

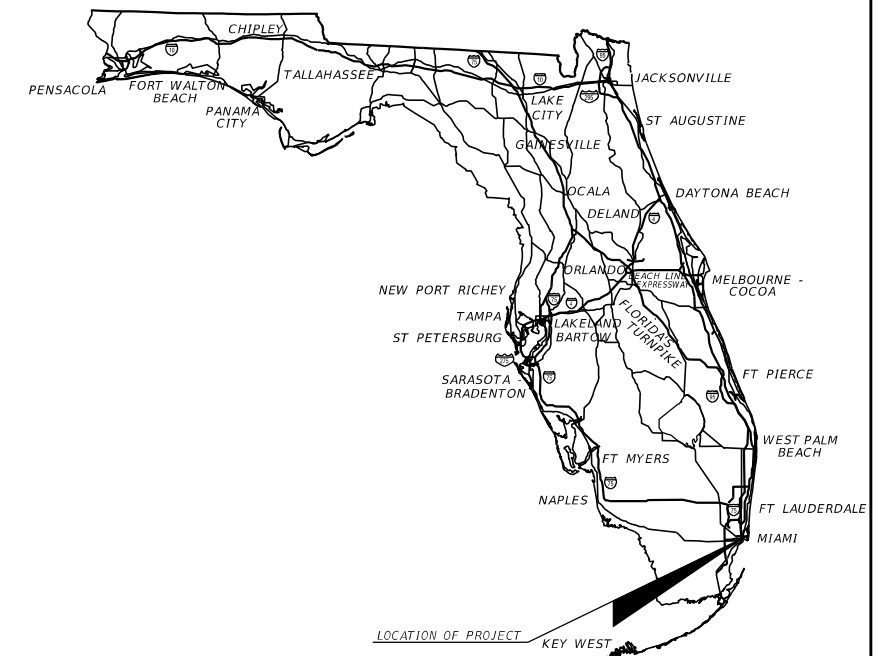
# CITY OF MIAMI BEACH

DRB FINAL SUBMITTAL

SEPTEMBER 7TH, 2021

DRB21-0734

CITY OF MIAMI BEACH PROJECT # 20212288  
 ROUNDABOUT AT PINE TREE DRIVE & W 46TH STREET



MIAMIBEACH

CITY OF MIAMI BEACH

MAYOR: DAN GELBER  
 COMMISSIONERS: MICKY STEINBERG  
 MARK SAMUELIAN  
 MICHAEL GÓNGORA  
 STEVEN MEINER  
 RICKY ARRIOLA  
 DAVID RICHARDSON  
 CITY MANAGER: ALINA T. HUDAK  
 DEPUTY CITY MANAGER: ERIC CARPENTER  
 ASSISTANT CITY MANAGER: MARK TAXIS  
 TRANSPORTATION DEPARTMENT DIRECTOR: JOSÉ R. GONZÁLEZ, P.E.



MIAMI-DADE COUNTY

MAYOR: DANIELLA LEVINE CAVA  
 COMMISSIONERS: OLIVER G. GILBERT, III  
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 KEON HARDEMON  
 SALLY A. HEYMAN  
 EILEEN HIGGINS  
 REBECA SOSA  
 RAQUEL A. REGALADO  
 DANIELLE COHEN HIGGINS  
 KIONNE L. MCGHEE  
 JAVIER D. SOUTO  
 JOE A. MARTINEZ  
 JOSE "PEPE" DIAZ  
 RENÉ GARCIA

**GOVERNING DESIGN STANDARDS:**

City of Miami Beach Public Works Manual  
 Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways "Florida Greenbook" 2018 Edition.

