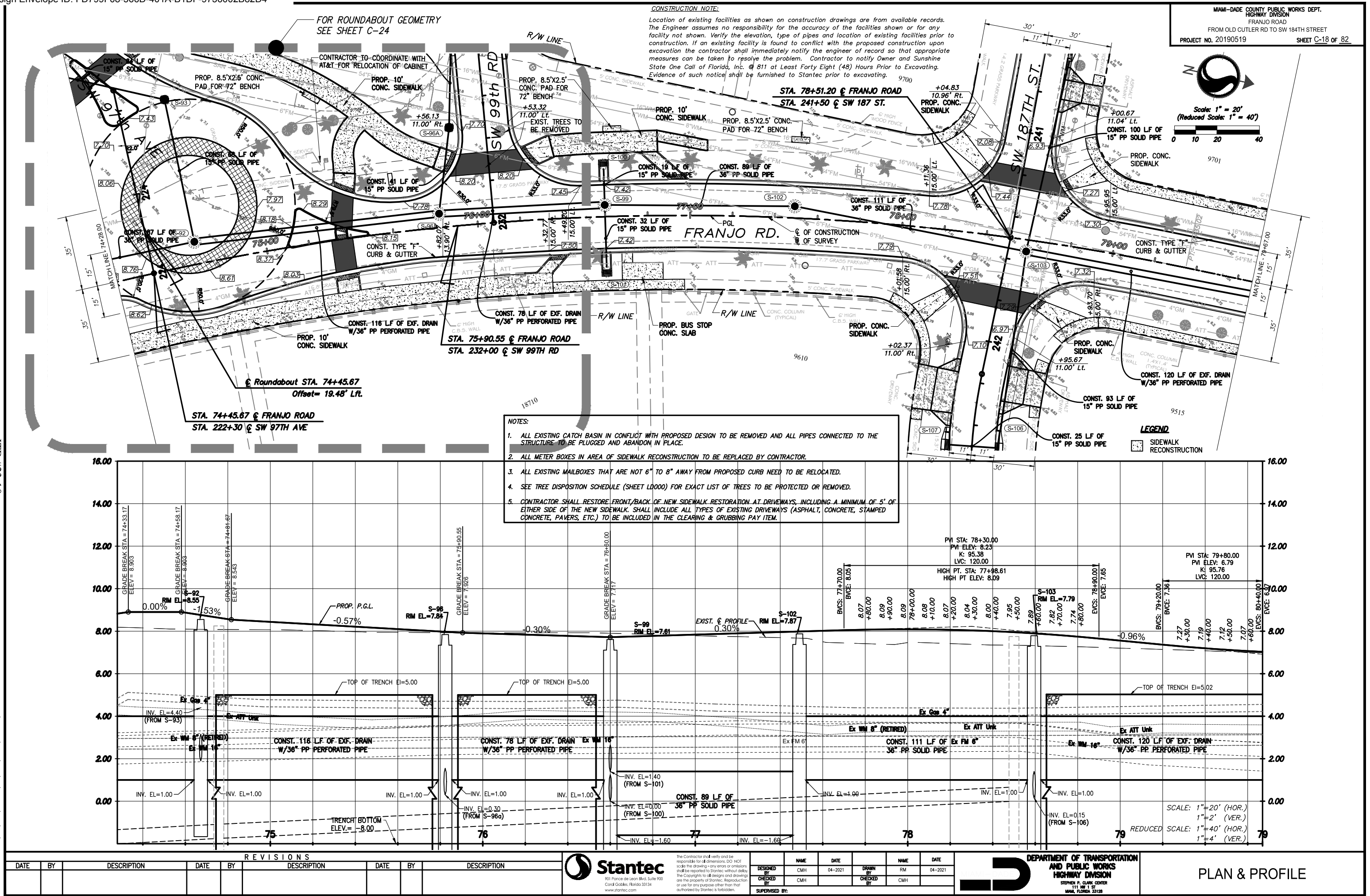




CONSTRUCTION NOTE:

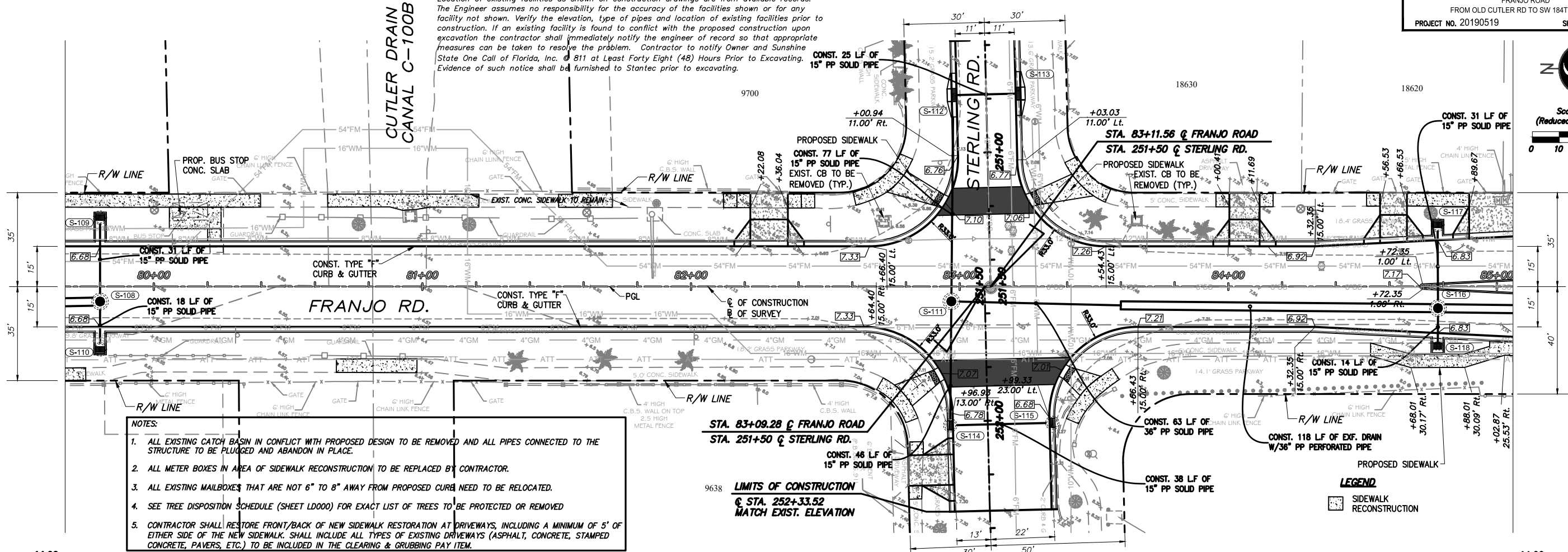
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MIAMI-DADE COUNTY PUBLIC WORKS DEPT.
HIGHWAY DIVISION
FRANJO ROAD
FROM OLD CUTLER RD TO SW 184TH STREET
PROJECT NO. 20190519 SHEET C-19 OF 82



Scale: 1" = 20'
(Reduced Scale: 1" = 40')

0 10 20 40

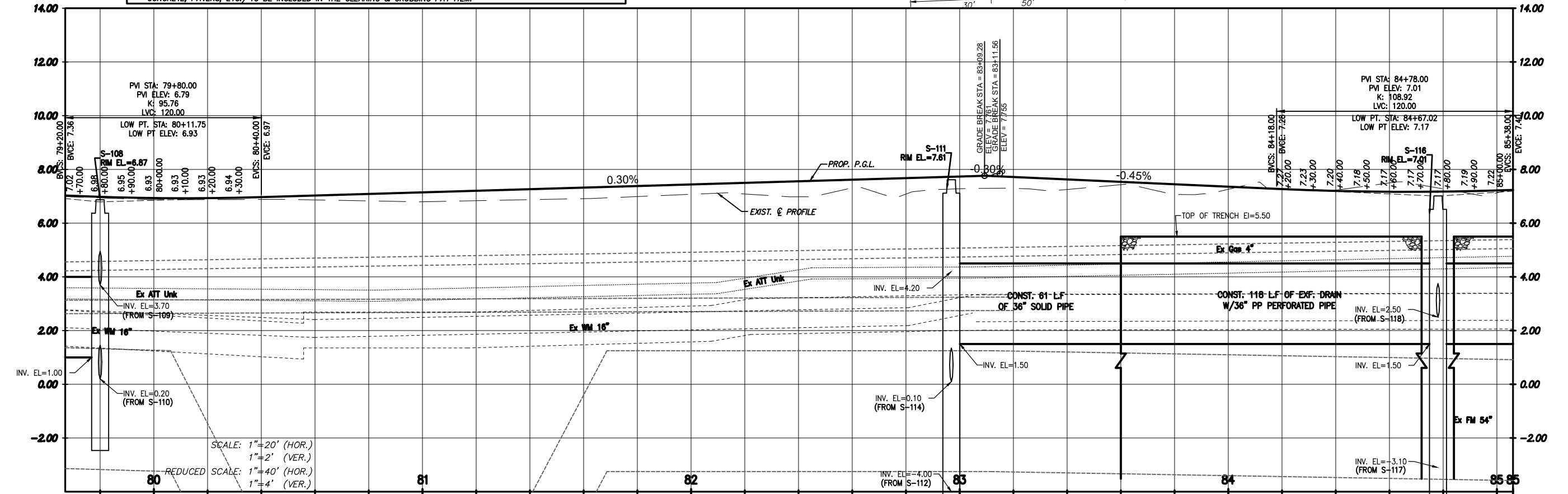


NOTES:

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2. ALL METER BOXES IN AREA OF SIDEWALK RECONSTRUCTION TO BE REPLACED BY CONTRACTOR.
3. ALL EXISTING MAILBOXES THAT ARE NOT 6" TO 8" AWAY FROM PROPOSED CURB NEED TO BE RELOCATED.
4. SEE TREE DISPOSITION SCHEDULE (SHEET LD000) FOR EXACT LIST OF TREES TO BE PROTECTED OR REMOVED.
5. CONTRACTOR SHALL RESTORE FRONT/BACK OF NEW SIDEWALK RESTORATION AT DRIVEWAYS, INCLUDING A MINIMUM OF 5' OF EITHER SIDE OF THE NEW SIDEWALK. SHALL INCLUDE ALL TYPES OF EXISTING DRIVEWAYS (ASPHALT, CONCRETE, STAMPED CONCRETE, PAVERS, ETC.) TO BE INCLUDED IN THE CLEARING & GRUBBING PAY ITEM.

LEGEND

SIDEWALK RECONSTRUCTION



REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



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DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CMH	CMH	04-2021	RM	RM	04-2021
CHECKED BY	NAME	DATE	CHECKED BY	NAME	DATE
CMH	CMH	04-2021	CMH	CMH	04-2021
SUPERVISED BY	NAME	DATE	SUPERVISED BY	NAME	DATE

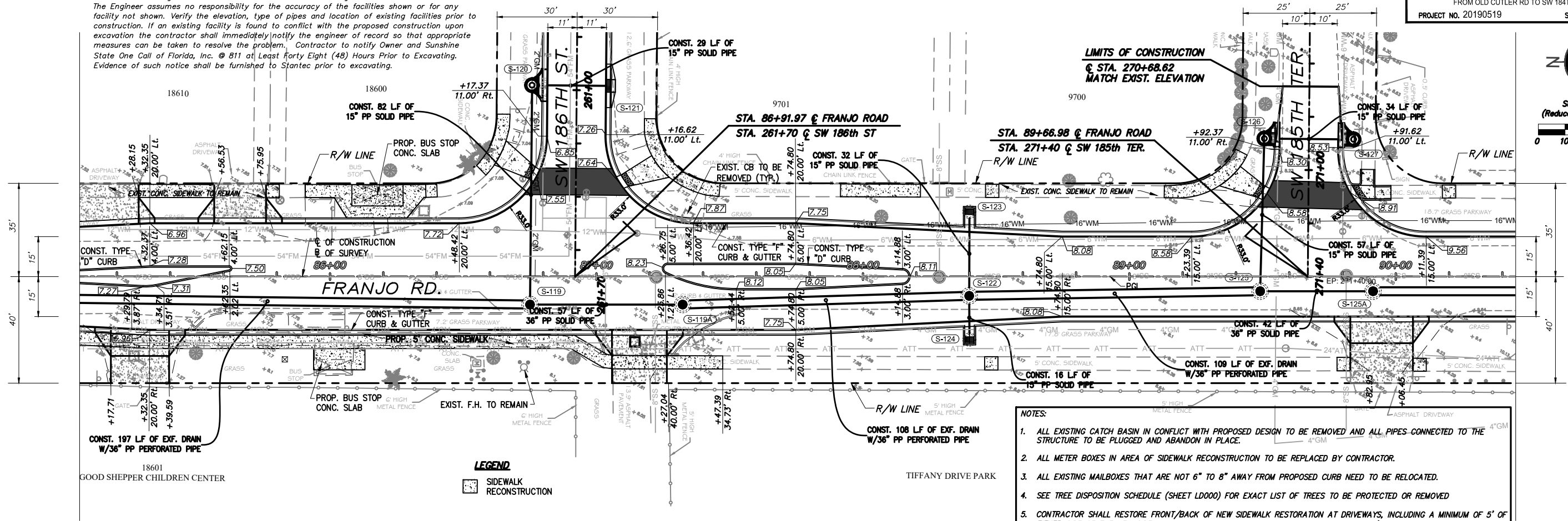
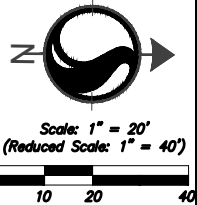


PLAN & PROFILE

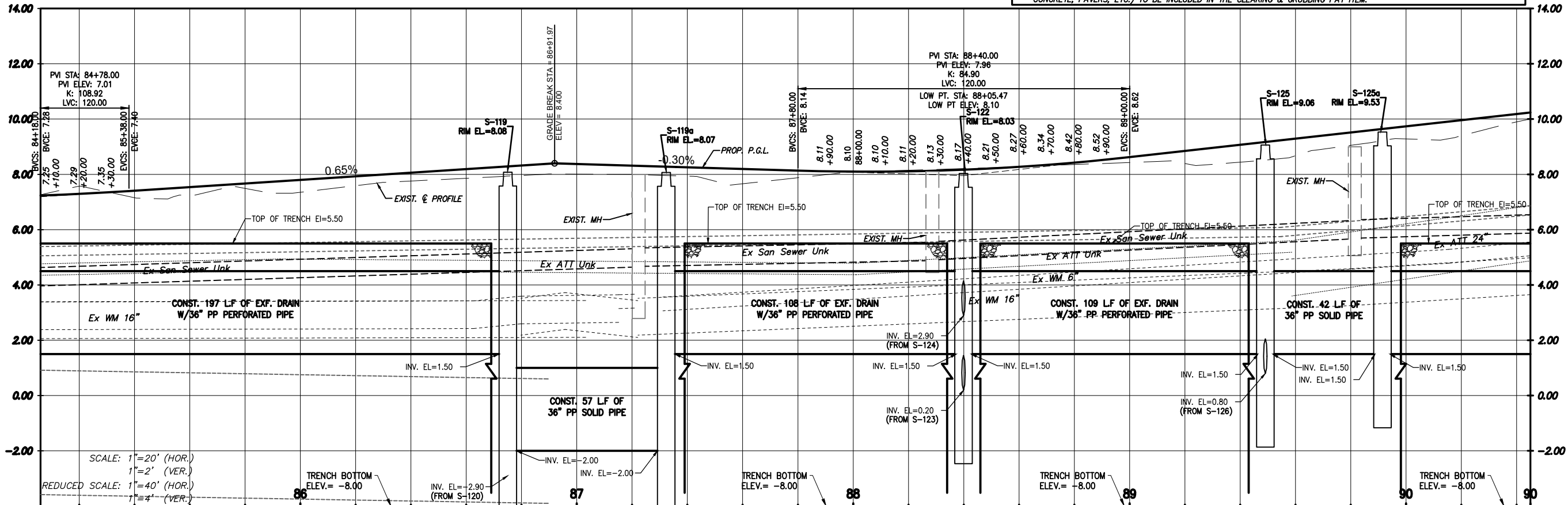
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MIAMI-DADE COUNTY PUBLIC WORKS DEPT.
HIGHWAY DIVISION
FRANJO ROAD
FROM OLD CUTLER RD TO SW 184TH STREET
PROJECT NO. 20190519 SHEET C-20 OF 82



- NOTES:
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SCALE: 1"=20' (HOR.)
1"=2' (VER.)
REDUCED SCALE: 1"=40' (HOR.)
1"=4' (VER.)

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



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CMH	CMH	04-2021	RM	RM	04-2021
CHECKED BY	CMH		CHECKED BY	CMH	
SUPERVISED BY:					



PLAN & PROFILE

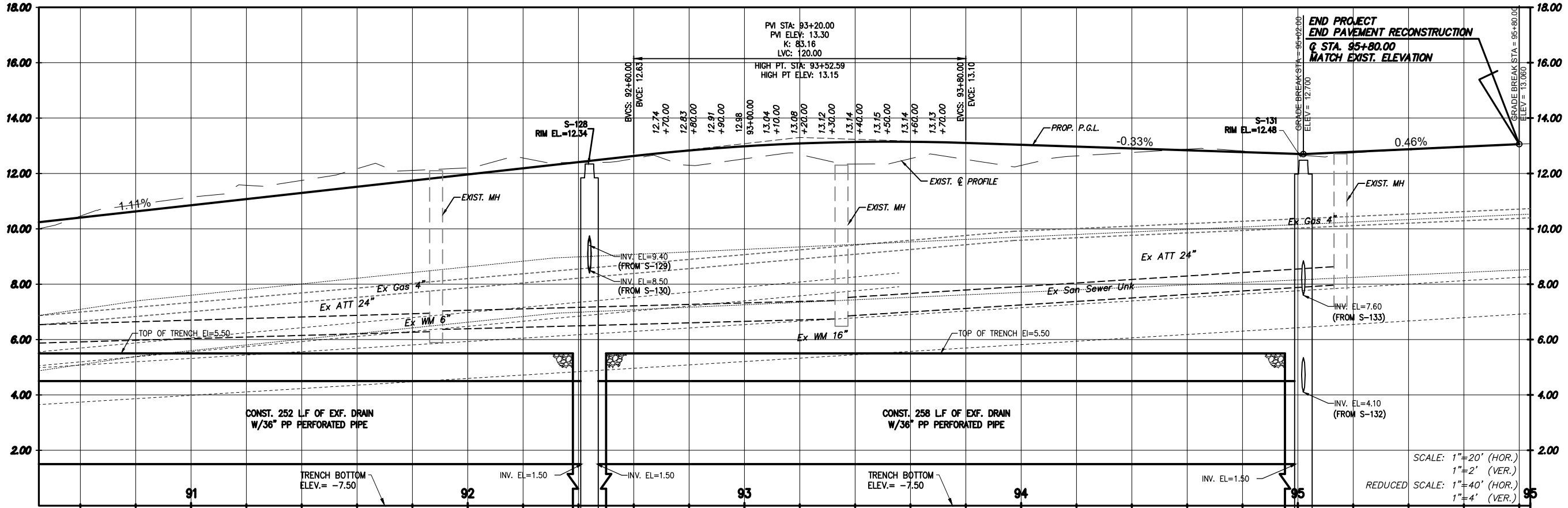
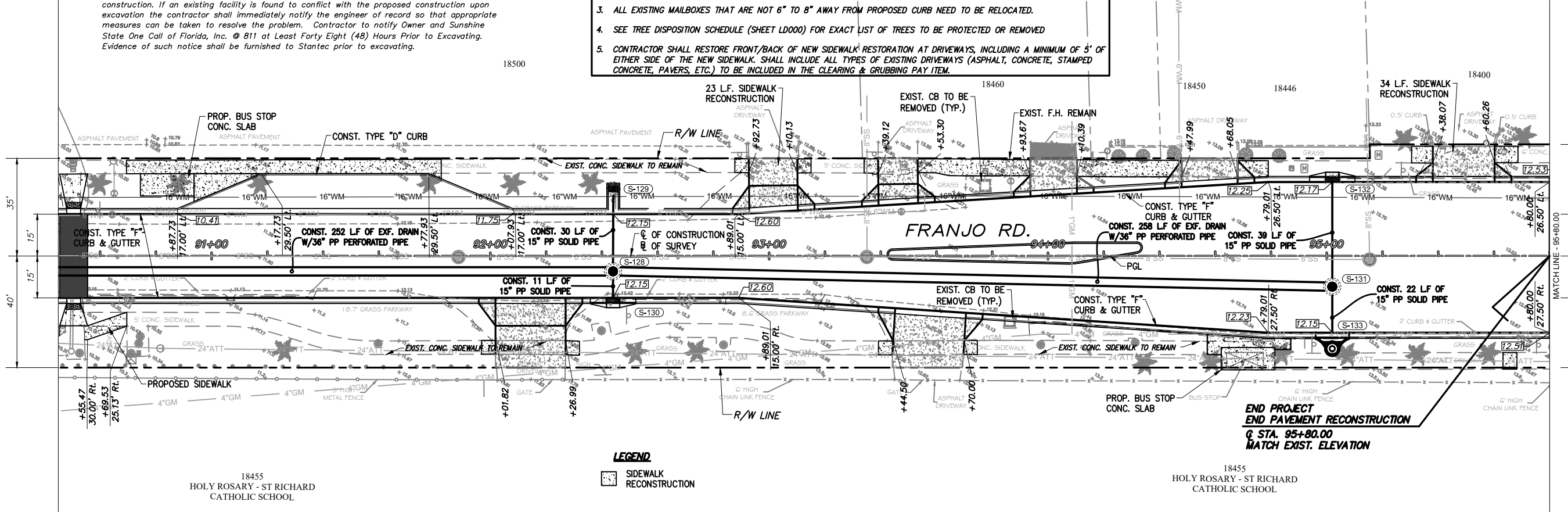
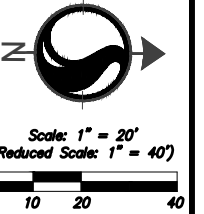
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MIAMI-DADE COUNTY PUBLIC WORKS DEPT.
HIGHWAY DIVISION
FRANJO ROAD
FROM OLD CUTLER RD TO SW 184TH STREET
PROJECT NO. 20190519 SHEET C-21 OF 82



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

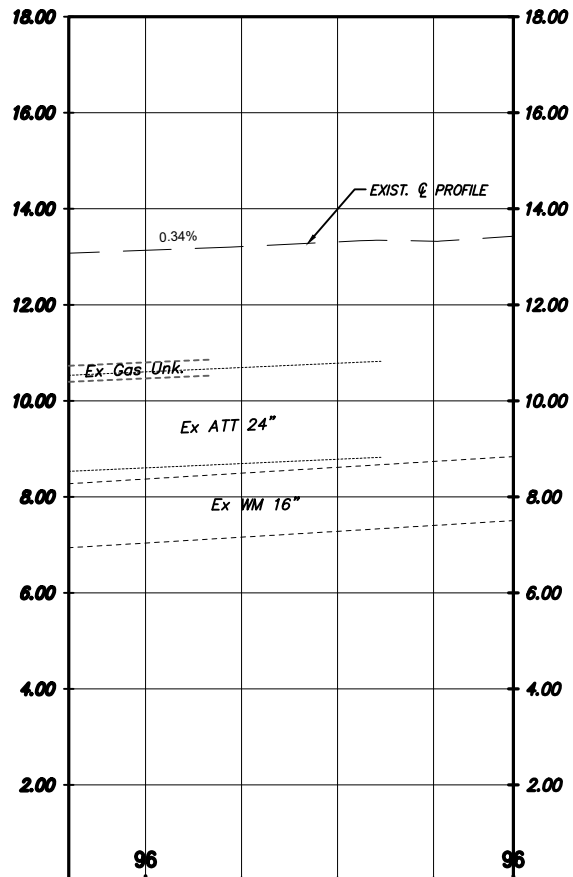
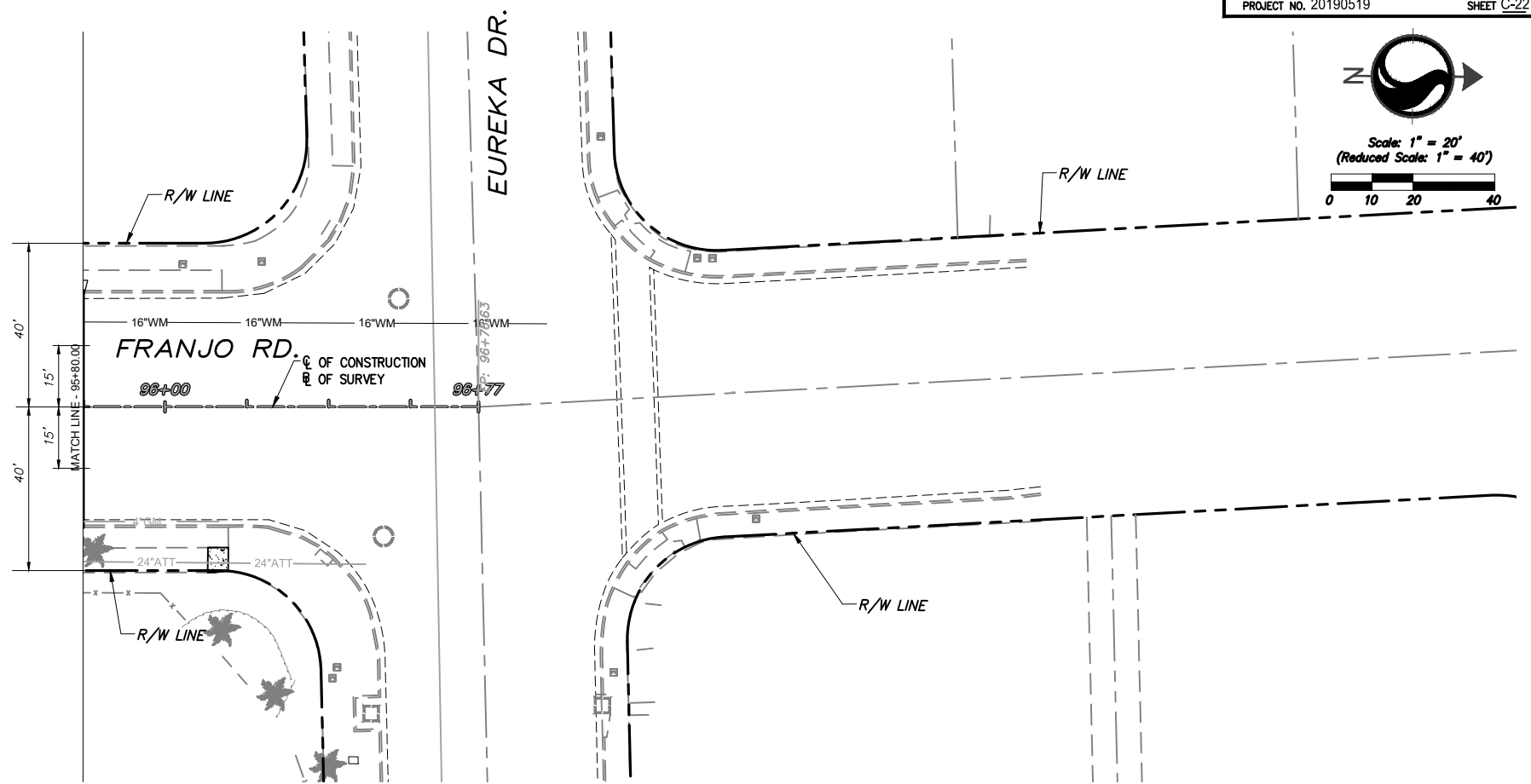
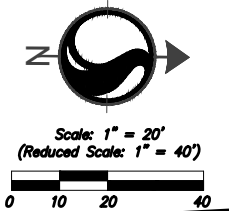


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	CMH	04-2021		RM	04-2021
CHECKED BY	NAME	DATE	CHECKED BY	NAME	DATE
	CMH			CMH	
SUPERVISED BY:					



PLAN & PROFILE



SCALE: 1"=20' (HOR.)
1"=2' (VER.)
REDUCED SCALE: 1"=40' (HOR.)
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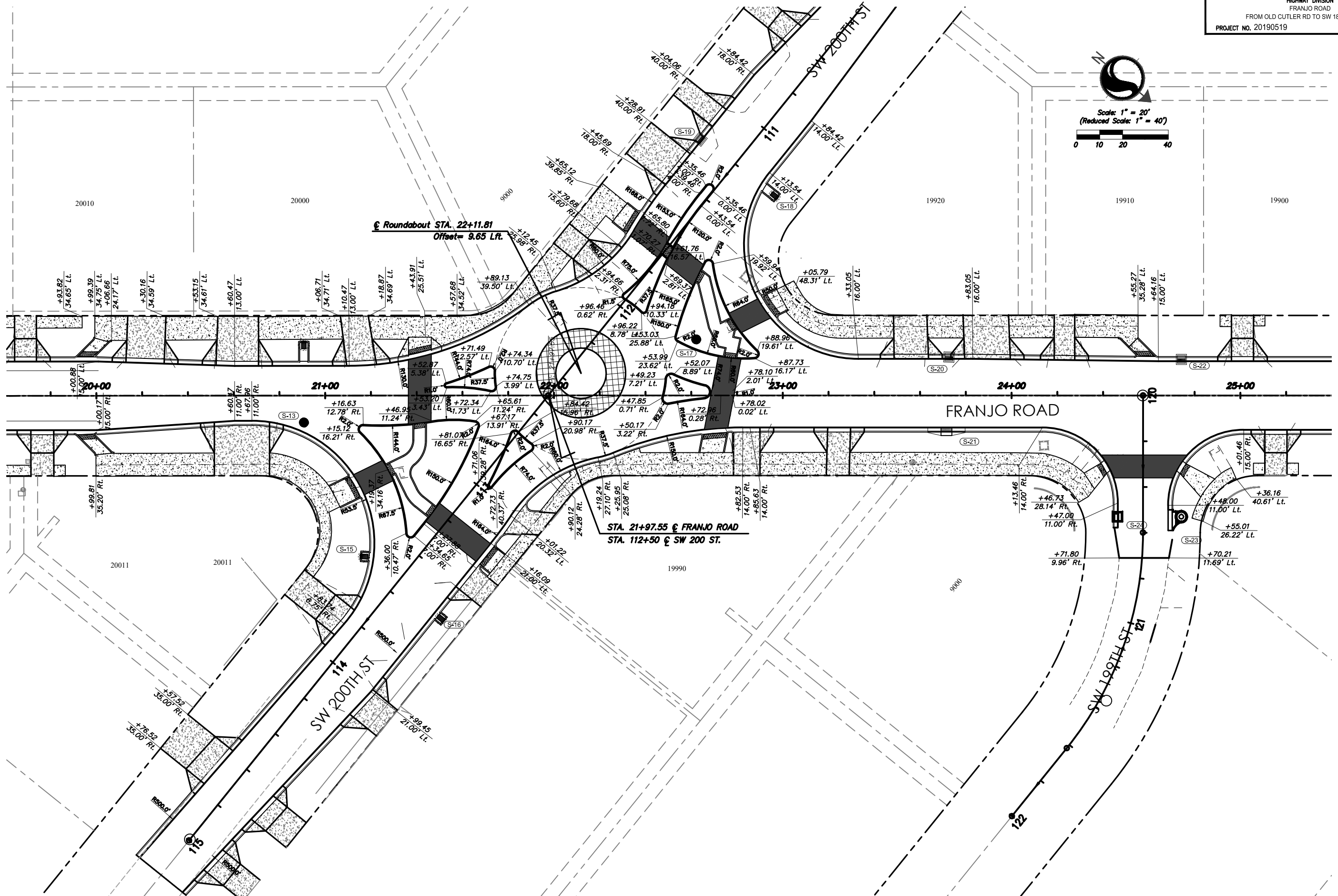
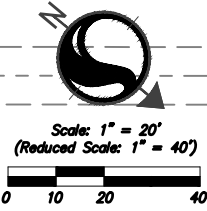


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CMH	CMH	04-2021	RM	RM	04-2021
CHECKED BY	NAME	DATE	CHECKED BY	NAME	DATE
CMH	CMH		CMH	CMH	
SUPERVISED BY:					



PLAN & PROFILE



STA. 21+97.55 @ FRANJO ROAD
STA. 112+50 @ SW 200 ST.

Roundabout STA. 22+11.81
Offset= 9.65' Lt.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

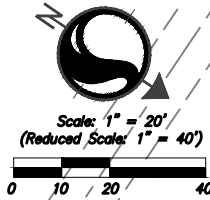
Stantec
901 Ponce de Leon Blvd, Suite 900
Coral Gables, Florida 33134
www.stantec.com

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CHECKED BY	CMH	04-2021	CHECKED BY	RM	04-2021
SUPERVISED BY	CMH			CMH	

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1st St
MIAMI, FLORIDA 33128

ROUNDABOUT GEOMETRY



ITB #23-10

PLOTTED BY: MORALES, ROD DATE: 2/16/2023 4:54 PM
 CREATED: 2022-02-04 - V:\2156\ACTIVE\215615952\CIVIL\DESIGN\DRAWING\CIVIL PLANS\15952_FRANJO_ROUNDABOUT GEOMETRY.DWG

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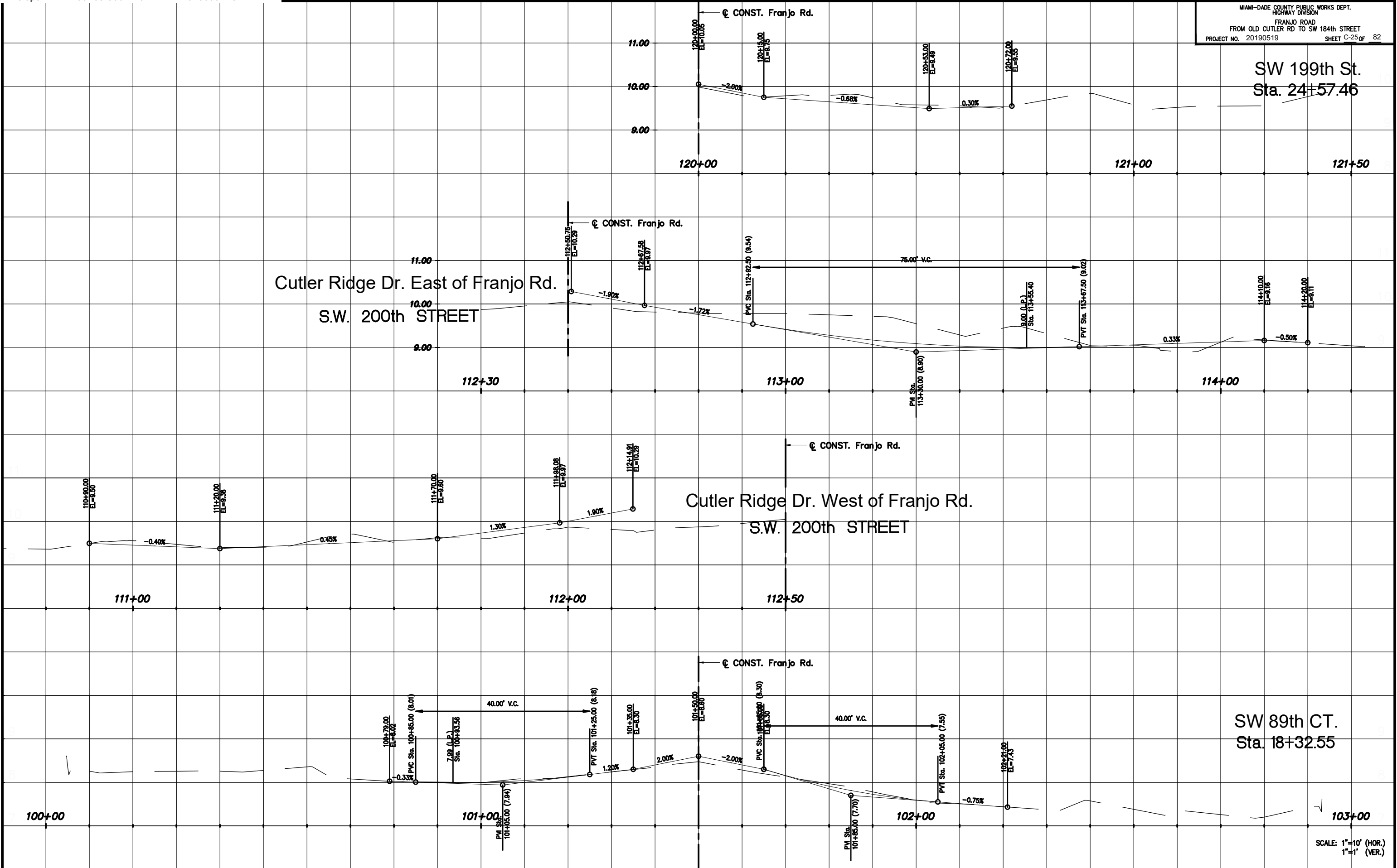
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stanlec without delay. The Copyrights to all designs and drawings are the property of Stanlec. Reproduction or use for any purpose other than that authorized by Stanlec is forbidden.

	NAME	DATE		NAME	DATE
DESIGNED BY	CMH	04-2021	DRAWN BY	RM	04-2021
CHECKED BY	CMH		CHECKED BY	CMH	
SUPERVISED BY:					



**DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS
HIGHWAY DIVISION**
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

ROUNDAABOUT GEOMETRY



MIAMI-DADE COUNTY PUBLIC WORKS DEPT.
HIGHWAY DIVISION
FRANJO ROAD
FROM OLD CUTLER RD TO SW 184th STREET
PROJECT NO. 20190519 SHEET C-25 OF 82

SW 199th St.
Sta. 24+57.46

Cutler Ridge Dr. East of Franjo Rd.
S.W. 200th STREET

Cutler Ridge Dr. West of Franjo Rd.
S.W. 200th STREET

SW 89th CT.
Sta. 18+32.55

SCALE: 1"=10' (HOR.)
1"=1' (VER.)

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

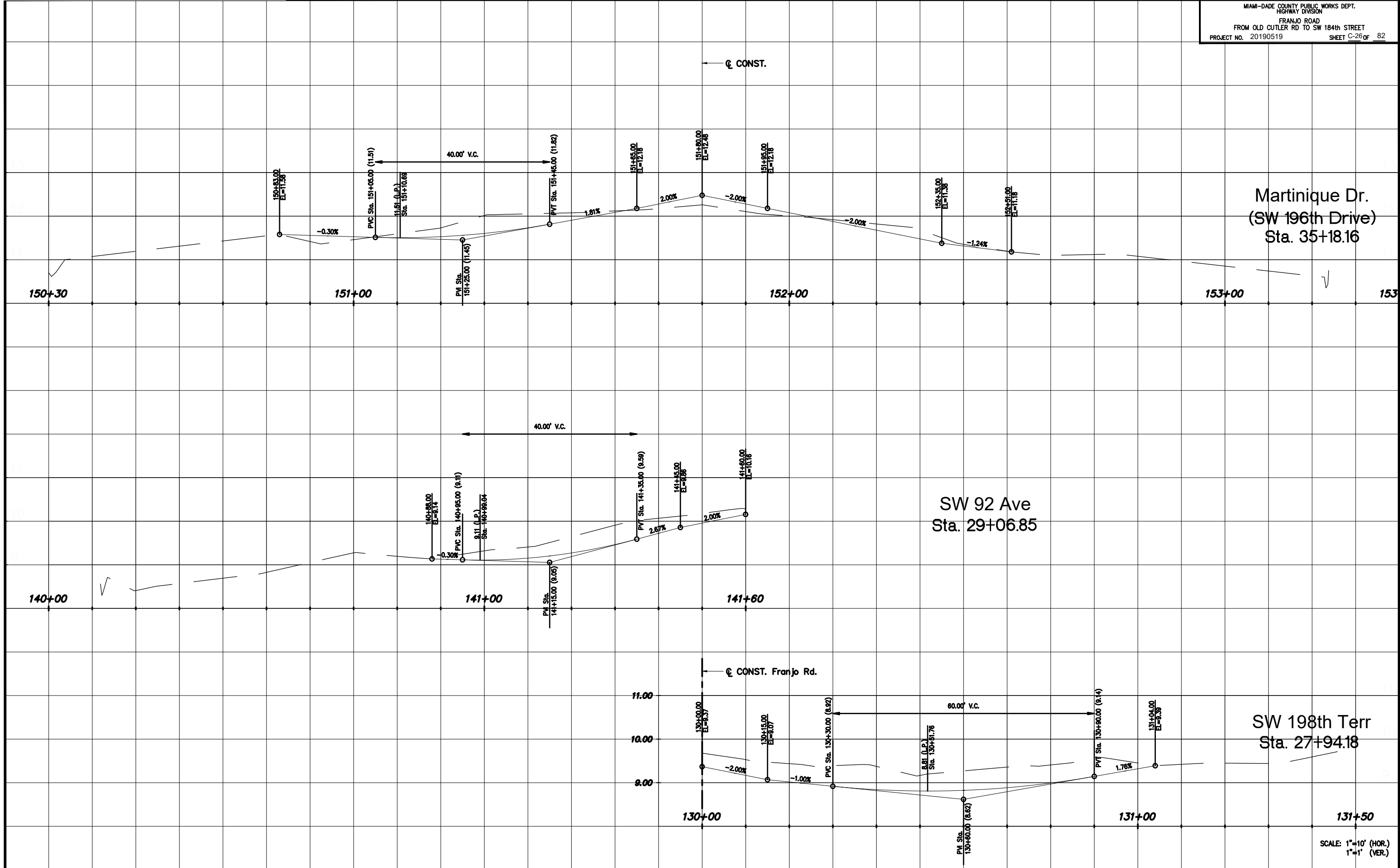


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CHECKED BY	NAME	DATE	CHECKED BY	NAME	DATE
CMH	CMH		CMH	CMH	
SUPERVISED BY:					

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

INTERSECTING
STREET PROFILES



Martinique Dr.
(SW 196th Drive)
Sta. 35+18.16

SW 92 Ave
Sta. 29+06.85

SW 198th Terr
Sta. 27+94.18

SCALE: 1"=10' (HOR.)
1"=1' (VER.)

REVISIONS							
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY

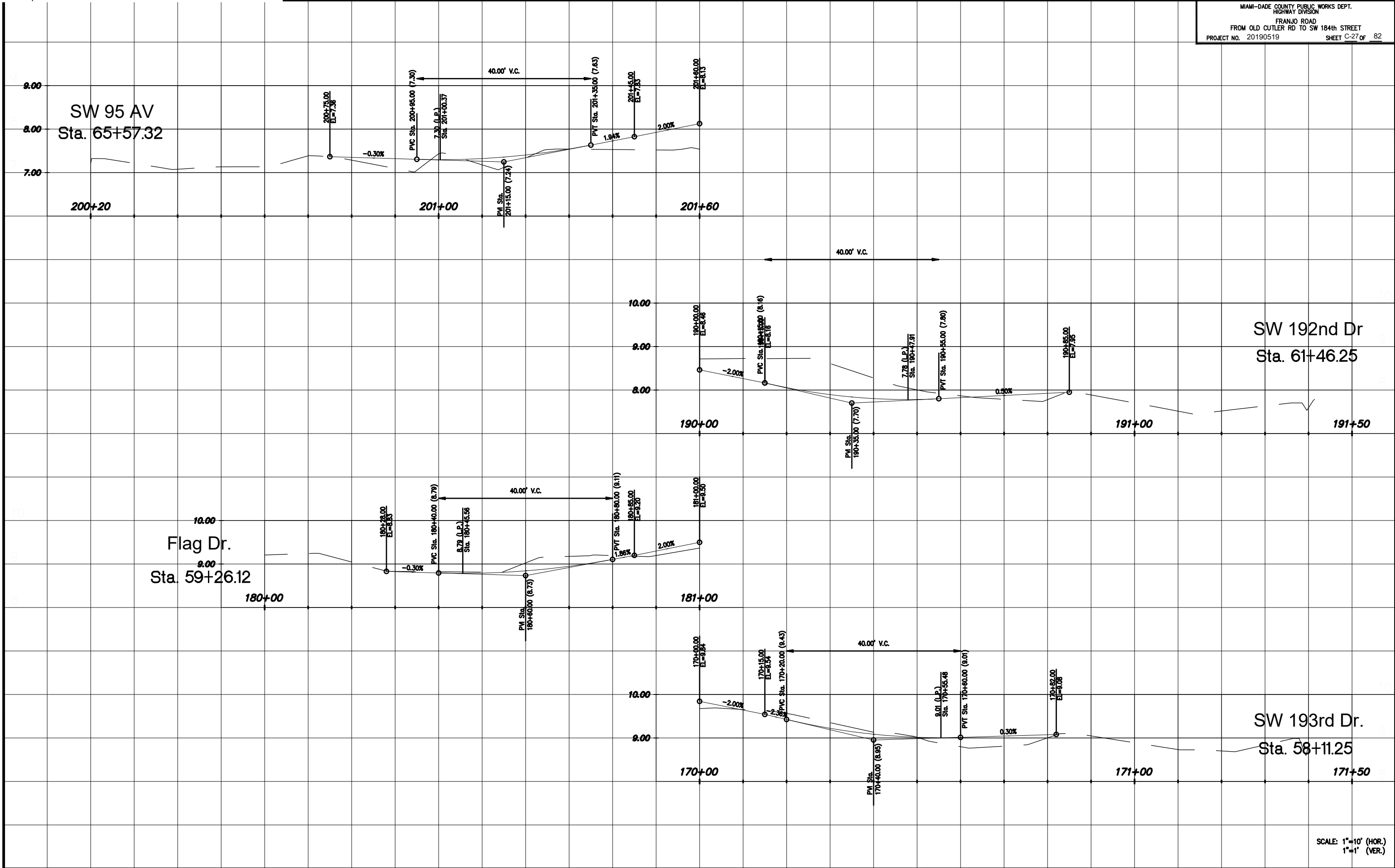


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MIAMI-DADE COUNTY
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STEPHEN P. CLARK, CENTER
111 NW 1st St
MIAMI, FLORIDA 33128

INTERSECTING STREET PROFILES



SCALE: 1"=10' (HOR.)
1"=1' (VER.)

