = 74+80.15



CURVE DATA BLINVERRARY2
 PI STA. = 67+50.88
 Δ = 58° 50' 28" (RT)
 D = 3° 38' 16"
 T = 888.21
 L = 1,617.48
 R = 1,575.00
 PC STA. = 58+62.67
 PT STA. = 74+80.15



INVERRARY BLVD. WEST

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

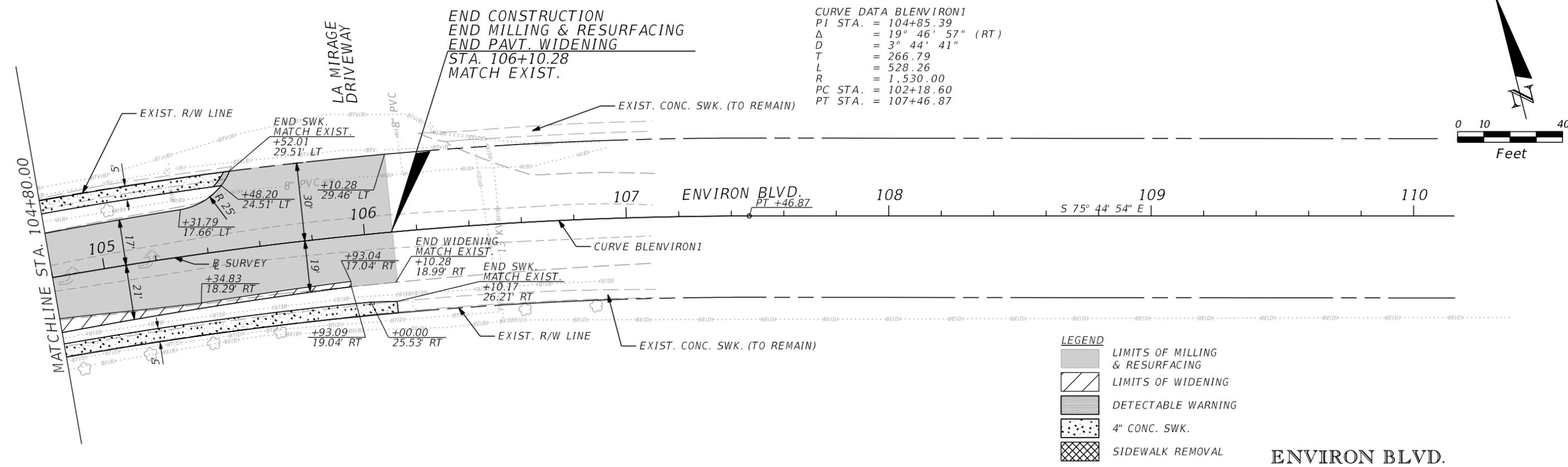
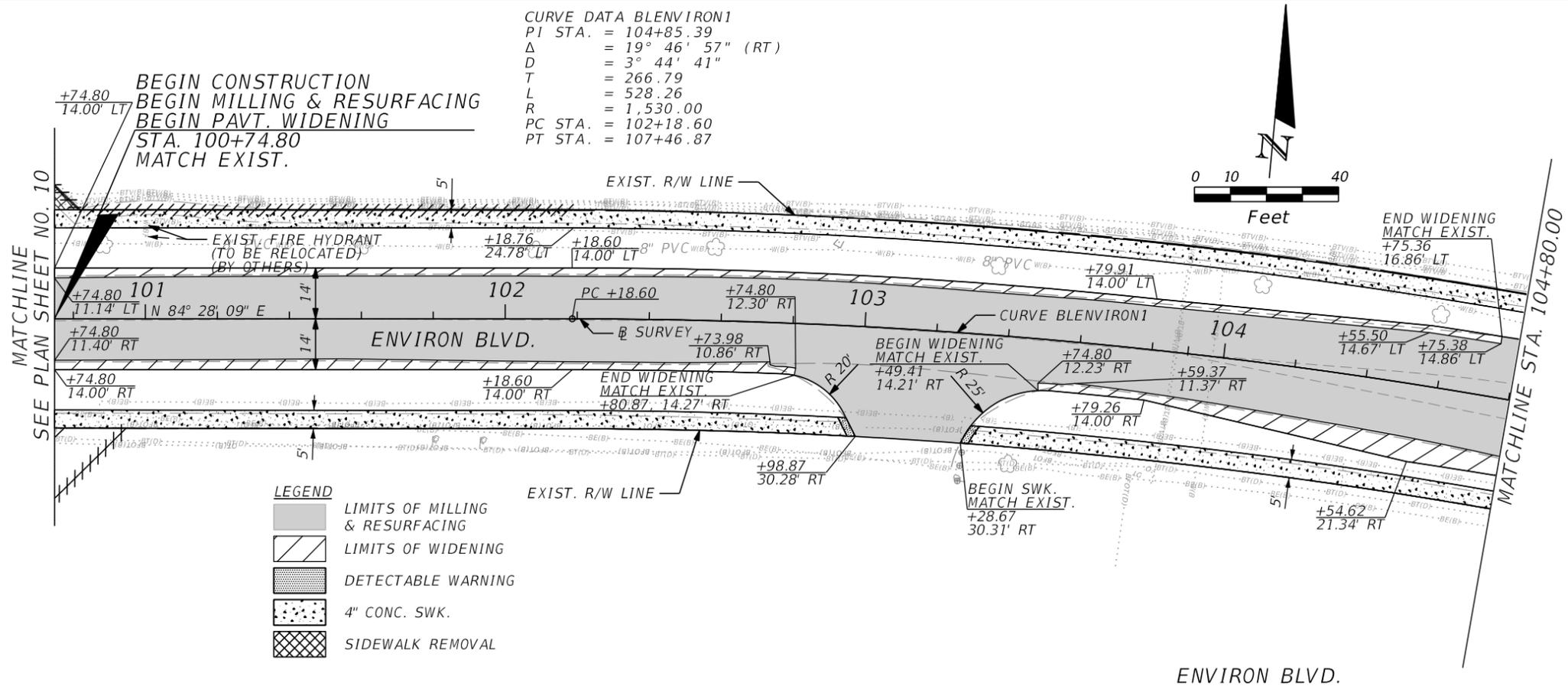
MOHAMED A. ABRAHIEM, P.E.
 P.E. LICENSE NUMBER 55238
 AECOM TECHNICAL SERVICES, INC.
 7800 CONGRESS AVENUE, SUITE 200
 BOCA RATON, FL 33487
 CERTIFICATE OF AUTHORIZATION NO. 8115