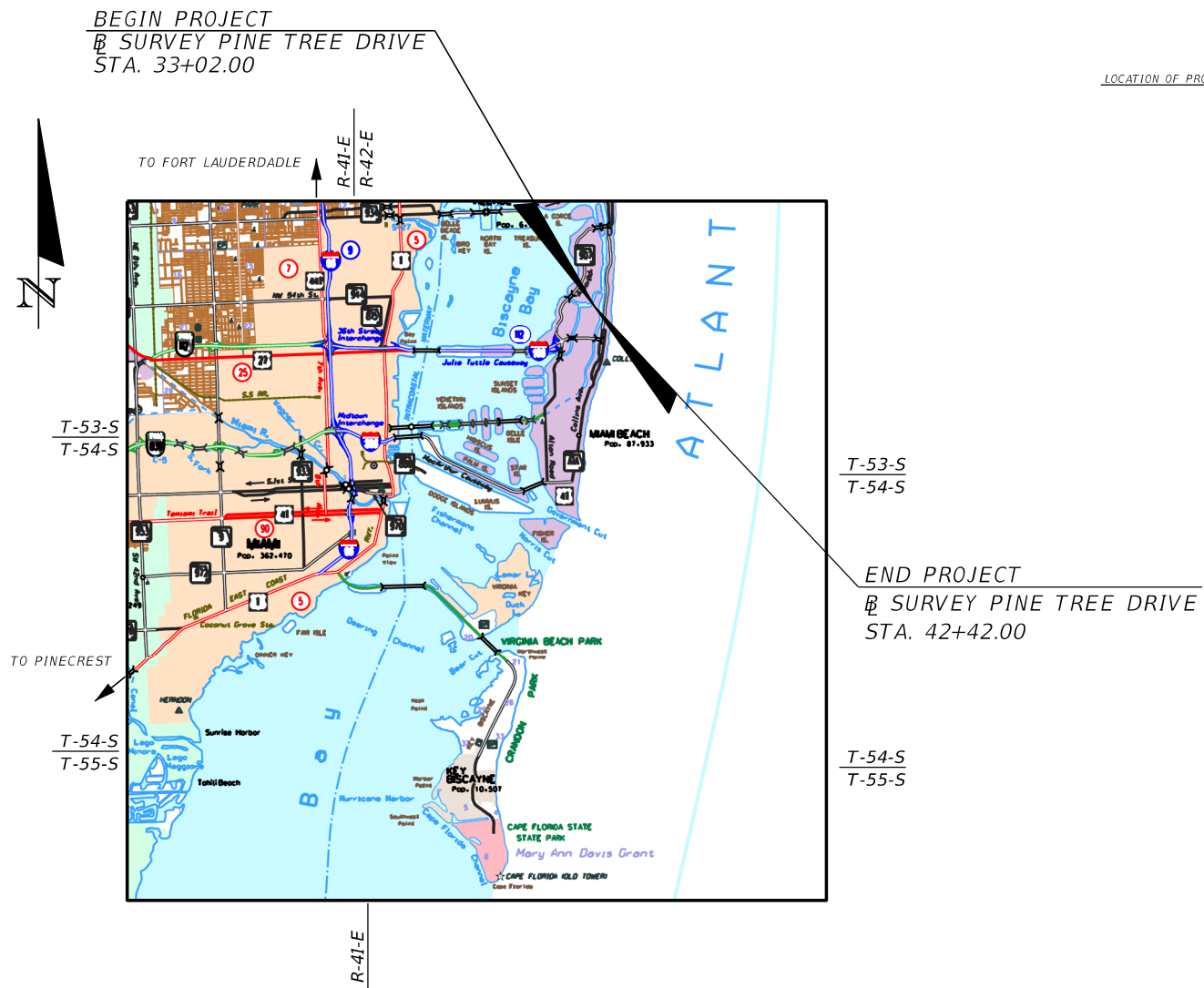
Florida Department of Transportation, FY2021-22 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

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

Manual on Uniform Traffic Control Devices (2009)

**GOVERNING STANDARD SPECIFICATIONS:**

City of Miami Beach, Minimum Specifications  
 Florida Department of Transportation, July 2021 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/implemented/specbooks/default.shtm>



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 Leonte I. Almonte, P.E.  
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**MIAMIBEACH**  
 COUNTY: MIAMI-DADE  
 PROJECT: PINE TREE DRIVE & 46TH STREET

**KEY SHEET**  
 SHEET NO. 1



EXISTING AERIAL VIEW OF PROPOSED WORK AREA

## Project Overview and Benefits

The City of Miami Beach (CMB) has recently completed the traffic analysis and conceptual design for a new roundabout at Pine Tree Drive & 46<sup>th</sup> Street. The goal of the improvement is to reduce crashes, reduce vehicle speeds, and increase pedestrian and bicycle safety.