REVISIONS											
DATE	BY	DESCRIPTION			DATE	BY	DESCRIPTION			DATE	BY

901 Ponce de Leon Blvd, Suite 900
Coral Gables, Florida 33134
www.stantec.com

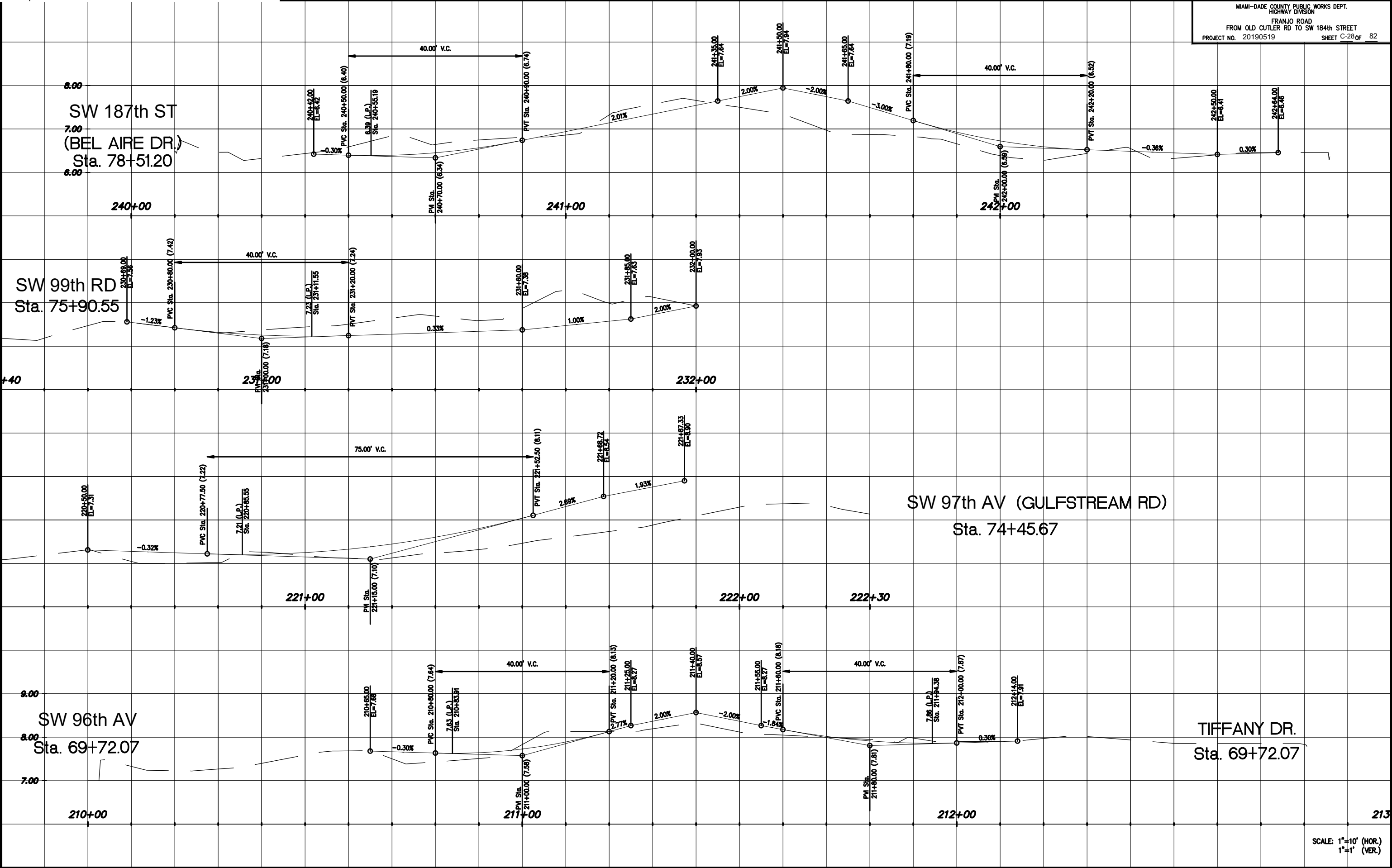
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MIAMI-DADE COUNTY

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111 NW 1 ST
MIAMI, FLORIDA 33128

INTERSECTING STREET PROFILES



SCALE: 1"=10' (HOR.)
1"=1' (VER.)

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

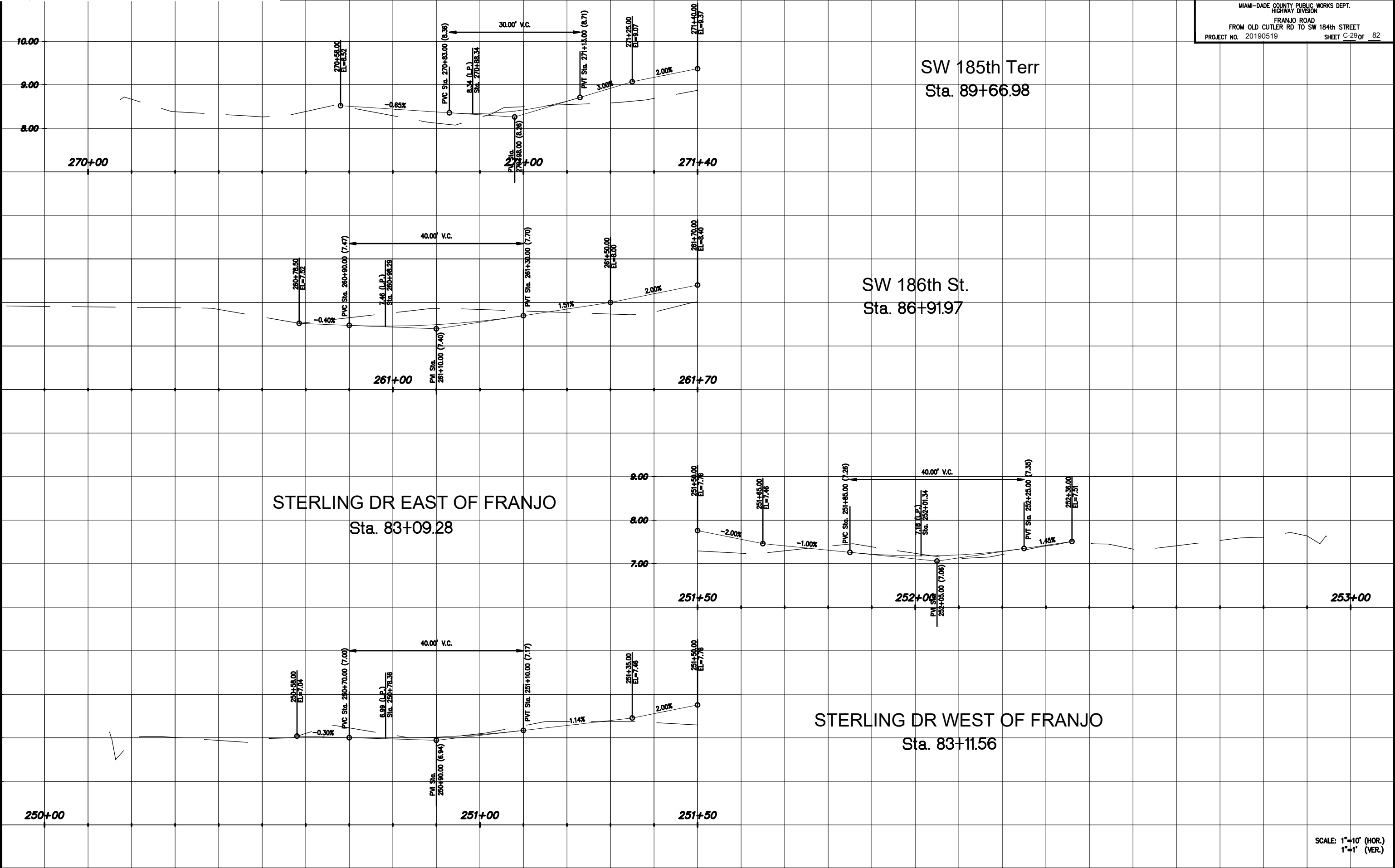
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SUPERVISED BY:					

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HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
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MIAMI, FLORIDA 33128

INTERSECTING STREET PROFILES



SCALE: 1"=10' (HOR.)
1"=1' (VER.)

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

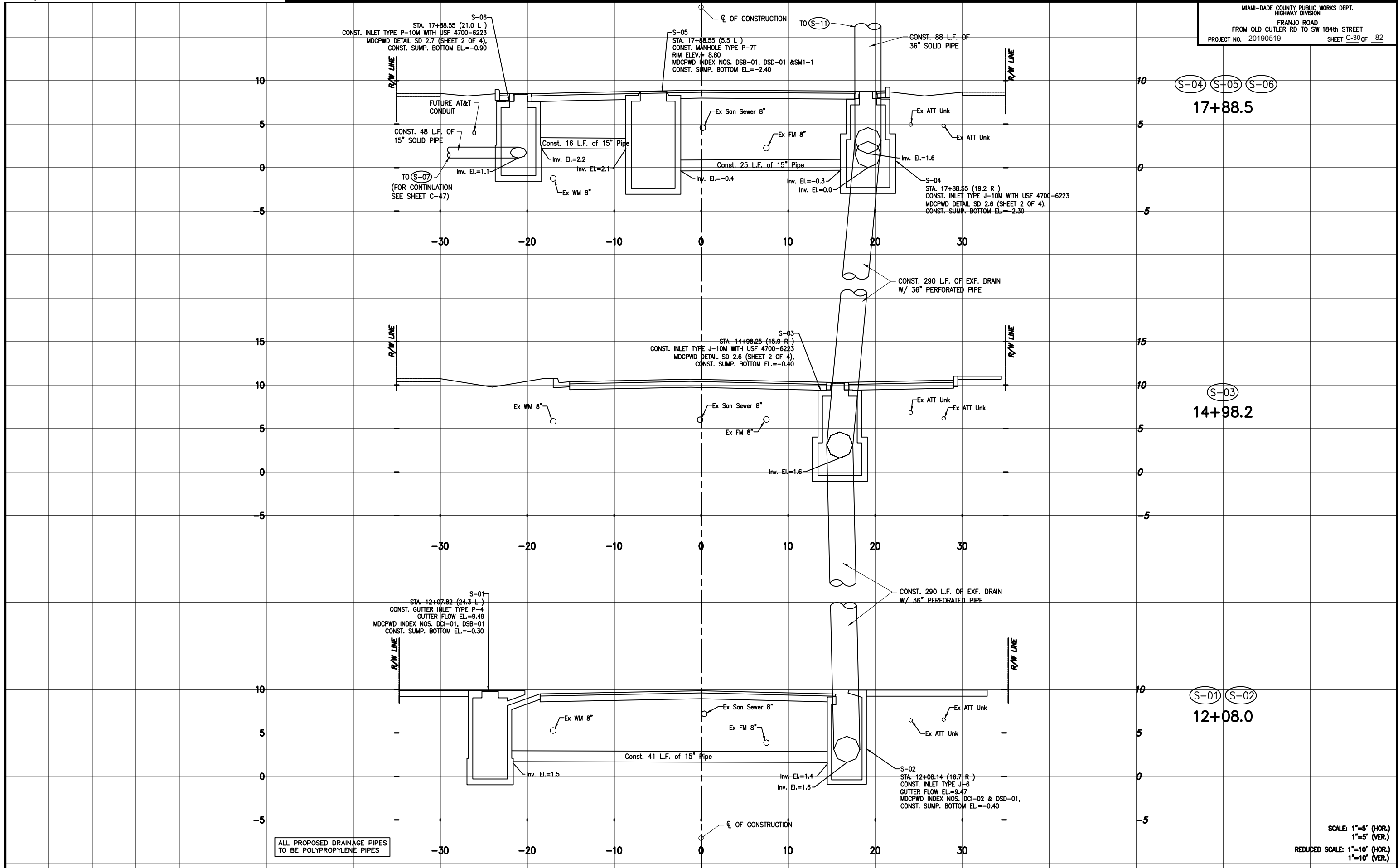
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INTERSECTING
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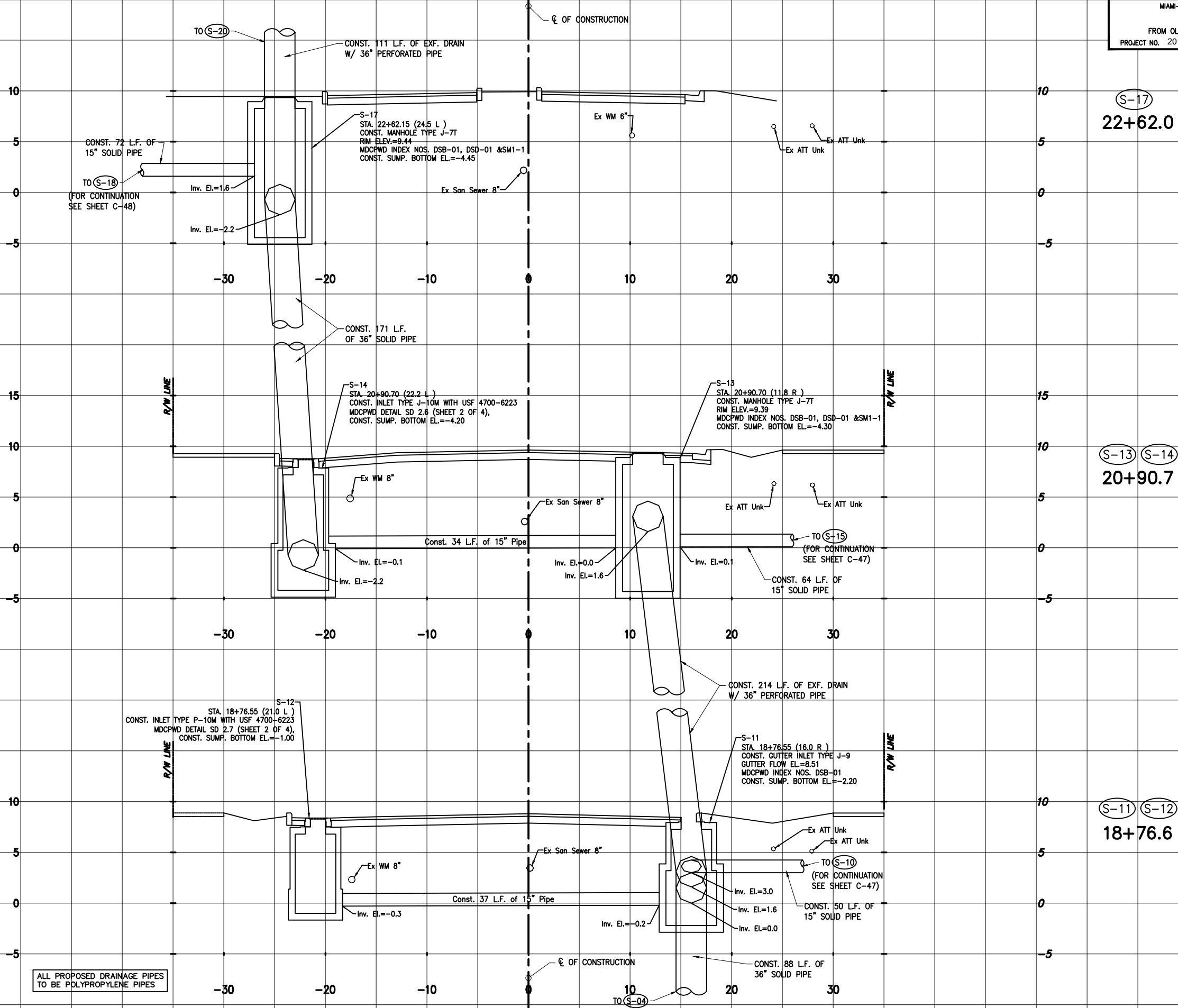
DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CNH		04-2021	RM		04-2021
CNH			CNH		

SUPERVISED BY:

MIAMI-DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
101 NW 1 ST
MIAMI, FLORIDA 33128

DRAINAGE STRUCTURES



S-17
22+62.0

S-13 S-14
20+90.7

S-11 S-12
18+76.6

ALL PROPOSED DRAINAGE PIPES
TO BE POLYPROPYLENE PIPES

SCALE: 1"=5' (HOR.)
1"=5' (VER.)
REDUCED SCALE: 1"=10' (HOR.)
1"=10' (VER.)

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

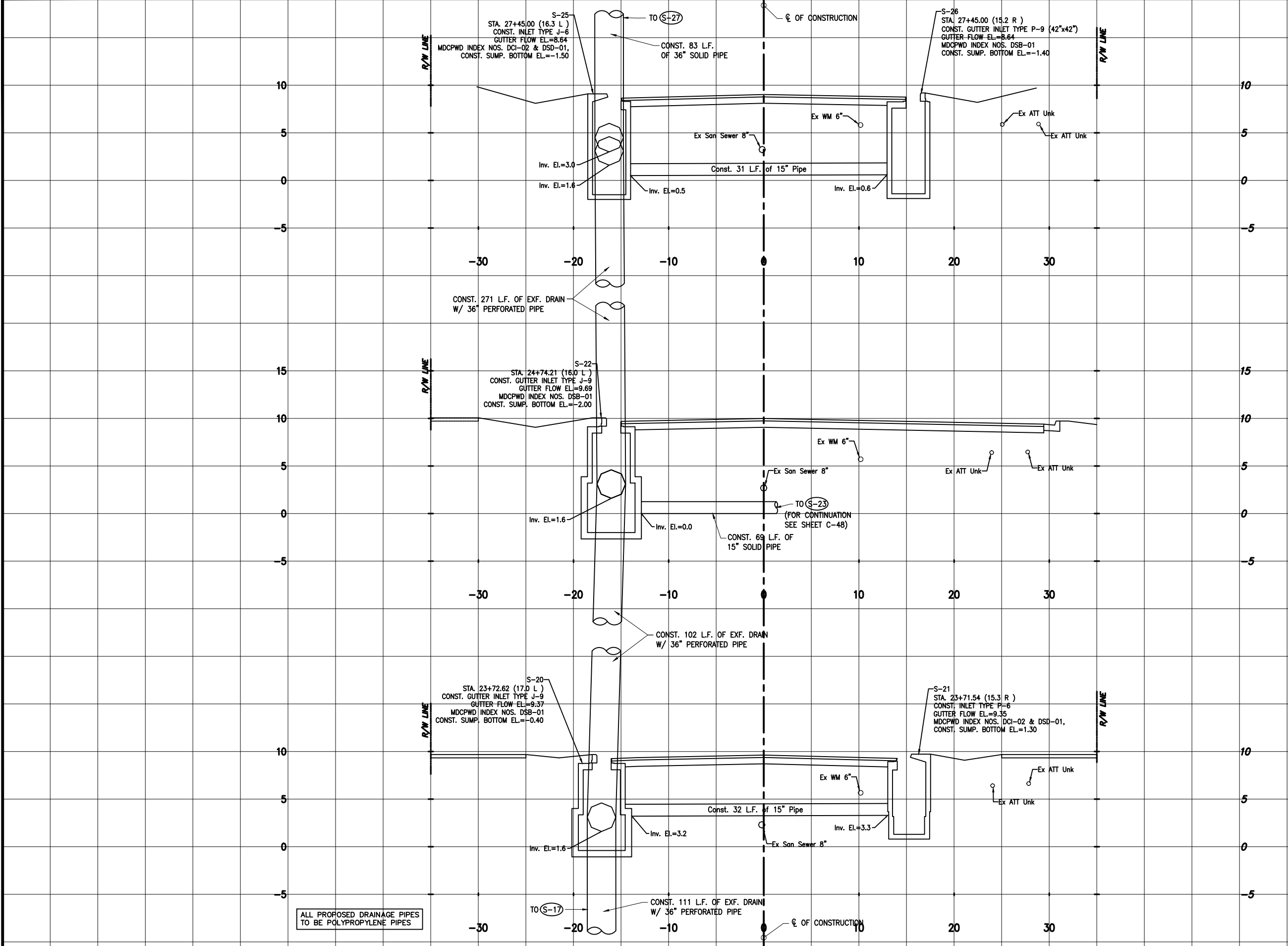


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SUPERVISED BY:					

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK, CENTER
101 NW 1 ST
MIAMI, FLORIDA 33128

DRAINAGE
STRUCTURES



S-25 S-26
27+45.0

S-22
24+74.2

S-20 S-21
23+72.2

ALL PROPOSED DRAINAGE PIPES
TO BE POLYPROPYLENE PIPES

SCALE: 1"=5' (HOR.)
1"=5' (VER.)
REDUCED SCALE: 1"=10' (HOR.)
1"=10' (VER.)

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

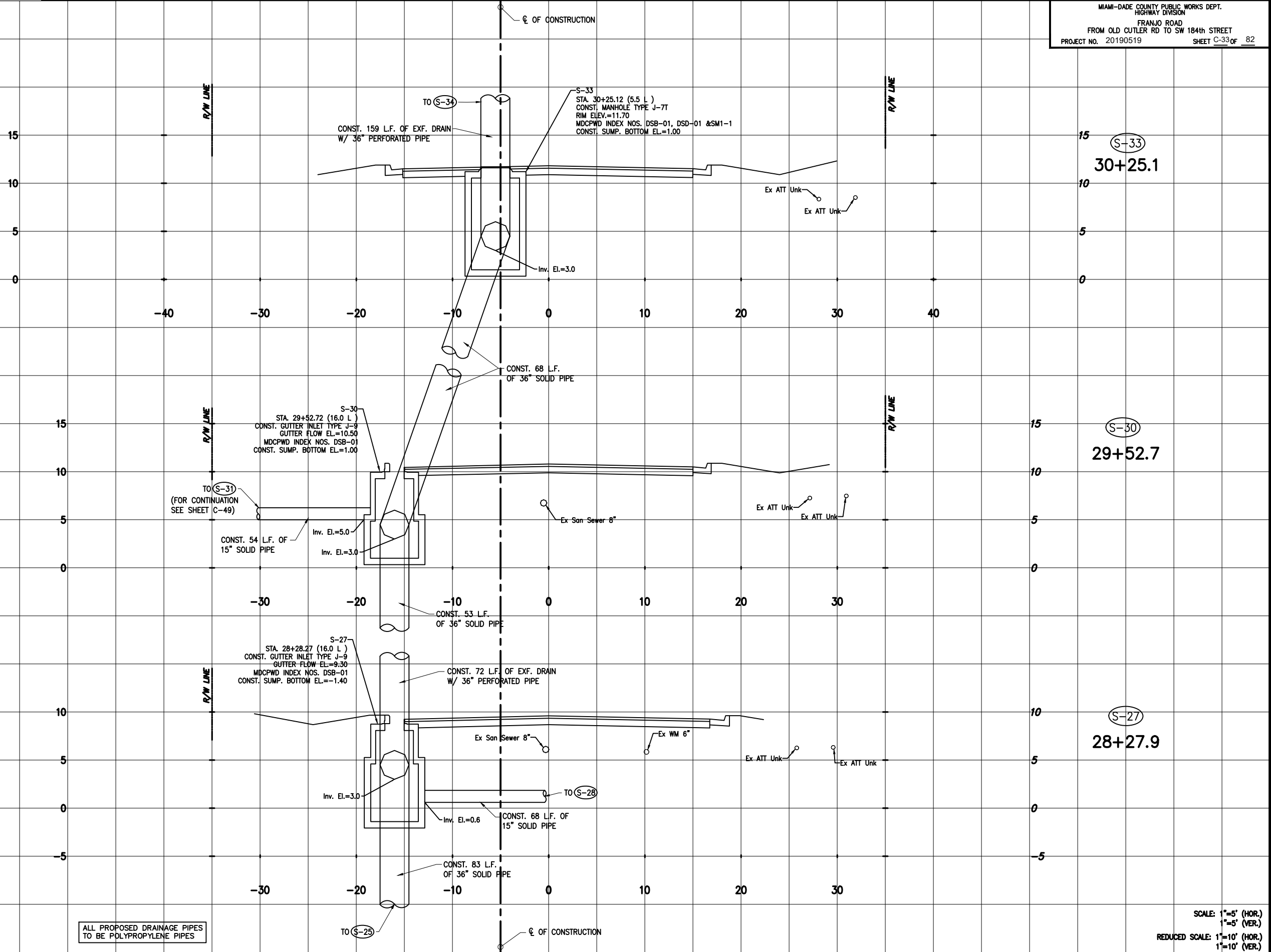


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MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

DRAINAGE
STRUCTURES



SCALE: 1"=5' (HOR.)
1"=5' (VER.)
REDUCED SCALE: 1"=10' (HOR.)
1"=10' (VER.)

REVISIONS							
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY



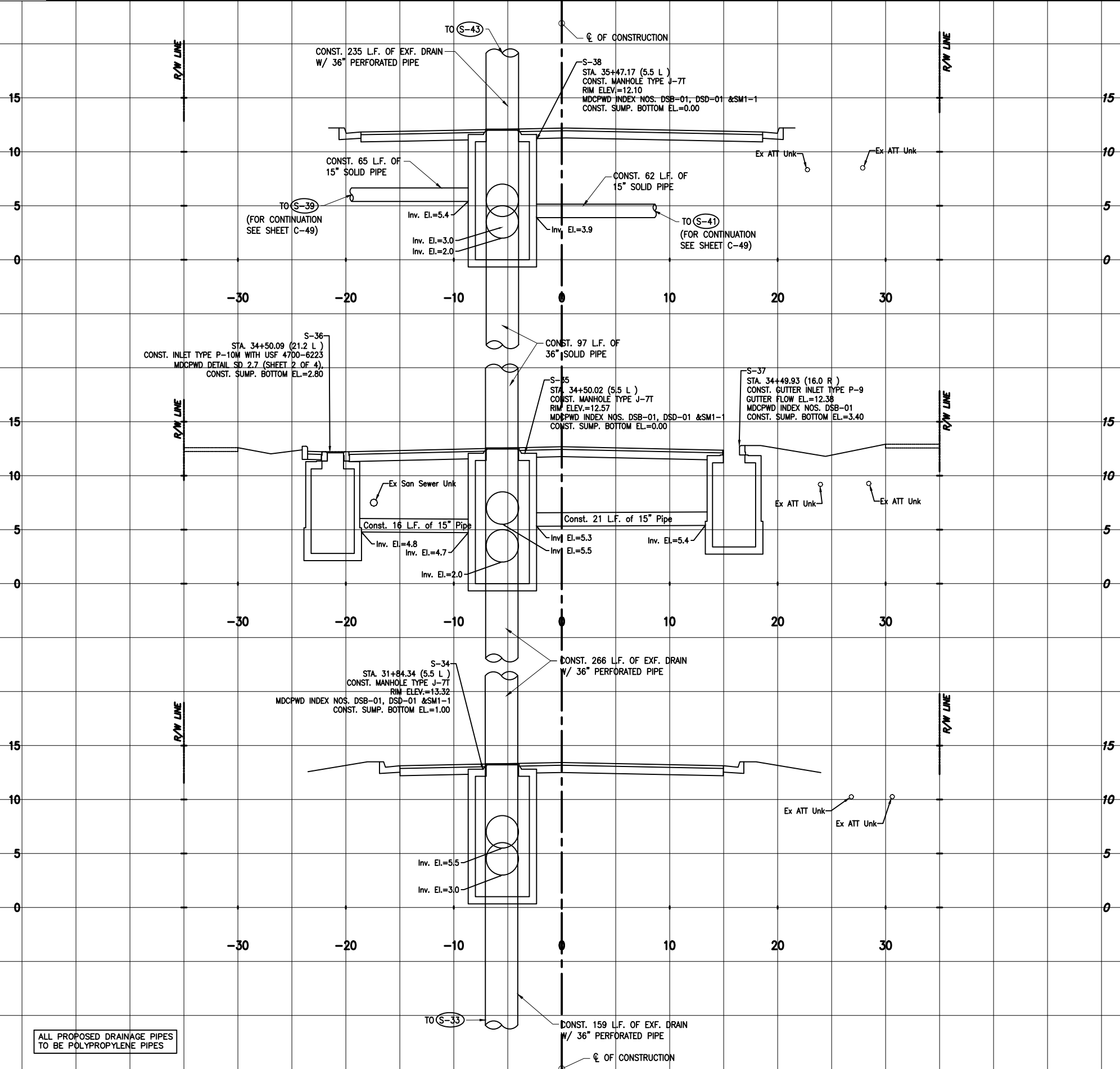
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DRAINAGE STRUCTURES

MIAMI-DADE COUNTY PUBLIC WORKS DEPT.
HIGHWAY DIVISION
FRANJO ROAD
FROM OLD CUTLER RD TO SW 184th STREET
PROJECT NO. 20190519 SHEET C-34 of 82



S-38
35+47.2

S-35 S-36 S-37
34+50.0

S-34
31+84.3

SCALE: 1"=5' (HOR.)
1"=5' (VER.)
REDUCED SCALE: 1"=10' (HOR.)
1"=10' (VER.)

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

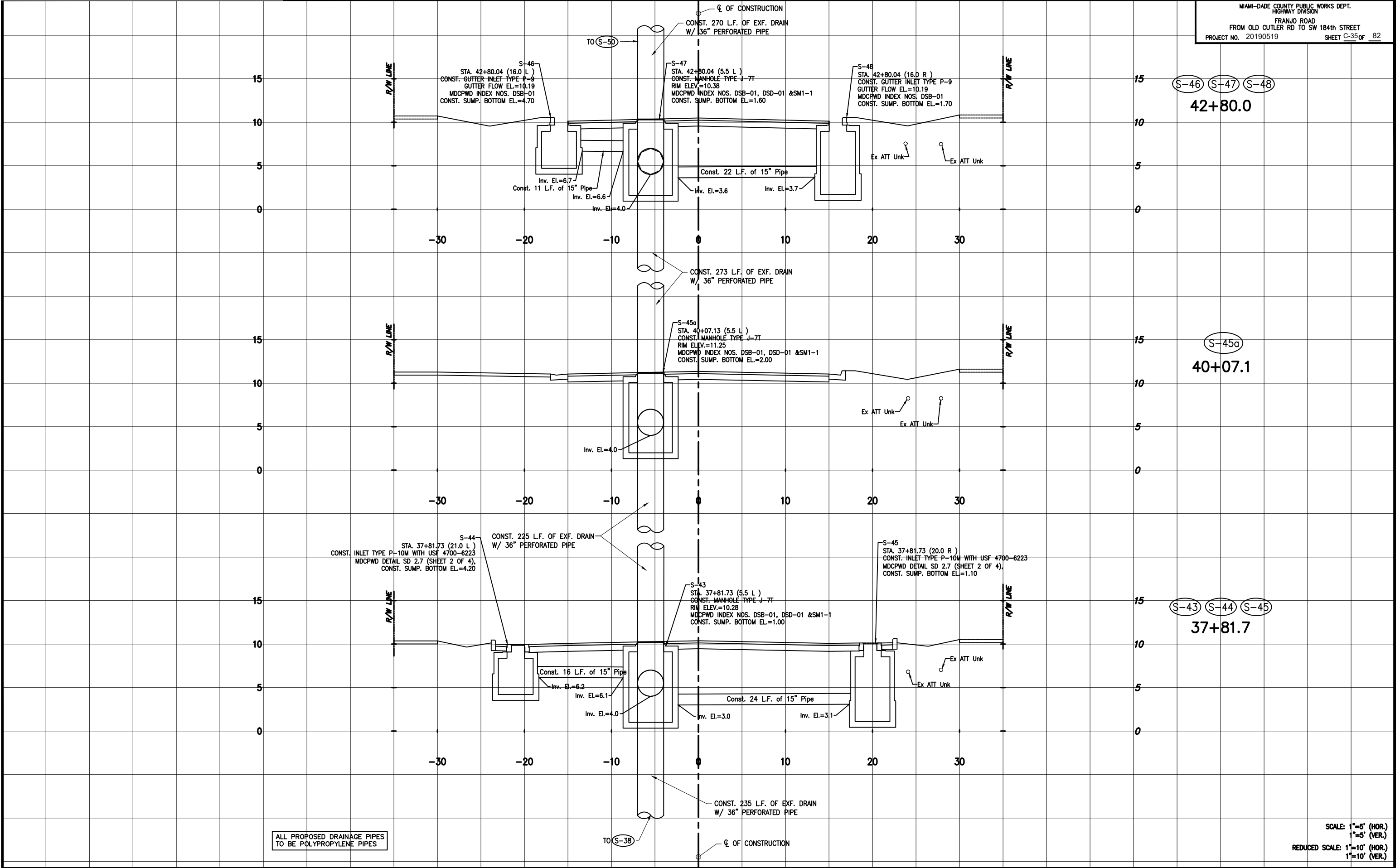


The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CHECKED BY	CMH	04-2021	CHECKED BY	CMH	04-2021
SUPERVISED BY:					



DRAINAGE STRUCTURES



REVISIONS											
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

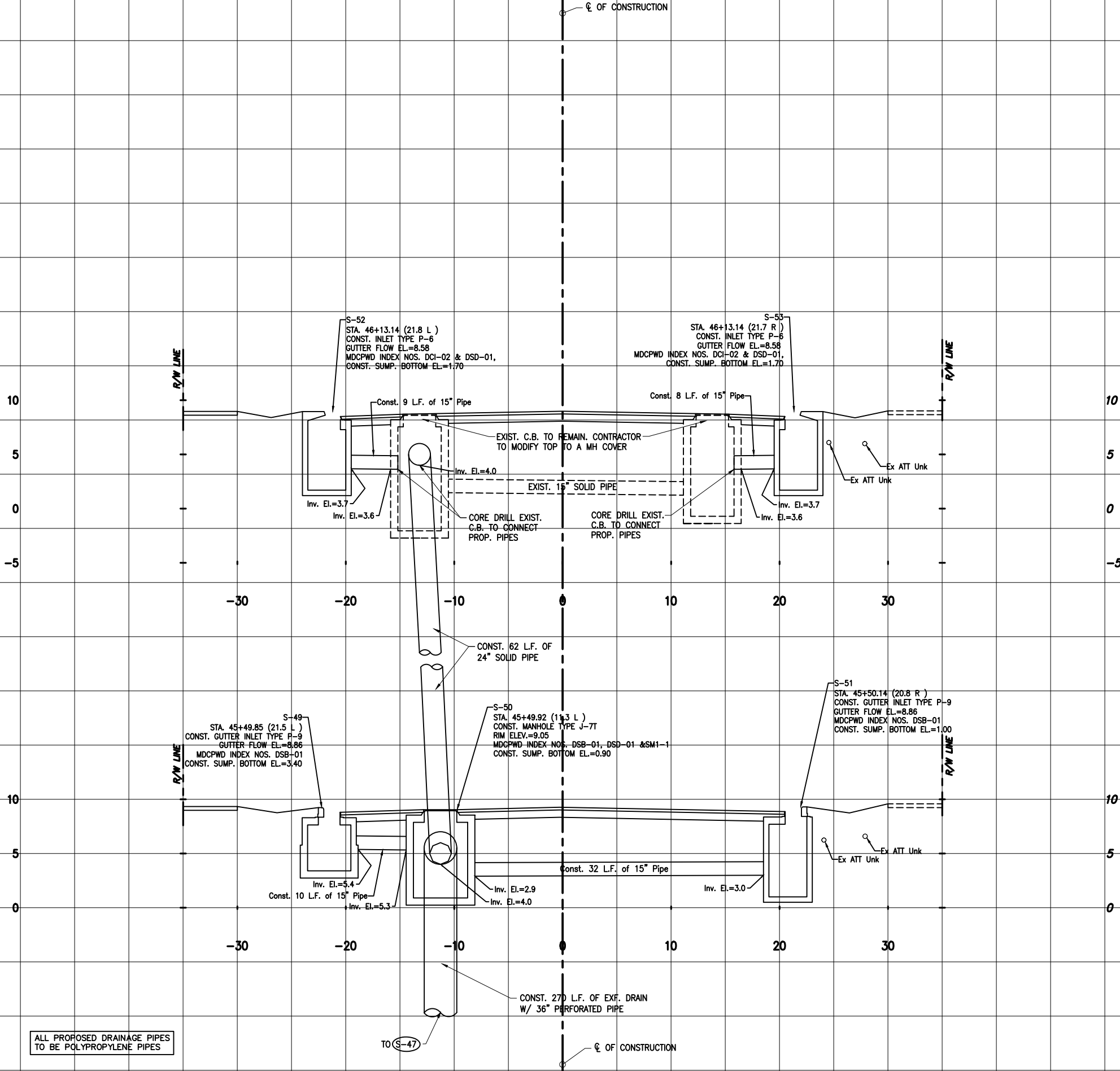
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SUPERVISED BY	CMH				

MIAMI-DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK, CENTER
101 NW 1 ST
MIAMI, FLORIDA 33128

DRAINAGE STRUCTURES



ALL PROPOSED DRAINAGE PIPES
TO BE POLYPROPYLENE PIPES

SCALE: 1"=5' (HOR.)
1"=5' (VER.)
REDUCED SCALE: 1"=10' (HOR.)
1"=10' (VER.)

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**Stantec**
701 Honda de Leon Blvd, Suite 700
Coral Gables, Florida 33134
www.stantec.com

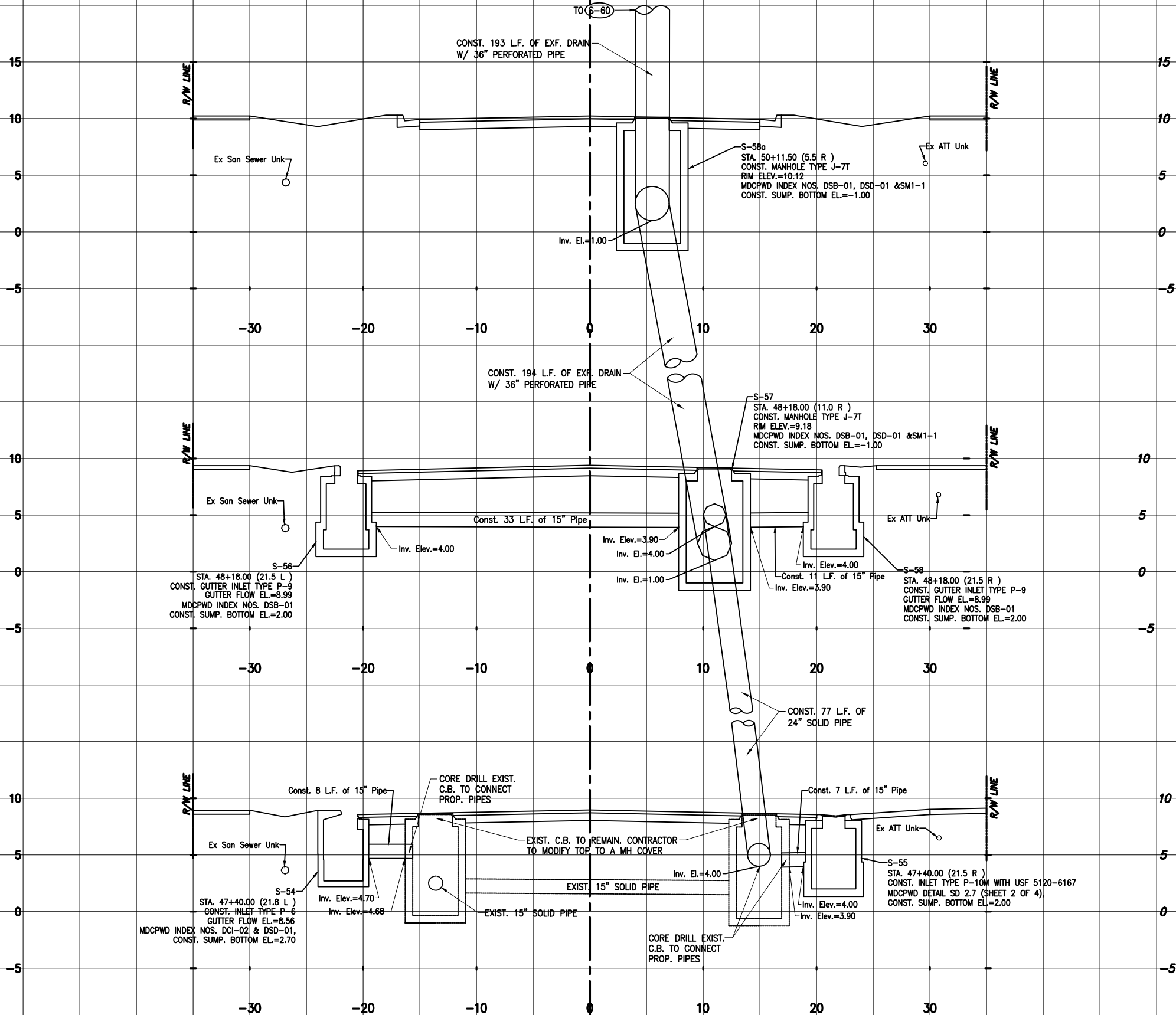
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SUPERVISED BY:	CMH			CMH	

MIAMI-DADE COUNTY


**DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION**
STEPHEN P. CLARK, CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

DRAINAGE
STRUCTURES



S-58A
50+11.6

S-56 S-57 S-58
48+18.0

S-54 S-55
47+40.3

ALL PROPOSED DRAINAGE PIPES
TO BE POLYPROPYLENE PIPES

SCALE: 1"=5' (HOR.)
1"=5' (VER.)
REDUCED SCALE: 1"=10' (HOR.)
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REVISIONS

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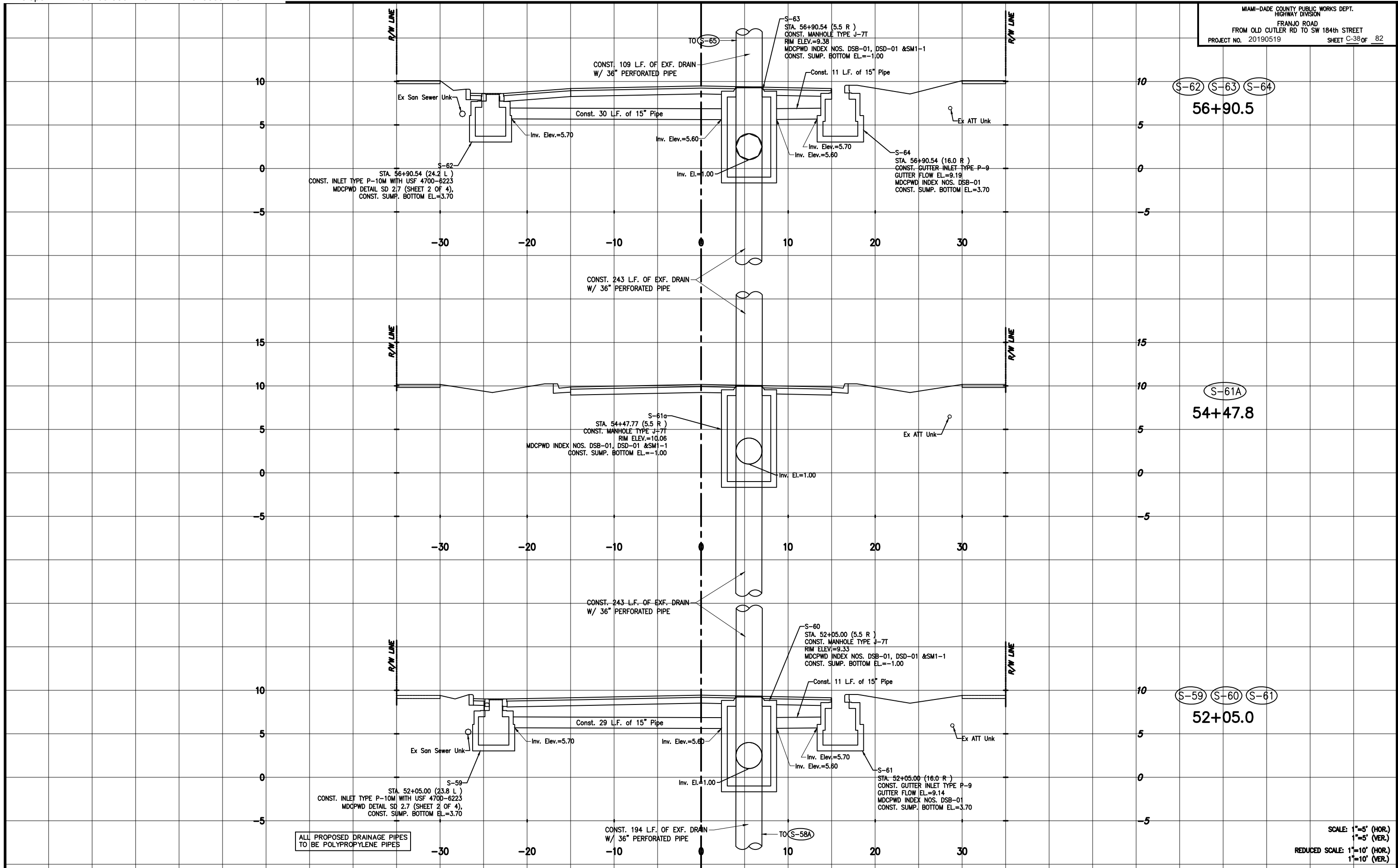


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CHECKED BY	NAME	DATE	CHECKED BY	NAME	DATE
CMH	CMH		CMH	CMH	
SUPERVISED BY:					

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK, CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

DRAINAGE
STRUCTURES



REVISIONS							
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY

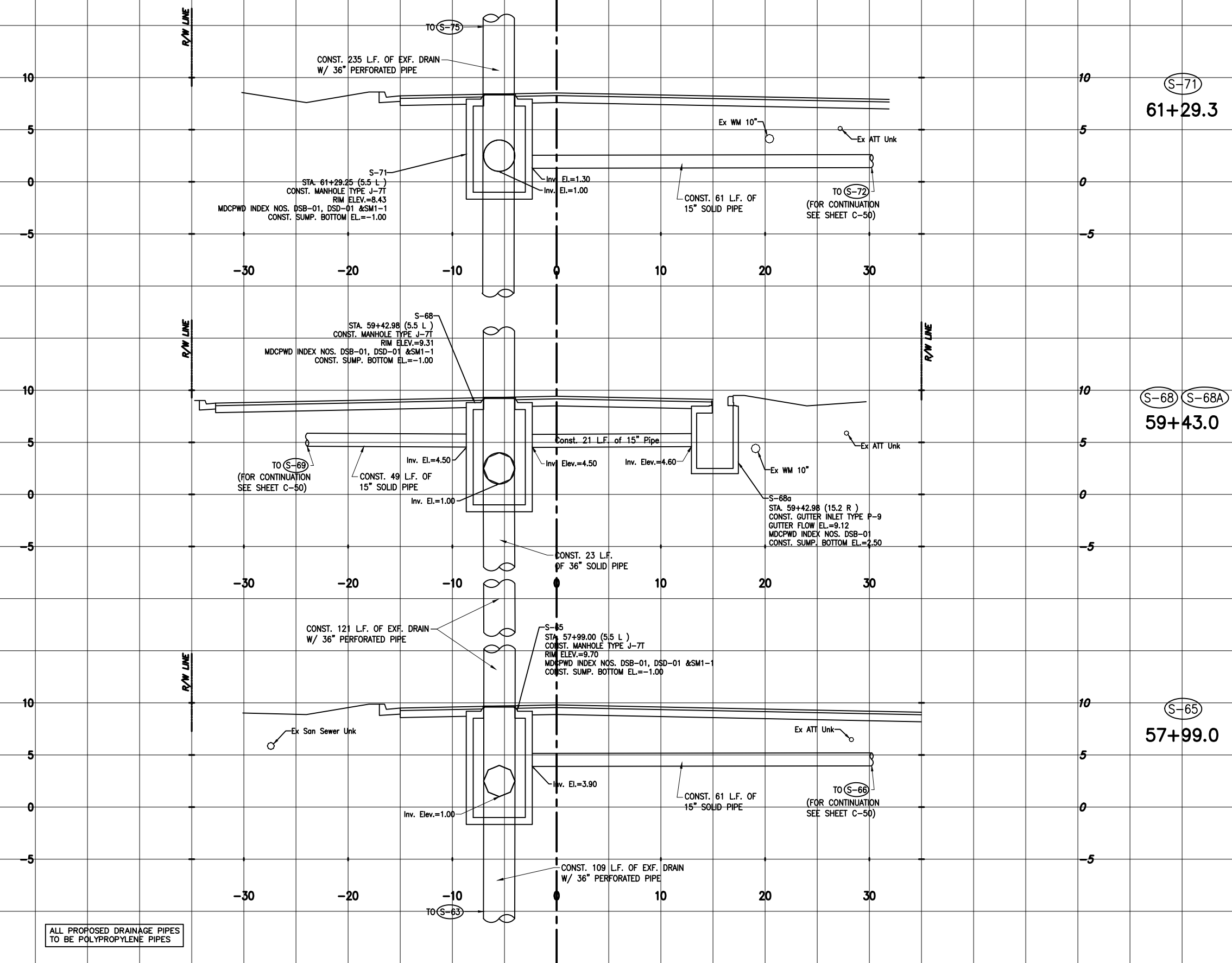


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SUPERVISED BY:					

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK, CENTER
101 NW 1 ST
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DRAINAGE STRUCTURES



ALL PROPOSED DRAINAGE PIPES
TO BE POLYPROPYLENE PIPES

SCALE: 1"=5' (HOR.)
1"=5' (VER.)
REDUCED SCALE: 1"=10' (HOR.)
1"=10' (VER.)