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	BROWARD	429569-5-52-01

ROADWAY PLAN

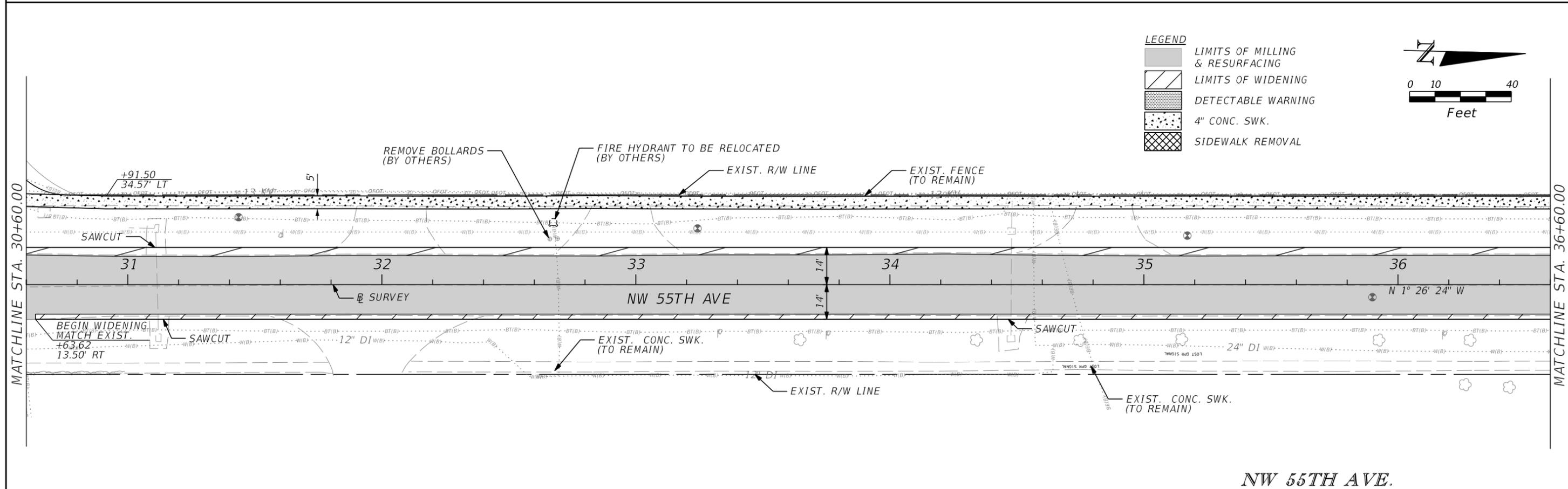
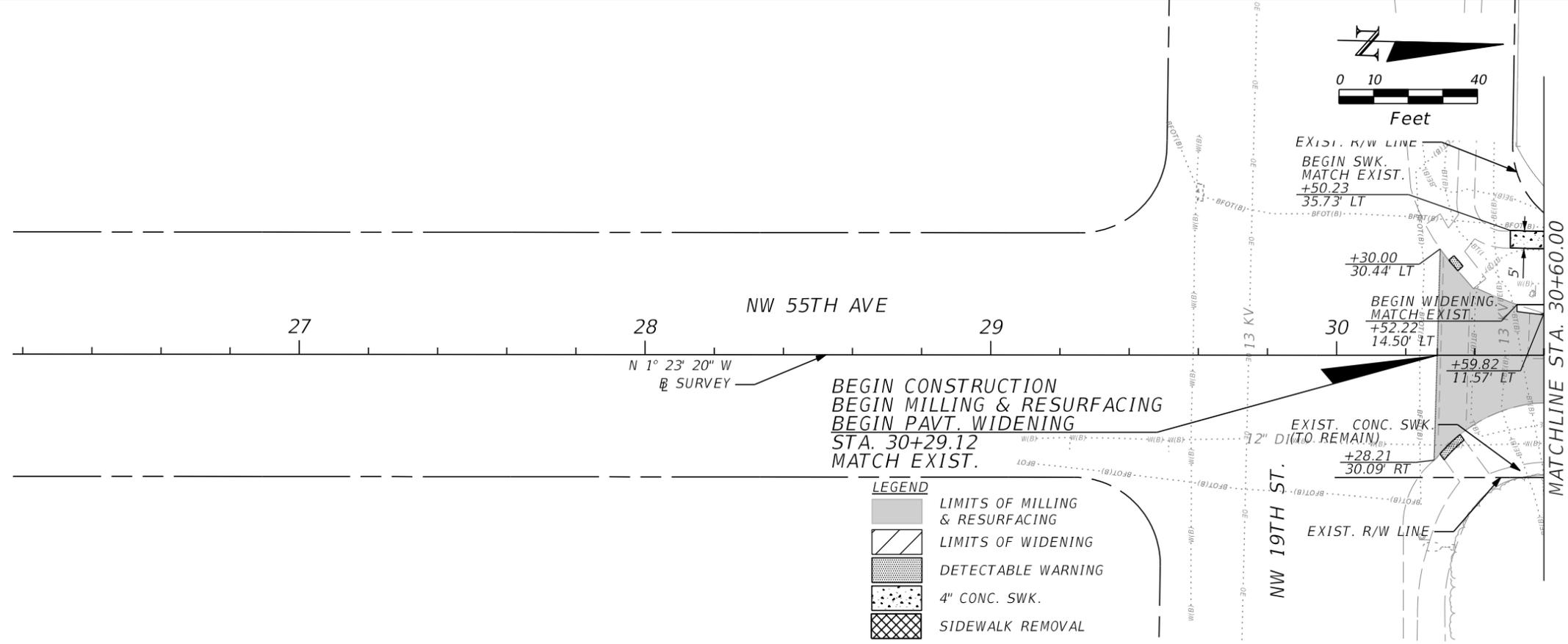
SHEET NO.
15

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REVISIONS				MOHAMED A. ABRAHIEM, P.E. P.E. LICENSE NUMBER 55238 AECOM TECHNICAL SERVICES, INC. 7800 CONGRESS AVENUE, SUITE 200 BOCA RATON, FL 33487 CERTIFICATE OF AUTHORIZATION NO. 8115	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. 16
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					BROWARD	429569-5-52-01			