## What's New

Residents can expect for the following improvements to be constructed after the design phase is completed:

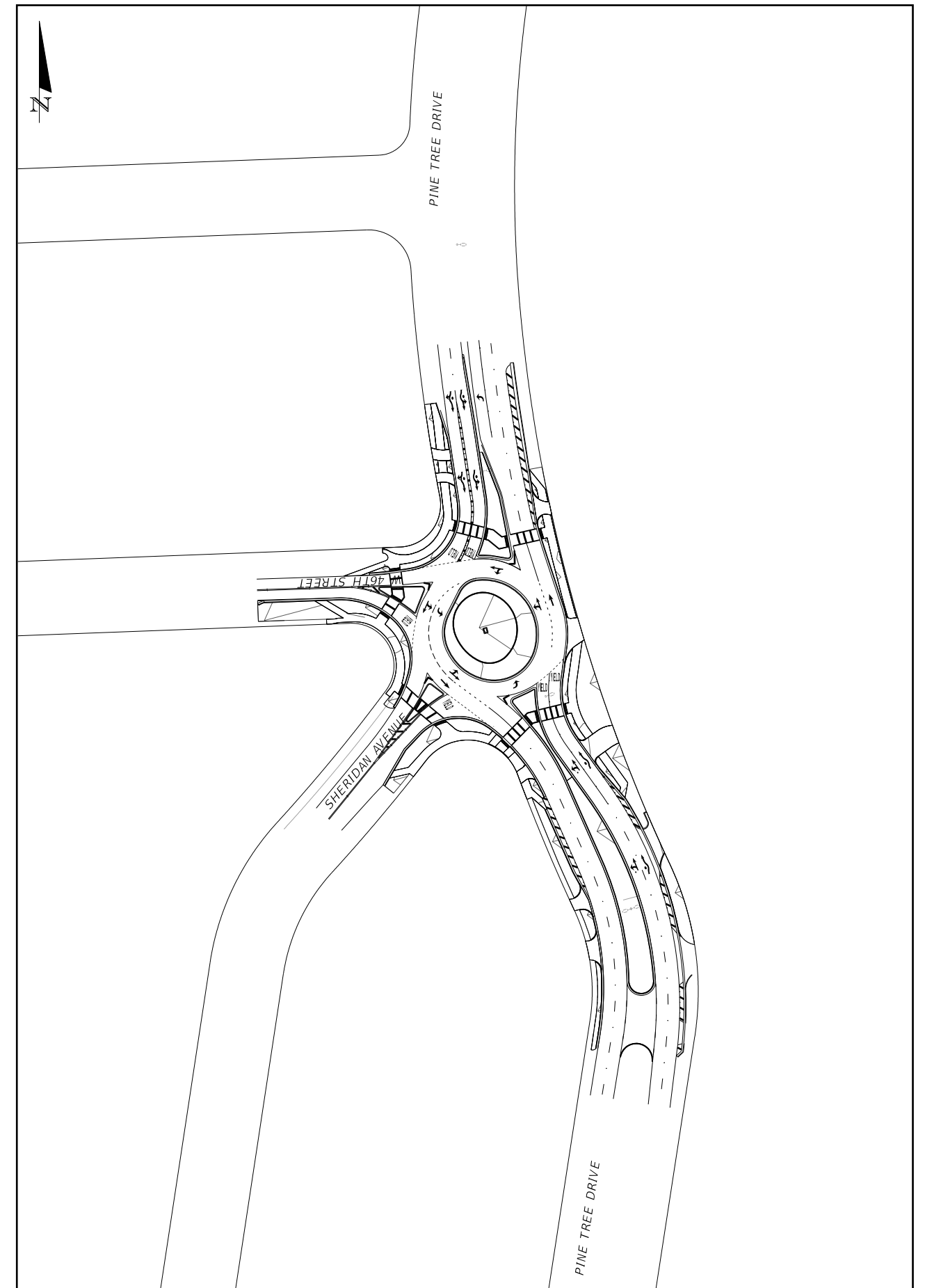
- Either a two-lane roundabout or a 1-lane (with room for future bicycle lanes) roundabout: TBD in design phase
- New crosswalks connecting existing sidewalks
- Landscaping in the center of the roundabout