ITB #23-10
Frango Road Roadway Improvements Project
Page 389 of 608

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

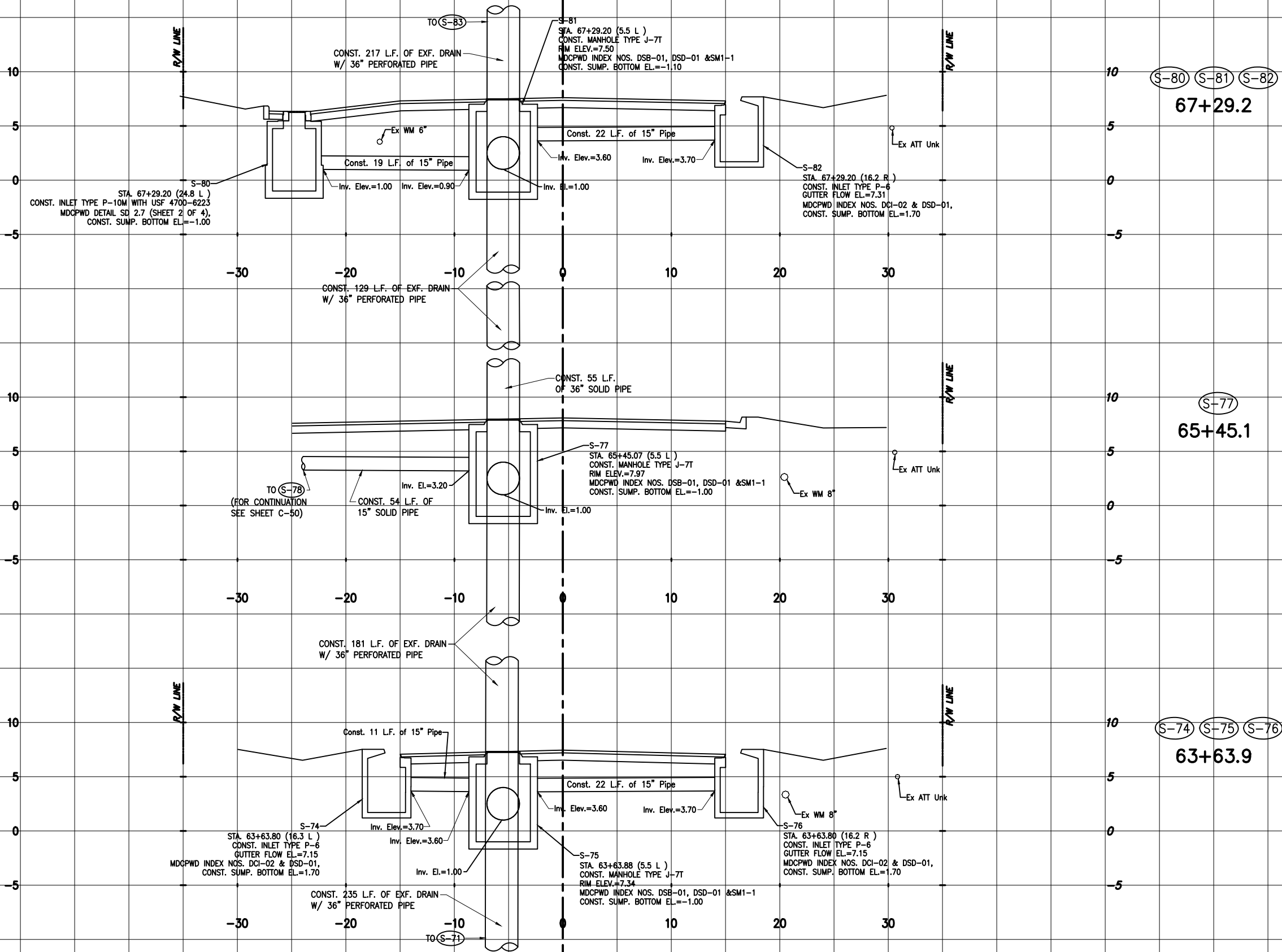


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MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

DRAINAGE STRUCTURES



ALL PROPOSED DRAINAGE PIPES
TO BE POLYPROPYLENE PIPES

SCALE: 1"=5' (HOR.)
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REDUCED SCALE: 1"=10' (HOR.)
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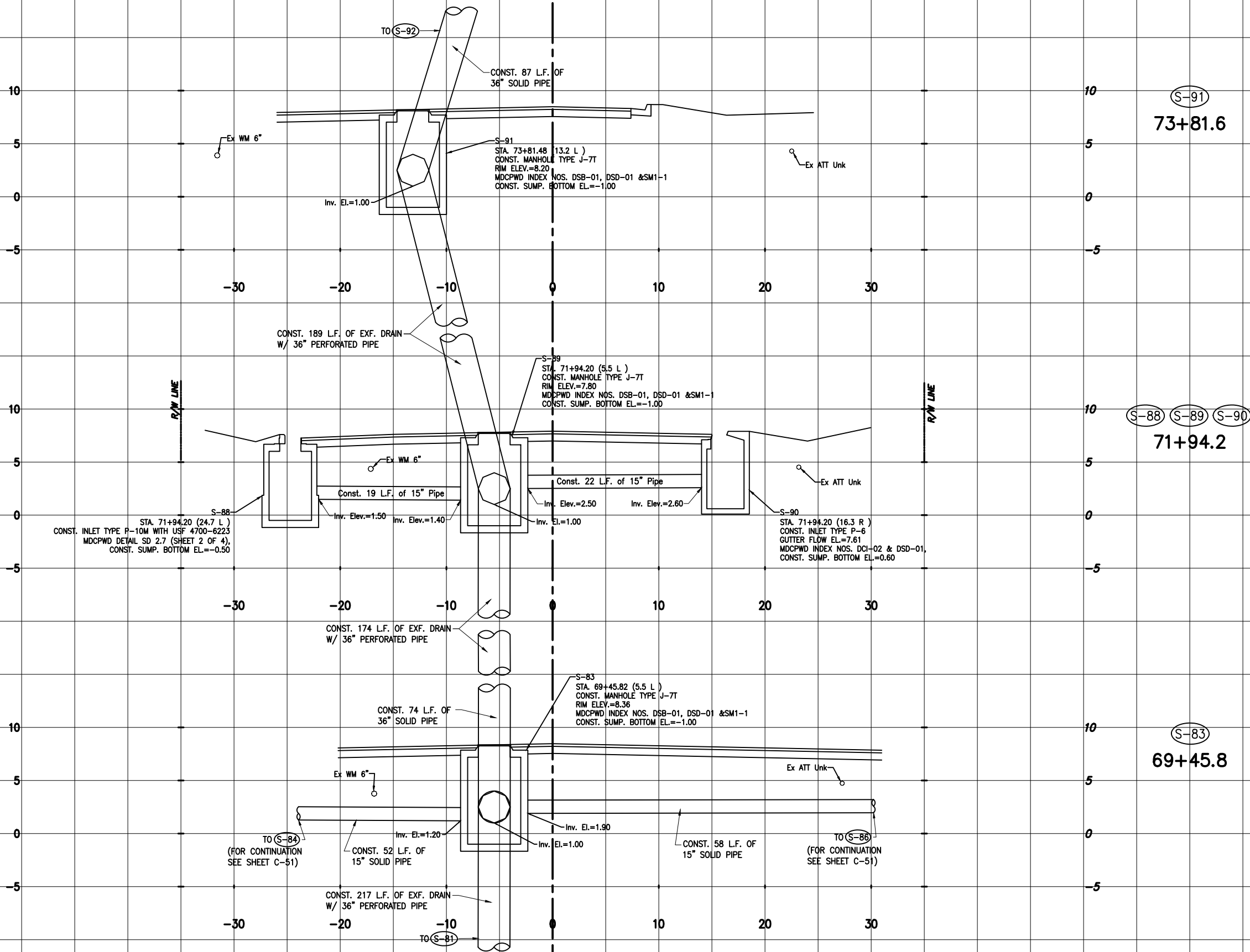
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CHECKED BY	NAME	DATE	CHECKED BY	NAME	DATE
CMH	CMH		CMH		
SUPERVISED BY	NAME	DATE	SUPERVISED BY	NAME	DATE



DRAINAGE
STRUCTURES

ITB #23-10
Frango Road Roadway Improvements Project
Page 391 of 608



ALL PROPOSED DRAINAGE PIPES
TO BE POLYPROPYLENE PIPES

SCALE: 1"=5' (HOR.)
1"=5' (VER.)
REDUCED SCALE: 1"=10' (HOR.)
1"=10' (VER.)

REVISIONS							
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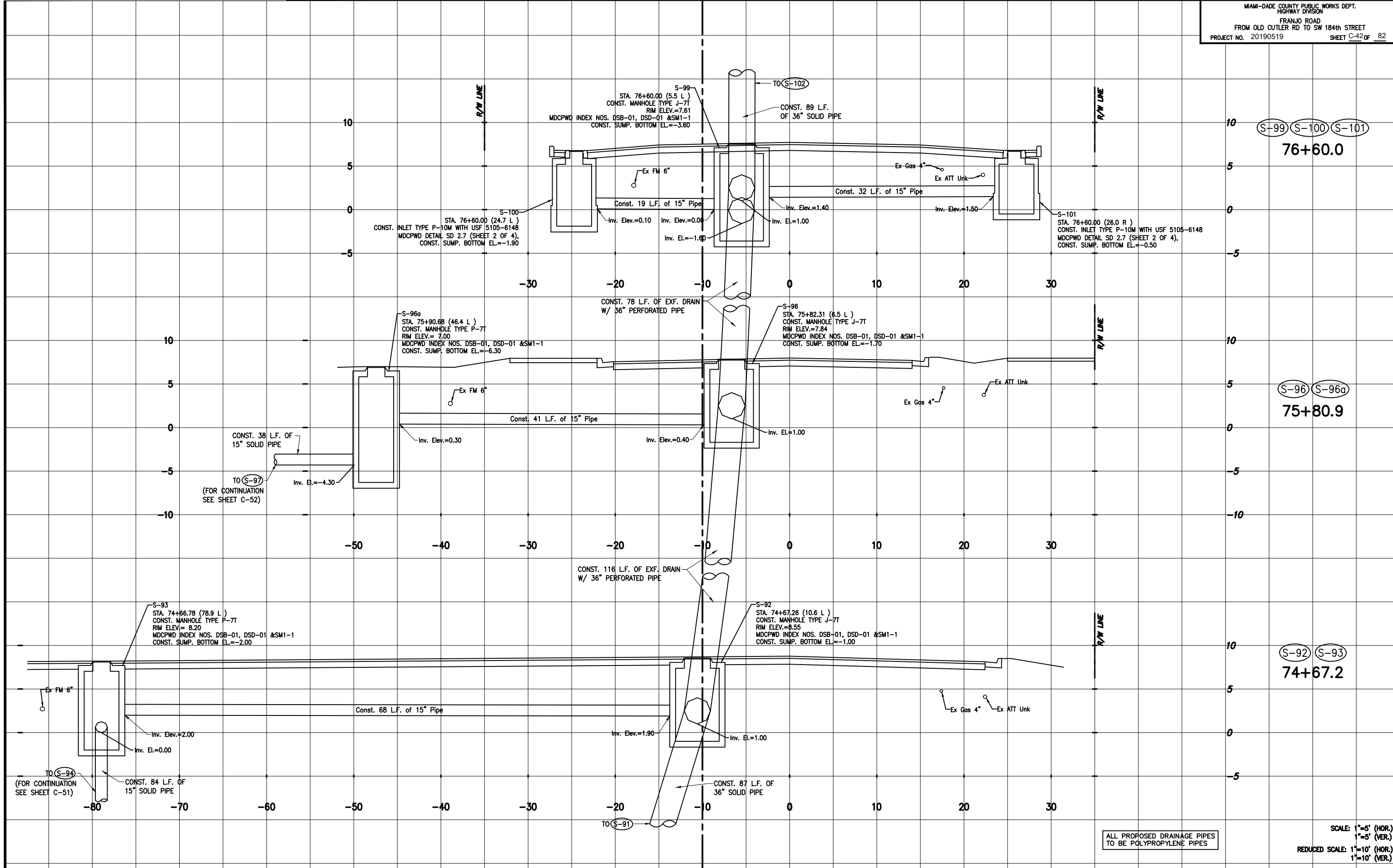
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MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK, CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

DRAINAGE
STRUCTURES

ITB #23-10
Fransjo Road Roadway Improvements Project
Page 392 of 608



ALL PROPOSED DRAINAGE PIPES
TO BE POLYPROPYLENE PIPES

SCALE: 1"=5' (HOR.)
1"=5' (VER.)
REDUCED SCALE: 1"=10' (HOR.)
1"=10' (VER.)

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

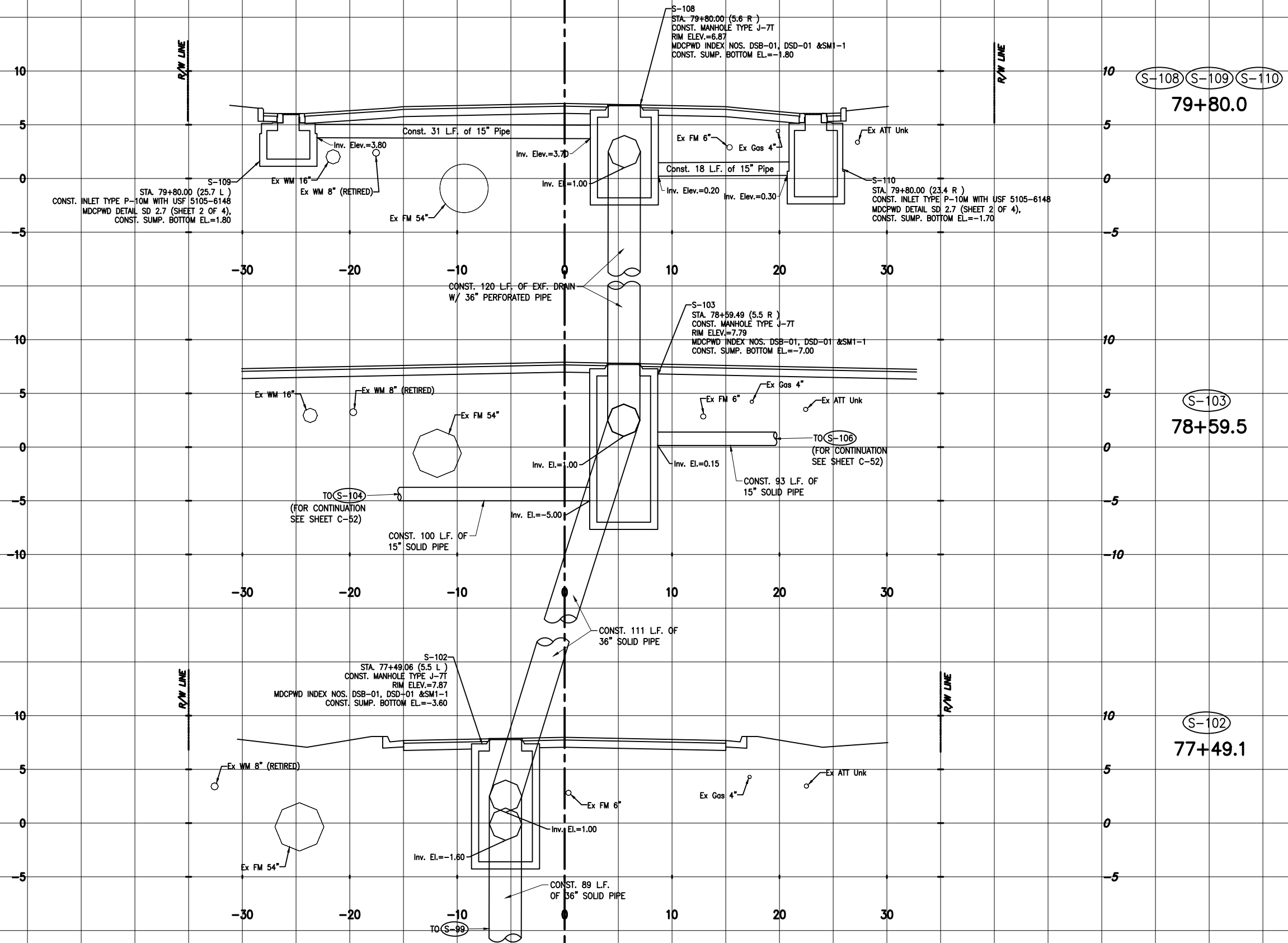


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SUPERVISED BY:					

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
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101 NW 1 ST
MIAMI, FLORIDA 33128

DRAINAGE STRUCTURES



ALL PROPOSED DRAINAGE PIPES
TO BE POLYPROPYLENE PIPES

SCALE: 1"=5' (HOR.)
1"=5' (VER.)
REDUCED SCALE: 1"=10' (HOR.)
1"=10' (VER.)

ITB #23-10
Frango Road Roadway Improvements Project
Page 393 of 608

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



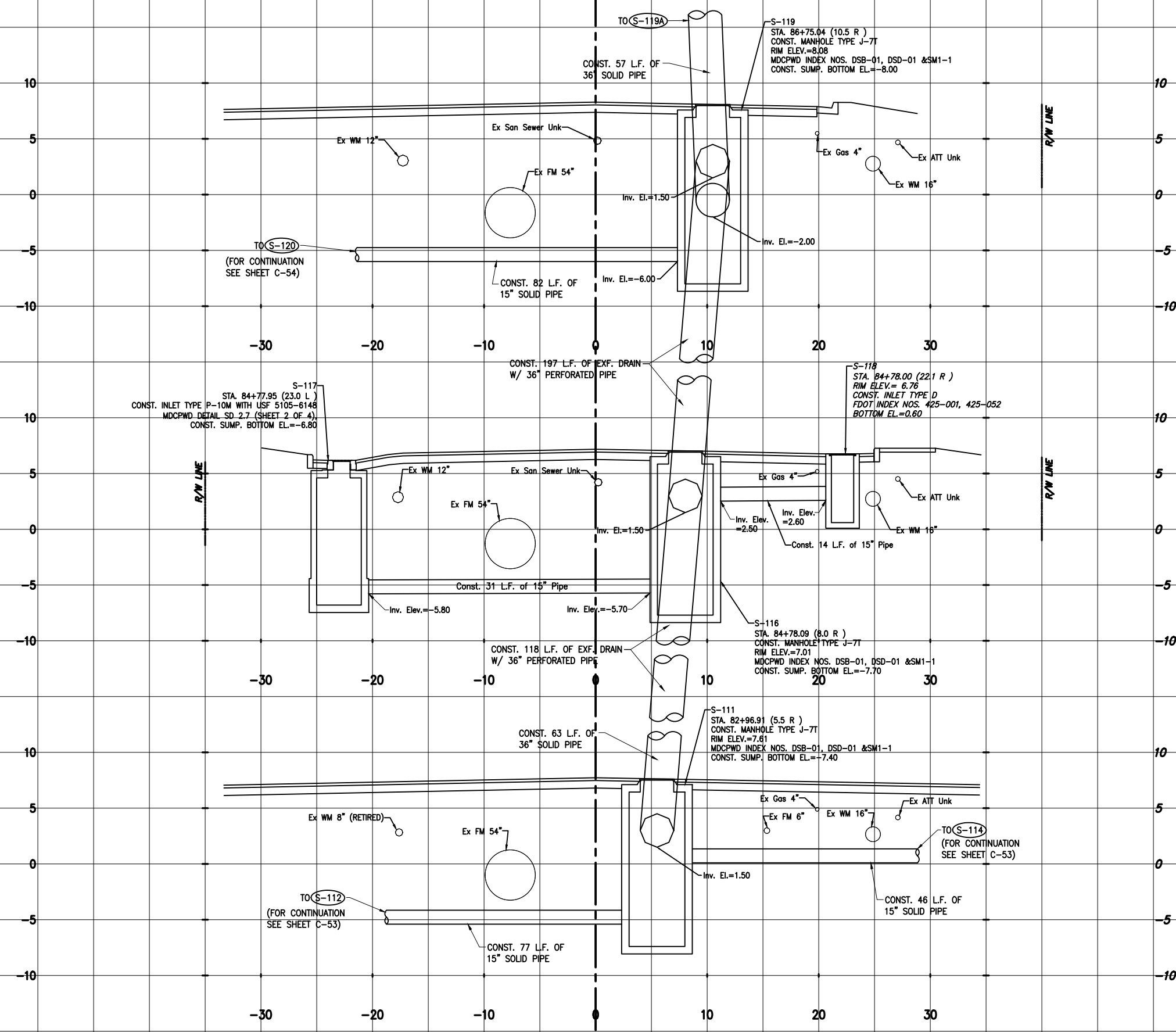
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SUPERVISED BY	CMH				



DRAINAGE
STRUCTURES

ITB #23-10
Fransjo Road Roadway Improvements Project
Page 394 of 608



S-119
86+75.0

S-116 S-117 S-118
84+78.0

S-111
82+96.9

ALL PROPOSED DRAINAGE PIPES
TO BE POLYPROPYLENE PIPES

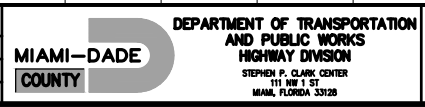
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1"=5' (VER.)
REDUCED SCALE: 1"=10' (HOR.)
1"=10' (VER.)

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

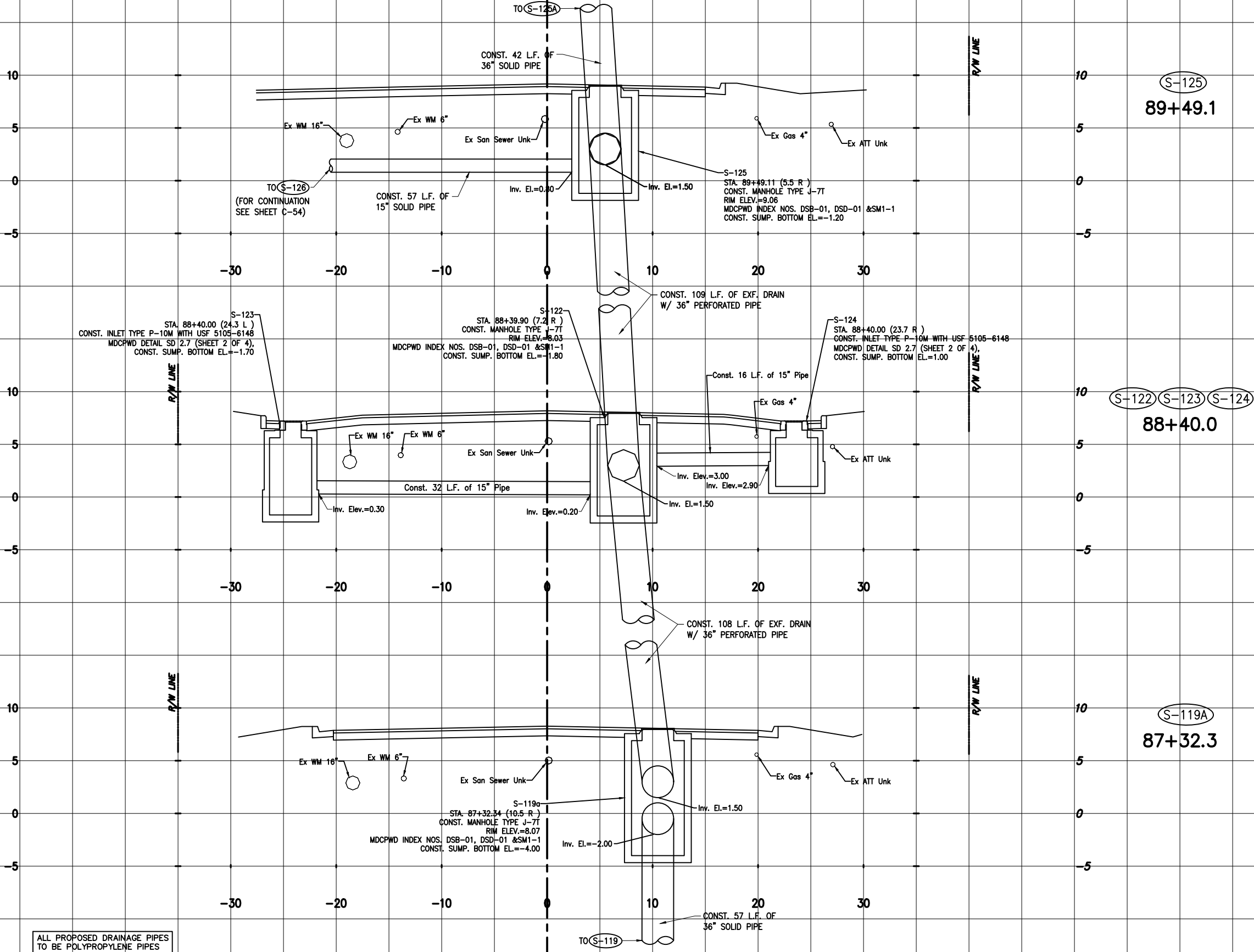


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SUPERVISED BY:					



DRAINAGE
STRUCTURES



ALL PROPOSED DRAINAGE PIPES
TO BE POLYPROPYLENE PIPES

SCALE: 1"=5' (HOR.)
1"=5' (VER.)
REDUCED SCALE: 1"=10' (HOR.)
1"=10' (VER.)

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

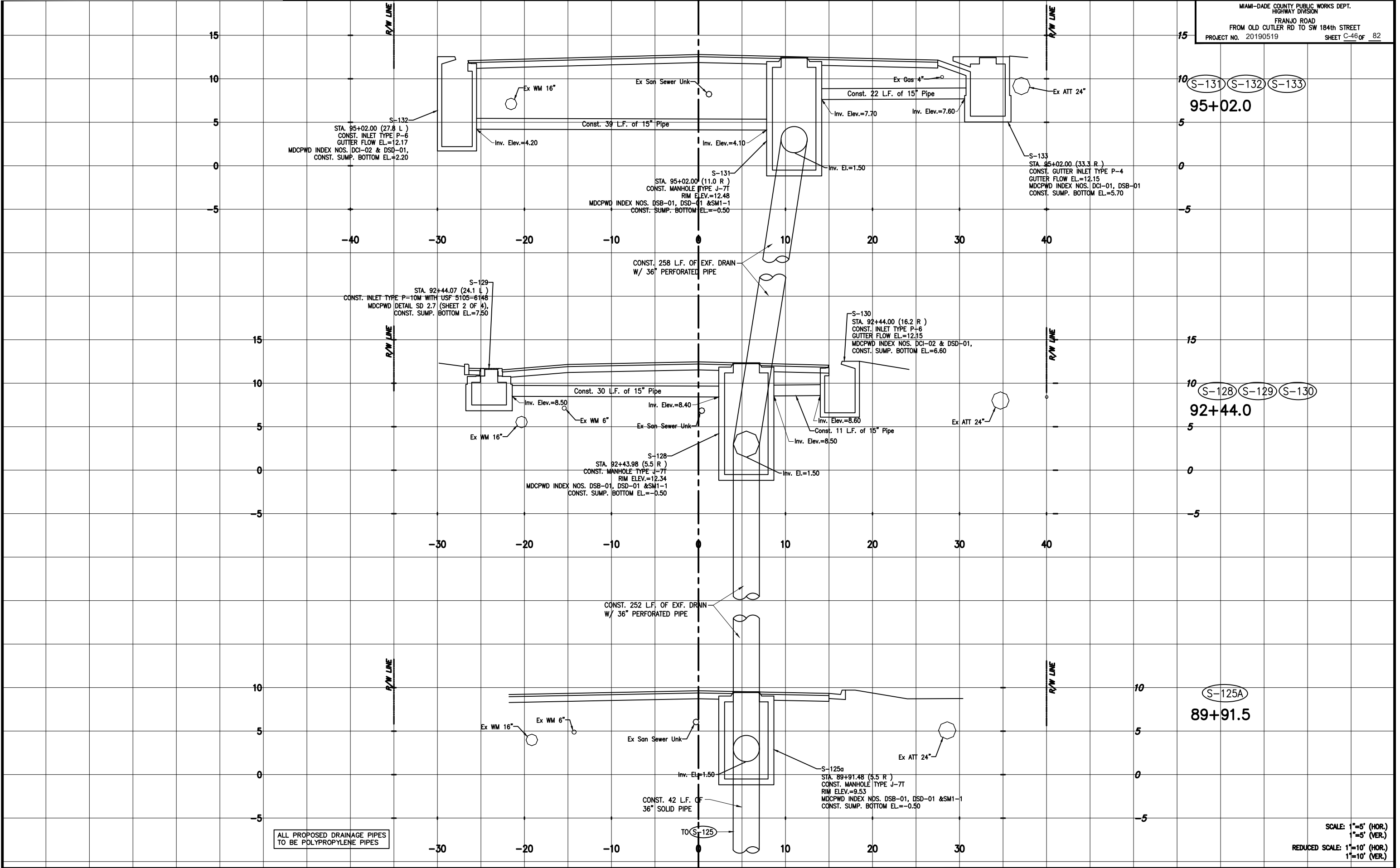


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DRAINAGE
STRUCTURES



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

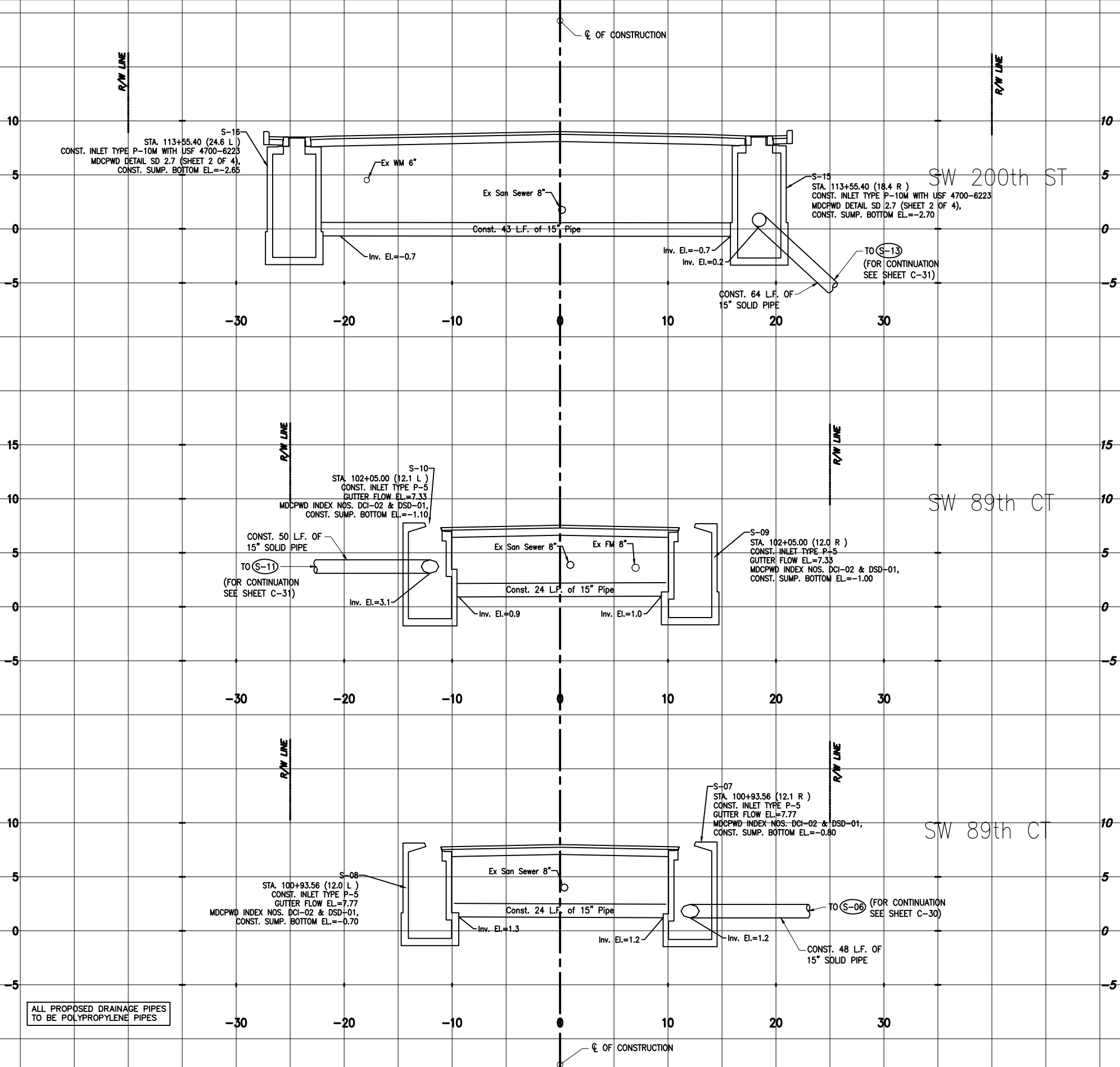
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SUPERVISED BY:					

MIAMI-DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK, CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

DRAINAGE STRUCTURES



S-15 S-16
113+55.4

S-09 S-10
102+05.0

S-07 S-08
100+93.6

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

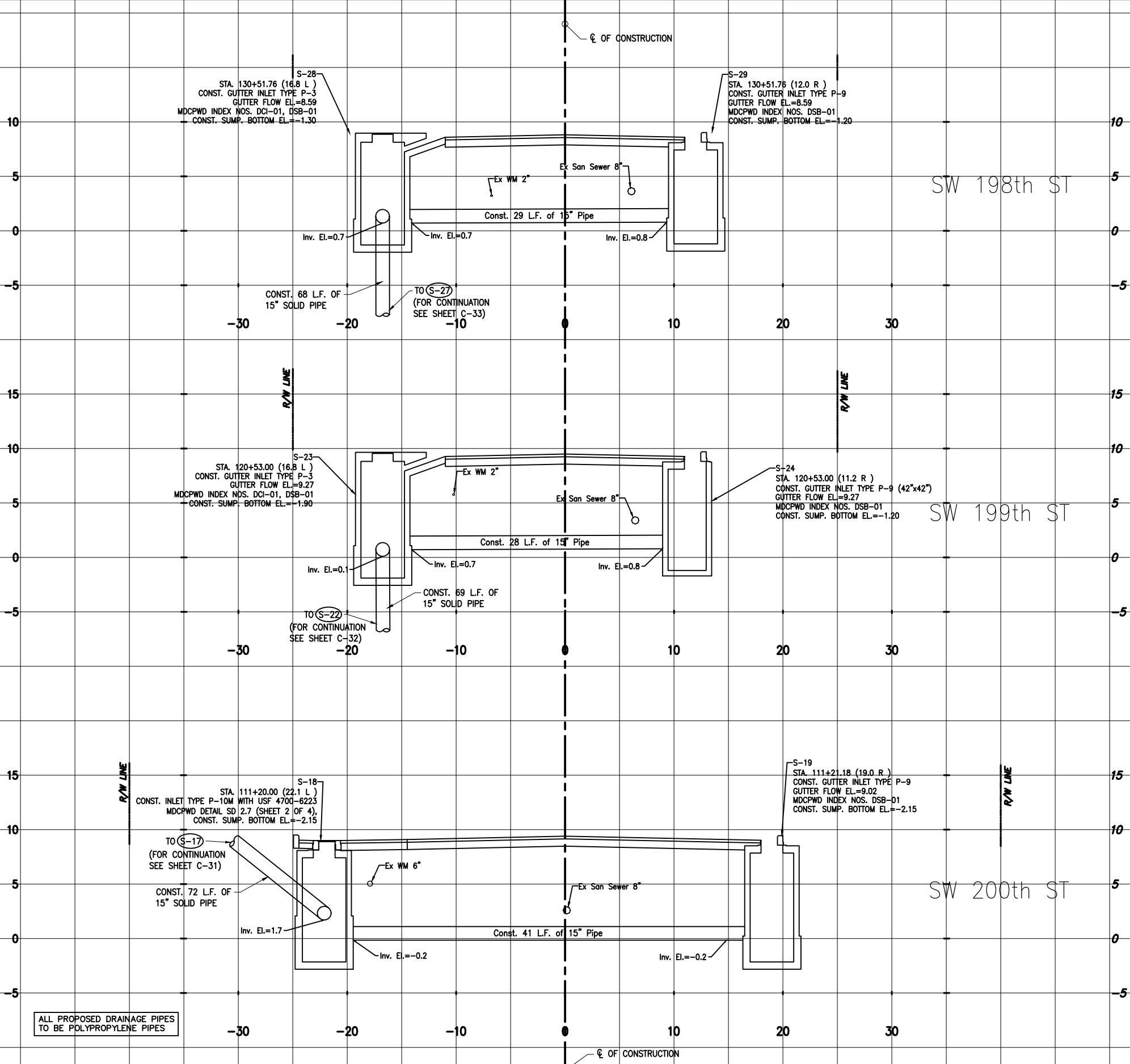


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CHECKED BY	NAME	DATE	CHECKED BY	NAME	DATE
	CMH			CMH	
SUPERVISED BY:					



DRAINAGE
STRUCTURES



S-28 S-29
130+51.8

S-23 S-24
120+53.0

S-18 S-19
111+20.6

SCALE: 1"=5' (HOR.)
1"=5' (VER.)
REDUCED SCALE: 1"=10' (HOR.)
1"=10' (VER.)

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

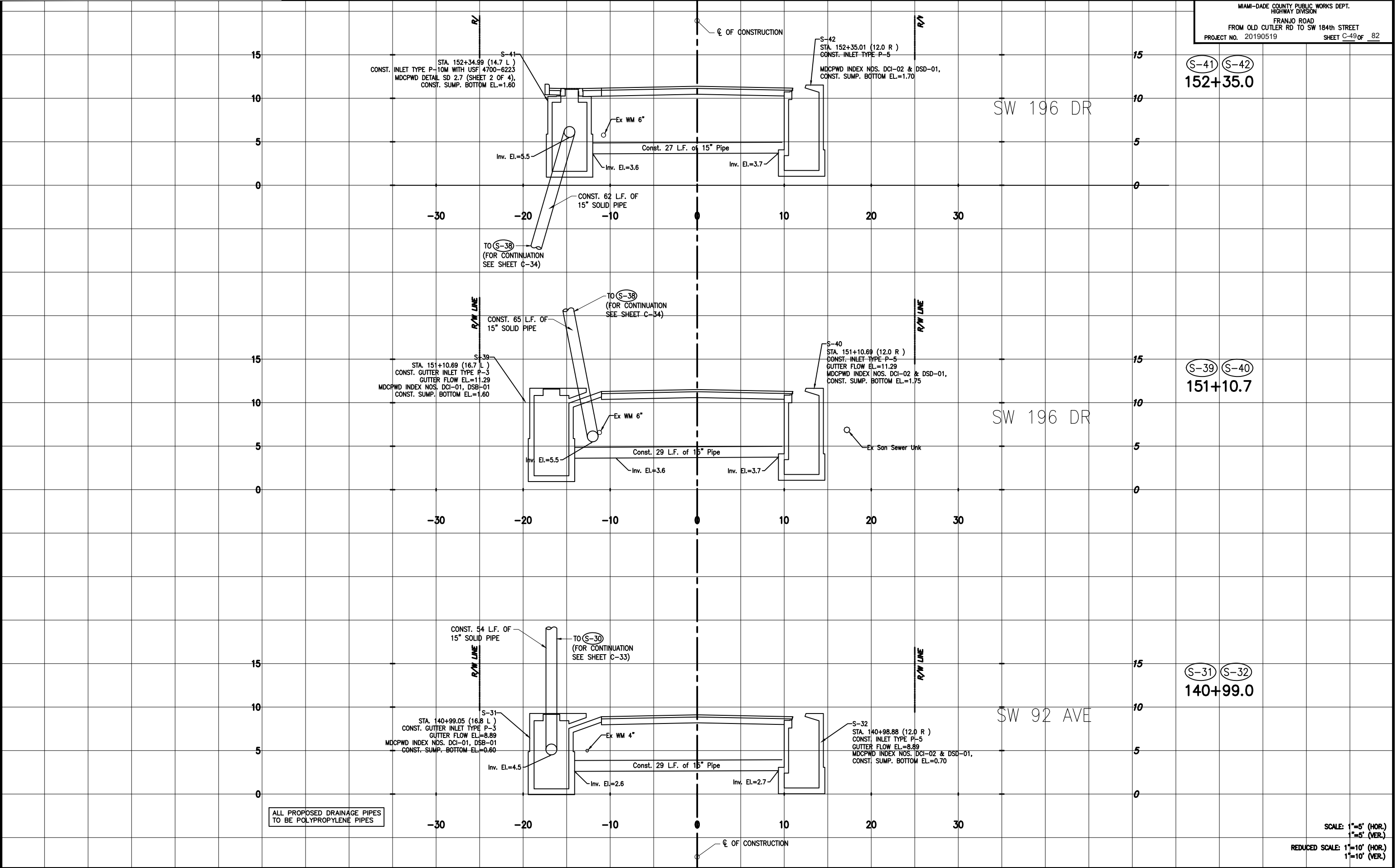


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DRAINAGE
STRUCTURES



MIAMI-DADE COUNTY PUBLIC WORKS DEPT.
HIGHWAY DIVISION
FRANJO ROAD
FROM OLD CUTLER RD TO SW 184th STREET
PROJECT NO. 20190519 SHEET C-49 of 82

S-41 S-42
152+35.0

S-39 S-40
151+10.7

S-31 S-32
140+99.0

SCALE: 1"=5' (HOR.)
1"=5' (VER.)
REDUCED SCALE: 1"=10' (HOR.)
1"=10' (VER.)