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



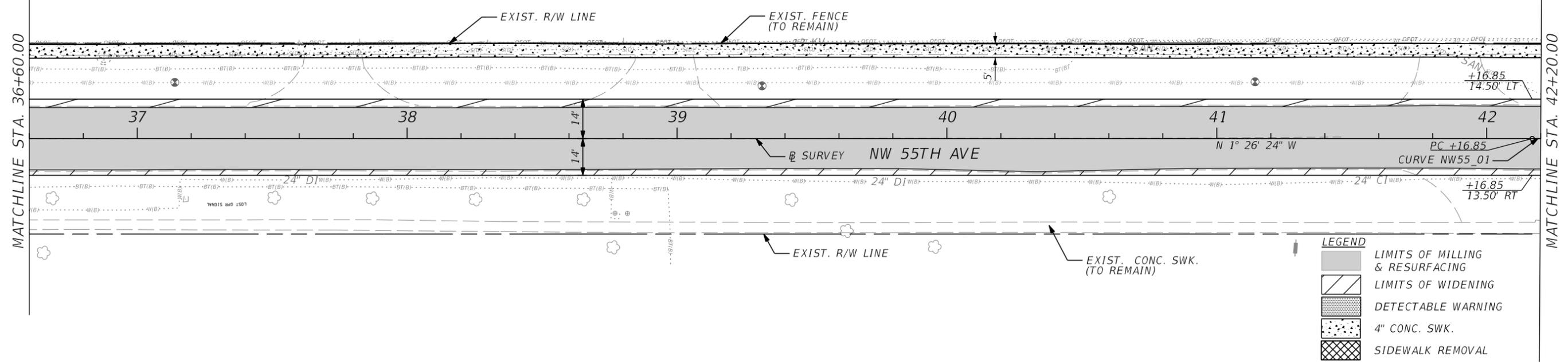
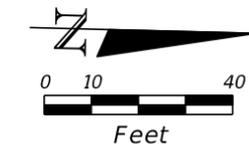
NW 55TH AVE.

REVISIONS				MOHAMED A. ABRAHIEM, P.E. P.E. LICENSE NUMBER 55238 AECOM TECHNICAL SERVICES, INC. 7800 CONGRESS AVENUE, SUITE 200 BOCA RATON, FL 33487 CERTIFICATE OF AUTHORIZATION NO. 8115	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 17
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					BROWARD	429569-5-52-01		

ROADWAY PLAN

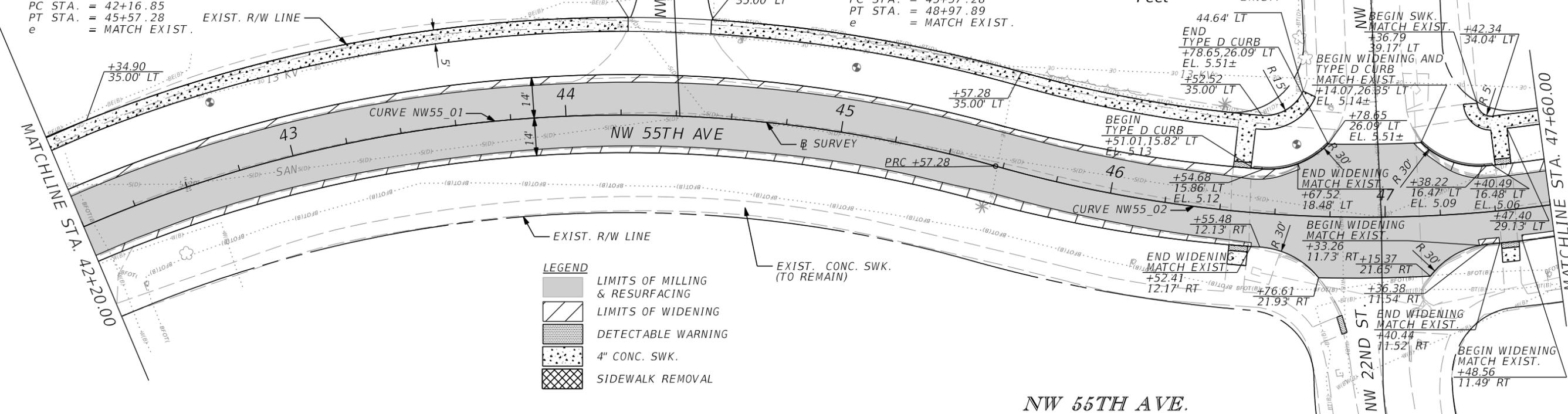
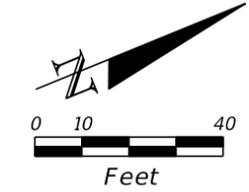
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23-004, F.A.C.

CURVE DATA NW55_01
 PI STA. = 43+93.96
 Δ = 39° 00' 40" (RT)
 D = 11° 27' 33"
 T = 177.11
 L = 340.44
 R = 500.00
 PC STA. = 42+16.85
 PT STA. = 45+57.28
 e = MATCH EXIST.



CURVE DATA NW55_01
 PI STA. = 43+93.96
 Δ = 39° 00' 40" (RT)
 D = 11° 27' 33"
 T = 177.11
 L = 340.44
 R = 500.00
 PC STA. = 42+16.85
 PT STA. = 45+57.28
 e = MATCH EXIST.