## Timeline

Schedule: Construction Starting in August 2022

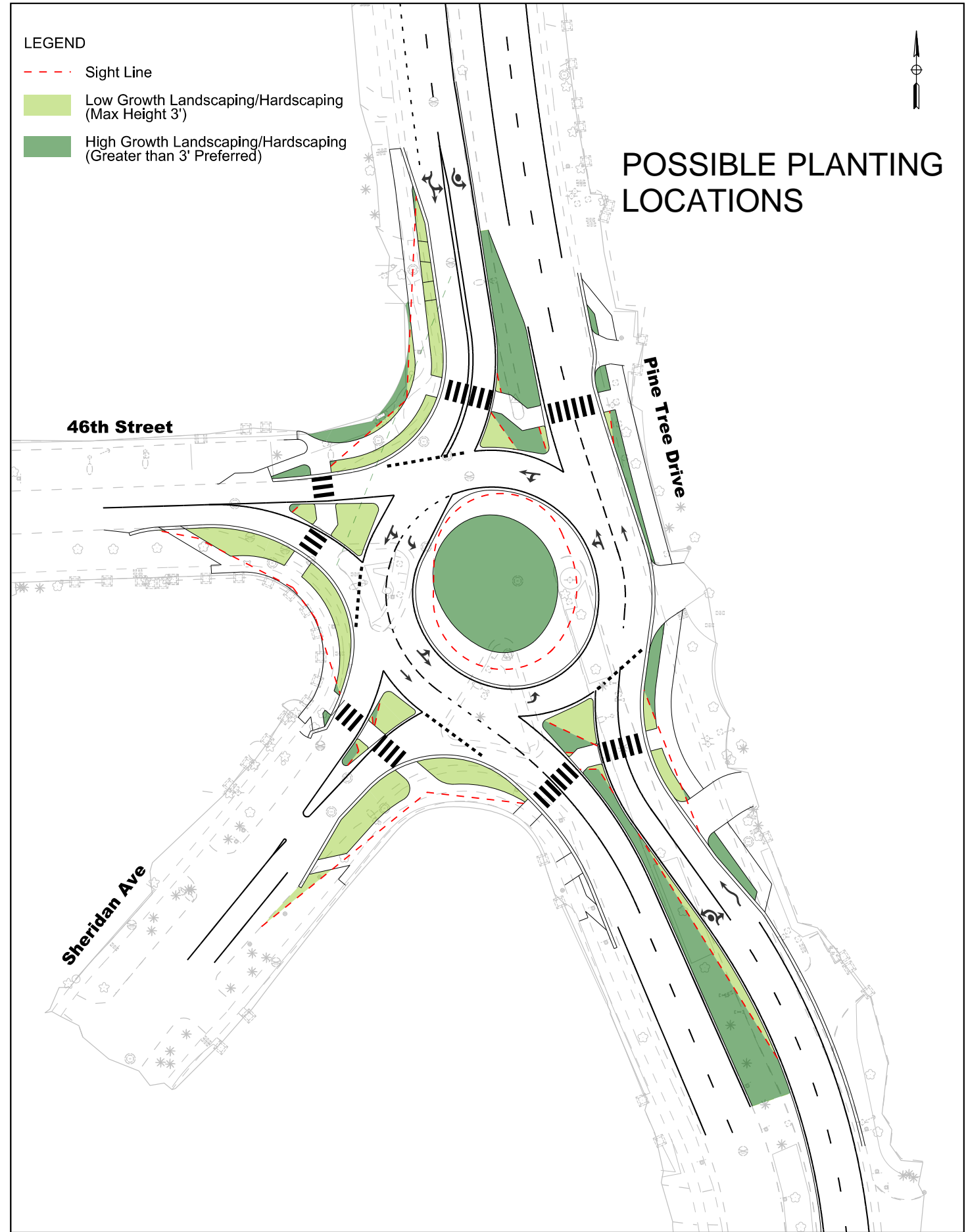
## What to Expect

- Additional Public Information from the CMB
- Coordination with Nearby Residents & Stakeholders
- Utility Coordination (as needed)
- Removal of Existing Signalization at Intersection
- Reduction in Crashes
- Reduced Speeds
- Increased Safety for Bicyclists & Pedestrians