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

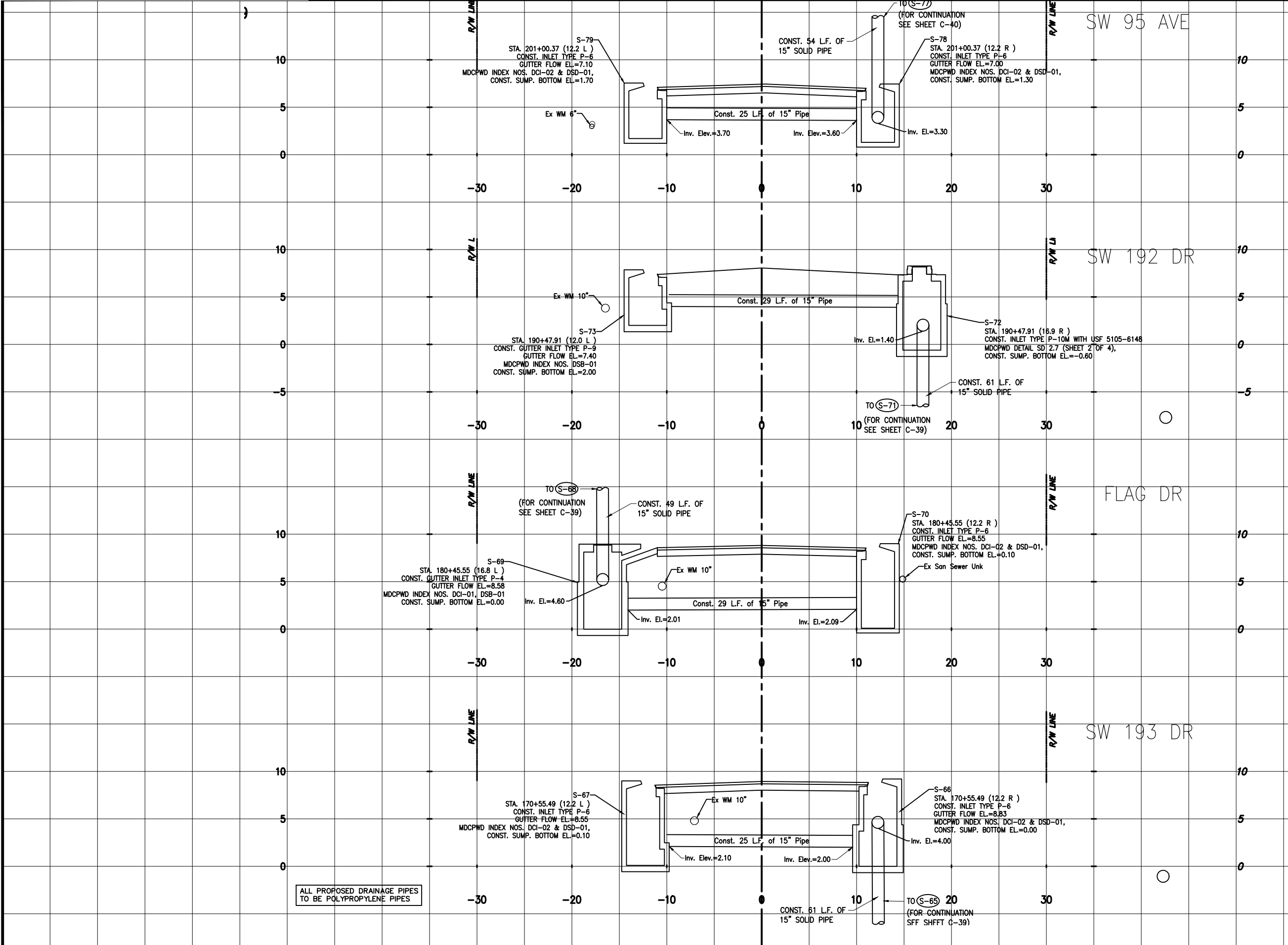


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CHECKED BY	CMH		CMH		
SUPERVISED BY:					



DRAINAGE
STRUCTURES



ALL PROPOSED DRAINAGE PIPES
TO BE POLYPROPYLENE PIPES

SCALE: 1"=5' (HOR.)
1"=5' (VER.)
REDUCED SCALE: 1"=10' (HOR.)
1"=10' (VER.)

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

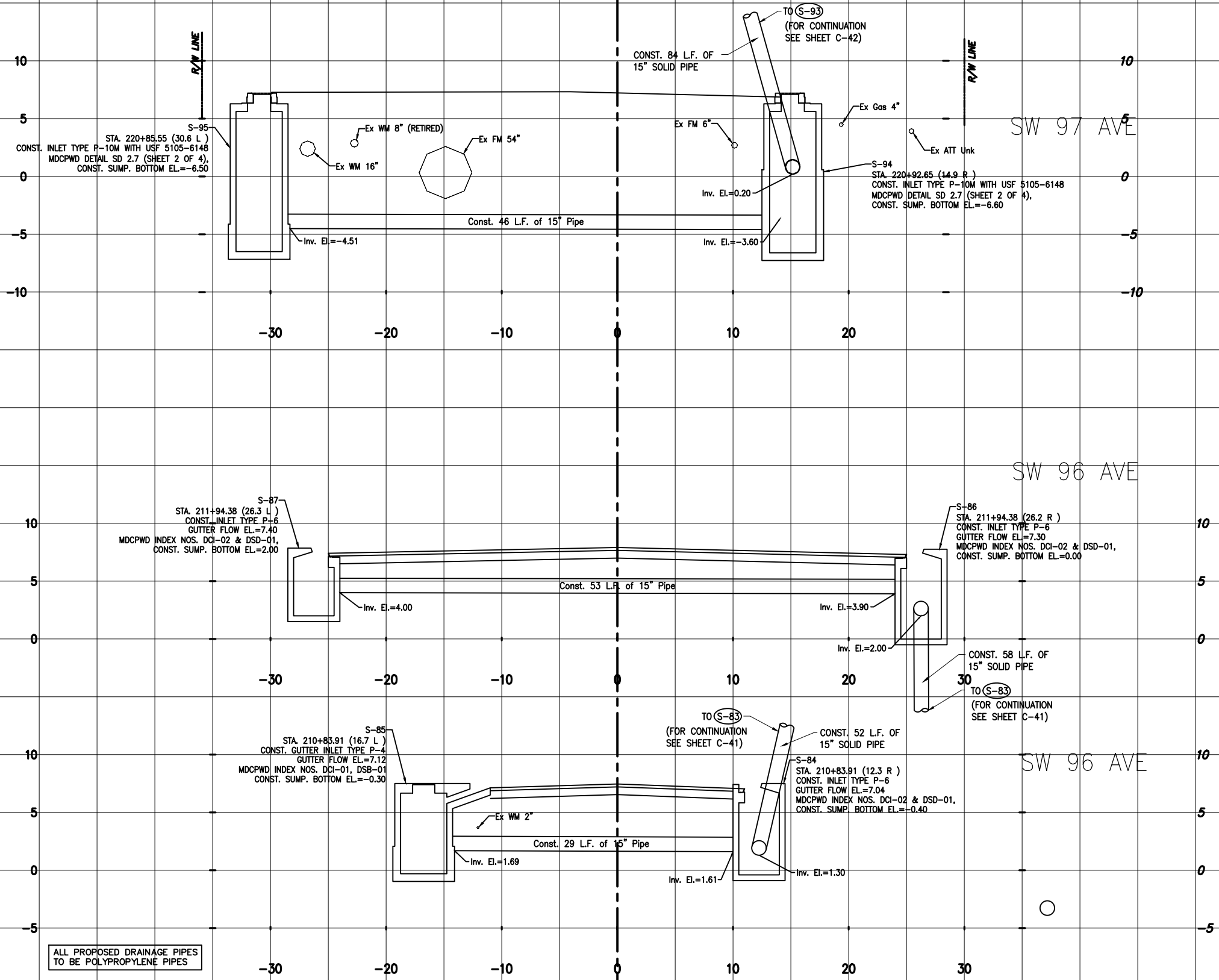


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SUPERVISED BY:					



DRAINAGE
STRUCTURES



SCALE: 1"=5' (HOR.)
1"=5' (VER.)
REDUCED SCALE: 1"=10' (HOR.)
1"=10' (VER.)

REVISIONS

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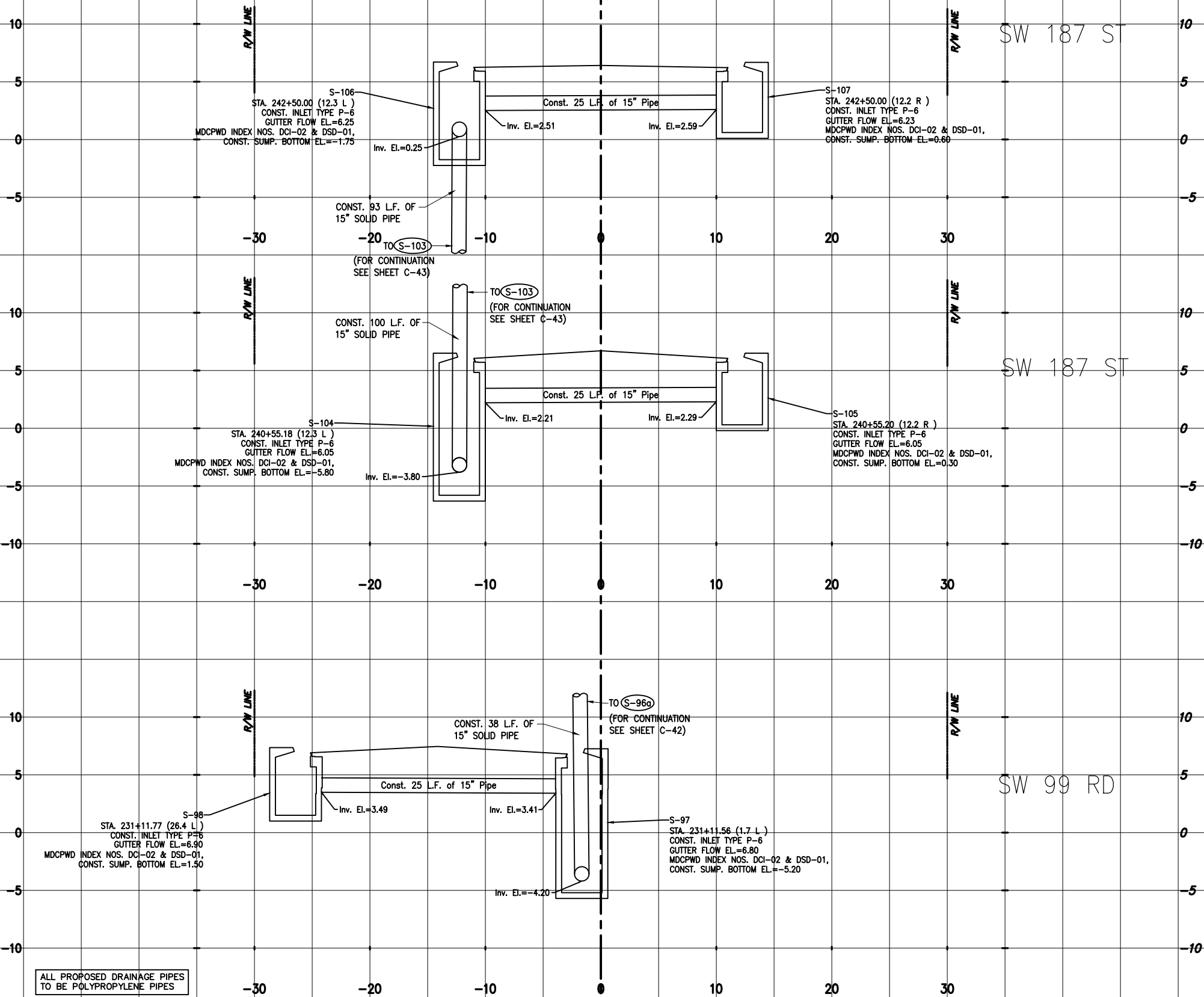
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MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK, CENTER
101 NW 1 ST
MIAMI, FLORIDA 33128

DRAINAGE
STRUCTURES

ITB #23-10
Frango Road Roadway Improvements Project
Page 402 of 608



SCALE: 1"=5' (HOR.)
1"=5' (VER.)
REDUCED SCALE: 1"=10' (HOR.)
1"=10' (VER.)

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



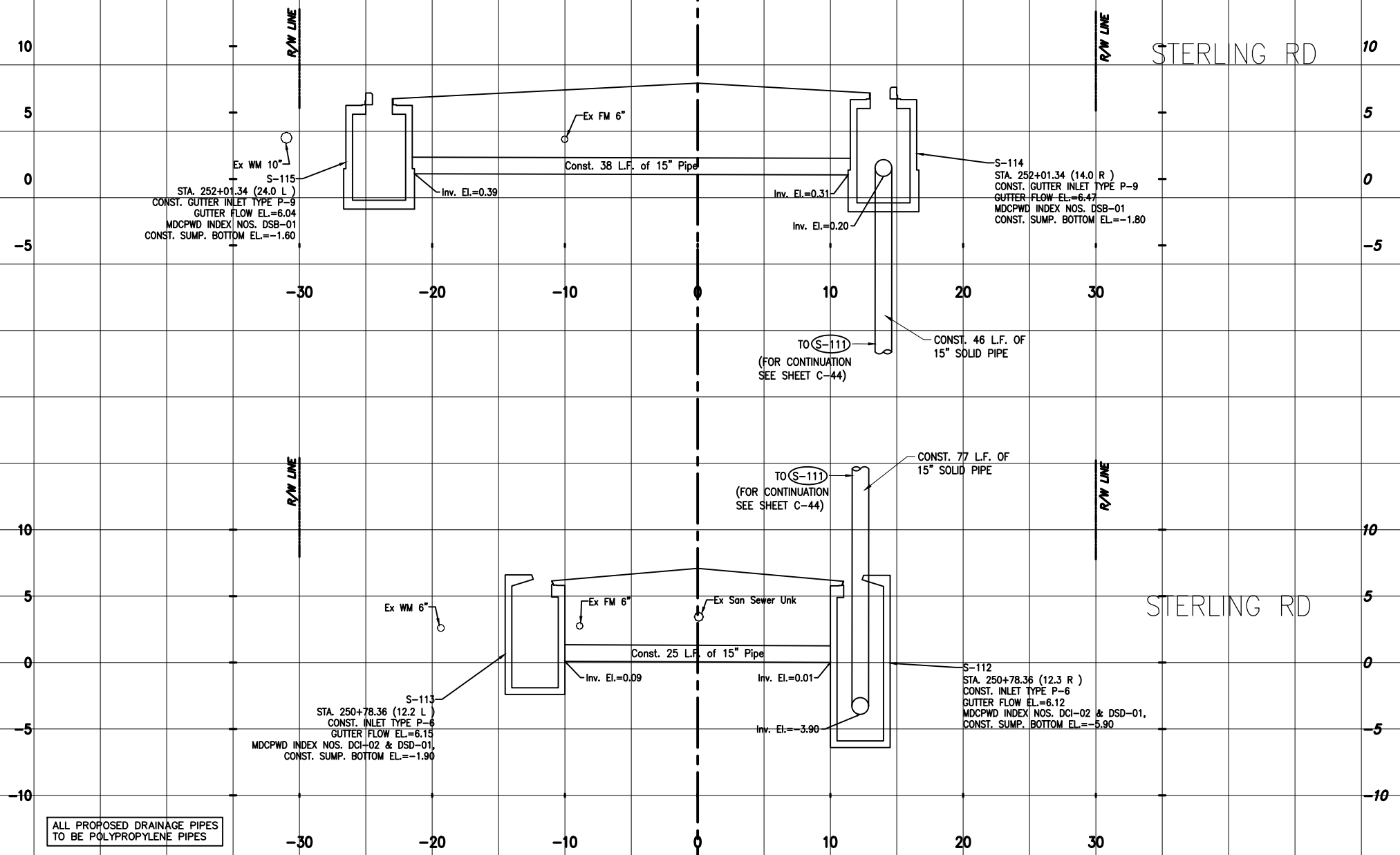
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MIAMI-DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK, CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

DRAINAGE
STRUCTURES



SCALE: 1"=5' (HOR.)
1"=5' (VER.)
REDUCED SCALE: 1"=10' (HOR.)
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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

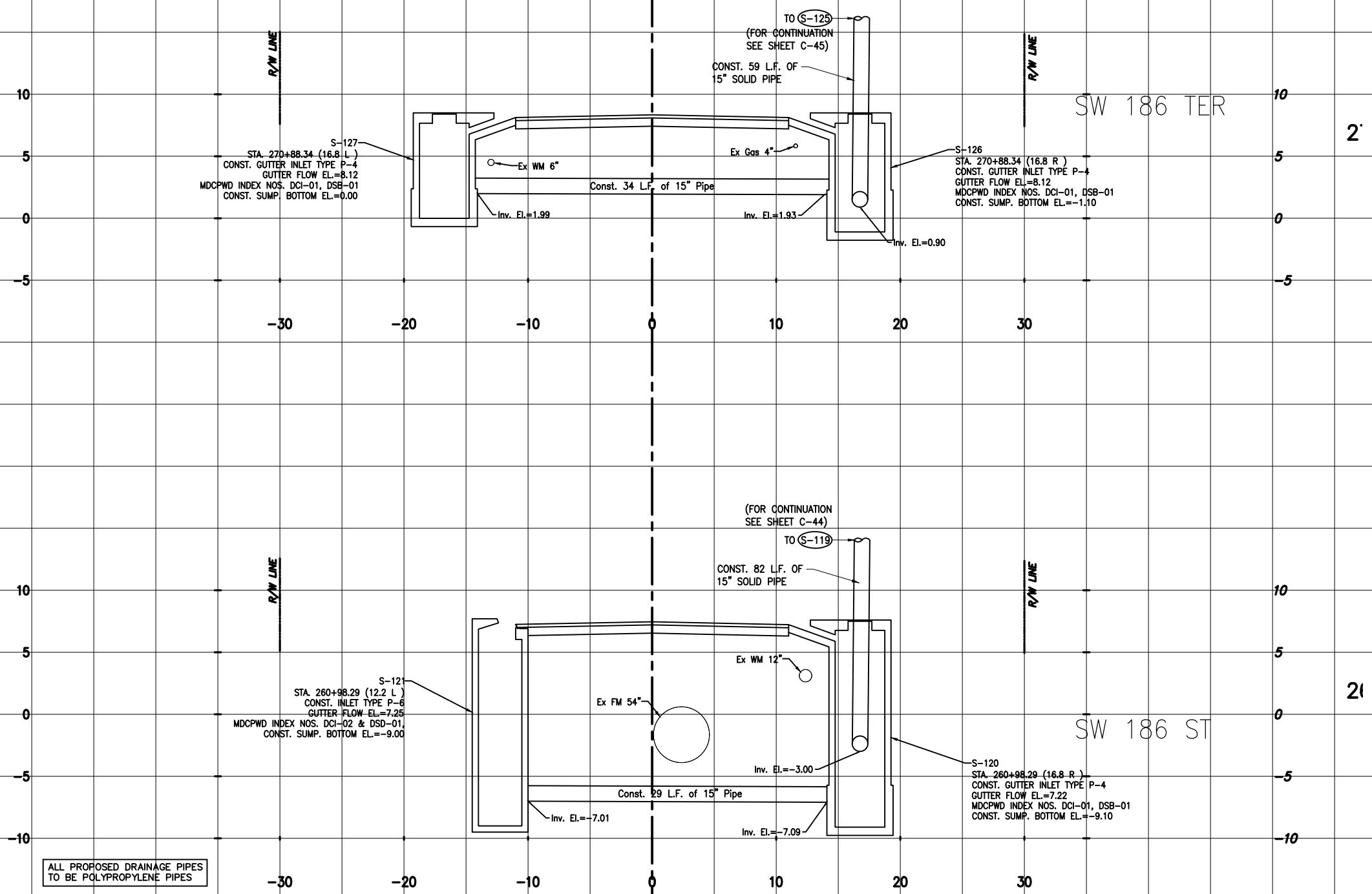


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MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK, CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

DRAINAGE STRUCTURES



ALL PROPOSED DRAINAGE PIPES
TO BE POLYPROPYLENE PIPES

SCALE: 1"=5' (HOR.)
1"=5' (VER.)
REDUCED SCALE: 1"=10' (HOR.)
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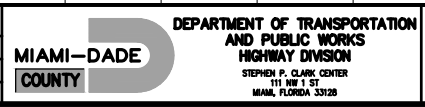
ITB #23-10
Franjo Road Roadway Improvements Project
Page 404 of 608

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

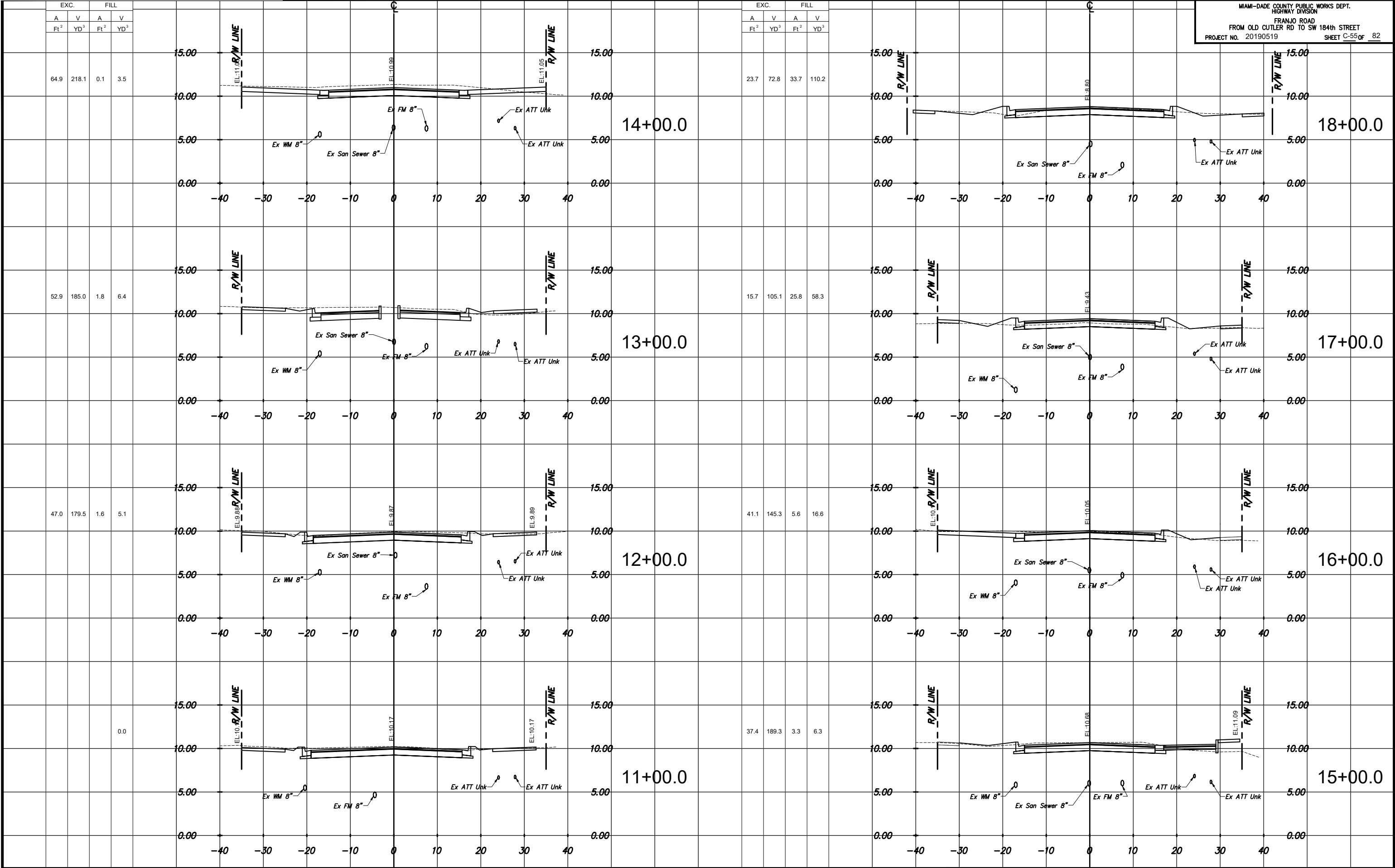


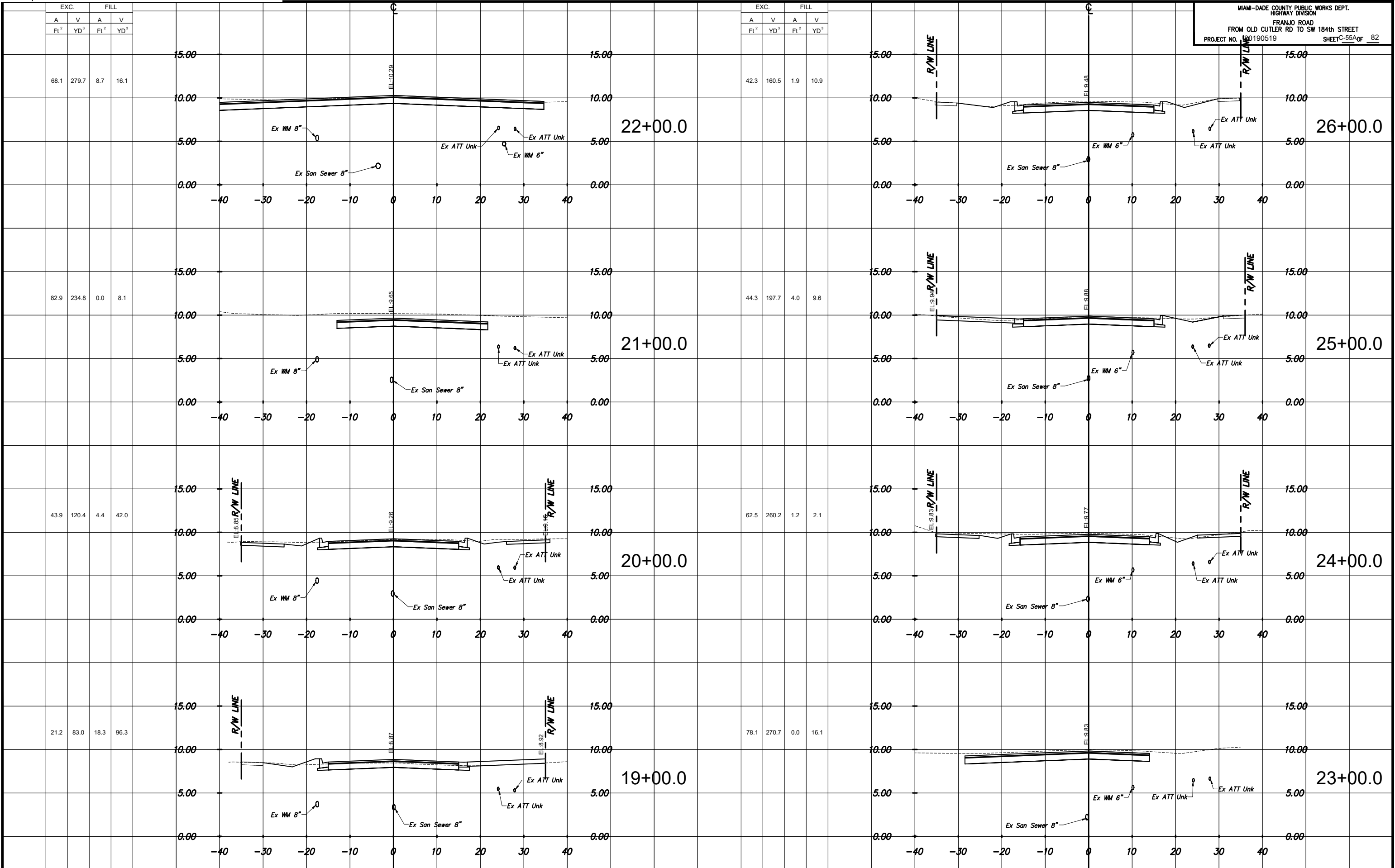
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SUPERVISED BY:					



DRAINAGE
STRUCTURES





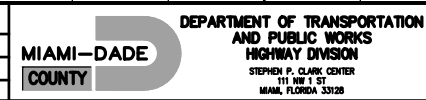
MIAMI-DADE COUNTY PUBLIC WORKS DEPT.
HIGHWAY DIVISION
FRANJO ROAD
FROM OLD CUTLER RD TO SW 184th STREET
PROJECT NO. 190190519
SHEET C-55A of 82

REVISIONS											
DATE	BY	DESCRIPTION				DATE	BY	DESCRIPTION			

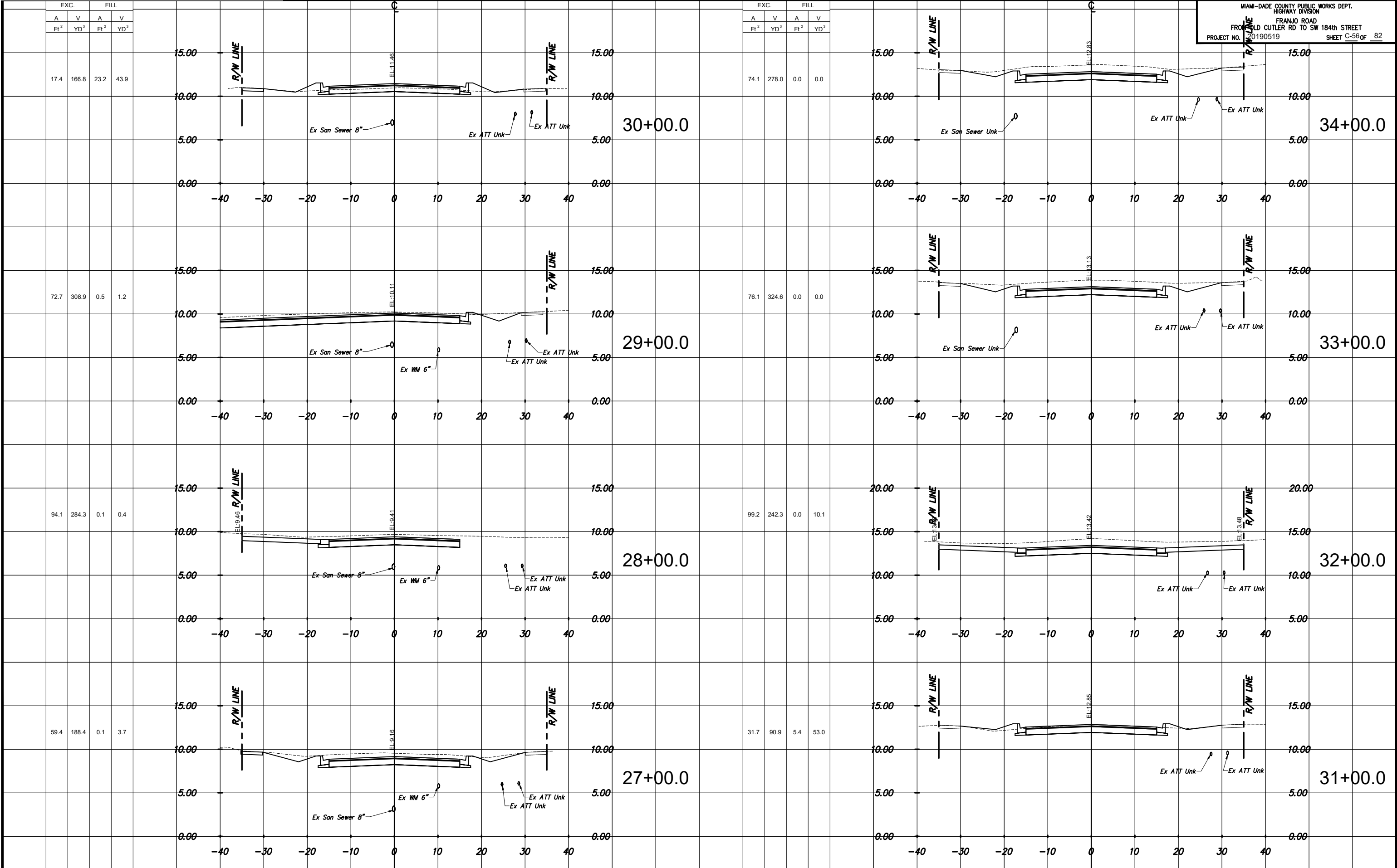


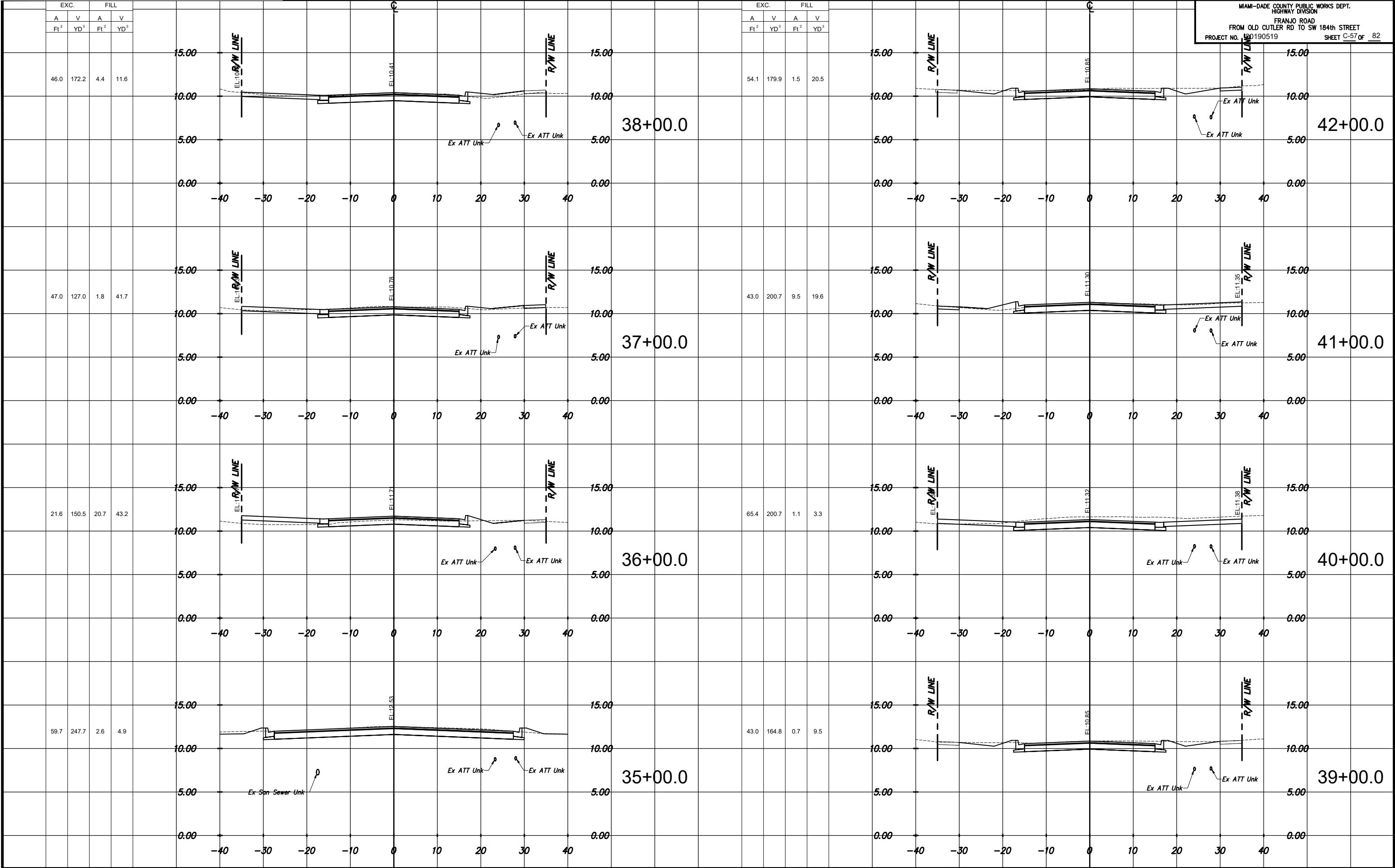
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

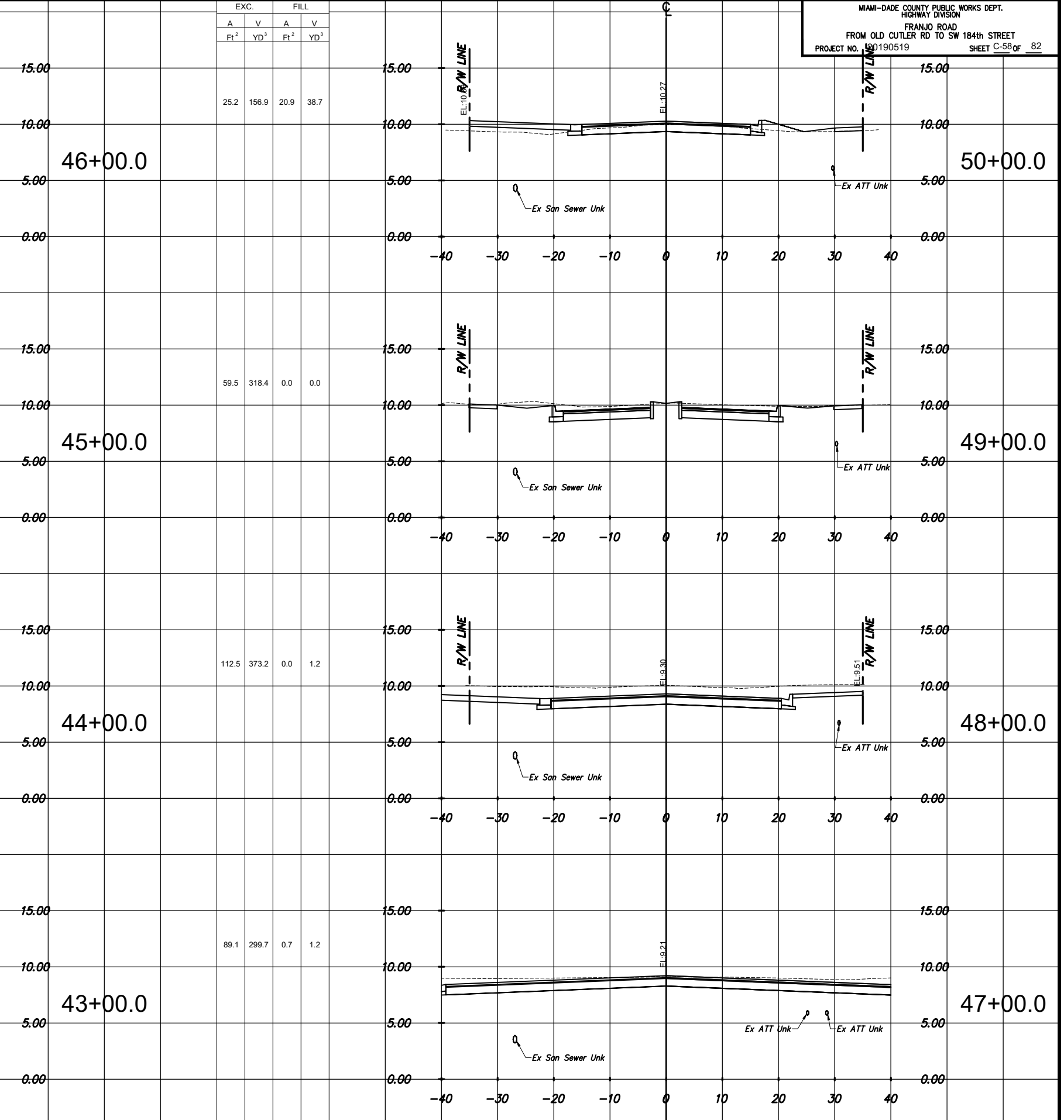
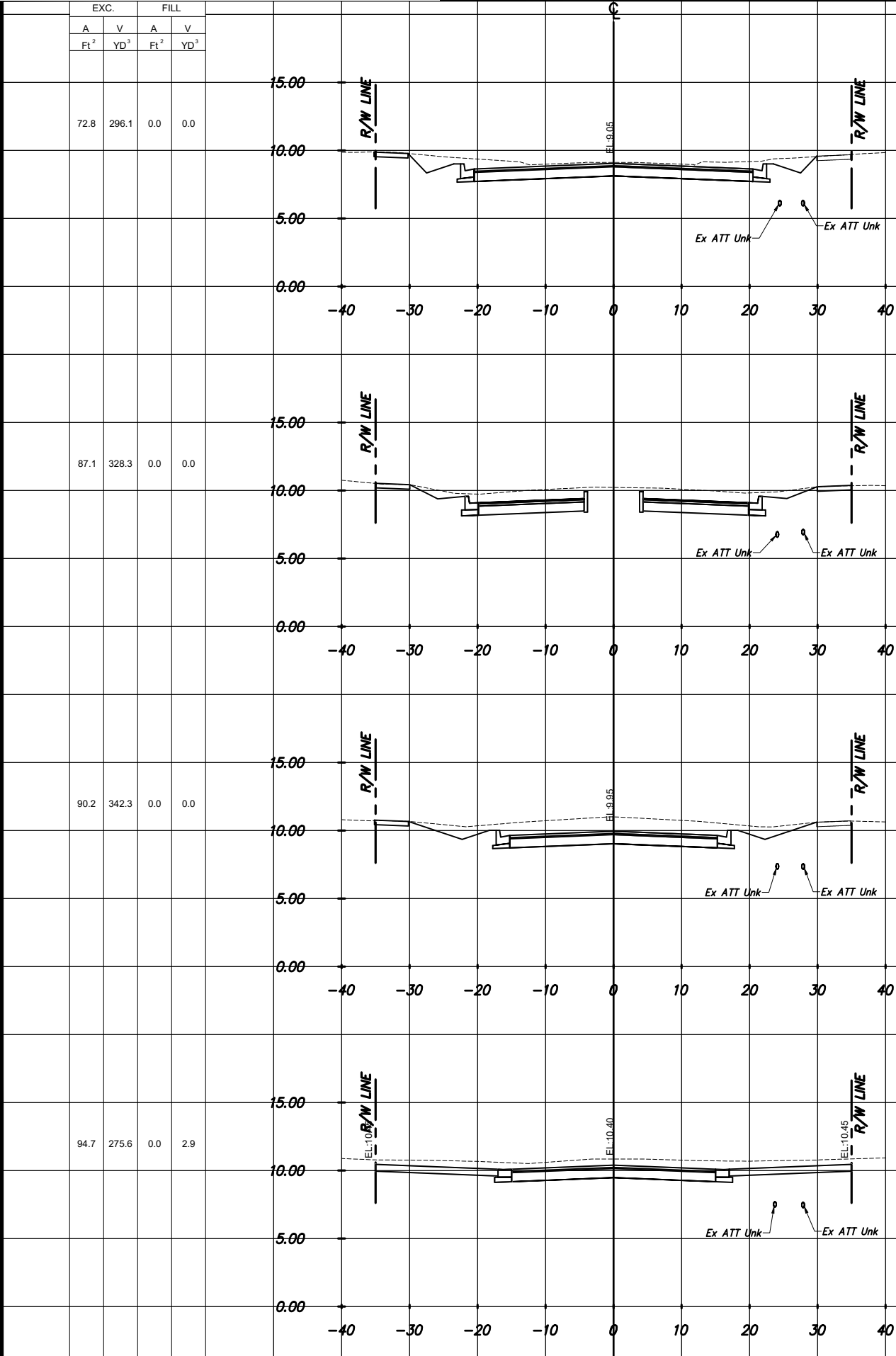
DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CHEKED BY	CMH	04/11/2021	CHEKED BY	RM	04/11/2021
SUPERVISED BY:					



CROSS SECTIONS







MIAMI-DADE COUNTY PUBLIC WORKS DEPT.
HIGHWAY DIVISION
FRANJO ROAD
FROM OLD CUTLER RD TO SW 184th STREET
PROJECT NO. 190190519 SHEET C-58 of 82