CURVE DATA NW55_02
 PI STA. = 47+34.49
 Δ = 39° 01' 50" (LT)
 D = 11° 27' 33"
 T = 177.21
 L = 340.61
 R = 500.00
 PC STA. = 45+57.28
 PT STA. = 48+97.89
 e = MATCH EXIST.



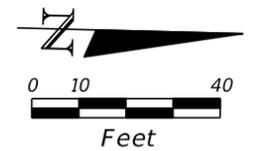
REVISIONS				MOHAMED A. ABRAHIEM, P.E. P.E. LICENSE NUMBER 55238 AECOM TECHNICAL SERVICES, INC. 7800 CONGRESS AVENUE, SUITE 200 BOCA RATON, FL 33487 CERTIFICATE OF AUTHORIZATION NO. 8115	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 18
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					BROWARD	429569-5-52-01	ROADWAY PLAN	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23-004, F.A.C.

CURVE DATA NW55_02
 PI STA. = 47+34.49
 Δ = 39° 01' 50" (LT)
 D = 11° 27' 33"
 T = 177.21
 L = 340.61
 R = 500.00
 PC STA. = 45+57.28
 PT STA. = 48+97.89
 e = MATCH EXIST.

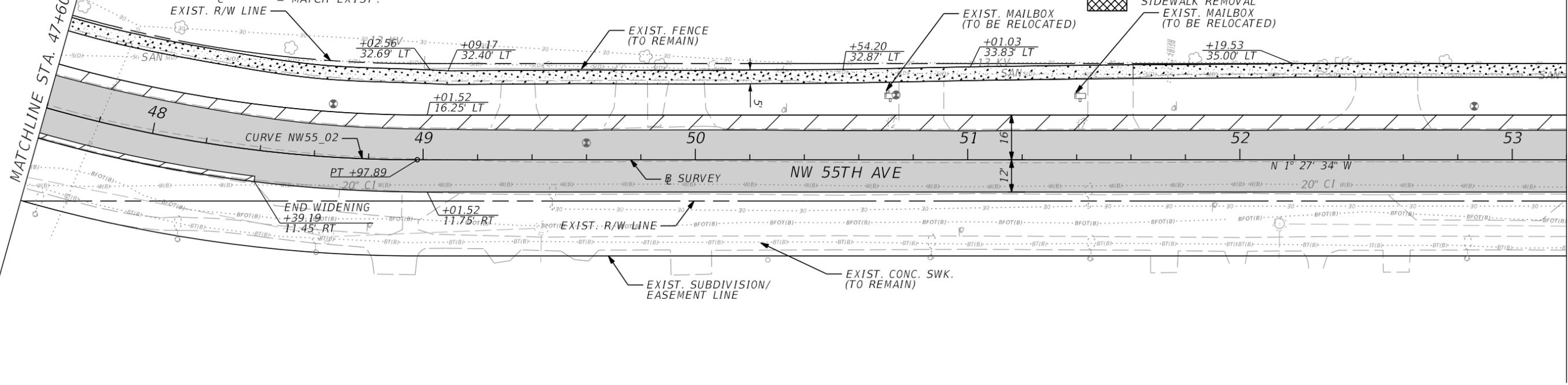
LEGEND

- LIMITS OF MILLING & RESURFACING
- LIMITS OF WIDENING
- DETECTABLE WARNING
- 4" CONC. SWK.
- SIDEWALK REMOVAL
- EXIST. MAILBOX (TO BE RELOCATED)