PROJECT SCOPE



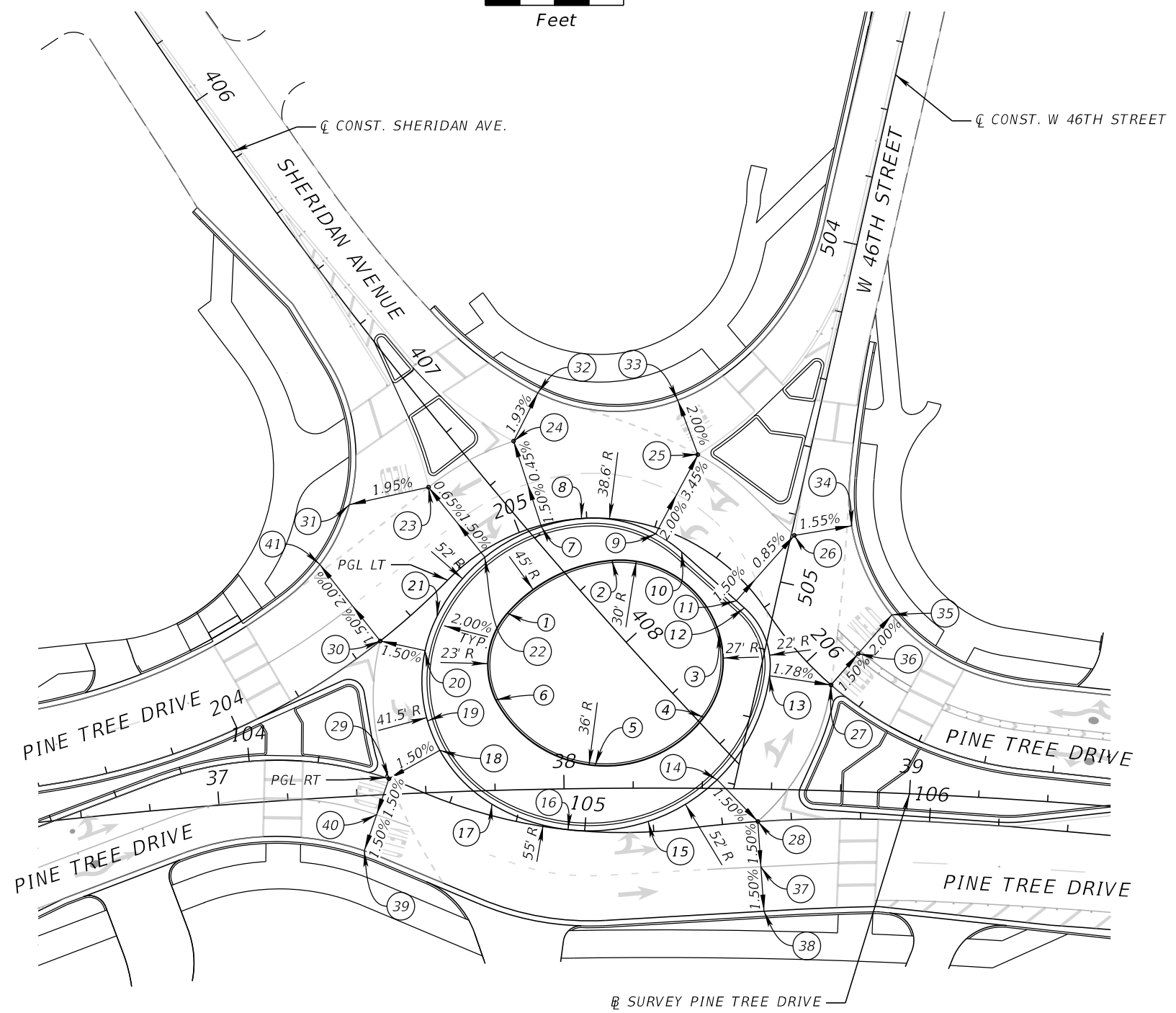
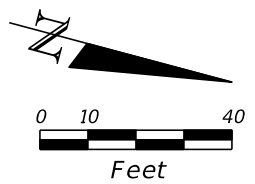


*Rendering is for illustration purposes only. Please see the plan view for actual roundabout shape and for proposed sidewalk along the east side of the project and other crosswalk locations.*