REVISIONS								
DATE	BY	DESCRIPTION			DATE	BY	DESCRIPTION	

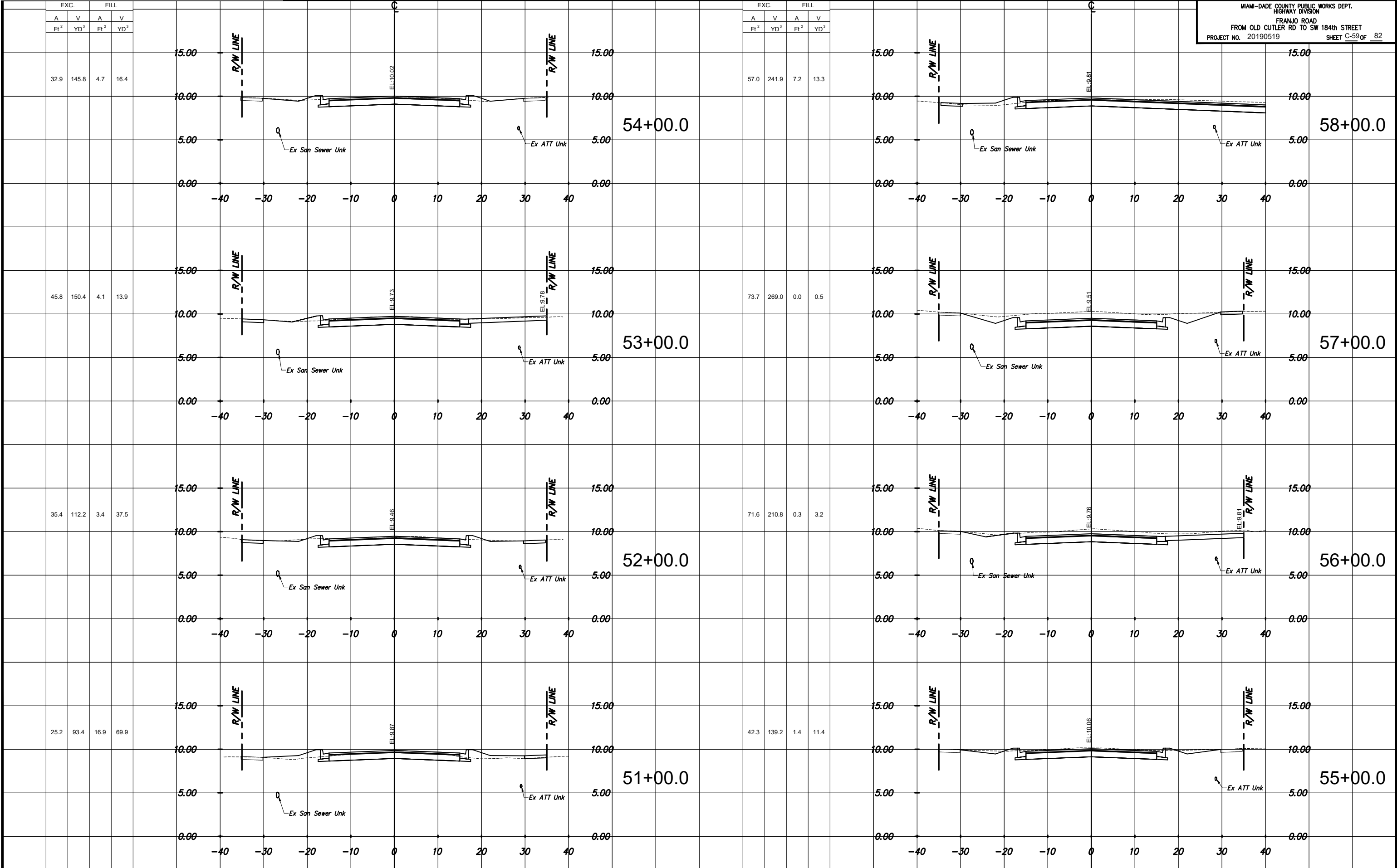


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DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CHEKED BY	CMH	04/11/2021	CHEKED BY	CMH	04/11/2021
SUPERVISED BY:					



CROSS SECTIONS



MIAMI-DADE COUNTY PUBLIC WORKS DEPT.
HIGHWAY DIVISION
FRANJO ROAD
FROM OLD CUTLER RD TO SW 184th STREET
PROJECT NO. 20190519 SHEET C-59 of 82

REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



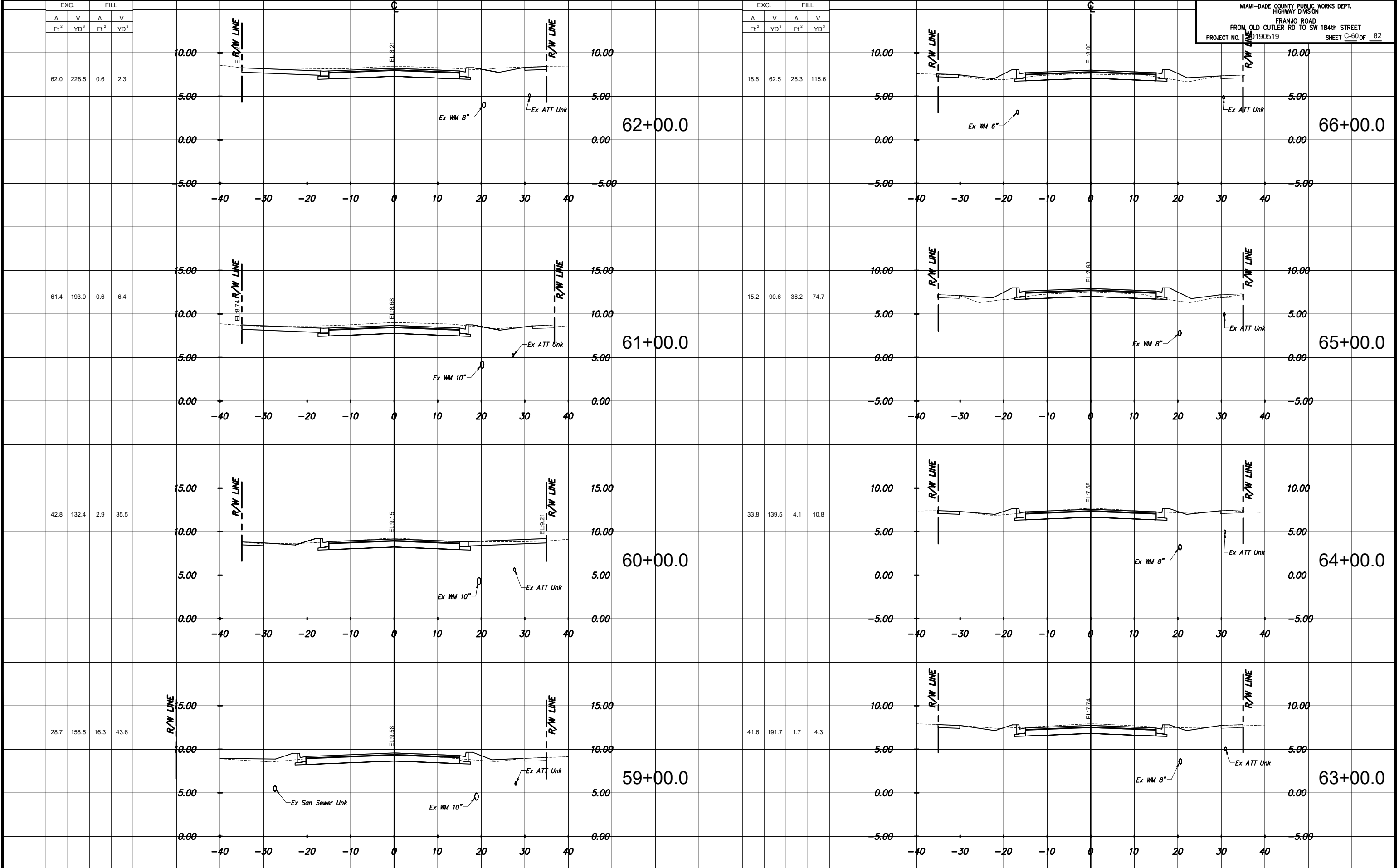
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

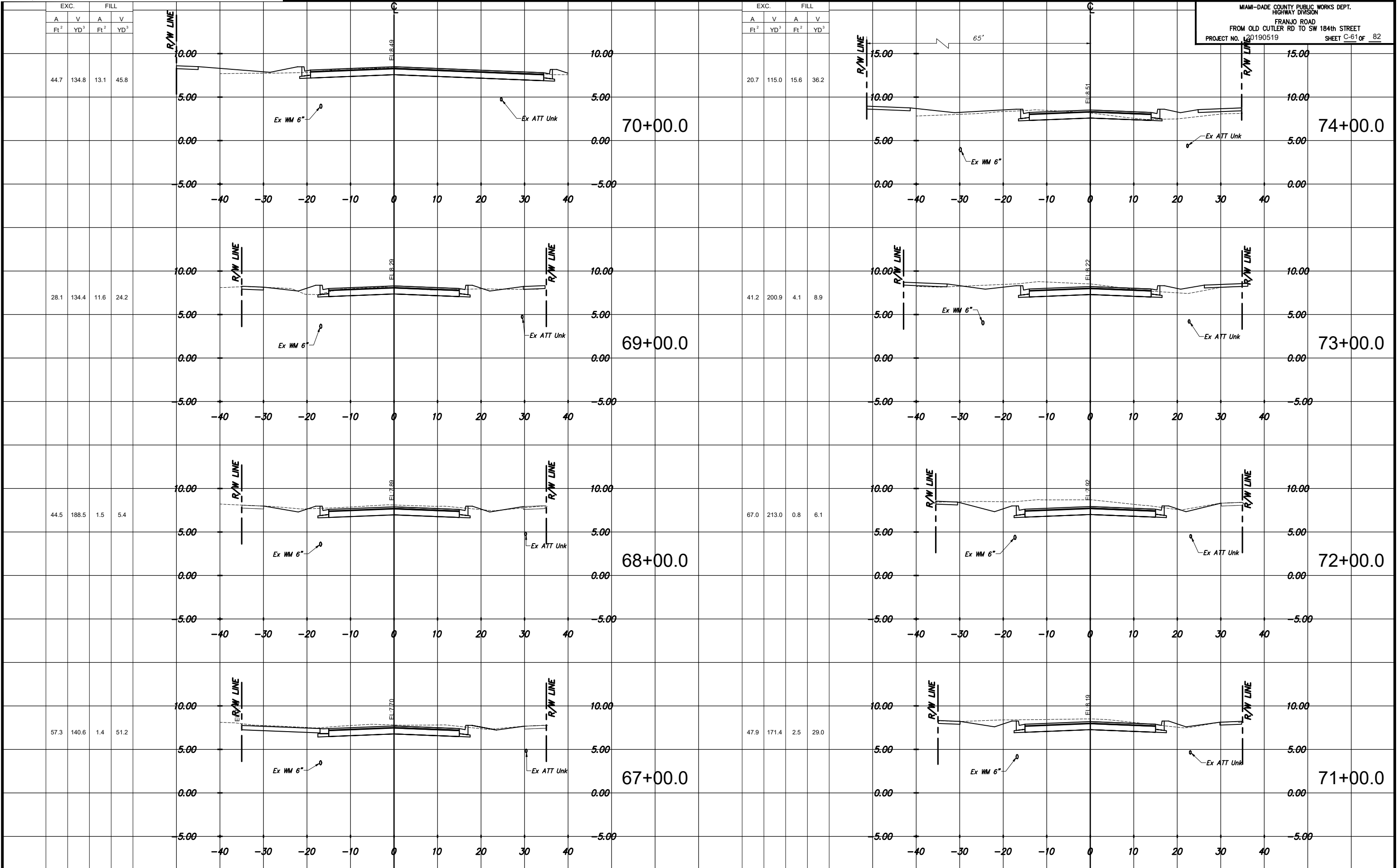
DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CHECKED BY	CMH	04/11/2021	CHECKED BY	RM	04/11/2021
SUPERVISED BY:					

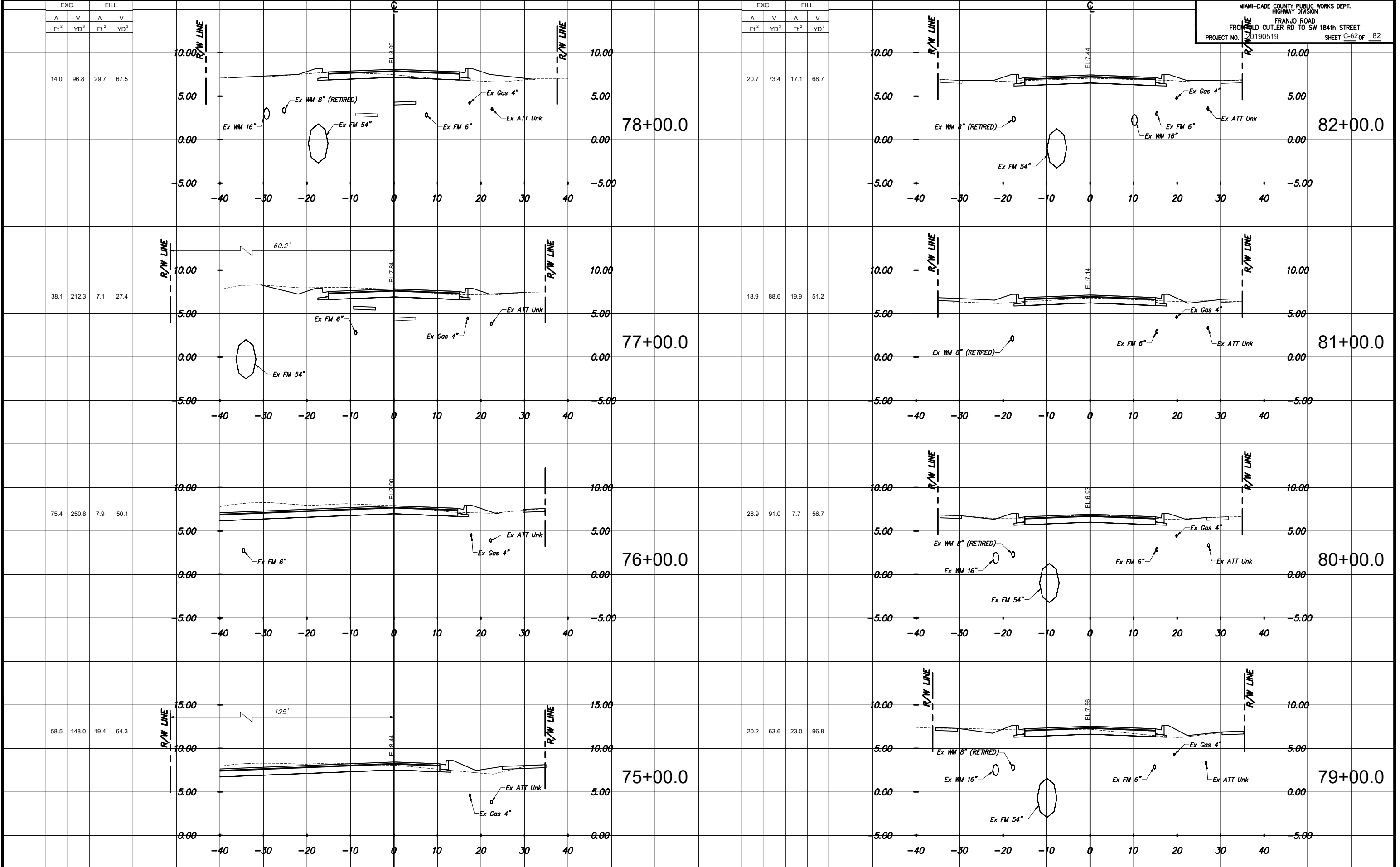
MIAMI-DADE COUNTY

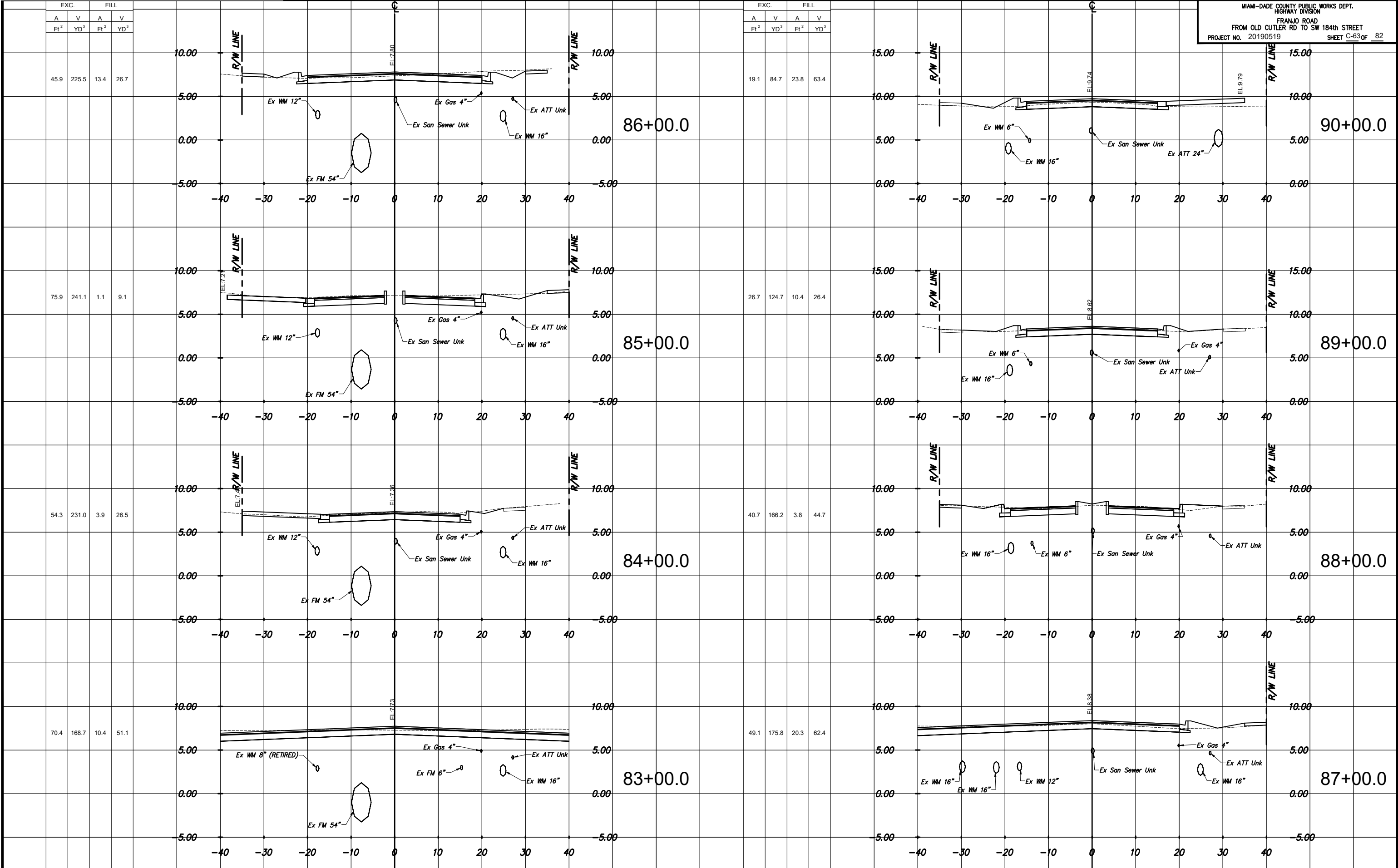
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

CROSS SECTIONS









REVISIONS								
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

101 Ponce de Leon Blvd, Suite 700
Coral Gables, Florida 33134
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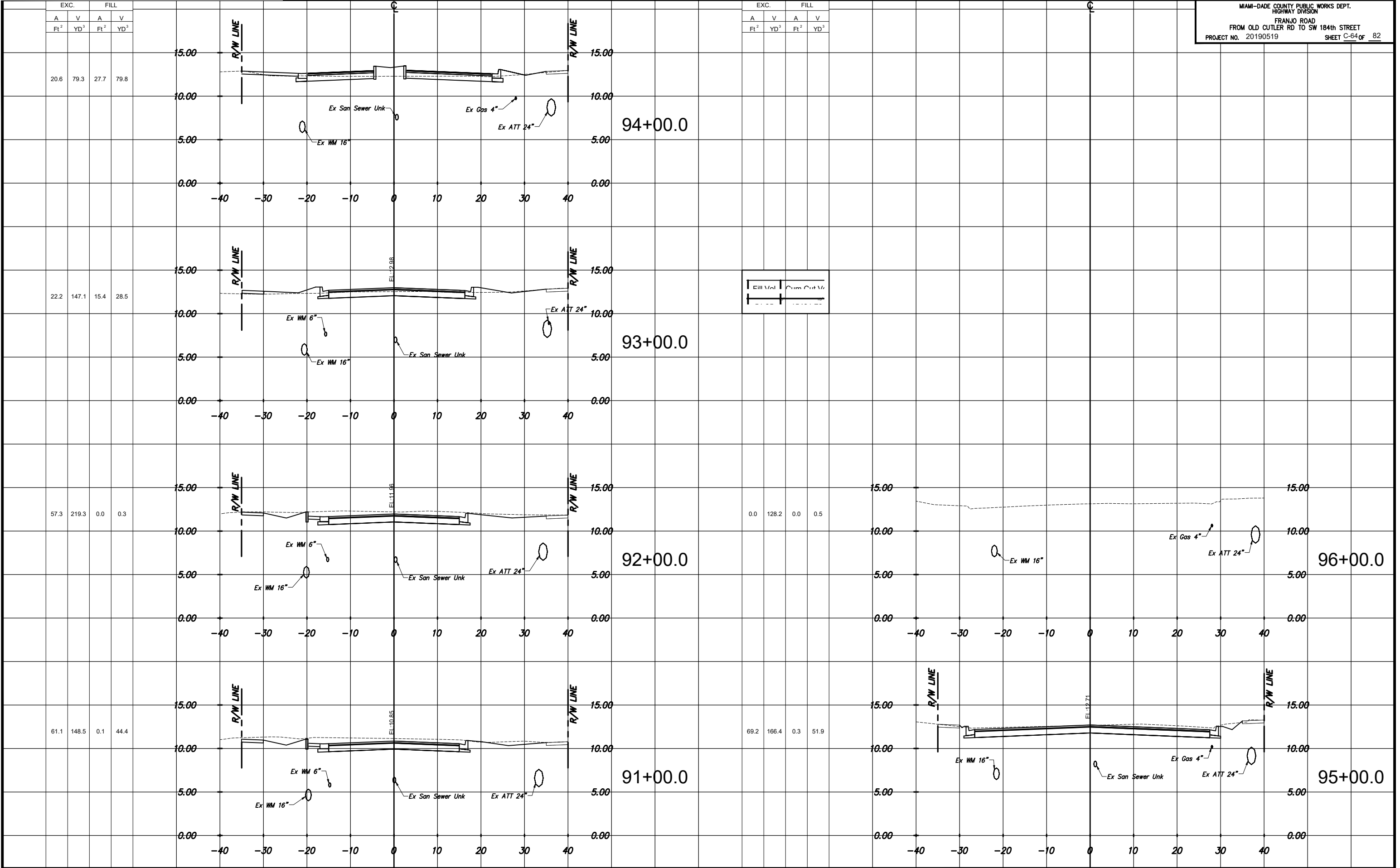
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CHECKED BY	CMH	04/11/2021	CHECKED BY	RM	04/11/2021
SUPERVISED BY:					

MIAMI-DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

CROSS SECTIONS



REVISIONS								
DATE	BY	DESCRIPTION			DATE	BY	DESCRIPTION	



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DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CHECKED BY	CMH	04/11/2021	RM	04/11/2021	
CHECKED BY	CMH		CHECKED BY	CMH	
SUPERVISED BY:					

MIAMI-DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

CROSS SECTIONS

NOTES

1. ALL SIGNING AND PAVEMENT MARKINGS SHALL CONFORM WITH THE CURRENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND THE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS.
2. ALL EXISTING SIGNS ARE TO REMAIN UNLESS OTHERWISE SPECIFIED. BEFORE STARTING THE PROJECT, THE CONTRACTOR WILL REVIEW EXISTING SIGNS SHOWN ON THE PLANS TO BE RELOCATED OR TO REMAIN. THE CONTRACTOR WILL NOTIFY IN WRITING TO THE PROJECT ENGINEER OF ANY MISSING SIGNS BEFORE CONSTRUCTION STARTS. SIGNS DAMAGED BY THE CONTRACTOR'S OPERATIONS WILL BE REPLACED AT NO COST TO THE DEPARTMENT. IF EXISTING SIGNS TO BE RELOCATED HAVE A DAMAGED POLE OR A POLE NOT MEETING HEIGHT SPECIFICATION REQUIREMENTS, THE COST OF A NEW POLE WILL BE INCLUDED IN THE RELOCATION BID ITEM.
3. ALL PAVEMENT MARKINGS, MESSAGES, AND ARROWS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
4. REFLECTIVE PAVEMENT MARKERS ARE TO BE PLACED ALONG THE ENTIRE LENGTH OF THE PROJECT.
5. MATCH EXISTING PAVEMENT MARKINGS AT THE BEGINNING AND AT THE END OF THE PROJECT AND AT ALL SIDE STREETS WITHOUT JOGS OR OFFSETS.
6. THE CONTRACTOR SHALL REMOVE EXISTING MARKINGS BY FDOT APPROVED METHOD WITHOUT DAMAGE TO THE FRICTION COURSE.
7. SIGN ASSEMBLY LOCATIONS SHOWN ON PLANS WHICH ARE IN CONFLICT WITH LIGHTING, UTILITIES, DRIVEWAYS, WHEELCHAIR RAMPS, ETC. MAY BE ADJUSTED SLIGHTLY AS DIRECTED BY THE ENGINEER. EXTREME LOCATION CHANGES MUST BE APPROVED BY MIAMI-DADE SIGNALS AND SIGNS DIVISION.
8. THE CONTRACTOR SHALL RELOCATE ALL EXISTING POST-MOUNTED STREET NAME AND STOP SIGNS TO A VISIBLE AREA UNDISTURBED BY THE CONSTRUCTION SO AS TO MINIMIZE DAMAGE TO THE SIGNS. NEW STREET NAME SIGNS WILL BE ATTACHED AT THE TOP OF THE NEW STOP SIGNS ON MINOR SIDE STREETS AT THE END OF CONSTRUCTION.
09. EXTRUDED ALUMINUM SIGN SUPPORT CLAMPS ARE NOT ACCEPTABLE. ALL RELOCATED SIGNS MUST COMPLY WITH THE DESIGN STANDARDS AS IF THEY WERE NEW SIGNS. IF EXISTING CLAMPS, BRACKETS, POLES, ETC. NEED TO BE REPLACED THE COST SHALL BE INCLUDED IN THE RELOCATION PAY ITEM.
10. ANY SIGNING MATERIALS, INCLUDING SUPPORTS, TO BE REMOVED AS NOTED ON PLAN SHEETS, SHALL BE DELIVERED BY THE CONTRACTOR IN EXISTING CONDITION, IN CARE OF THE STOREKEEPER AT THE MIAMI-DADE COUNTY MAINTENANCE YARD, 7100 NW 36 STREET, MIAMI, FL 33166.
11. SCHOOL CROSSING SIGNAGE AND SCHOOL SPEED ZONE SIGNAGE TO CONFORM WITH MUTCD/FDOT STANDARDS (FLUORESCENT YELLOW-GREEN BACKGROUNDS).
12. REFLECTIVE PAVEMENT MARKERS AS PER FDOT STANDARD INDEX NO 17352.



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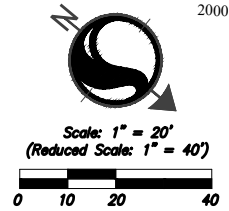
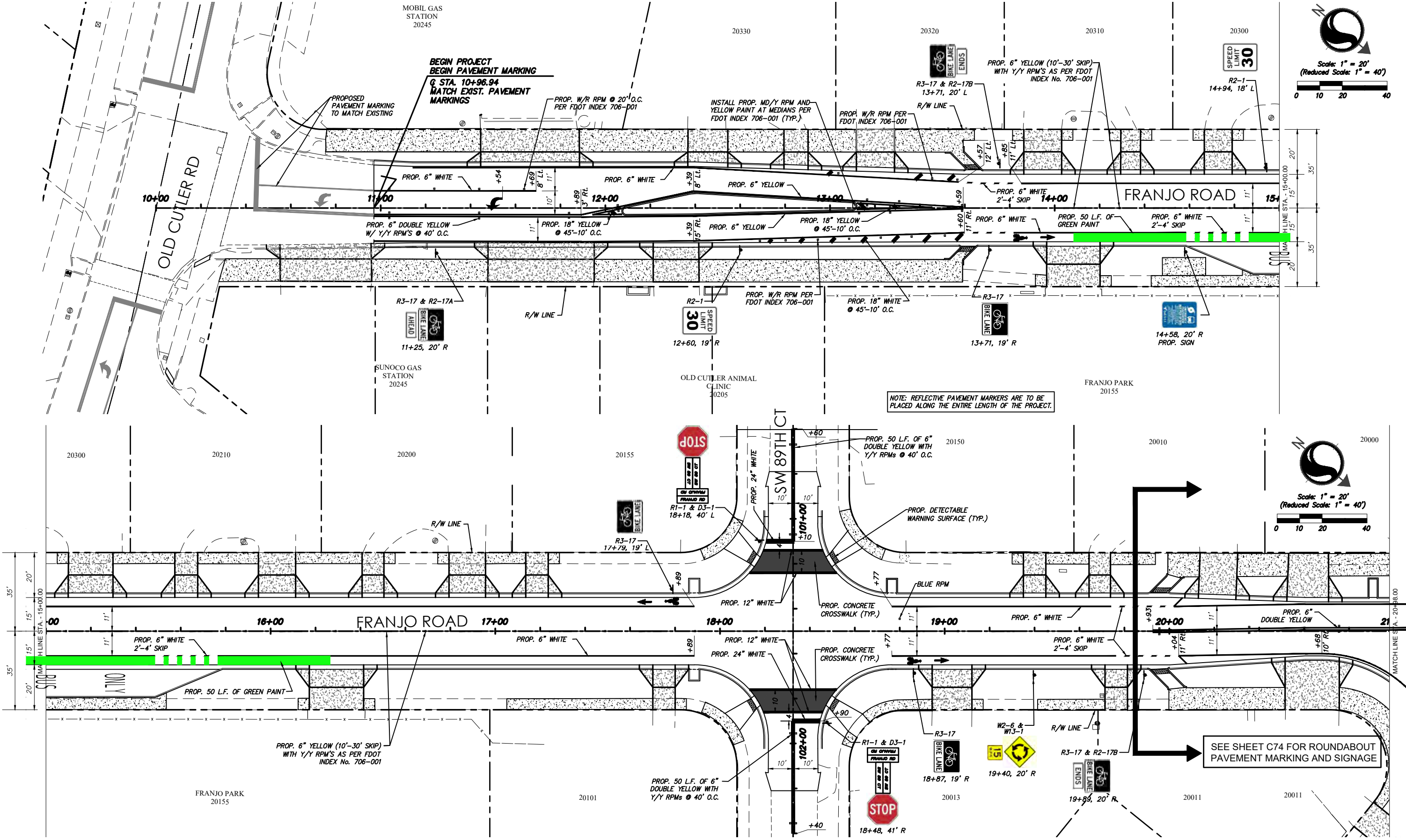
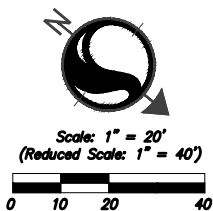
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MIAMI-DADE COUNTY

**DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS
HIGHWAY DIVISION**

STEPHEN P. CLARK CENTER
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MIAMI, FLORIDA 33128

PAVEMENT MARKINGS



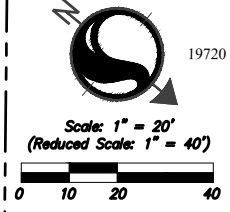
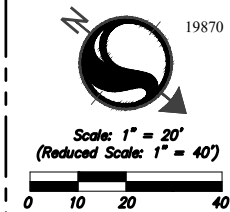
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

301 Ponce de Leon Blvd, Suite 900
Coral Gables, Florida 33134
www.stantec.com

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CHEKED BY	CMH	07/29/2020	CHEKED BY	MS	07/29/2020
SUPERVISED BY					

DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK, CENTER
171 NW 1 ST
MIAMI, FLORIDA 33128

PAVEMENT MARKINGS



SEE SHEET C74 FOR ROUNDABOUT
PAVEMENT MARKING AND SIGNAGE

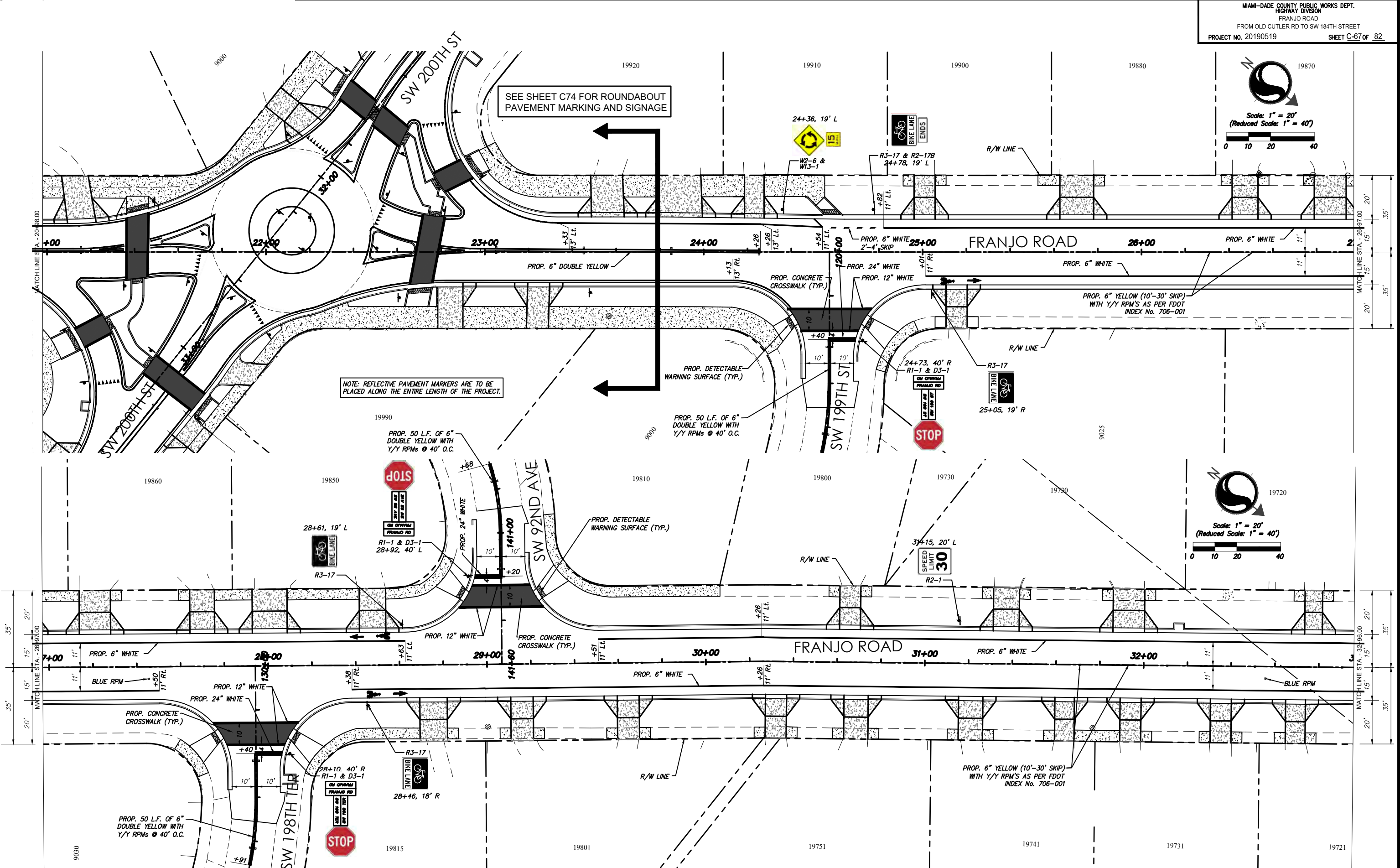
NOTE: REFLECTIVE PAVEMENT MARKERS ARE TO BE
PLACED ALONG THE ENTIRE LENGTH OF THE PROJECT.

PROP. 50 L.F. OF 6"
DOUBLE YELLOW WITH
Y/Y RPM'S @ 40' O.C.

PROP. 50 L.F. OF 6"
DOUBLE YELLOW WITH
Y/Y RPM'S @ 40' O.C.

PROP. 50 L.F. OF 6"
DOUBLE YELLOW WITH
Y/Y RPM'S @ 40' O.C.

PROP. 6" YELLOW (10'-30' SKIP)
WITH Y/Y RPM'S AS PER FDOT
INDEX No. 706-001



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



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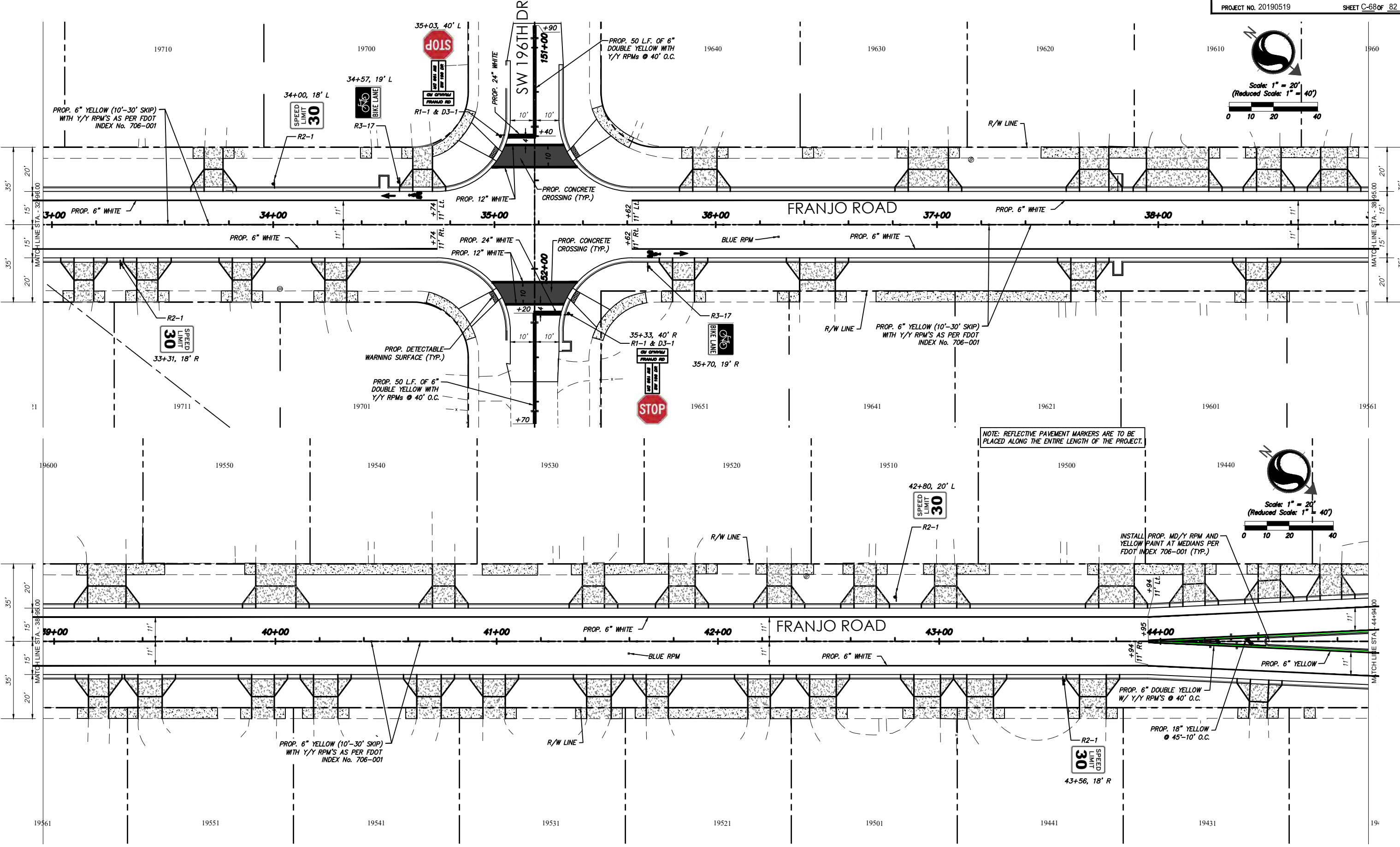
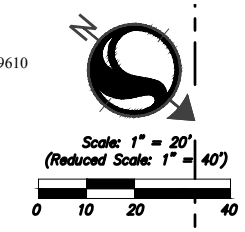
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DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CMH	CMH	07/29/2020	MS	MS	07/29/2020
CHECKED BY	CMH		CHECKED BY	CMH	
SUPERVISED BY:					

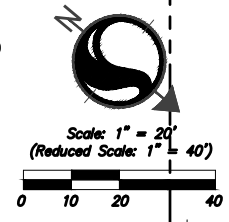


**DEPARTMENT OF TRANSPORTATION
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PAVEMENT MARKINGS



NOTE: REFLECTIVE PAVEMENT MARKERS ARE TO BE PLACED ALONG THE ENTIRE LENGTH OF THE PROJECT.