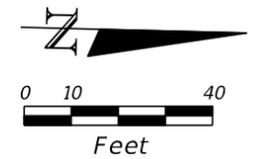
MATCHLINE STA. 47+60.00

MATCHLINE STA. 53+20.00



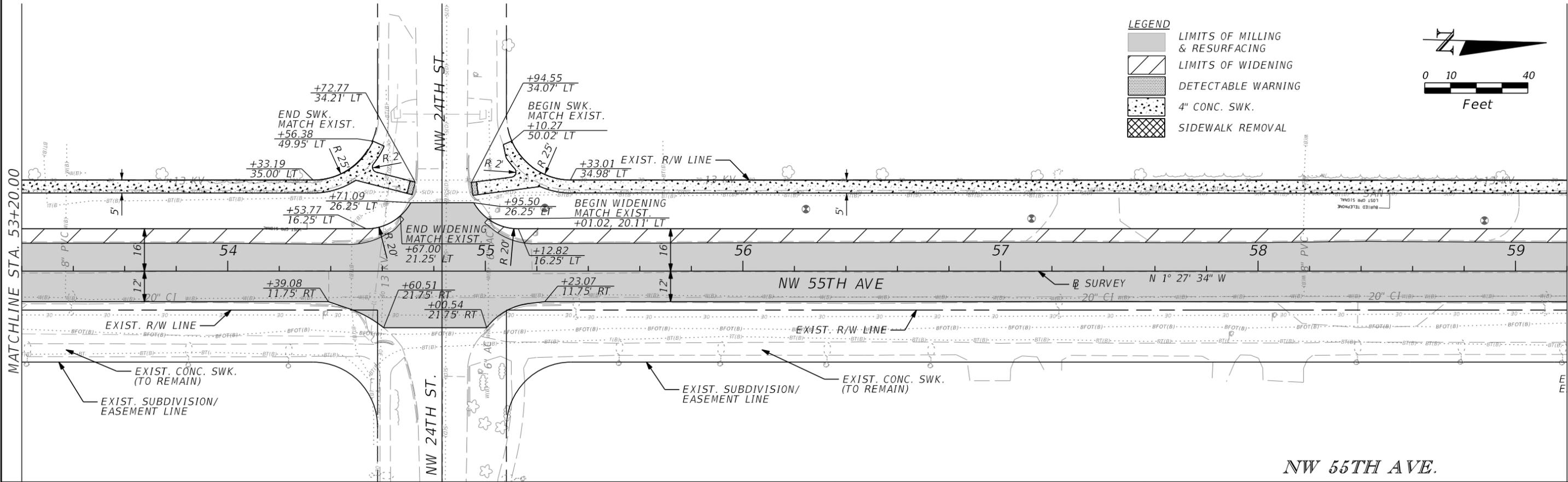
LEGEND

- LIMITS OF MILLING & RESURFACING
- LIMITS OF WIDENING
- DETECTABLE WARNING
- 4" CONC. SWK.
- SIDEWALK REMOVAL



MATCHLINE STA. 53+20.00

MATCHLINE STA. 59+20.00



NW 55TH AVE.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOHAMED A. ABRAHIEM, P.E.
 P.E. LICENSE NUMBER 55238
 AECOM TECHNICAL SERVICES, INC.
 7800 CONGRESS AVENUE, SUITE 200
 BOCA RATON, FL 33487
 CERTIFICATE OF AUTHORIZATION NO. 8115

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	BROWARD	429569-5-52-01

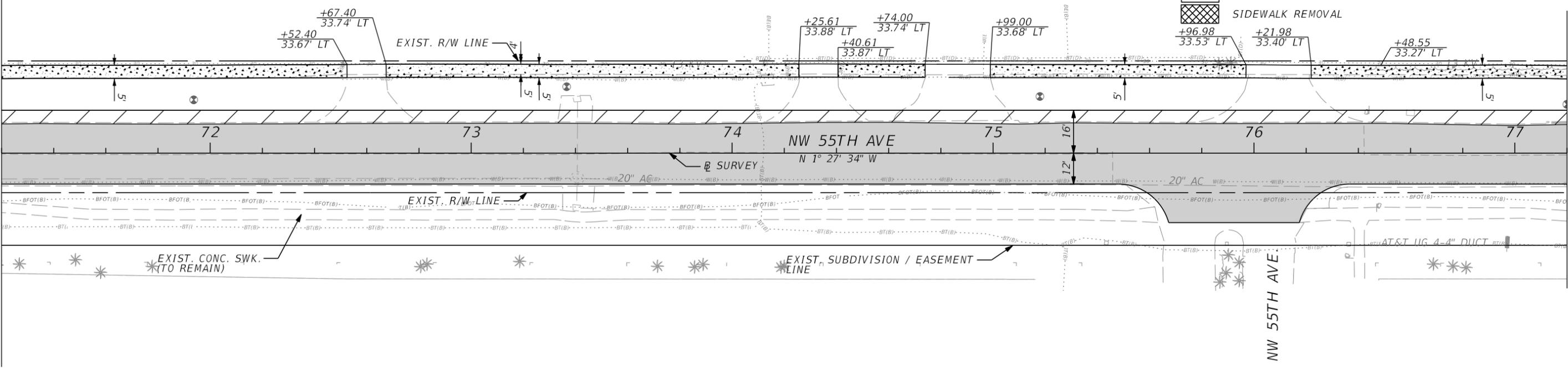
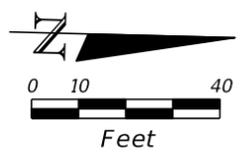
ROADWAY PLAN

SHEET NO.
19

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

MATCHLINE STA. 71+20.00

- LEGEND**
- LIMITS OF MILLING & RESURFACING
 - LIMITS OF WIDENING
 - DETECTABLE WARNING
 - 4" CONC. SWK.
 - 6" CONC. SWK.
 - SIDEWALK REMOVAL