**PRELIMINARY RENDERINGS**





ROUNDBOUT POINT DATA TABLE				
ID	STATION	OFFSET	BASELINE	ELEVATION
1	407+71.06	20.21 RT	SHERIDAN AVE.	4.01
3	407+79.45	12.63 LT	SHERIDAN AVE.	4.03
5	408+16.12	21.77 LT	SHERIDAN AVE.	4.06
7	408+31.29	1.89 LT	SHERIDAN AVE.	4.32
8	38+08.99	6.57 LT	PINE TREE DR.	4.17
9	37+80.86	26.14 LT	PINE TREE DR.	4.24
11	407+58.66	3.60 LT	SHERIDAN AVE.	3.55
12	407+64.46	13.91 LT	SHERIDAN AVE.	3.57
14	407+82.13	27.22 LT	SHERIDAN AVE.	3.65
15	504+97.86	29.85 RT	W 46TH STREET	3.66
17	505+08.12	11.25 RT	W 46TH STREET	3.66
18	505+09.64	8.48 RT	W 46TH STREET	3.65
19	505+27.16	2.94 LT	W 46TH STREET	3.87
21	38+44.26	2.51 LT	PINE TREE DR.	3.81
22	38+24.28	9.67 RT	PINE TREE DR.	3.66
23	38+00.95	11.84 RT	PINE TREE DR.	3.57
24	37+78.97	3.92 RT	PINE TREE DR.	3.55
25	37+64.49	12.10 LT	PINE TREE DR.	3.65
26	37+61.31	20.74 LT	PINE TREE DR.	3.63
27	37+61.39	41.08 LT	PINE TREE DR.	3.56
28	407+58.75	36.18 RT	SHERIDAN AVE.	2.84
29	407+54.78	14.59 RT	SHERIDAN AVE.	3.50
30	407+29.01	14.05 RT	SHERIDAN AVE.	3.23
31	407+34.45	13.38 LT	SHERIDAN AVE.	3.30
32	504+69.36	31.42 RT	W 46TH STREET	2.95
33	504+85.99	0.94 LT	W 46TH STREET	3.40
34	38+76.32	30.57 LT	PINE TREE DR.	3.55
35	38+56.23	9.41 RT	PINE TREE DR.	3.56
36	37+49.46	4.55 LT	PINE TREE DR.	3.40
37	37+48.88	44.44 LT	PINE TREE DR.	3.36
38	407+13.68	28.98 RT	SHERIDAN AVE.	2.81
39	407+28.09	27.70 LT	SHERIDAN AVE.	3.00
40	504+55.36	40.58 RT	W 46TH STREET	2.62
41	504+79.02	16.27 LT	W 46TH STREET	3.15
42	38+94.84	49.20 LT	PINE TREE DR.	3.08
43	38+85.50	39.72 LT	PINE TREE DR.	3.35
44	38+57.39	22.47 RT	PINE TREE DR.	3.36
45	38+58.53	35.30 RT	PINE TREE DR.	3.16
46	37+41.30	15.89 RT	PINE TREE DR.	3.07
47	37+45.41	5.68 RT	PINE TREE DR.	3.24
49	37+30.10	64.10 LT	PINE TREE DR.	2.87

REVISIONS			
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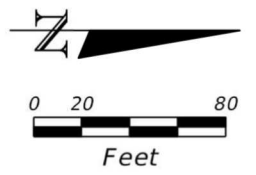
**MIAMI BEACH**  
 COUNTY: MIAMI-DADE  
 PROJECT: PINE TREE DRIVE & 46TH STREET

**INTERSECTION LAYOUT**

SHEET NO.  
 17

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BEGIN PROJECT  
 @ SURVEY PINE TREE DRIVE  
 STA 33+02.00

END PROJECT  
 @ SURVEY PINE TREE DRIVE  
 STA. 42+42.00

Q CONST. W 46TH STREET  
 STA 305+54.03=  
 Q CONST. SHERIDAN AVE.  
 STA 208+48.08

@ SURVEY PINE TREE DRIVE  
 STA 38+49.03=  
 Q CONST. W 46TH STREET  
 STA 305+61.27

**LEGEND**

	TRUCK APRON
	DETECTABLE WARNING SURFACE
	4" CONCRETE MIAMI BEACH RED (SIDEWALK)
	6" CONCRETE MIAMI BEACH RED (SPLITTER ISLAND)
	6" CONCRETE MIAMI BEACH RED (DRIVEWAY)
	LANDSCAPING