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

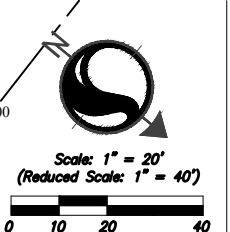
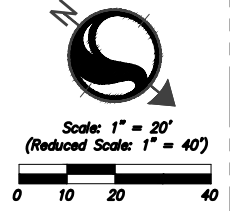
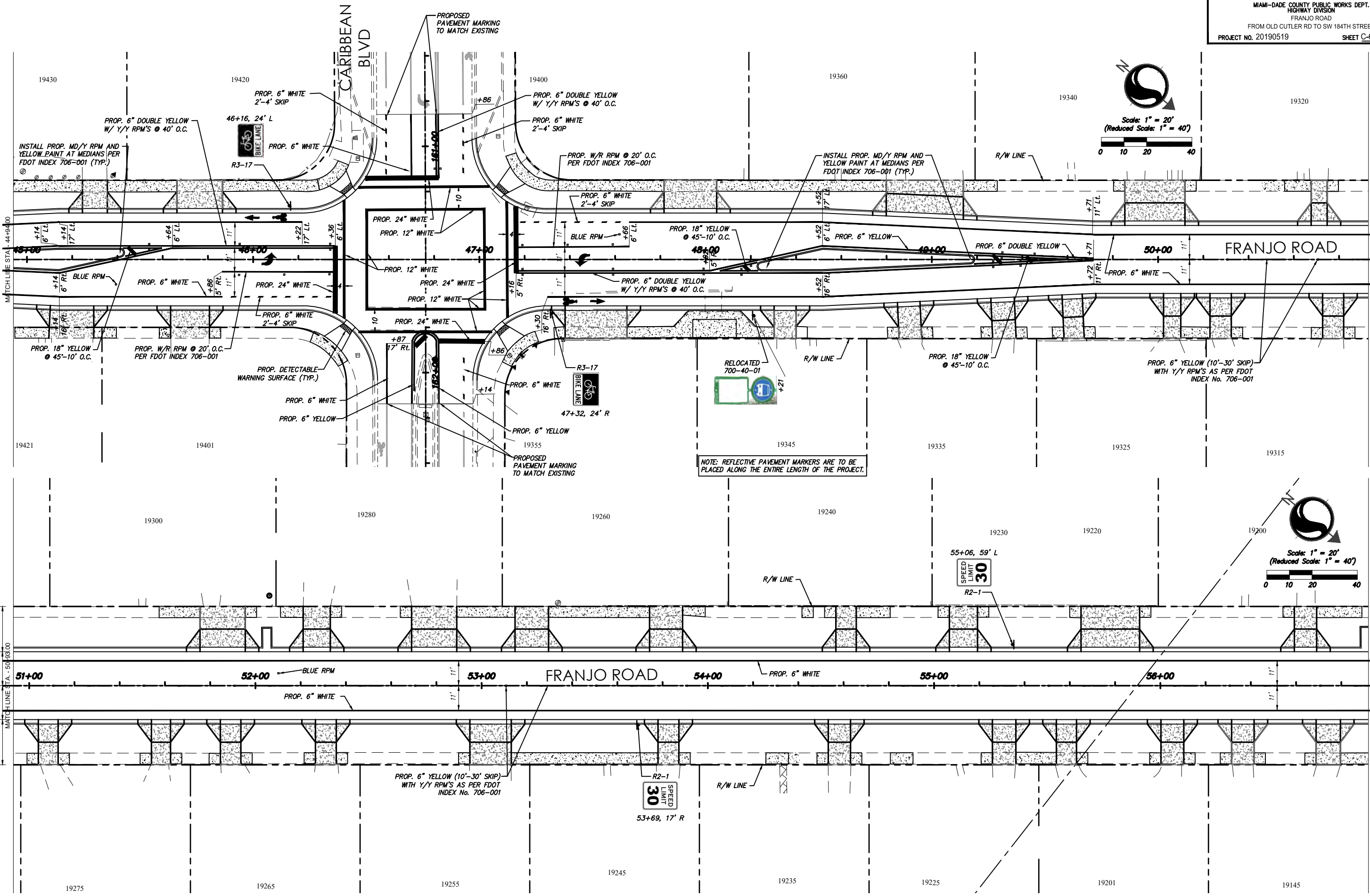
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	CMH	07/29/2020		MS	07/29/2020
CHECKED BY	CMH		CHECKED BY	CMH	
SUPERVISED BY:					

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PAVEMENT MARKINGS



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

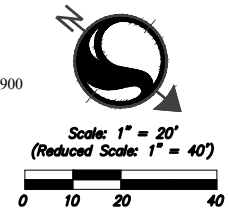
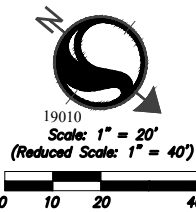
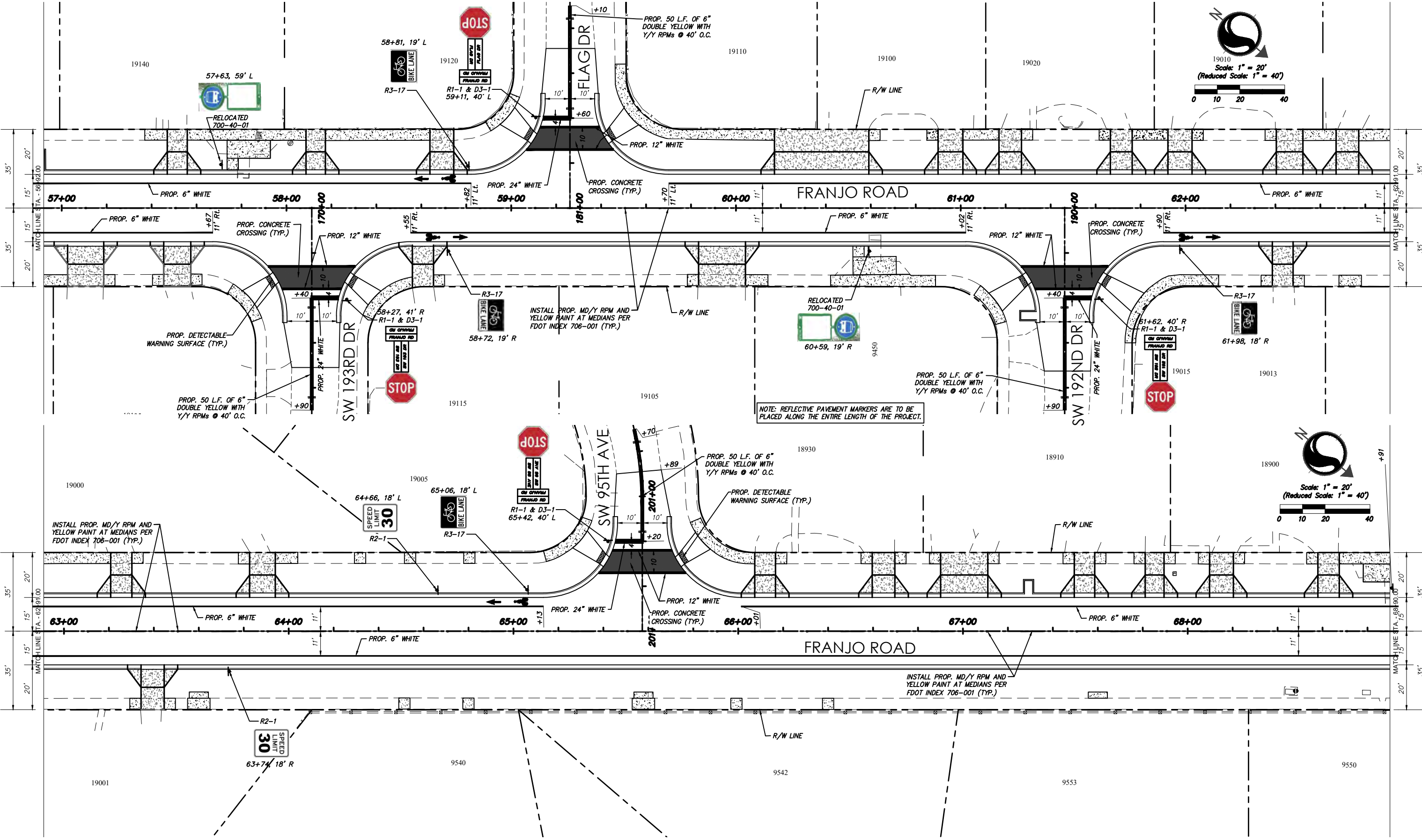


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CMH	CMH	07/29/2020	MS	MS	07/29/2020
CHECKED BY	CMH		CHECKED BY	CMH	
SUPERVISED BY:					



PAVEMENT MARKINGS



ITB #23-10
Franjo Road Roadway Improvements Project
Page 421 of 608

PLOTTED BY: MORALES, ROD. DATE: 2/16/2023 5:13 PM
CREATED: 2022-12-14 - 1A/2156/ACTIVE/2156/DESIGN DRAWING/CIVIL PLANS/15952 PAVEMENT MARKINGS.DWG

REVISIONS					
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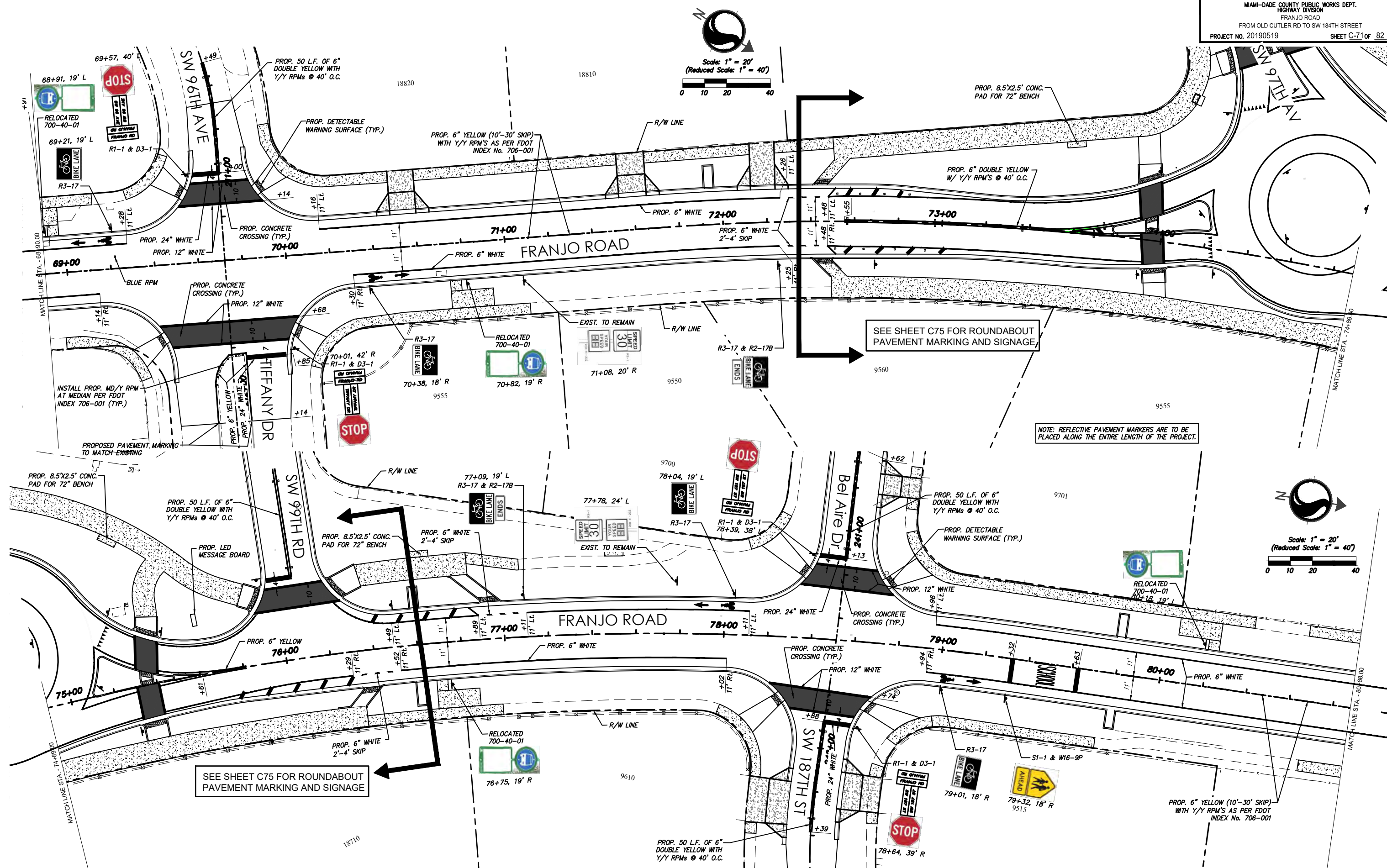
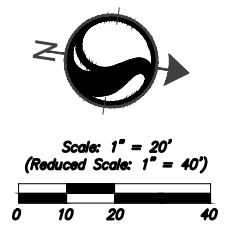
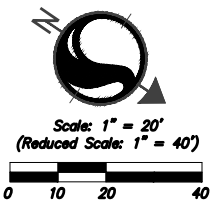
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CHECKED BY	NAME	DATE	CHECKED BY	NAME	DATE
CMH	CMH		CMH	CMH	
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HIGHWAY DIVISION**
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111 NW 1 ST
MIAMI, FLORIDA 33128

PAVEMENT MARKINGS



SEE SHEET C75 FOR ROUNDABOUT
PAVEMENT MARKING AND SIGNAGE

SEE SHEET C75 FOR ROUNDABOUT
PAVEMENT MARKING AND SIGNAGE

NOTE: REFLECTIVE PAVEMENT MARKERS ARE TO BE
PLACED ALONG THE ENTIRE LENGTH OF THE PROJECT.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

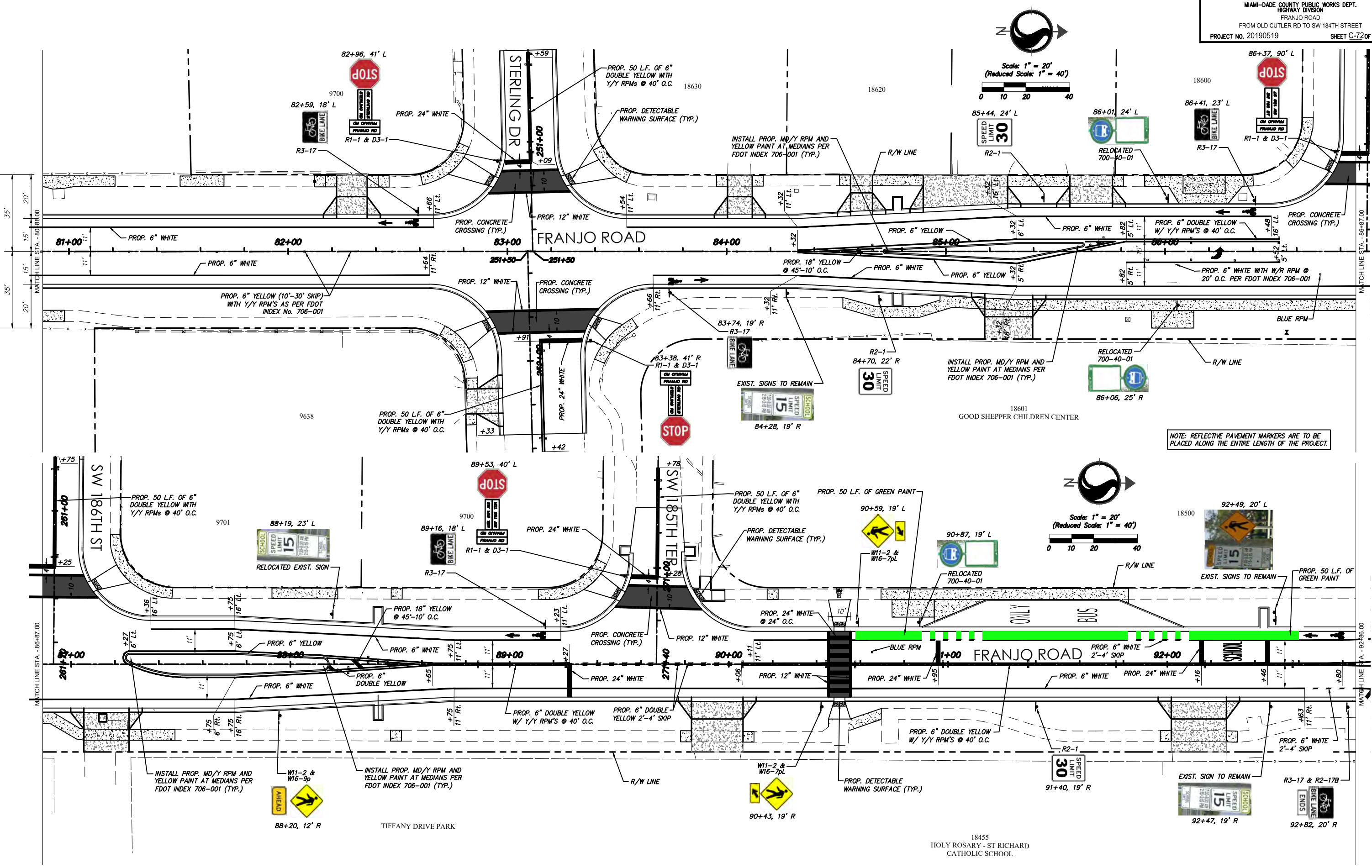


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CHECKED BY	NAME	DATE	CHECKED BY	NAME	DATE
CMH	CMH	07/29/2020	CMH	CMH	07/29/2020
SUPERVISED BY	NAME	DATE	SUPERVISED BY	NAME	DATE



PAVEMENT MARKINGS



NOTE: REFLECTIVE PAVEMENT MARKERS ARE TO BE PLACED ALONG THE ENTIRE LENGTH OF THE PROJECT.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

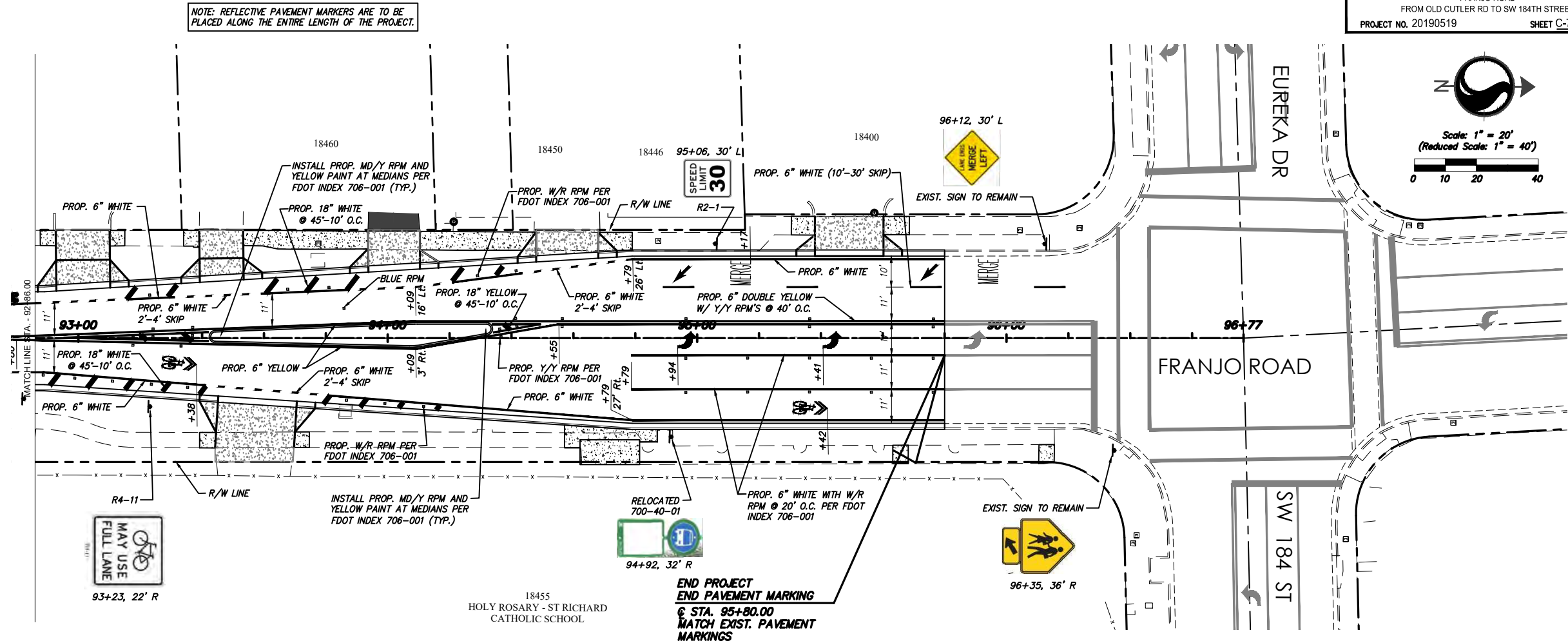
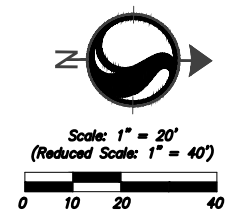
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	CMH	07/29/2020		MS	07/29/2020
CHECKED BY			CHECKED BY		
	CMH			CMH	
SUPERVISED BY					

**DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION**
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

PAVEMENT MARKINGS



NOTES

- ALL SIGNING AND PAVEMENT MARKINGS SHALL CONFORM WITH THE CURRENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND THE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS AND JANUARY 2021 STANDARD SPECIFICATION BOOK.
- ALL EXISTING SIGNS ARE TO REMAIN UNLESS OTHERWISE SPECIFIED. BEFORE STARTING THE PROJECT, THE CONTRACTOR WILL REVIEW EXISTING SIGNS SHOWN ON THE PLANS TO BE RELOCATED OR TO REMAIN. THE CONTRACTOR WILL NOTIFY IN WRITING TO THE PROJECT ENGINEER OF ANY MISSING SIGNS BEFORE CONSTRUCTION STARTS. SIGNS DAMAGED BY THE CONTRACTOR'S OPERATIONS WILL BE REPLACED AT NO COST TO THE DEPARTMENT. IF EXISTING SIGNS TO BE RELOCATED HAVE A DAMAGED POLE OR A POLE NOT MEETING HEIGHT SPECIFICATION REQUIREMENTS, THE COST OF A NEW POLE WILL BE INCLUDED IN THE RELOCATION BID ITEM.
- ALL PAVEMENT MARKINGS, MESSAGES, AND ARROWS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
- REFLECTIVE PAVEMENT MARKERS ARE TO BE PLACED ALONG THE ENTIRE LENGTH OF THE PROJECT.
- MATCH EXISTING PAVEMENT MARKINGS AT THE BEGINNING AND AT THE END OF THE PROJECT AND AT ALL SIDE STREETS WITHOUT JOGS OR OFFSETS.
- THE CONTRACTOR SHALL REMOVE EXISTING MARKINGS BY FDOT APPROVED METHOD WITHOUT DAMAGE TO THE FRICTION COURSE.
- SIGN ASSEMBLY LOCATIONS SHOWN ON PLANS WHICH ARE IN CONFLICT WITH LIGHTING, UTILITIES, DRIVEWAYS, WHEELCHAIR RAMPS, ETC. MAY BE ADJUSTED SLIGHTLY AS DIRECTED BY THE ENGINEER. EXTREME LOCATION CHANGES MUST BE APPROVED BY MIAMI-DADE SIGNALS AND SIGNS DIVISION.
- THE CONTRACTOR SHALL RELOCATE ALL EXISTING POST-MOUNTED STREET NAME AND STOP SIGNS TO A VISIBLE AREA UNDISTURBED BY THE CONSTRUCTION SO AS TO MINIMIZE DAMAGE TO THE SIGNS. NEW STREET NAME SIGNS WILL BE ATTACHED AT THE TOP OF THE NEW STOP SIGNS ON MINOR SIDE STREETS AT THE END OF CONSTRUCTION.
- EXTRUDED ALUMINUM SIGN SUPPORT CLAMPS ARE NOT ACCEPTABLE. ALL RELOCATED SIGNS MUST COMPLY WITH THE LATEST FDOT DESIGN STANDARDS AS IF THEY WERE NEW SIGNS. IF EXISTING CLAMPS, BRACKETS, POLES, ETC. NEED TO BE REPLACED THE COST SHALL BE INCLUDED IN THE RELOCATION PAY ITEM.
- ANY SIGNING MATERIALS, INCLUDING SUPPORTS, TO BE REMOVED AS NOTED ON PLAN SHEETS, SHALL BE DELIVERED BY THE CONTRACTOR IN EXISTING CONDITION, IN CARE OF THE STOREKEEPER AT THE MIAMI-DADE COUNTY MAINTENANCE YARD, 7100 NW 36 STREET, MIAMI, FL 33166.
- SCHOOL CROSSING SIGNAGE AND SCHOOL SPEED ZONE SIGNAGE TO CONFORM WITH MUTCD/FDOT STANDARDS (FLUORESCENT YELLOW-GREEN BACKGROUNDS).
- REFLECTIVE PAVEMENT MARKERS AS PER FDOT STANDARD INDEX NO 706-001(INCLUDING BLUE RPMs FOR FIRE HYDRANTS).

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

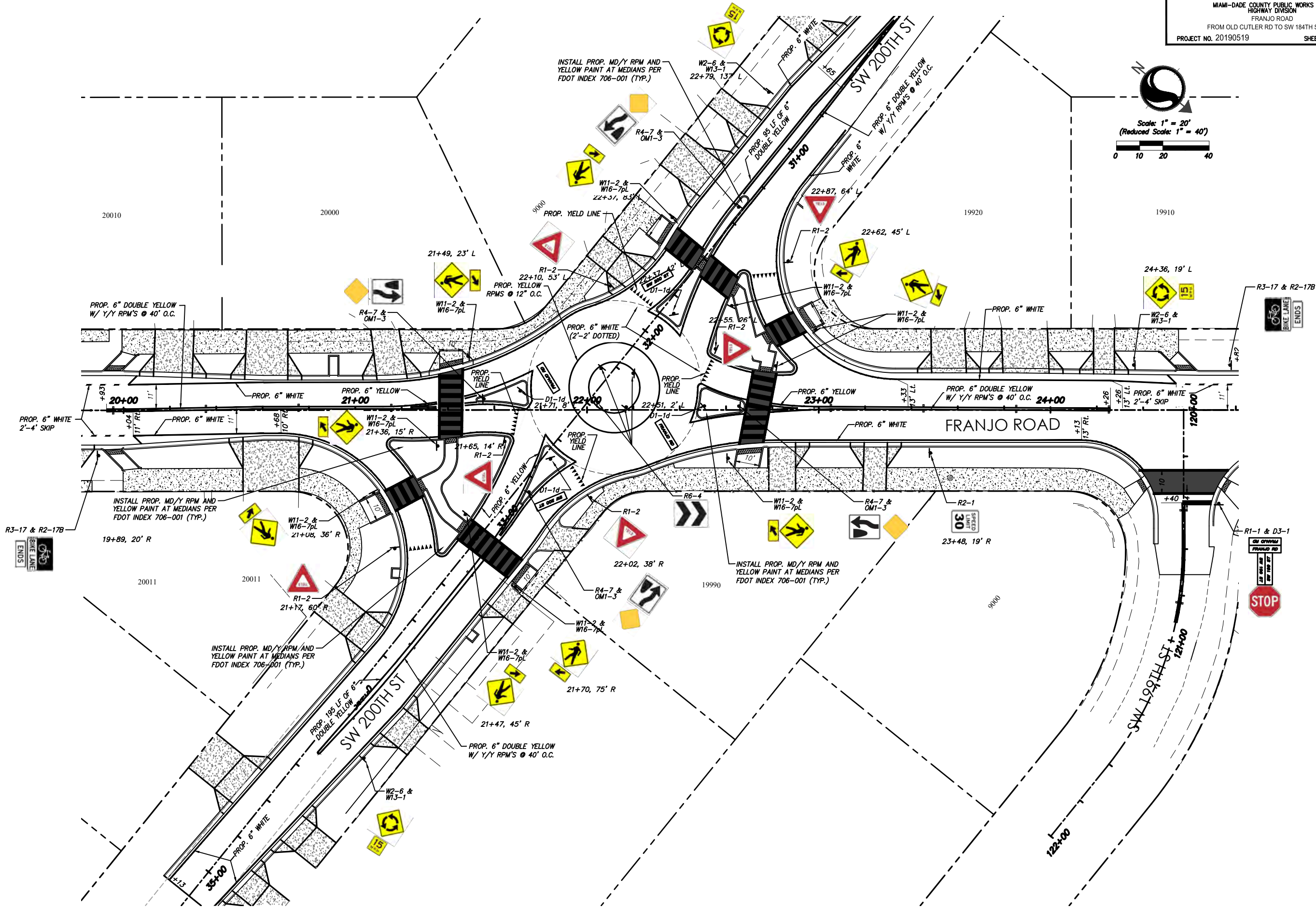
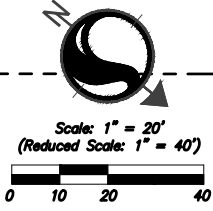


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DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
CMH	CMH	07/29/2020	MS	MS	07/29/2020
CHECKED BY	NAME	DATE	CHECKED BY	NAME	DATE
CMH	CMH		CMH	CMH	
SUPERVISED BY:					



PAVEMENT MARKINGS



ITB #23-10
Franjo Road Roadway Improvements Project
Page 425 of 608

PLOTTED BY: MORALES, ROD. DATE: 2/16/2023 5:14 PM
CREATED: 2022-12-14 - 1A/2156/ACTIVE/215619952/CIVIL/DESIGN DRAWING/CIVIL PLANS/19952 PAVEMENT MARKINGS.DWG

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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

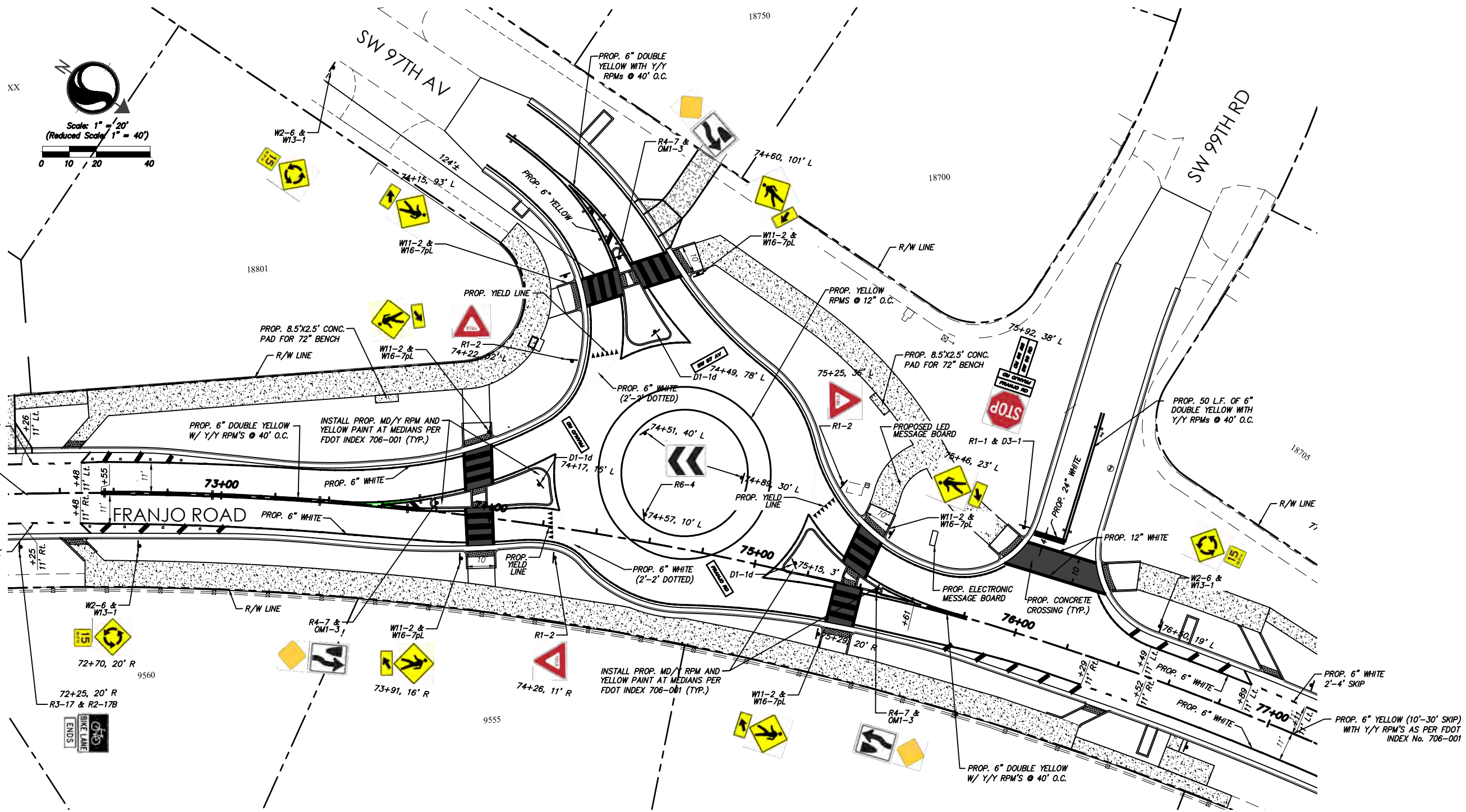
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 **DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION**
STEPHEN P. CLARK CENTER
171 NW 1 ST
MIAMI, FLORIDA 33128

PAVEMENT MARKINGS



ITB #23-10
Frango Road Roadway Improvements Project
Page 426 of 608

PLOTTED BY: MORALES, ROD DATE: 2/16/2023 5:14 PM
CREATED: 2022-12-14 - 1A/2156/ACTIVE/215619952/CIVIL/DESIGN DRAWING/CIVIL PLANS/19952 PAVEMENT MARKINGS.DWG

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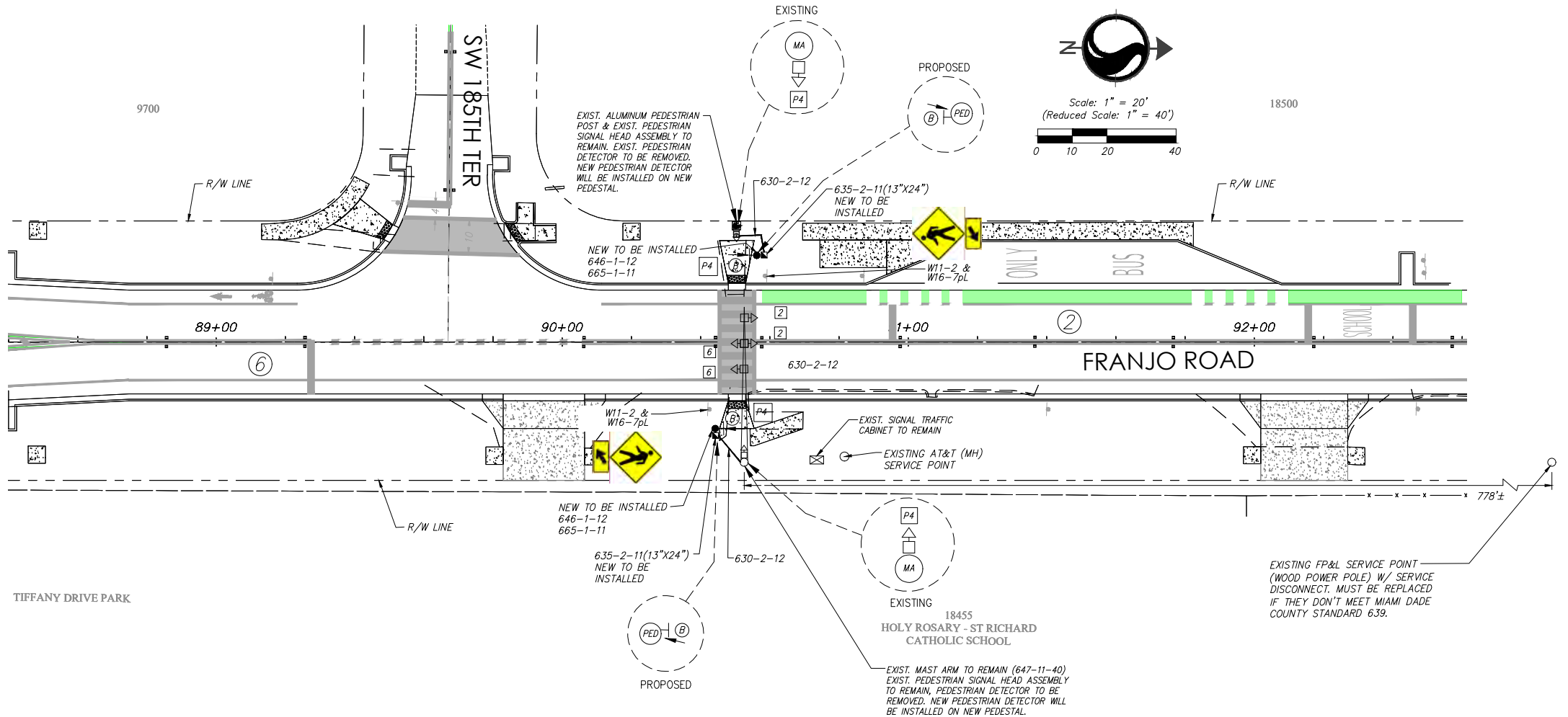
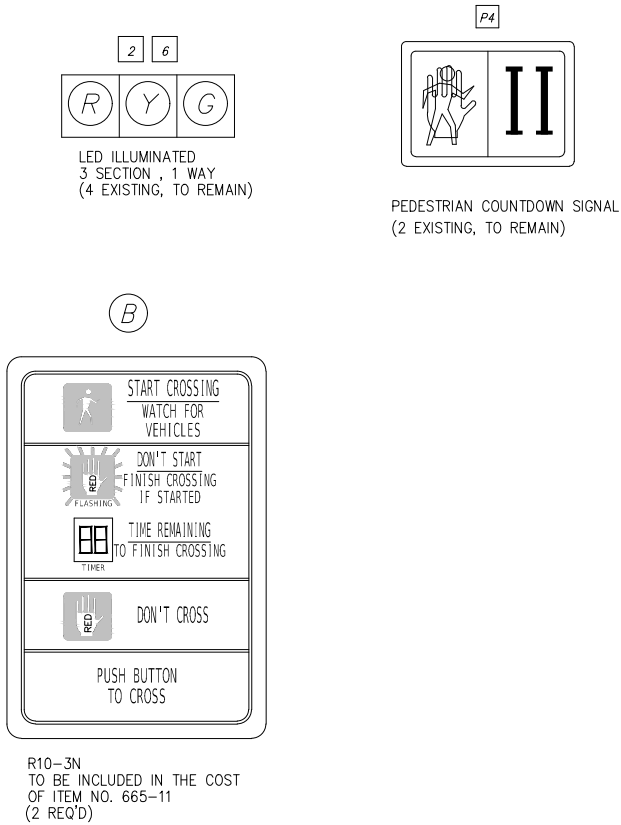
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**DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS
HIGHWAY DIVISION**
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

PAVEMENT MARKINGS

DETAIL OF SIGNAL HEADS



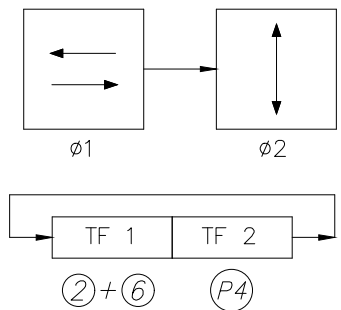
CONTROLLER OPERATIONS

- MAJOR STREET IS : FRANJO RD, PHASE 1 (MOVEMENTS 2 & 6)
MINOR STREET: PEDESTRIAN MOVEMENT PHASE 2 (P4)
- STANDARD SIGNAL OPERATING PLAN NO. 17 WITH THE FOLLOWING:
 - COORDINATION ON PHASE 1 (MOVEMENTS 2 & 6).
 - ACTUATED PEDESTRIANS FOR PHASE 2 (P4)
 - FLASHING OPERATION: MOVEMENTS 2 & 6 - YELLOW

REMOVAL ITEMS		
ITEM NO.	ITEM DESCRIPTION	QTY
665-1-60	PEDESTRIAN DETECTOR	2

CONTROLLER TIMING REFERENCE TABLE									
VEHICLE MOVEMENT		1	2	3	4	5	6	7	8
FUNCTION	APPROACH DIRECTION	–	SB	–	–	–	NB	–	–
	APPROACH POSTED SPEED	–	30	–	–	–	30	–	–
	ALL RED DISTANCE	–	40	–	–	–	118	–	–
	YELLOW CLEARANCE	–	4.0	–	–	–	4.0	–	–
	ALL RED CLEARANCE	–	2.0	–	–	–	2.0	–	–
			P2		P4		P6		
FUNCTION	PED. CROSSING DISTANCE	–	–	–	30	–	–	–	–
	PEDESTRIAN WALK	–	–	–	10	–	–	–	–
	PEDESTRIAN CLEARANCE	–	–	–	8	–	–	–	–

SIGNAL TIMINGS ARE APPROXIMATE AND FINAL TIMINGS SHALL BE PROVIDED BY D.C.P.W. SIGNALS & SIGN DIVISION



SIGNAL OPERATION PLAN

FRANJO RD. BET. SW 184 186 ST
SIGNALIZATION PLAN
INT. ID# 3416

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



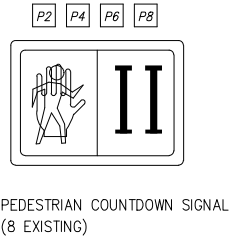
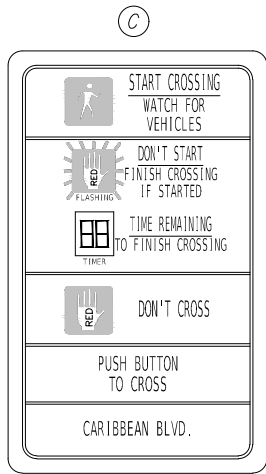
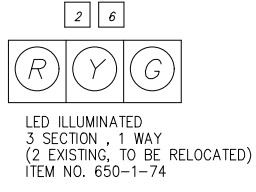
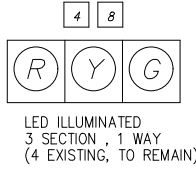
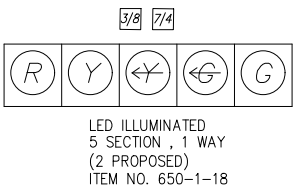
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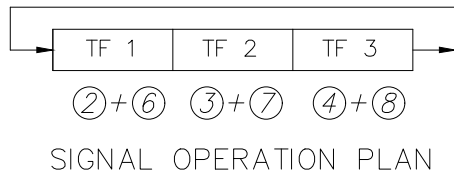
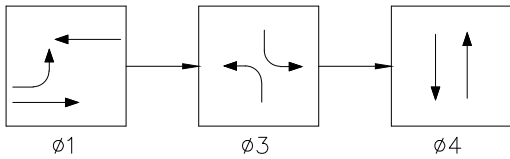
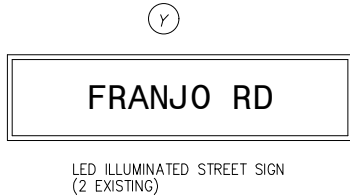


SIGNALIZATION PLANS

DETAIL OF SIGNAL HEADS

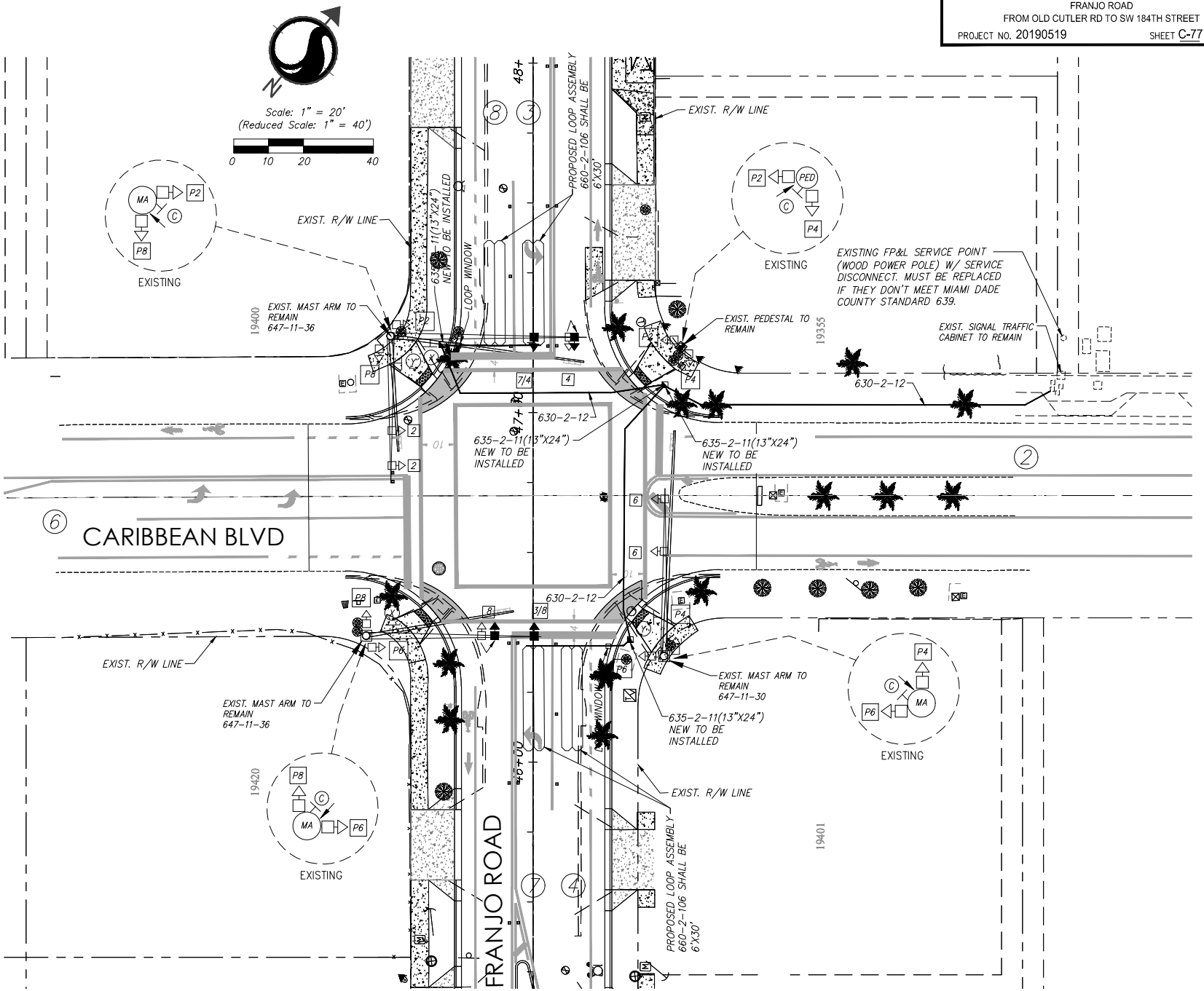


REMOVAL ITEMS		
ITEM NO.	ITEM DESCRIPTION	QTY
650-1-60	TRAFFIC SIGNAL HEAD ASSEMBLY	2



CONTROLLER TIMING REFERENCE TABLE									
VEHICLE MOVEMENT		1	2	3	4	5	6	7	8
FUNCTION	APPROACH DIRECTION	-	WB	-	NB	-	EB	-	SB
	APPROACH POSTED SPEED	-	30	-	30	-	30	-	30
	ALL RED DISTANCE	-	52	-	61	-	51	-	61
	YELLOW CLEARANCE	-	3.7	-	3.7	-	3.7	-	3.7
	ALL RED CLEARANCE	-	2	-	2	-	2	-	2
			P2		P4		P6		P8
FUNCTION	PED. CROSSING DISTANCE	-	57	-	65	-	57	-	64
	PEDESTRIAN WALK	-	7	-	7	-	7	-	7
	PEDESTRIAN CLEARANCE	-	14	-	16	-	14	-	16

SIGNAL TIMINGS ARE APPROXIMATE AND FINAL TIMINGS SHALL BE PROVIDED BY D.C.P.W. SIGNALS & SIGN DIVISION



CONTROLLER OPERATIONS

- MAJOR STREET IS CARIBBEAN BLVD, MINOR STREET IS FRANJO RD
- SIGNAL OPERATING PLAN AS SHOWN
- PHASE(S) 2 ACTUATED, PHASE 1 RECALL
- MOVEMENT(S) N/A IS(ARE) PROTECTED/PERMISSIVE
- SIGNAL COORDINATION PHASE IS 1
- FLASHING OPERATION: 2, 6 YELLOW; 4 & 8 RED

NOTES:

- THE DEMAND WATTAGE FOR THIS INTERSECTION IS XXX WATTS.
- REMOVE ALL PAVEMENT MARKINGS, RAISED PAVEMENT MARKERS AND SIGNS IN CONFLICT WITH THIS PLAN.
- REMOVE EXISTING SIGNAL EQUIPMENT AND RETURN UNDAMAGED TO MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT, SIGNAL AND SIGNS DIVISION (7100 N.W. 36 ST)
- SIGNAL TIMING SHALL BE PROVIDED BY MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT.
- PAVEMENT MARKING ARE SHOWN FOR INFORMATION ONLY. SEE SIGNING & PAVEMENT MARKING PLANS.