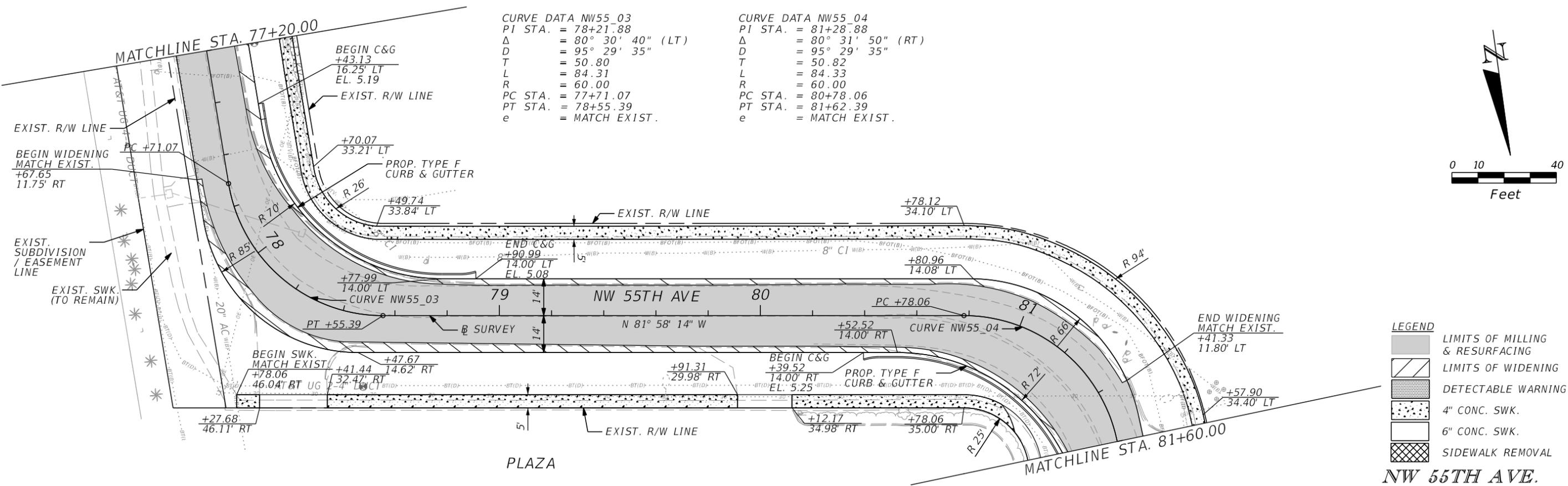
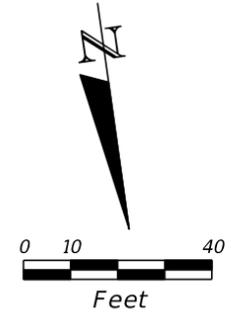


MATCHLINE STA. 77+20.00

MATCHLINE STA. 77+20.00

CURVE DATA NW55_03
 PI STA. = 78+21.88
 Δ = 80° 30' 40" (LT)
 D = 95° 29' 35"
 T = 50.80
 L = 84.31
 R = 60.00
 PC STA. = 77+71.07
 PT STA. = 78+55.39
 e = MATCH EXIST.

CURVE DATA NW55_04
 PI STA. = 81+28.88
 Δ = 80° 31' 50" (RT)
 D = 95° 29' 35"
 T = 50.82
 L = 84.33
 R = 60.00
 PC STA. = 80+78.06
 PT STA. = 81+62.39
 e = MATCH EXIST.



- LEGEND**
- LIMITS OF MILLING & RESURFACING
 - LIMITS OF WIDENING
 - DETECTABLE WARNING
 - 4" CONC. SWK.
 - 6" CONC. SWK.
 - SIDEWALK REMOVAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MOHAMED A. ABRAHIEM, P.E.
 P.E. LICENSE NUMBER 55238
 AECOM TECHNICAL SERVICES, INC.
 7800 CONGRESS AVENUE, SUITE 200
 BOCA RATON, FL 33487
 CERTIFICATE OF AUTHORIZATION NO. 8115