FRANJO RD. & CARIBBEAN BLVD
SIGNALIZATION PLAN
INT. ID# 3968

REVISIONS

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SIGNALIZATION PLANS

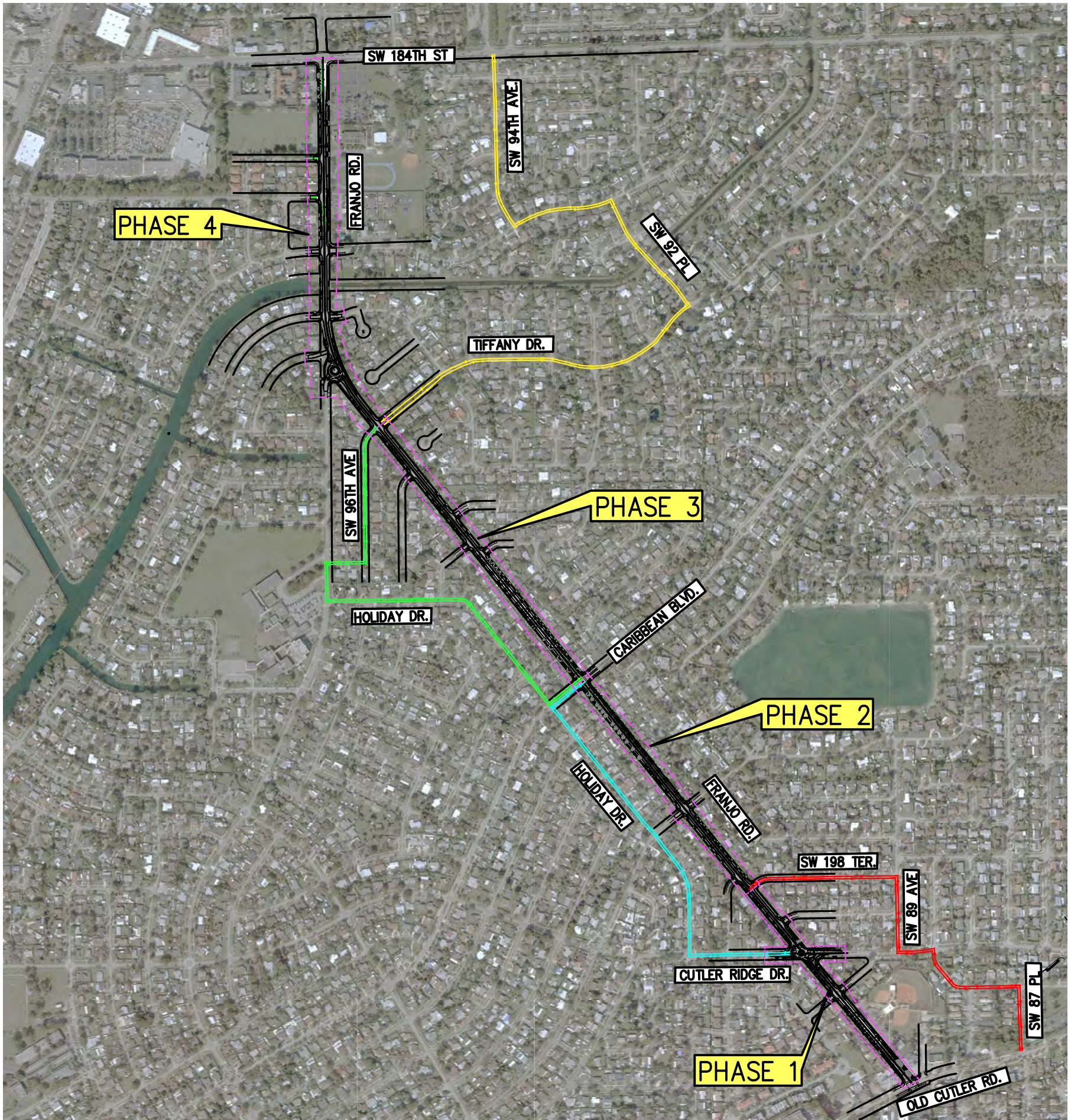
MIAMI-DADE COUNTY PUBLIC WORKS DEPT.
HIGHWAY DIVISION
FRANJO ROAD
FROM OLD CUTLER RD TO SW 184TH STREET
PROJECT NO. 20190519 SHEET C-77 OF 82

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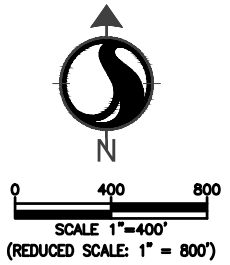
1. ALL TRAFFIC SIGNALIZATION CONDUIT AND WIRING SHALL BE IN ACCORDANCE WITH SIGNALIZATION PLANS AND SHALL BE SUFFICIENT QUANTITY FOR COMPLETE INSTALLATION.
2. ALL HARDWARE INCIDENTAL TO THE COMPLETE SIGNALIZATION AS INDICATED ON PLAN SHEETS AND SUMMARY OF QUANTITIES SHEET SHALL BE INCLUDED IN THE COST OF ITEMS SUPPLIED.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE ASSEMBLY WHEN SPECIFIED IN THE TABULATION OF QUANTITIES.
4. WHEN TWO, THREE, AND FOUR WAY SIGNAL HEAD BRACKETS ARE SPECIFIED, THE TOP BRACKET SHALL BE CONSTRUCTED OF HOLLOW CAST ALUMINUM AND THE BOTTOM BRACKET SHALL BE CAST ALUMINUM, BOTH WITH STAINLESS STEEL STUDS, WASHERS, AND NUTS.
5. SIGNAL HEADS SHALL BE OF CAST ALUMINUM AND SHALL HAVE FLAT BLACK BODIES WITH FLAT BLACK TUNNEL VISORS AND DOORS. THE SIGNAL LENSES SHALL BE GLASS.
6. ALL GROUND RODS SHALL BE COPPER CLAD 5/8" X10"-0" SECTIONS WITH BONDING WIRE AND CLAMP.
7. LOOP DETECTORS SHALL BE TWO-CHANNEL "SCANNING" TYPE SHELF MODEL WITH RELAY FAIL CALL OUTPUT PER MIAMI-DADE COUNTY SPECIFICATIONS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPENSATING AT&T FOR PROVIDING AND CONNECTING SERVICE PICK-UP. THE CONTRACTOR SHALL ALSO PROVIDE PULL WIRE FOR AT&T SERVICE CONDUIT.
9. THE CONTRACTOR SHALL CONTACT FP&L AND AT&T REPRESENTATIVE PRIOR TO INSTALLING CONDUITS TO THEIR MANHOLES. THE SERVICE CONDUIT SHALL BE BROUGHT TO THE MANHOLES FROM THE SIDES AND NOT THE TOP.
10. CONTRACTOR SHALL REPLACE ENTIRE SIDEWALK FLAG WHEN SIDEWALK IS DISTURBED BY CONSTRUCTION. CONTRACTOR SHALL RESTORE EXISTING PAVEMENT MARKINGS DISTURBED BY TRENCHING OF SAW CUTTING.
11. INSTALL SPARE CONDUIT OF EQUAL LENGTH TO SIGNAL CONDUIT WITHIN SAME TRENCH.

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SIGNALIZATION PLANS



MIAMI-DADE COUNTY PUBLIC WORKS DEPT.
HIGHWAY DIVISION
FRANJO ROAD
FROM OLD CUTLER RD TO SW 184TH STREET
PROJECT NO. 20190519 SHEET C-78 of 82



LEGEND:

PHASE 1 DETOUR

PHASE 2 DETOUR

PHASE 3 DETOUR

PHASE 4 DETOUR

*** PHASING CONSTRUCTION NOTE:**
PHASING ORDER IS TO BE DETERMINED AND IS NOT REQUIRED TO BE AS NOTED ABOVE. CONTRACTOR TO SUBMIT TO MIAMI-DADE COUNTY PUBLIC WORKS AND WASTE MANAGEMENT DEPARTMENT HIGHWAY DIVISION AND TOWN OF CUTLER BAY FOR APPROVAL.



CONSTRUCTION NOTE:
LOCATION OF EXISTING FACILITIES AS SHOWN ON CONSTRUCTION DRAWINGS ARE FROM AVAILABLE RECORDS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE FACILITIES SHOWN OR FOR ANY FACILITY NOT SHOWN. VERIFY THE ELEVATION, TYPE OF PIPES AND LOCATION OF EXISTING FACILITIES PRIOR TO CONSTRUCTION. IF AN EXISTING FACILITY IS FOUND TO CONFLICT WITH THE PROPOSED CONSTRUCTION UPON EXCAVATION THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF RECORD SO THAT APPROPRIATE MEASURES CAN BE TAKEN TO RESOLVE THE PROBLEM. CONTRACTOR TO NOTIFY MIAMI-DADE COUNTY AND SUNSHINE STATE ONE CALL OF FLORIDA, INC. @ 811 AT LEAST FORTY EIGHT (48) HOURS PRIOR TO EXCAVATING. EVIDENCE OF SUCH NOTICE SHALL BE FURNISHED TO ENGINEER OF RECORD PRIOR TO EXCAVATING.

REVISIONS							
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY



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MIAMI-DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY DIVISION
STEPHEN P. CLARK, CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

MOT PHASING PLAN

GENERAL NOTES

1. TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH THE PROJECT PLANS, THE MIAMI-DADE COUNTY PUBLIC WORKS MANUAL AS PERTAINS TO MAINTENANCE OF TRAFFIC, THE 2023-24 EDITION OF THE FLORIDA DOT DESIGN STANDARDS (102-600 SERIES), THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AS MINIMUM CRITERIA
2. THE CONTRACTOR SHALL DEVELOP MAINTENANCE OF TRAFFIC PLAN OF HIS OWN, MEETING THE REQUIREMENTS SPECIFIED IN THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES LATEST EDITION AND THE FDOT INDEX 102-600 SERIES. THE CONTRACTOR'S MAINTENANCE OF TRAFFIC PLANS SHALL BE SUBMITTED TO THE TRAFFIC ENGINEERING DIVISION FOR REVIEW AND APPROVAL PRIOR TO START OF CONSTRUCTION. THE PLANS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA.
3. TEMPORARY PAVEMENT SHALL CONSIST OF A MINIMUM OF 6 INCH LIMEROCK BASE, PRIME COAT AND HMA. THE BASE LAYER SHALL BE PLACED OVER A FIRM, UNYIELDING, WELL-COMPACTED SUBGRADE. COST OF CONSTRUCTION AND REMOVAL OF TEMPORARY PAVEMENT TO BE INCLUDED IN PAY ITEM 339-1 TEMPORARY PAVEMENT.
4. NOTIFICATION OF LANE CLOSURES OR TEMPORARY DETOURS SHALL BE ACCOMPLISHED 14 WORKING DAYS PRIOR TO CLOSURE OR DETOUR BY COORDINATING WITH MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT'S TRAFFIC ENGINEERING DIVISION AND TRAFFIC CONTROL CENTER.
5. AT THE DISCRETION OF THE TRAFFIC ENGINEER, IF A LANE CLOSURE CAUSES EXTENDED CONGESTION OR DELAY, THE CONTRACTOR SHALL BE DIRECTED TO REOPEN THE CLOSED LANE(S) UNTIL SUCH TIME THAT THE TRAFFIC FLOW HAS RETURNED TO AN ACCEPTABLE LEVEL.
6. THE TRAFFIC AND TRAVEL WAYS SHALL NOT BE ALTERED BY THE CONTRACTOR TO CREATE A WORK ZONE UNTIL ALL LABOR AND MATERIAL ARE AVAILABLE FOR THE CONSTRUCTION IN THAT AREA.
7. LANE CLOSURE SHALL OCCUR ONLY DURING NON-PEAK HOURS ON NONEVENT DAYS/NIGHTS. NO INTERRUPTION TO TRAFFIC IS PERMITTED FROM MONDAY-FRIDAY 7-9 A.M. AND 4-6 P.M. OR ON WEEKENDS AND HOLIDAYS OR DURING SCHOOL ARRIVAL OR DISMISSAL PERIODS IN THE VICINITY OF SCHOOLS.
8. REGULATORY SPEED ESTABLISHED WITHIN THE WORK ZONE TRAVEL WAYS SHALL BE 20 M.P.H. REDUCED SPEED AND REGULATORY SPEED SIGNS SHALL BE INSTALLED ON SEPARATE POSTS IN ACCORDANCE WITH THE STANDARD INDEXES AND MUTCD.
9. CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE PROPERTY DURING ALL PHASES OF CONSTRUCTION. LOCAL RESIDENTS WITHIN THE AREA OF CONSTRUCTION SHALL BE GIVEN ACCESS TO THEIR PROPERTY DURING ALL PHASES OF CONSTRUCTION. LOCAL RESIDENTS INCLUDE ALL COMMERCIAL ESTABLISHMENTS AND BUSINESSES.
10. SIGNS ARE TO BE LOCATED BEFORE EACH BUSINESS OR SHOPPING PLAZA ENTRANCE WHERE CONSTRUCTION NEGATIVELY IMPACTS THE ACCESS TO THE BUSINESS OR SHOPPING PLAZA OR AS DIRECTED BY THE ENGINEER. TWO SIGNS WILL TYPICALLY BE REQUIRED AT EACH ENTRANCE. SIGNS ARE TO BE DISPLAYED AS DESCRIBED IN INDEX 102-600 OF THE ROADWAY AND TRAFFIC DESIGN STANDARDS.
11. AS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL COVER WORK ZONE SIGNS WHEN CONDITIONS NO LONGER WARRANT THEIR USE. COST OF COVERING AND UNCOVERING THE SIGNS SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
12. CONTRACTOR SHALL REMOVE, RELOCATE, OR COVER ANY EXISTING OR PROPOSED SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS. WHEN THE CONFLICT NO LONGER EXISTS, THE CONTRACTOR SHALL RESTORE THE SIGNS TO THEIR ORIGINAL POSITION. COST OF TEMPORARILY REMOVING, RELOCATING, COVERING, AND RESTORING THE SIGNS SHALL BE INCLUDED IN THE PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
13. EACH EXISTING STREET NAME AND TRAFFIC SIGN AFFECTED BY CONSTRUCTION SHALL BE RELOCATED AND MAINTAINED IN AN APPROPRIATE LOCATION FOR THE DURATION OF THE PROJECT. WHEN NO LONGER AFFECTED BY CONSTRUCTION, THESE SIGNS SHALL BE RESTORED IN THEIR ORIGINAL POSITION AND CONDITION. IF DAMAGED, SIGNS ARE TO BE REPLACED. COST OF TEMPORARILY RELOCATING AND RESTORING THE SIGNS SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
14. THE CONTRACTOR SHALL NOT PROPOSE ANY ALTERNATIVE TRAFFIC CONTROL PLAN THAT REDUCES THE NUMBER OF TRAVEL LANES SHOWN ON THE CONTRACT TRAFFIC CONTROL PLANS.
15. ARROWS ON THE TRAFFIC CONTROL PLAN DENOTE THE DIRECTION OF TRAFFIC ONLY AND DO NOT REFLECT PAVEMENT MARKINGS UNLESS SPECIFICALLY NOTED.

16. FOR DROP-OFF, THE CONTRACTOR'S ATTENTION IS DIRECTED TO FDOT STANDARD INDEX NO. 102-600, SHEET 8 OF 11. THE CONTRACTOR SHALL USE SHOULDER TREATMENT DETAIL WHEN NO BARRIERS ARE REQUIRED IN THE PLANS.
17. DURING ASPHALT CONSTRUCTION OPERATIONS, NO MORE THAN 1¼" DROP-OFF BETWEEN ADJACENT TRAVEL LANES OR AT TRANSVERSE JOINTS SHALL BE ALLOWED WHEN LANES ARE OPEN TO TRAFFIC. WHERE DROP OFF CONDITIONS EXIST, THE SIGNING FOR UNEVEN PAVEMENT SHALL BE INSTALLED FOR THE DURATION OF THE CONDITION (W8-9AP).
18. THE CONTRACTOR IS TO PLACE TEMPORARY OR REMOVABLE PAVEMENT MARKINGS BETWEEN EACH LAYER OF PAVEMENT, AND IS RESPONSIBLE FOR THE TEMPORARY RELOCATION OF STOP BARS & STOP SIGNS AS APPLICABLE. PAVEMENT MARKINGS AND BARRICADES PLACEMENT SHALL BE APPROPRIATELY COORDINATED.
19. THE CONTRACTOR SHALL REMOVE ANY EXISTING OR TEMPORARY PAVEMENT MARKINGS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS. GRINDING OR MILLING SHALL ONLY BE PERMITTED IN NON-TRAFFIC AREAS. COST OF REMOVAL OF TEMPORARY PAVEMENT MARKINGS, REGARDLESS OF METHOD, IS INCLUDED IN THE RELATED PAY ITEMS. USE OF BLACK PAINT TO COVER EXISTING AND/OR TEMPORARY PAVEMENT MARKINGS IS PROHIBITED.
20. TEMPORARY RAISED PAVEMENT MARKERS (RPMS) SHALL BE INSTALLED ON THE EDGE, CENTER, AND LANE LINES OF ALL CROSS-OVERS, TRANSITIONS, AND TANGENT SECTIONS WITHIN THE WORK ZONE WHERE THE VEHICLE PATHS ARE ALTERED. THE SPACING FOR THESE RPMS SHALL BE 40 FT. ON CENTERS FOR TANGENT SECTIONS AND 5 FT. FOR TRANSITIONS, CURVES, AND CROSSOVERS. THE RPMS SHALL EXTEND 100 FT. ON THE TANGENT SECTION BEYOND EACH END OF THESE CROSSOVERS OR TRANSITION AREAS. COST OF THE TEMPORARY RPMS SHALL BE INCLUDED IN THE PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
21. CONTRACTOR SHALL NOTIFY MIAMI-DADE COUNTY TRAFFIC SIGNS AND SIGNALS DIVISION LOCATED AT 7100 NW 36 STREET, MIAMI, FLORIDA 33166 AND PHONE NO. (305) 592-3470, AND FDOT PHONE NO. (305) 640-7249, 48 HOURS PRIOR TO ANY MODIFICATION OF AN EXISTING TRAFFIC SIGNAL SYSTEM. THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR THE MAINTENANCE OF THE EXISTING OR TEMPORARY TRAFFIC SIGNAL(S) WITHIN THE PROJECT LIMITS. COST OF RELOCATING TRAFFIC SIGNAL HEADS, PROVIDING AND REMOVING TEMPORARY SIGNALS, AND MAINTAINING THE EXISTING TEMPORARY TRAFFIC SIGNAL SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC. CONTRACTOR TO SUBMIT A DETAILED LANE CLOSURE FORM, NOTING WORK AND TIME PHASES TO THE DEPARTMENT AT LEAST TWO (2) WEEKS PRIOR TO ACTUAL LANE CLOSURE WORK WITHIN THE FDOT RIGHT OF WAY. THERE SHALL BE NO LANE CLOSURES BETWEEN THANKSGIVING AND NEW YEAR'S EVE. WORKING HOURS WITHIN THE FDOT RIGHT OF WAY SHALL BE BETWEEN THE HOURS OF 9:30 AM AND 3:30 PM.. MOT MUST BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS- INDEX 102-600 SERIES AND M.U.T.C.D. AS A MINIMUM.
22. WHEN CONSTRUCTION ACTIVITIES INVOLVE SIDEWALKS ON BOTH SIDES OF THE STREET, EFFORTS SHOULD BE MADE TO STAGE THE CONSTRUCTION SO BOTH SIDEWALKS ARE NOT OUT OF SERVICE AT THE SAME TIME.
23. IN THE EVENT THAT SIDEWALKS ON BOTH SIDES OF THE STREET ARE CLOSED, PEDESTRIANS SHALL BE GUIDED AROUND THE CONSTRUCTION ZONE.
24. THE PROPOSED SIGNALS SHALL BE INSTALLED AND OPERATIONAL PRIOR TO THE REMOVAL OF THE EXISTING SYSTEM AND SHALL BE ADJUSTED TO THE TRAFFIC NEEDS FOR EACH CONSTRUCTION PHASE.
25. THE CONTRACTOR SHALL MAINTAIN ON-LINE COMMUNICATION OF EXISTING OR TEMPORARY SIGNALIZATION VIA INTERCONNECT OR PHONE LINE CONSTRUCTION. CONTRACTORS SHALL PROVIDE TEMPORARY LINES AND CONNECTIONS IF NECESSARY. COST OF MAINTAINING COMMUNICATION, INCLUDING TEMPORARY LINES AND CONNECTIONS SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
26. INTERSECTIONS SHALL BE RECONSTRUCTED WORKING ON A CONTINUOUS DAILY BASIS UNTIL COMPLETE AND UNTIL STRUCTURAL COURSE IS IN PLACE.
27. AT ALL INTERSECTING STREETS, NO LESS THAN ONE "ROAD CONSTRUCTION AHEAD" SIGN AND ONE "END CONSTRUCTION" SIGN MUST BE INSTALLED. (TWO EACH FOR STREETS WITH MEDIAN).
28. ADJACENT INTERSECTIONS SHALL NOT BE CONSTRUCTED SIMULTANEOUSLY UNLESS DIRECTED BY THE ENGINEER. FOR EVERY BLOCK, CONSTRUCTION OF DRAINAGE AND SIDEWALK SHOULD BE CONCURRENT WITH ROADWAY CONSTRUCTION.

29. MOT TRANSITIONS AND TEMPORARY INTERSECTION CROSSOVERS WHERE CONSTRUCTION HAS CAUSED GRADE DIFFERENCES BETWEEN THE EXISTING AND NEW ROADWAYS SHALL BE CONSTRUCTED USING A 1:20 TYPE HMA SLOPE TO ACCOMMODATE VEHICULAR TRAFFIC FROM ANY DIRECTION. ALL MATERIAL, WORK, INCLUDING ITS REMOVAL, SHALL BE INCLUDED IN PAY ITEM 102-1 AND 339-1, MAINTENANCE OF TRAFFIC AND TEMPORARY PAVEMENT.
30. COORDINATION WITH DADE COUNTY PUBLIC WORKS AND WASTE MANAGEMENT DEPARTMENT WILL BE REQUIRED.
31. PAVED TEMPORARY CONNECTIONS SHALL BE PROVIDED AT INTERSECTIONS AS DIRECTED BY THE ENGINEER.
32. TRAFFIC SHALL BE MAINTAINED ON A PAVED, DUST-FREE SURFACE AT ALL TIMES.
33. THE CONTRACTOR MUST MAINTAIN TWO LANES OF TRAFFIC AT ALL TIMES. ALL LANES TO BE A MINIMUM OF 10 FT. IN WIDTH.
34. PLANS INDICATE ONLY THE PHASES FOR CONSTRUCTION. MILLING AND RESURFACING OPERATIONS MUST FOLLOW THE SAME FDOT 102-600 INDEX SERIES, AND MUST BE ACCOMPLISHED AT HOURS APPROVED BY THE ENGINEER.
35. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ROADWAY LIGHTING ILLUMINATION LEVELS DURING CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN EXISTING LIGHTING OR SUPPLY TEMPORARY LIGHTING UNTIL THE PROPOSED SYSTEM IS IN OPERATION. THE CONTRACTOR SHALL SUBMIT A COMPLETE PROPOSED METHOD OF MAINTAINING LIGHTING FOR APPROVAL BY COUNTY ENGINEER PRIOR TO BEGINNING WORK. REFER TO ROADWAY LIGHTING PLANS AND OTHER APPLICABLE DRAWINGS FOR INFORMATION ON EXISTING AND PROPOSED ROADWAY LIGHTING AND DETAIL OF ROADWAY CONSTRUCTION. IF ANY PART OF THE SYSTEM IS OWNED BY F.P.&L, COORDINATE CLOSELY WITH F.P.&L.
36. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE EROSION CONTROL MEASURES TO PREVENT CLOG OF PROPOSED DRAINAGE STRUCTURES AND SEDIMENT INTRUSION ON WATERWAYS DURING CONSTRUCTION. THESE MEASURES SHALL BE APPROVED BY THE ENGINEER AND CONFORM WITH CURRENT EDITION OF THE FDOT DESIGN STANDARDS FOR EROSION CONTROL (100 SERIES).
37. CONTRACTOR MUST MAINTAIN DRAINAGE AT ALL TIMES. THE EXISTING DRAINAGE SYSTEM SHALL BE KEPT OPERATIONAL OR TEMPORARY DRAINAGE PROVIDED WHILE THE PROPOSED DRAINAGE SYSTEM IS BEING CONSTRUCTED. THE CONTRACTOR SHALL PROVIDE THE NECESSARY TEMPORARY DRAINAGE AS APPROVED BY THE ENGINEER. ALL COSTS SHALL BE INCLUDED IN THE PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
38. AT THE END OF EACH WORK DAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE, ANY DROP OFF GREATER THAN 6 INCHES (150 MM) ADJACENT TO THE PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAVEL PATHS SHALL BE BACKFILLED FLUSH WITH SAID PATHS OR PROTECTED WITH TEMPORARY FENCE, CONCRETE BARRIER WALL OR APPROVED HANDRAIL. COST SHALL BE INCLUDED IN THE PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
39. PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAFFIC SHALL BE MAINTAINED AND GUIDED USING APPROVED WARNING LIGHTS, SIGNING, AND DELINEATION DEVICES ON AT LEAST ONE SIDE OF THE PROJECT AT ALL TIMES THROUGHOUT THE PROJECT LIMITS. THE TRAVEL PATH SHALL BE A MINIMUM OF 4 FT. WIDE WITH A SMOOTH SURFACE THAT IS NOT SLICK AND IT SHOULD BE RAMPED AS NECESSARY FOR CONTINUITY. COST SHALL BE INCLUDED IN THE PAY ITEM 102-1, MAINTENANCE OF TRAFFIC. MIDBLOCK CROSSWALKS SHALL BE MAINTAINED WITH ADA ACCESSIBLE PATH CONNECTING BOTH SIDES OR A PEDESTRIAN M.O.T. SHALL BE SUBMITTED AND APPROVED BY TRAFFIC ENGINEERING DIVISION FOR ALTERNATE ROUTE.
40. THE CONTRACTOR SHALL FURNISH AND MAINTAIN VARIABLE MESSAGE SIGNS AS DIRECTED BY THE ENGINEER. MESSAGES FOR THE VMS SHALL BE AS DIRECTED BY THE ENGINEER. THE VMS SHALL BE IN PLACE ONE WEEK BEFORE THE START OF ANY WORK ITEMS AFFECTING THE EXISTING VEHICULAR AND PEDESTRIAN TRAFFIC. VMS INSTALLATION, OPERATION, AND REMOVAL TO BE INCLUDED IN THE PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
41. THE CONTRACTOR MUST PROVIDE FLASHING ARROW BOARD FOR ANY LANE THAT IS CLOSED OR DIVERTED.

GENERAL NOTES

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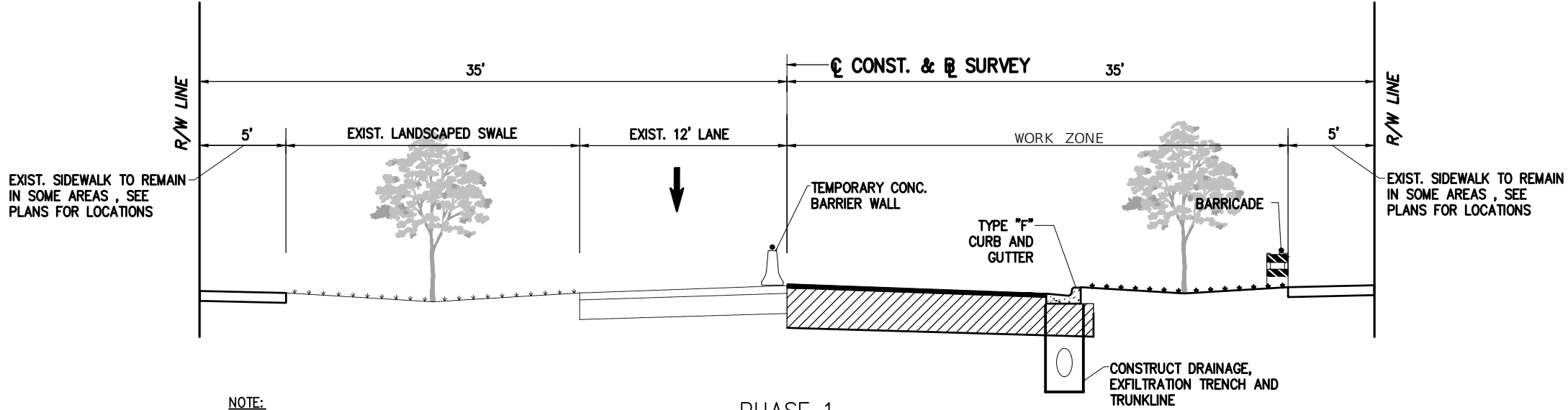


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MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

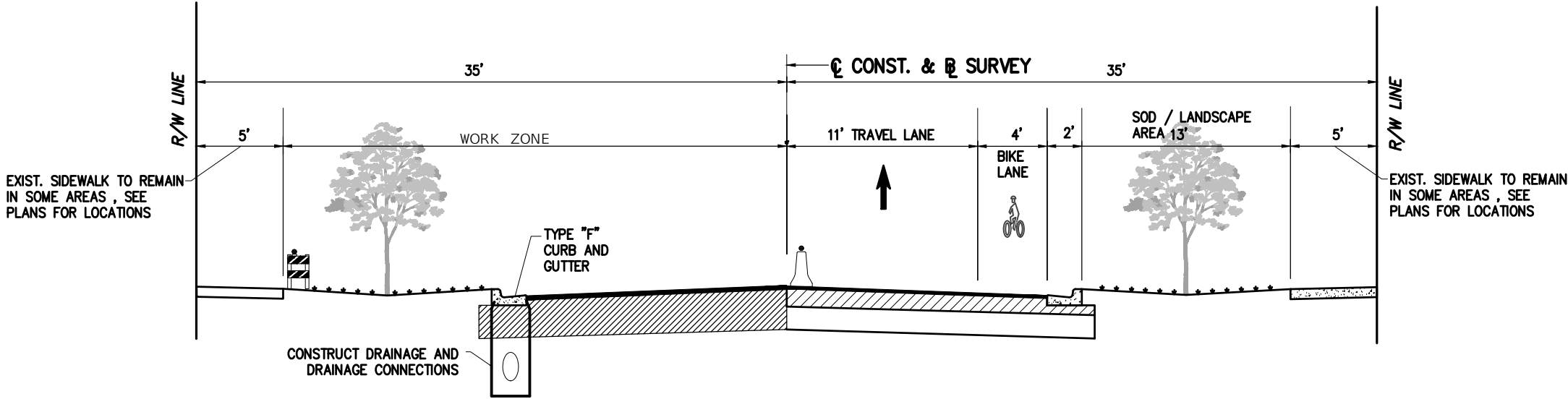


NOTE:
SEE SHEET C-78 FOR NORTHBOUND TRAFFIC
DETOUR ROUTE

PHASE 1
SUB-PHASE "A"
FROM STA 10+96 TO STA 27+94
N.T.S.

CONSTRUCTION SEQUENCE

PHASE 1: FROM STA 10+96 TO STA 27+94 REMOVE EXIST. PAVEMENT, CONSTRUCT EXFILTRATION TRENCH, PROPOSED PAVEMENT, SIDEWALK, CURB AND GUTTER, DRAINAGE SYSTEM AND LIGHTING. MAINTAIN 1-11' (MIN) TRAFFIC LANES IN THE EXISTING PAVEMENT AS SHOWN IN TYPICAL SECTION. PROVIDE TEMPORARY SIGNAL AND PAVEMENT MARKINGS, AND BARRICADES.



NOTE:
SEE SHEET C-78 FOR SOUTHBOUND TRAFFIC
DETOUR ROUTE

PHASE 1
SUB-PHASE "B"
FROM STA 10+96 TO STA 27+94
N.T.S.

PHASE 1

REVISIONS							
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY

**Stantec**
901 Ponce de Leon Blvd, Suite 900
Coral Gables, Florida 33134
www.stantec.com

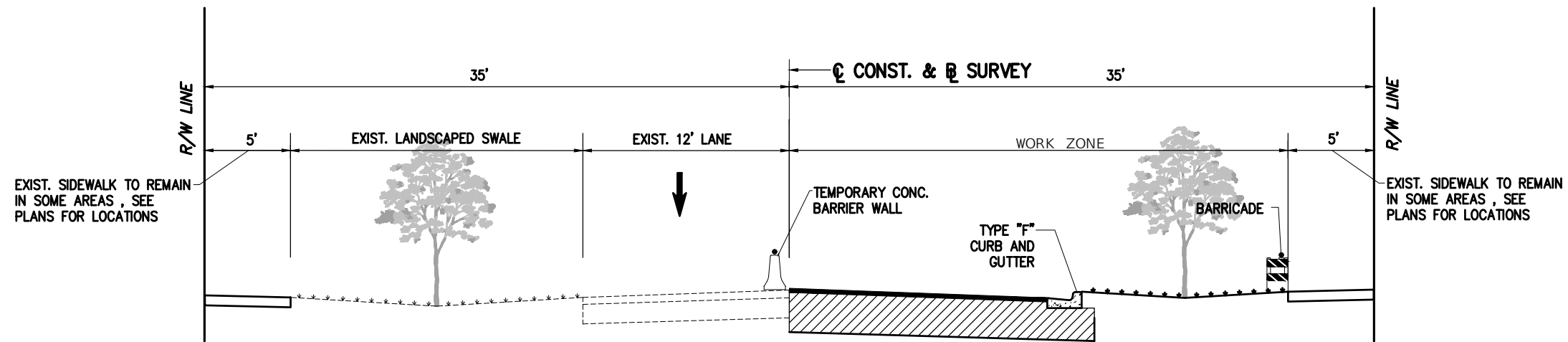
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SUPERVISED BY:					

**MIAMI-DADE COUNTY**

**DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION**
STEPHEN P. CLARK, CENTER
111 NW 1st St
MIAMI, FLORIDA 33128

MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

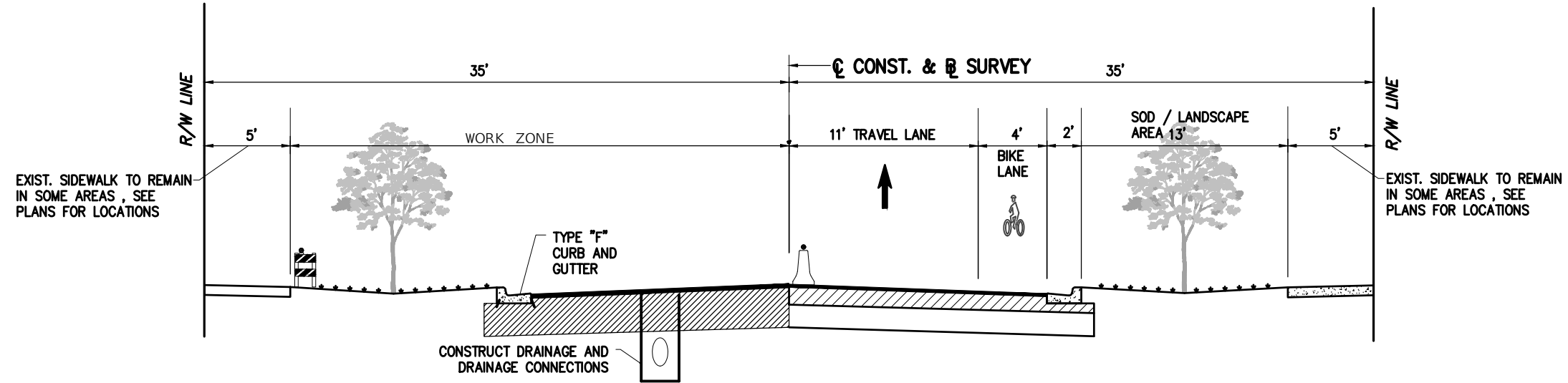


NOTE:
SEE SHEET C-78 FOR NORTHBOUND TRAFFIC
DETOUR ROUTE

PHASE 2
SUB-PHASE "A"
FROM STA 27+94 TO STA 46+55
N.T.S.

CONSTRUCTION SEQUENCE

PHASE 2 FROM STA 27+94 TO STA 46+55 REMOVE EXIST. PAVEMENT, CONSTRUCT EXFILTRATION TRENCH, PROPOSED PAVEMENT, SIDEWALK, CURB AND GUTTER, DRAINAGE SYSTEM AND LIGHTING. MAINTAIN 1-11' (MIN) TRAFFIC LANES IN THE EXISTING PAVEMENT AS SHOW IN TYPICAL SECTION. PROVIDE TEMPORARY SIGNAL AND PAVEMENT MARKINGS, AND BARRICADES.



NOTE:
SEE SHEET C-78 FOR SOUTHBOUND TRAFFIC
DETOUR ROUTE

PHASE 2
SUB-PHASE "B"
FROM STA 27+94 TO STA 46+55

PHASE 2

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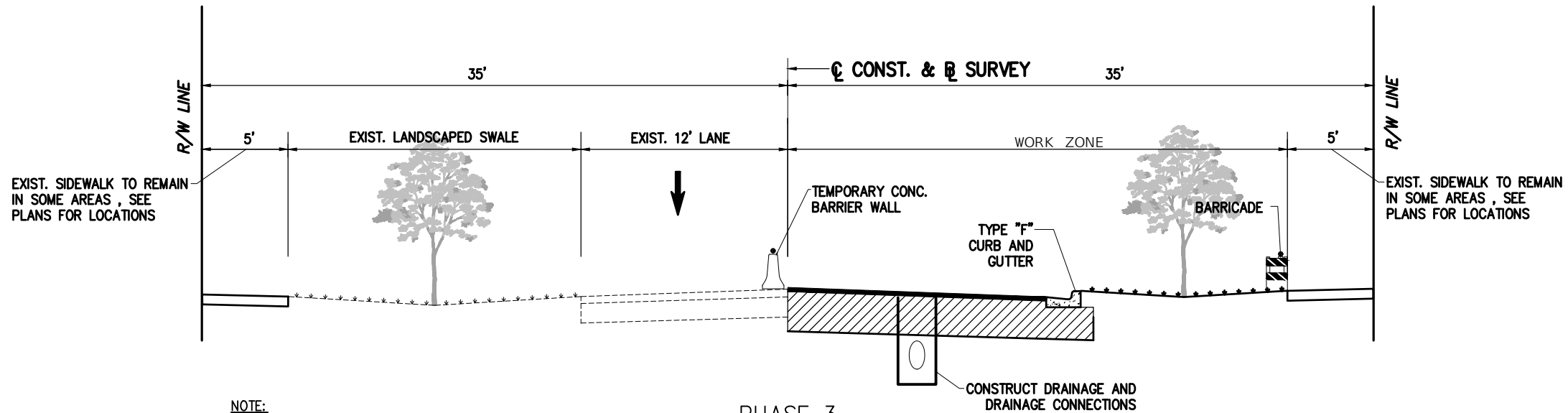
901 Ponce de Leon Blvd, Suite 900
Coral Gables, Florida 33134
www.stantec.com

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DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1st St
MIAMI, FLORIDA 33128

MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

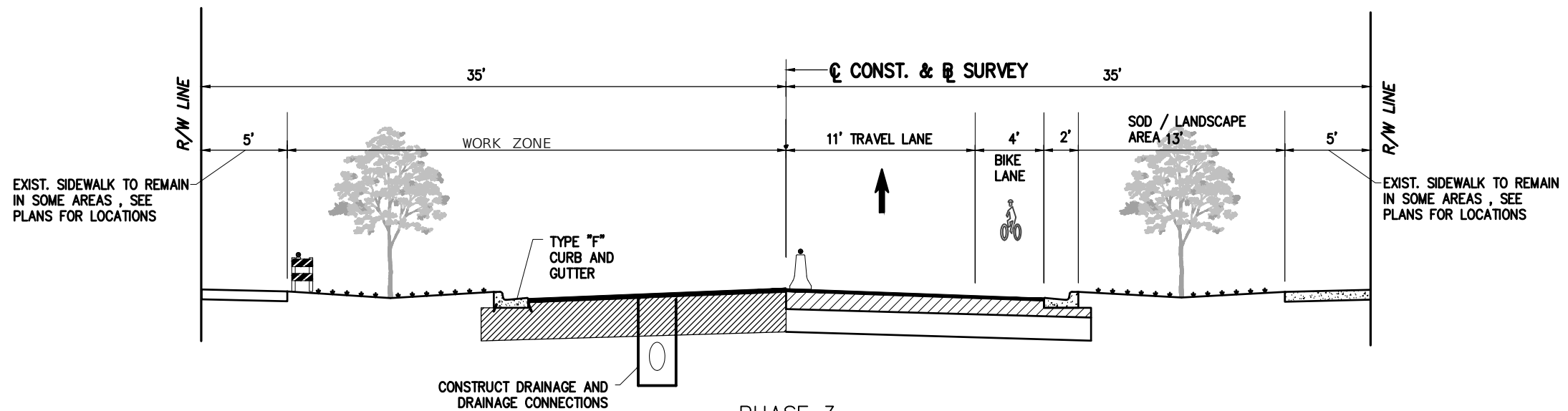


NOTE:
SEE SHEET C-78 FOR NORTHBOUND TRAFFIC
DETOUR ROUTE

PHASE 3
SUB-PHASE "A"
FROM STA 46+95 TO STA 69+72
N.T.S.

CONSTRUCTION SEQUENCE

PHASE 3: FROM STA 46+95 TO STA 69+72 REMOVE EXIST. PAVEMENT, CONSTRUCT EXFILTRATION TRENCH, PROPOSED PAVEMENT, SIDEWALK, CURB AND GUTTER, DRAINAGE SYSTEM AND LIGHTING. MAINTAIN 1-11' (MIN) TRAFFIC LANES IN THE EXISTING PAVEMENT AS SHOWN IN TYPICAL SECTION. PROVIDE TEMPORARY SIGNAL AND PAVEMENT MARKINGS, AND BARRICADES.



NOTE:
SEE SHEET C-78 FOR SOUTHBOUND TRAFFIC
DETOUR ROUTE

PHASE 3
SUB-PHASE "B"
FROM STA 46+95 TO STA 69+72
N.T.S.

PHASE 3

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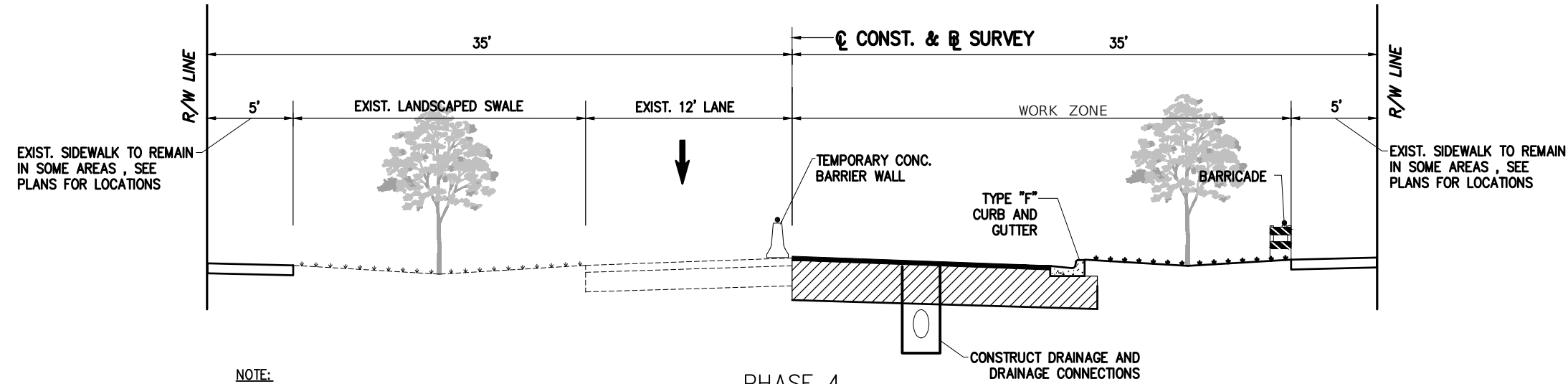


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MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

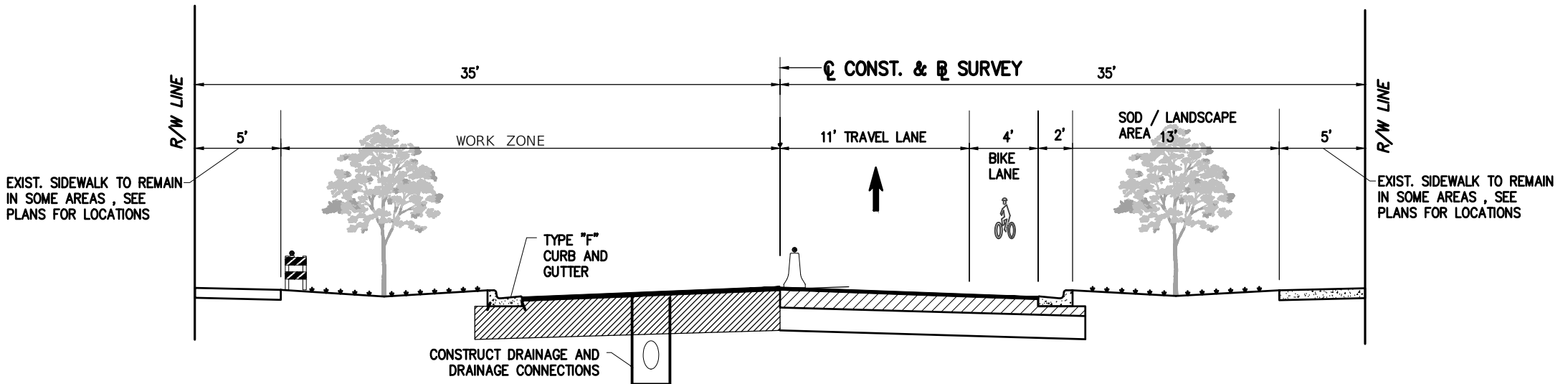


NOTE:
SEE SHEET C-78 FOR NORTHBOUND TRAFFIC
DETOUR ROUTE

PHASE 4
SUB-PHASE "A"
FROM STA 69+72 TO STA 95+80
N.T.S.

CONSTRUCTION SEQUENCE

PHASE 4: FROM STA 69+72 TO STA 95+80 REMOVE EXIST. PAVEMENT, CONSTRUCT EXFILTRATION TRENCH, PROPOSED PAVEMENT, SIDEWALK, CURB AND GUTTER, DRAINAGE SYSTEM AND LIGHTING. MAINTAIN 1-11' (MIN) TRAFFIC LANES IN THE EXISTING PAVEMENT AS SHOW IN TYPICAL SECTION. PROVIDE TEMPORARY SIGNAL AND PAVEMENT MARKINGS, AND BARRICADES.



NOTE:
SEE SHEET C-78 FOR SOUTHBOUND TRAFFIC
DETOUR ROUTE

PHASE 4
SUB-PHASE "B"
FROM STA 69+72 TO STA 95+80
N.T.S.

PHASE 4

REVISIONS							
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY



The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

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MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

MIAMI-DADE COUNTY PUBLIC WORKS DEPT.
HIGHWAY DIVISION
FRANJO ROAD
FROM OLD CUTLER RD TO SW 184TH STREET
PROJECT NO. 215615952

SHEET E-01 OF 19

LEGEND

SYMBOLS

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DESCRIPTION

1-2" HIGH DENSITY POLYETHYLENE (HDPE) CONDUIT (UNDER PAVEMENT, DIRECTIONAL BORE), UL EPEC-80, WITH RHW-2/XLP CONDUCTORS INSIDE EACH CONDUIT:

LIGHTING CIRCUIT (480V) - ONE WITH BROWN INSULATION, ONE WITH ORANGE INSULATION, AND ONE GROUND WITH GREEN INSULATION. (NUMBER AND SIZE OF CONDUCTORS AS SHOWN ON SCHEMATIC SHEETS)

1-2" SCHEDULE 40 PVC CONDUITS WITH RHW-2/XLP CONDUCTORS INSIDE EACH CONDUIT:

LIGHTING CIRCUIT (480V) - ONE WITH BROWN INSULATION, ONE WITH ORANGE INSULATION, AND ONE GROUND WITH GREEN INSULATION. (NUMBER AND SIZE OF CONDUCTORS AS SHOWN ON SCHEMATIC SHEETS)

SIGN CIRCUIT - ONE WITH BLACK INSULATION, ONE NEUTRAL WITH WHITE INSULATION, AND ONE GROUND WITH GREEN INSULATION. (NUMBER AND SIZE OF CONDUCTORS AS SHOWN ON SCHEMATIC SHEETS)

SERVICE POINT

PULL BOX

PULL BOXES REQUIRED AT EACH:

1. ONE (1) PULL BOXES AT BASE OF SERVICE POLE.
2. ONE (1) PULL BOXES AT BASE AT EACH POLE.
3. AS NECESSARY FOR COMPLETION OF THE PROJECT.

LIGHTING DESIGN CRITERIA
SOURCE: MIAMI-DADE ROADWAY LIGHTING DESIGN MANUAL 2016
DESIGN SPEED:
30 MPH
AVERAGE:
0.6c
AVERAGE/MIN:
4:1 OR LESS
MAX/MIN:
10:1 OR LESS
VEILING LUMINANCE RATIO:
0.3:1 OR LESS
ROUNDABOUT AVERAGE:
0.78c TO 1.2fc (1.3x TO 2x APPROACH)
ROUNDABOUT AVG/MIN:
3:1 OR LESS
MIDBLOCK CROSSWALK:
2.3c VERTICAL
CARIBBEAN INTERSECTION:
1.7c

GENERAL NOTES

1. POWER COMPANY SHALL PROVIDE INCOMING SERVICE AT LOCATION SPECIFIED IN ACCORDANCE WITH THE PLANS. THE DATE REQUIRED FOR INCOMING SERVICE TO BE COMPLETED MUST BE COORDINATED BY THE CONTRACTOR WITH THE POWER COMPANY AT THE PRE CONSTRUCTION MEETING.

2. ALL EXPOSED CONDUIT OR SURFACE MOUNTED CONDUIT SHALL BE GALVANIZED STEEL AND GROUNDED.

3. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND AVOIDING ALL UNDERGROUND AND STRUCTURAL CONFLICTS IN COOPERATION WITH THE UTILITY COMPANY(S).

4. STATIONING MAY BE ADJUSTED AS DIRECTED TO AVOID UTILITY OR STRUCTURAL CONFLICTS NOT INDICATED IN THE PLANS.

5. SIDEWALK SLABS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED IN FULL AND COLORED WHEN NECESSARY TO MATCH THE EXISTING SIDEWALK.

6. CONTRACTOR MUST MAINTAIN THE EXISTING LIGHTING SYSTEM IN OPERATION OR SUPPLY A TEMPORARY ONE UNTIL THE NEW LIGHTING SYSTEM CAN BE ACTIVATED. IF THE EXISTING LIGHTING SYSTEM IS OWNED BY F.P.&L, SEE FDOT SPECIFICATION FOR ROADWAY LIGHTING SPECIAL PROVISIONS, SECTION 715.

7. ALL MATERIAL, UNLESS OTHERWISE SPECIFIED, SHALL BE UNDERWRITERS LABORATORY APPROVED.

8. POLES, BRACKET ARMS, AND TRANSFORMER BASES SHALL BE ALUMINUM AND DESIGNED IN ACCORDANCE WITH LOCAL DESIGN CRITERIA USING THE APPLICABLE EQUATIONS FOUND IN THE AASHTO PUBLICATION "STANDARD SPECIFICATIONS FOR HIGHWAY, SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS," CURRENT EDITION.

9. THE WIRES AT THE POLE, HANDHOLE, AND PULL BOXES SHALL BE LOOPED AS INDICATED IN THE PLAN DETAIL WITH SUFFICIENT LENGTH TO COMPLETELY REMOVE CONNECTORS TO THE OUTSIDE, TO MAKE THEM ACCESSIBLE FOR CHANGING FUSES AND TROUBLE SHOOTING THE SYSTEM.

10. THE LUMINAIRE MANUFACTURER SHALL PLACE A PERMANENT TAG ON THE LUMINAIRE HOUSING ON WHICH IS IMPRINTED THE FOLLOWING INFORMATION: WATTAGE, BALLAST TYPE, LAMP SHOWN ON DESIGN PLANS, LAMP SETTING (POSITION IN LUMINAIRE), I.E.S., LIGHT DISTRIBUTION WITH THIS LAMP IN THE POSITION SPECIFIED, INPUT VOLTAGE AND POWER FACTOR, LUMINAIRE PHOTOMETRIC SUBMITTALS REQUIRED.

11. GROUND RODS SHALL HAVE A RESISTANCE TO GROUND NOT TO EXCEED 25 OHMS. WHERE THE RESISTANCE IS NOT AS LOW AS 25 OHMS, TWO OR MORE GROUND RODS CONNECTED IN PARALLEL SHALL BE USED.

12. CONTRACTOR WILL INCLUDE IN THE COST OF THE LIGHTING POLE ANY LEVELING AND GRADING REQUIRED TO INSURE THAT ALL POLES ARE INSTALLED AT THE PROPER ELEVATION.

13. ALL SALVAGEABLE MATERIALS AND ALL MATERIALS TO BE FURNISHED BY THE CONTRACTOR SHALL BE TRANSPORTED AND OFF-LOADED TO THE FOLLOWING LOCATION FOR INSPECTION AND ACCEPTANCE BY THE COUNTY:
MIAMI-DADE COUNTY MAINTENANCE YARD
7100 NW 38th STREET
MIAMI, FL 33166
TELEPHONE: (305) 592-3580

14. CONTRACTOR MUST CONTACT BELL SOUTH, FP&L, AND OTHER UTILITY COMPANIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND MUST NOTIFY ENGINEER AND MIAMI-DADE COUNTY IF FIELD CONDITIONS DIFFER FROM CONDITIONS INDICATED ON THESE DRAWINGS.

15. IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (N.E.C.) OR WITH THE MIAMI-DADE COUNTY STANDARDS, THE CONTRACTOR MUST IDENTIFY ALL CIRCUITS AND EQUIPMENT INCLUDING THE PROPOSED LIGHT POLE ASSEMBLIES.

16. PULL BOXES, JUNCTION BOXES, AND ALL ELECTRICAL WORK MUST CONFORM TO N.E.C. (LATEST REQUIREMENTS), THE NATIONAL ELECTRICAL SAFETY CODE AND MIAMI-DADE COUNTY STANDARDS.

17. USE PVC SCHEDULE 40 CONDUIT THROUGHOUT THE ENTIRE UNDERGROUND SYSTEM UNLESS OTHERWISE NOTED. AT STREET CROSSINGS THE CONDUIT SHOULD BE EMBEDDED IN 1:10 CONCRETE MIXTURE.

18. ANY INCIDENTAL ITEMS OR ACCESSORIES REQUIRED TO COMPLETE THE WORK FOR A GIVEN BID ITEM, SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THAT SPECIFIC ITEM AS INDICATED IN THE BID FORM. INCIDENTAL ITEMS MAY INCLUDE, BUT ARE NOT LIMITED TO: ELBOWS, SPLIT BOLT CONNECTORS, FUSES AND FUSE HOLDERS, ELECTRICAL TAPE, SCOTCHKOTE, PVC GLUE, TRENCHING, BACKFILLING, PAVEMENT RESTORATION, CONCRETE SLAB REPLACEMENT, ETC.

19. POLES SHALL HAVE A FRANGIBLE TRANSFORMER BASE.

20. ALL GROUNDING CONNECTIONS SHALL BE EXOTHERMICALLY WELDED FOLLOWING THE MANUFACTURER'S GUIDELINES.

21. CONTRACTOR MUST MINIMIZE TRENCHING ACROSS STREETS BY COORDINATING THE LIGHT PLANS WITH THE SIGNALIZATION INTERCONNECT CONDUIT/WIRING AS DEPICTED ON THESE DRAWINGS.

22. MAINTAINING AGENCY FOR LIGHTING IS MIAMI-DADE COUNTY. CONTRACTOR MUST CONTACT/COORDINATE WITH APPLICABLE COUNTY OFFICIALS AND INSPECTORS PRIOR TO CONSTRUCTION.

23. CONTRACTOR SHALL MAINTAIN SAFE ACCESS TO SIDE STREETS, PRIVATE, AND COMMERCIAL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

24. ALL CONDUIT TRENCHING MUST BE PROPERLY BACKFILLED TO PROVIDE SAFE CROSSING AT THE END OF EACH WORK DAY OR WHENEVER THE WORK ONE BECOMES INACTIVE.

25. THE CONTRACTOR MUST EXERCISE EXTREME CAUTION WHEN WORKING THE VICINITY OF EXISTING AND PROPOSED UNDERGROUND AND OVERHEAD UTILITIES.

26. STREET LIGHTS MUST COMPLY WITH OSHA REQUIRED MINIMUM CLARENCE SEPARATION FROM FPL LINES AND COMMUNICATION LINES.

27. THE CONTRACTOR SHALL FURNISH SIGNED AND SEALED AS-BUILT DRAWINGS, SENT ELECTRONICALLY, WHICH ARE TO INCLUDE THE GPS COORDINATES FOR ALL INSTALLED POLES AND SERVICE POINT LOCATIONS.

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Point Number	Station	Offset	Latitude	Longitude	Description	MTG HT	Arm Length	Circuit #
1	11+00.87	21.79'	N25° 34' 44.61"	W80° 20' 08.71"	A	39 FT	6	3
2	12+12.68	21.59'	N25° 34' 45.47"	W80° 20' 09.49"	A	39 FT	6	3
3	13+20.06	21.59'	N25° 34' 46.29"	W80° 20' 10.24"	A	39 FT	6	2
4	14+19.97	-21.08'	N25° 34' 46.78"	W80° 20' 11.29"	A	39 FT	6	2
5	15+00.10	34.40'	N25° 34' 47.74"	W80° 20' 11.38"	A	39 FT	6	3
6	15+86.81	-21.42'	N25° 34' 48.05"	W80° 20' 12.45"	A	39 FT	6	2
7	16+95.08	21.09'	N25° 34' 49.15"	W80° 20' 12.85"	A	39 FT	6	3
8	17+95.27	-21.97'	N25° 34' 49.64"	W80° 20' 13.91"	A	39 FT	6	2
9	18+87.31	21.11'	N25° 34' 50.62"	W80° 20' 14.18"	A	39 FT	6	3
10	19+81.47	-21.06'	N25° 34' 51.07"	W80° 20' 15.19"	A	39 FT	6	2
11	20+44.30	18.92'	N25° 34' 51.80"	W80° 20' 15.29"	A	39 FT	6	3
12	21+31.03	-21.07'	N25° 34' 52.21"	W80° 20' 16.23"	A	39 FT	6	2
13	21+57.33	93.09'	N25° 34' 53.13"	W80° 20' 15.46"	A	39 FT	6	3
14	21+94.47	-49.74'	N25° 34' 52.52"	W80° 20' 16.92"	A	39 FT	6	2
15	22+27.75	34.33'	N25° 34' 53.30"	W80° 20' 16.44"	A	39 FT	6	3
16	22+39.86	-91.49'	N25° 34' 52.60"	W80° 20' 17.58"	A	39 FT	6	2
17	23+26.70	-23.97'	N25° 34' 53.69"	W80° 20' 17.62"	A	39 FT	6	2
18	24+11.44	-22.87'	N25° 34' 54.34"	W80° 20' 18.20"	A	39 FT	6	2
19	25+02.54	21.14'	N25° 34' 55.32"	W80° 20' 18.46"	A	39 FT	6	3
20	26+12.19	-21.18'	N25° 34' 55.89"	W80° 20' 19.58"	A	39 FT	6	2
21	27+32.19	21.62'	N25° 34' 57.08"	W80° 20' 20.05"	A	39 FT	6	3
22	28+32.26	-21.12'	N25° 34' 57.57"	W80° 20' 21.11"	A	39 FT	6	2
23	29+32.06	21.50'	N25° 34' 58.60"	W80° 20' 21.44"	A	39 FT	6	3
24	30+32.04	-21.17'	N25° 34' 59.10"	W80° 20' 22.50"	A	39 FT	6	2
25	31+47.28	21.24'	N25° 35' 00.26"	W80° 20' 22.92"	A	39 FT	6	3
26	32+46.98	-21.14'	N25° 35' 00.77"	W80° 20' 23.96"	A	39 FT	6	2
27	33+58.37	21.66'	N25° 35' 01.89"	W80° 20' 24.35"	A	39 FT	6	3
28	34+57.36	-21.37'	N25° 35' 02.40"	W80° 20' 25.39"	A	39 FT	6	2
29	35+59.35	21.34'	N25° 35' 03.45"	W80° 20' 25.72"	A	39 FT	6	3
30	36+47.05	-21.12'	N25° 35' 03.87"	W80° 20' 26.68"	A	39 FT	6	2
31	37+47.95	21.13'	N25° 35' 04.91"	W80° 20' 27.00"	A	39 FT	6	3
32	38+64.70	-21.40'	N25° 35' 05.55"	W80° 20' 28.16"	A	39 FT	6	2
33	39+74.99	21.14'	N25° 35' 06.67"	W80° 20' 28.55"	A	39 FT	6	3
34	40+94.66	-21.13'	N25° 35' 07.34"	W80° 20' 29.72"	A	39 FT	6	2
35	41+94.46	21.09'	N25° 35' 08.37"	W80° 20' 30.04"	A	39 FT	6	3
36	42+92.69	-21.12'	N25° 35' 08.87"	W80° 20' 31.07"	A	39 FT	6	2
37	43+94.54	21.13'	N25° 35' 09.92"	W80° 20' 31.40"	A	39 FT	6	3
38	44+99.75	-29.14'	N25° 35' 10.43"	W80° 20' 32.64"	A	39 FT	6	2
39	46+24.02	26.82'	N25° 35' 11.74"	W80° 20' 32.91"	B	39 FT	6	1
40	47+31.05	26.82'	N25° 35' 12.57"	W80° 20' 33.64"	B	39 FT	6	1
41	48+30.21	-29.51'	N25° 35' 12.99"	W80° 20' 34.79"	A	39 FT	6	4
42	49+14.93	23.77'	N25° 35' 13.98"	W80° 20' 34.91"	A	39 FT	6	1
43	50+16.89	-21.13'	N25° 35' 14.49"	W80° 20' 35.99"	A	39 FT	6	4
44	51+24.98	21.28'	N25° 35' 15.59"	W80° 20' 36.36"	A	39 FT	6	1
45	52+40.25	-23.16'	N25° 35' 16.21"	W80° 20' 37.52"	A	39 FT	6	4
46	53+24.63	21.09'	N25° 35' 17.14"	W80° 20' 37.72"	A	39 FT	6	1
47	54+24.65	-24.77'	N25° 35' 17.63"	W80° 20' 38.79"	A	39 FT	6	4
48	55+19.19	21.24'	N25° 35' 18.65"	W80° 20' 39.04"	A	39 FT	6	1
49	56+23.07	-33.79'	N25° 35' 19.11"	W80° 20' 40.22"	A	39 FT	6	4
50	57+26.62	21.38'	N25° 35' 20.25"	W80° 20' 40.45"	A	39 FT	6	1
51	58+26.55	-21.12'	N25° 35' 20.77"	W80° 20' 41.49"	A	39 FT	6	4

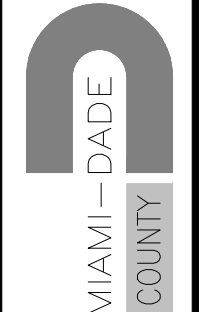
Point Number	Station	Offset	Latitude	Longitude	Description	MTG HT	Arm Length	Circuit #
52	59+26.44	22.97'	N25° 35' 21.81"	W80° 20' 41.79"	A	39 FT	6	1
53	60+05.87	-25.67'	N25° 35' 22.13"	W80° 20' 42.75"	A	39 FT	6	4
54	61+37.01	-25.46'	N25° 35' 23.15"	W80° 20' 43.64"	A	39 FT	6	4
55	62+30.77	23.61'	N25° 35' 24.18"	W80° 20' 43.86"	A	39 FT	6	1
56	63+36.51	-23.74'	N25° 35' 24.70"	W80° 20' 44.98"	A	39 FT	6	4
57	64+37.23	23.49'	N25° 35' 25.78"	W80° 20' 45.26"	A	39 FT	6	1
58	65+22.24	-24.39'	N25° 35' 26.14"	W80° 20' 46.25"	A	39 FT	6	4
59	66+26.76	21.10'	N25° 35' 27.23"	W80° 20' 46.57"	A	39 FT	6	1
60	67+22.18	-24.39'	N25° 35' 27.69"	W80° 20' 47.61"	A	39 FT	6	4
61	68+16.66	21.12'	N25° 35' 28.70"	W80° 20' 47.86"	A	39 FT	6	1
62	69+35.45	-25.11'	N25° 35' 29.34"	W80° 20' 49.06"	A	39 FT	6	4
63	70+37.01	25.87'	N25° 35' 30.44"	W80° 20' 49.32"	A	39 FT	6	1
64	71+32.23	-25.69'	N25° 35' 30.86"	W80° 20' 50.41"	A	39 FT	6	4
65	72+31.65	25.77'	N25° 35' 31.95"	W80° 20' 50.62"	A	39 FT	6	1
66	73+32.00	-18.71'	N25° 35' 32.54"	W80° 20' 51.62"	A	39 FT	6	4
67	73+93.08	18.80'	N25° 35' 33.17"	W80° 20' 51.53"	A	39 FT	6	1
68	74+18.01	-52.01'	N25° 35' 33.16"	W80° 20' 52.39"	A	39 FT	6	4
69	74+10.11	-99.57'	N25° 35' 32.88"	W80° 20' 52.82"	A	39 FT	6	4
70	74+69.87	28.35'	N25° 35' 33.97"	W80° 20' 51.83"	A	39 FT	6	1
71	75+09.03	-64.51'	N25° 35' 33.98"	W80° 20' 52.94"	A	39 FT	6	4
72	75+54.14	-21.74'	N25° 35' 34.56"	W80° 20' 52.68"	A	39 FT	6	4
73	76+43.96	25.04'	N25° 35' 35.55"	W80° 20' 52.47"	A	39 FT	6	1
74	77+32.73	-21.46'	N25° 35' 36.30"	W80° 20' 53.18"	A	39 FT	6	4
75	78+19.47	-31.19'	N25° 35' 37.16"	W80° 20' 53.42"	A	39 FT	6	4
76	79+19.72	23.77'	N25° 35' 38.19"	W80° 20' 52.89"	A	39 FT	6	1
77	80+29.54	23.87'	N25° 35' 39.27"	W80° 20' 52.89"	A	39 FT	6	1
78	81+29.23	23.87'	N25° 35' 40.26"	W80° 20' 52.90"	A	39 FT	6	1
79	82+48.22	22.37'	N25° 35' 41.44"	W80° 20' 52.92"	A	39 FT	6	1
80	83+61.14	22.40'	N25° 35' 42.56"	W80° 20' 52.92"	A	39 FT	6	1
81	84+49.77	30.10'	N25° 35' 43.43"	W80° 20' 52.84"	A	39 FT	6	1
82	85+69.74	30.10'	N25° 35' 44.62"	W80° 20' 52.85"	A	39 FT	6	1
83	86+65.92	30.10'	N25° 35' 45.58"	W80° 20' 52.85"	A	39 FT	6	1
84	87+69.87	35.81'	N25° 35' 46.61"	W80° 20' 52.79"	A	39 FT	6	1
85	88+65.30	23.70'	N25° 35' 47.55"	W80° 20' 52.93"	A	39 FT	6	1
86	89+69.13	21.46'	N25° 35' 48.58"	W80° 20' 52.96"	A	39 FT	6	1
87	90+35.19	21.08'	N25° 35' 49.23"	W80° 20' 52.97"	C	15 FT	6	1
88	90+66.87	-24.75'	N25° 35' 49.54"	W80° 20' 53.47"	C	15 FT	6	4
89	90+98.61	-26.02'	N25° 35' 49.86"	W80° 20' 53.48"	A	39 FT	6	4
90	91+69.74	21.14'	N25° 35' 50.57"	W80° 20' 52.97"	A	39 FT	6	1
91	92+69.69	-25.88'	N25° 35' 51.55"	W80° 20' 53.49"	A	39 FT	6	4
92	93+78.94	27.04'	N25° 35' 52.64"	W80° 20' 52.91"	A	39 FT	6	1
93	94+81.08	-32.67'	N25° 35' 53.65"	W80° 20' 53.57"	A	39 FT	6	4
94	95+99.46	33.68'	N25° 35' 54.82"	W80° 20' 52.85"	A	39 FT	6	1
STREET LIGHTING SERVICE POINT AND LOAD CENTER					45+52.99	33.47'	W80° 20' 32.94"	
MESSAGE BOARD SERVICE POINT					75+48.65	46.85'	W80° 20' 52.92"	

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



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Coral Gables, Florida 33134
www.stantec.com

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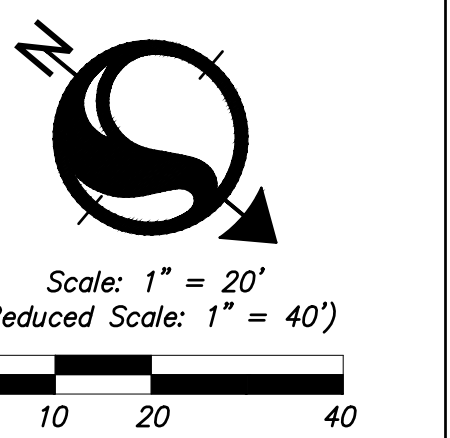


MIAMI-DADE
COUNTY

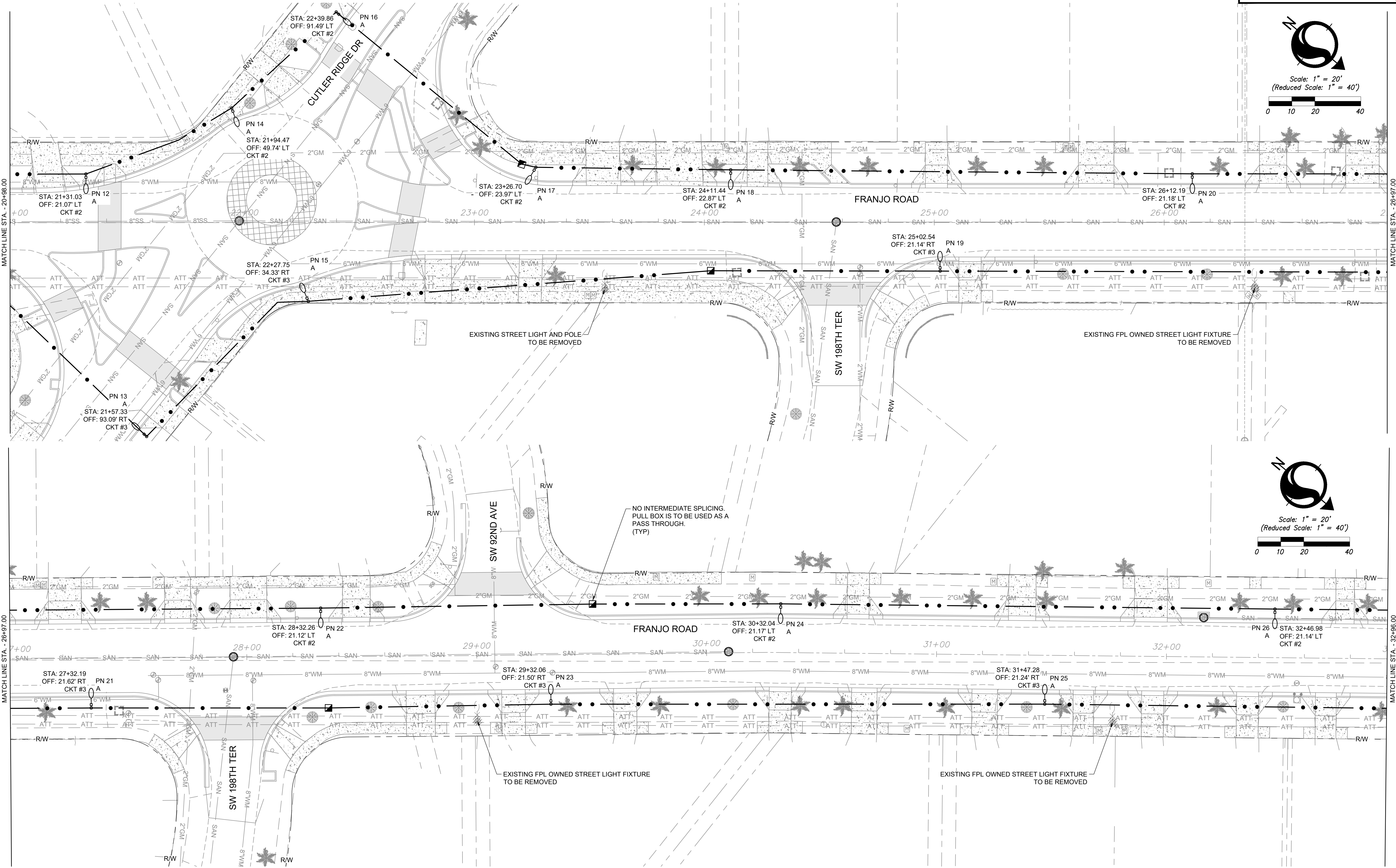
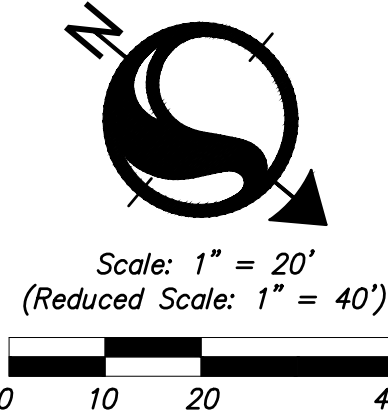
DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS
HIGHWAY DIVISION
STREET LIGHTING CENTER
MIAMI, FLORIDA 33128

NAME	DATE	DRAWN	CHECKED
BB	3/7/2021		
JN			

POLE DATA



MIAMI-DADE COUNTY PUBLIC WORKS DEPT.
HIGHWAY DIVISION
FRANJO ROAD
FROM OLD CUTLER RD TO SW 184TH STREET
PROJECT NO. 215615952 SHEET E-05 OF 19



REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



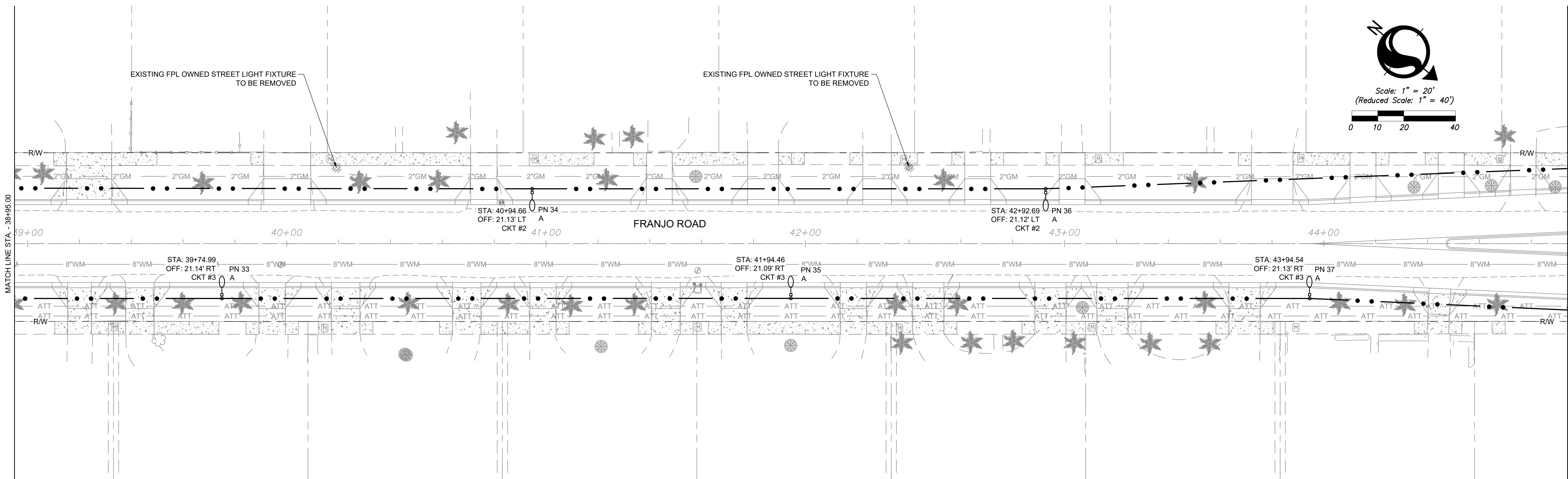
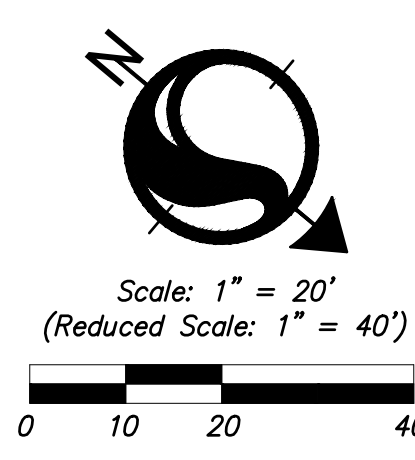
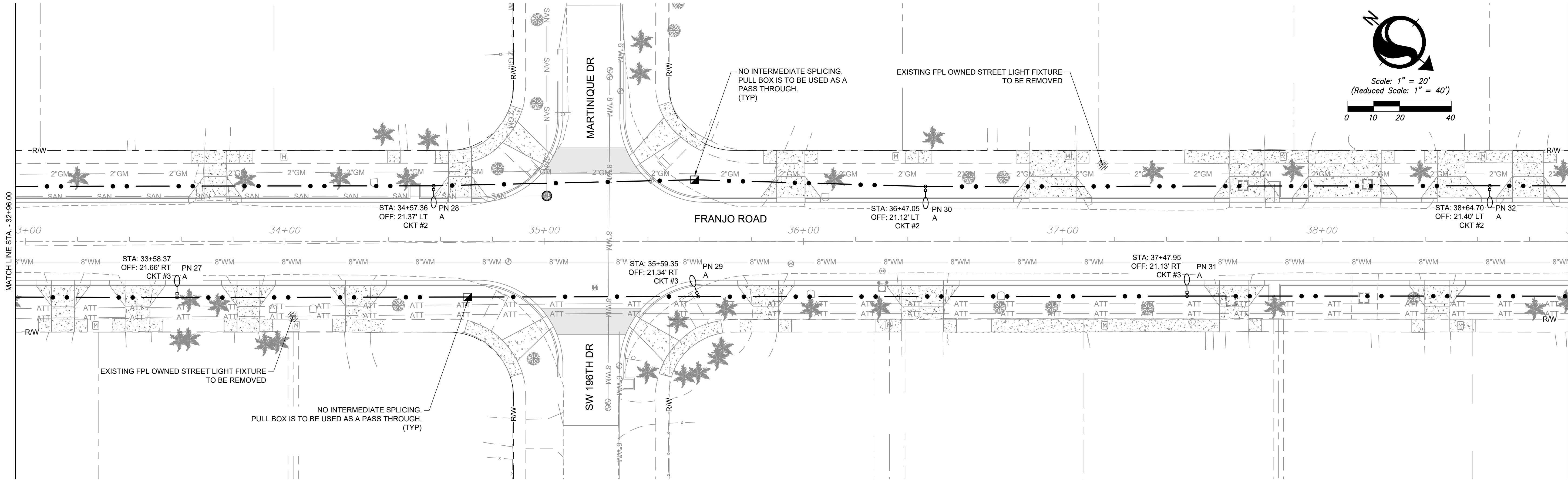
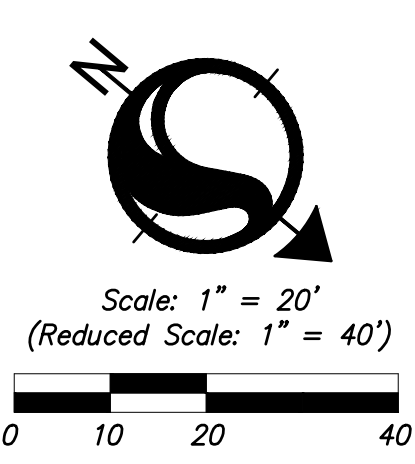
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SUPERVISED BY:	JN				

MIAMI-DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK, CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

STREET LIGHTING PLAN 2



PLOTTED BY: LINER, FRANCO DATE: 12/12/2022 2:43 PM
CREATED: 2022-12-09 - \\US0231-PPFSS01\WORKGROUP\215615952\DRAWING\004-011_STR-UTL-DWG

ITB #23-10
Franjo Road Roadway Improvements Project
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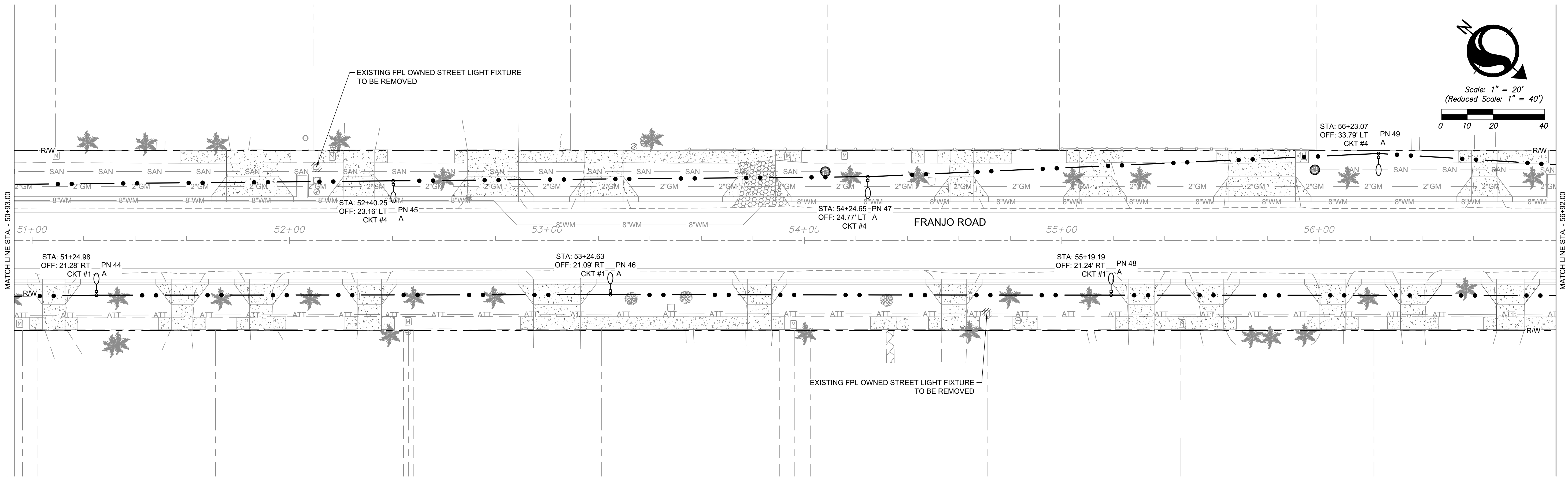
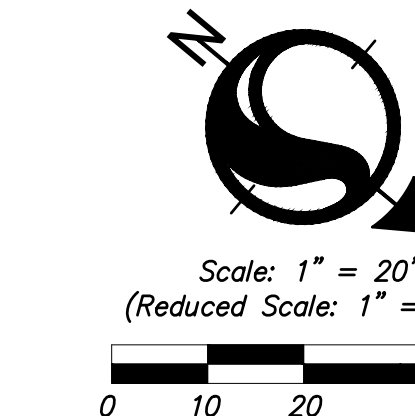
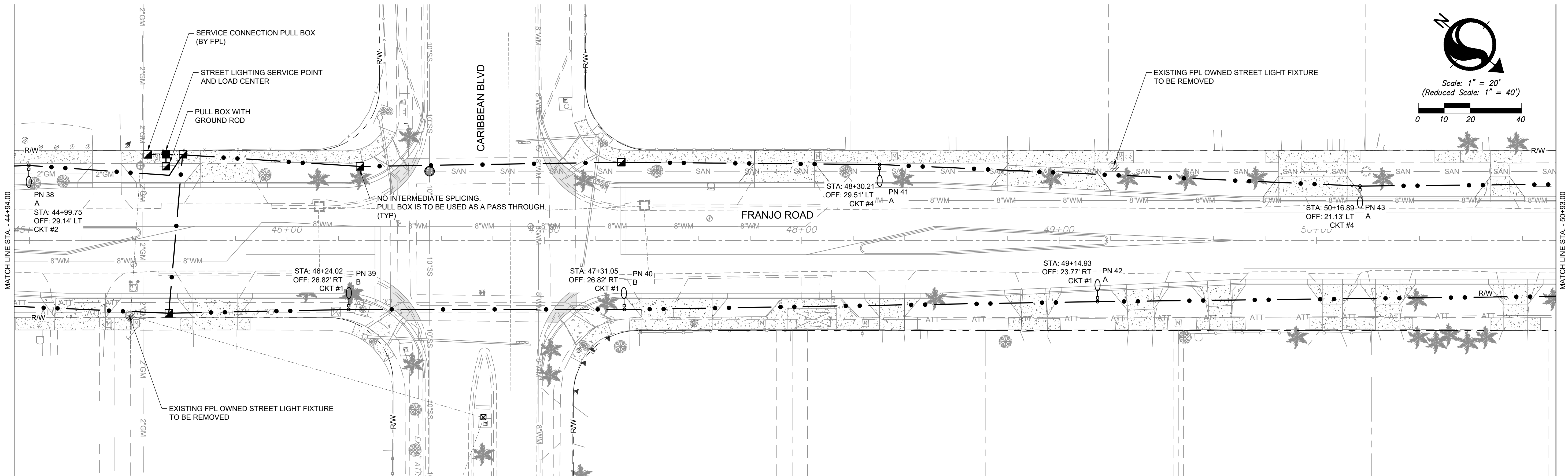
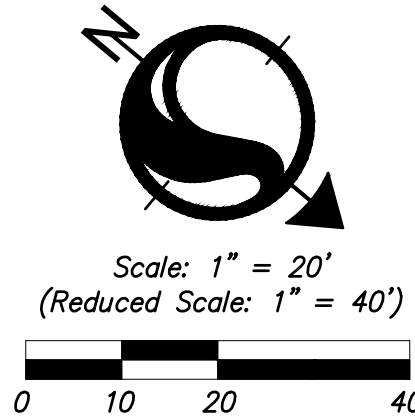
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STREET LIGHTING PLAN 3



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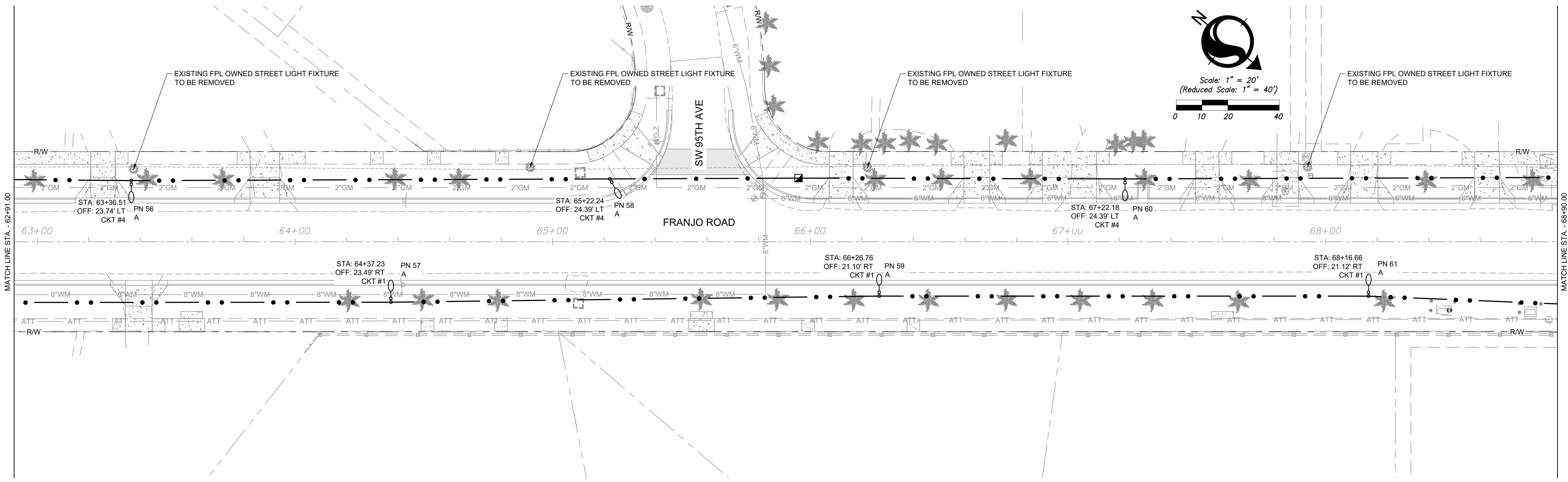
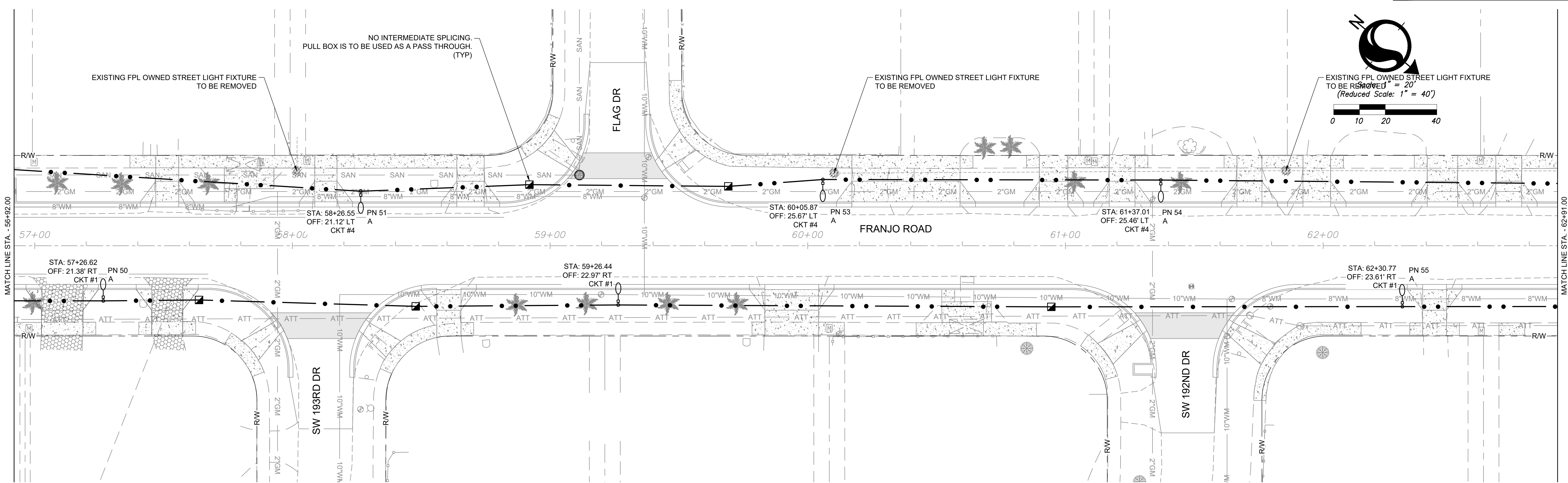


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STREET LIGHTING PLAN 4



PLOTTED BY: LINER, FRANCO DATE: 12/12/2022 2:43 PM
CREATED: 2022-12-09 - \\US0231-PPFSS01\WORKGROUP\215615952\DRAWING\00-00-01-11_STRF-UTRDLING

ITB #23-10
Franjo Road Roadway Improvements Project
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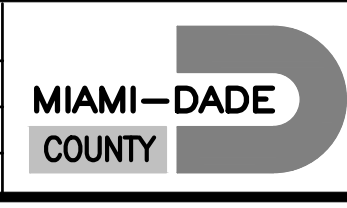
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STREET LIGHTING PLAN 5