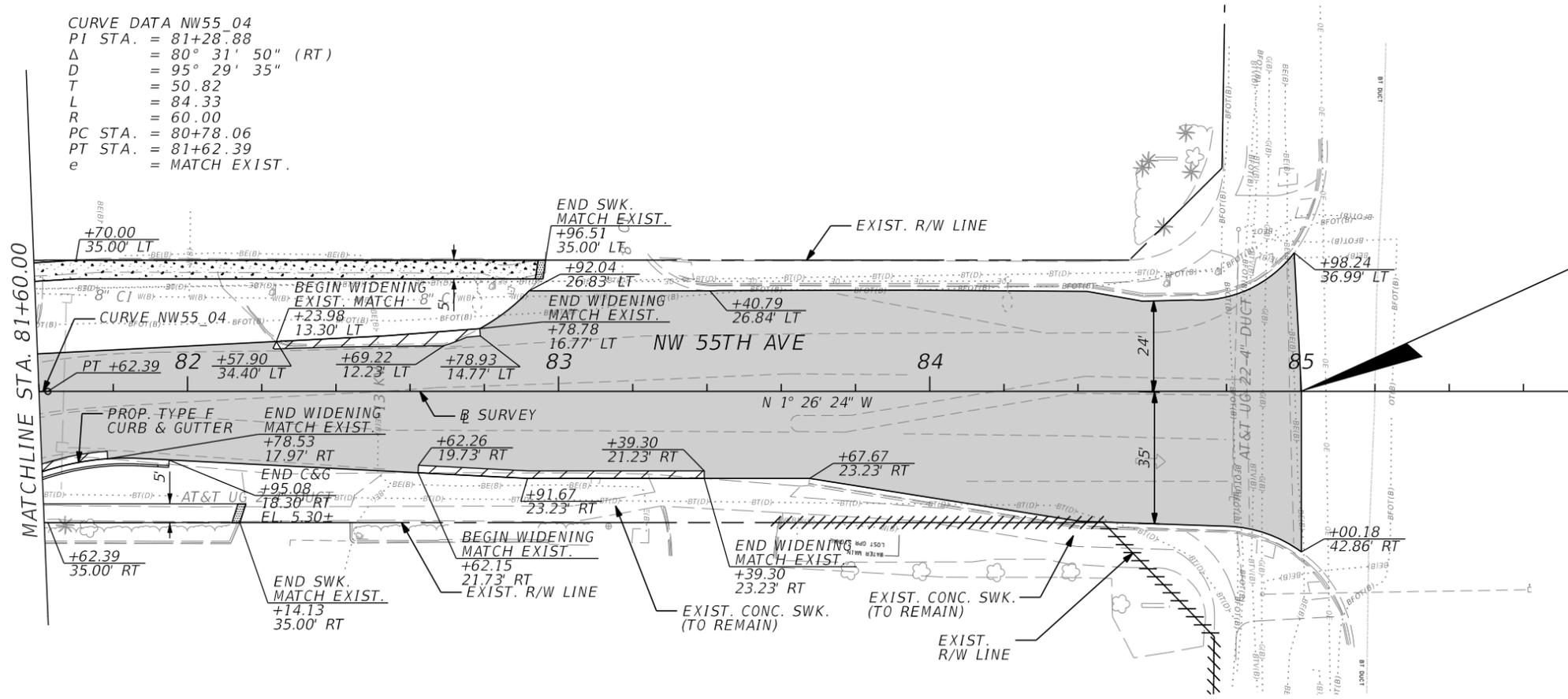
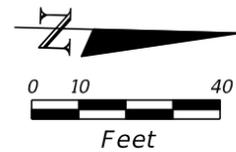
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	BROWARD	429569-5-52-01

ROADWAY PLAN

SHEET NO.
21

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CURVE DATA NW55_04
 PI STA. = 81+28.88
 Δ = 80° 31' 50" (RT)
 D = 95° 29' 35"
 T = 50.82
 L = 84.33
 R = 60.00
 PC STA. = 80+78.06
 PT STA. = 81+62.39
 e = MATCH EXIST.



END CONSTRUCTION
 END MILLING & RESURFACING
 END PAVT. WIDENING
 STA. 85+00.18
 MATCH EXIST.

SR 816 / OAKLAND PARK BLVD.

- LEGEND**
- LIMITS OF MILLING & RESURFACING
 - LIMITS OF WIDENING
 - DETECTABLE WARNING
 - 4" CONC. SWK.
 - 6" CONC. SWK.
 - SIDEWALK REMOVAL

NW 55TH AVE.

REVISIONS				MOHAMED A. ABRAHIEM, P.E. P.E. LICENSE NUMBER 55238 AECOM TECHNICAL SERVICES, INC. 7800 CONGRESS AVENUE, SUITE 200 BOCA RATON, FL 33487 CERTIFICATE OF AUTHORIZATION NO. 8115	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 22
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						BROWARD	429569-5-52-01	

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