**DRAFT**

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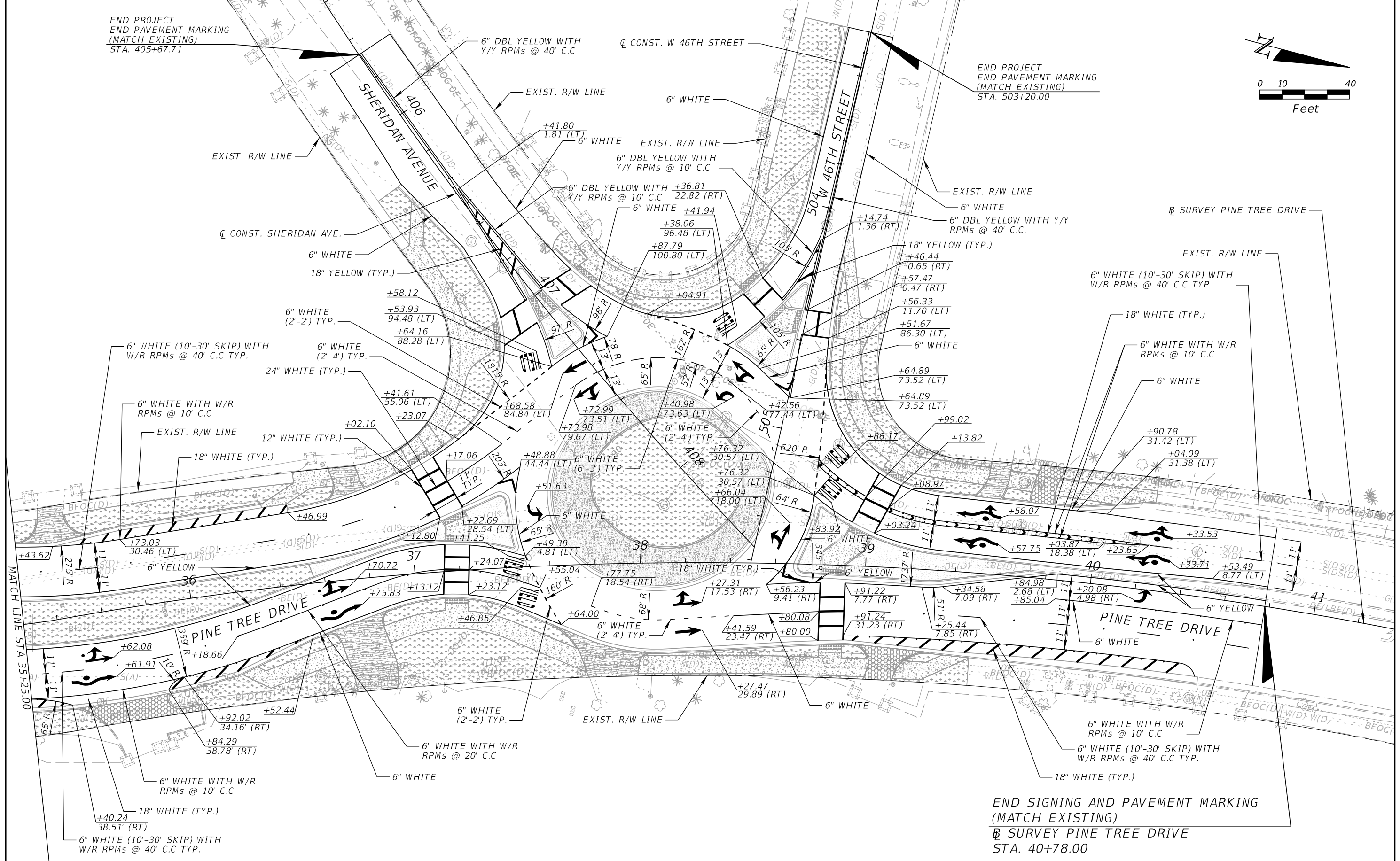
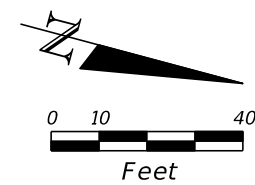
**PROJECT EXHIBIT**

SHEET NO.



END PROJECT  
END PAVEMENT MARKING  
(MATCH EXISTING)  
STA. 405+67.71

END PROJECT  
END PAVEMENT MARKING  
(MATCH EXISTING)  
STA. 503+20.00



END SIGNING AND PAVEMENT MARKING  
(MATCH EXISTING)  
SURVEY PINE TREE DRIVE  
STA. 40+78.00

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**MIAMIBEACH**  
 COUNTY PROJECT  
 MIAMI-DADE PINE TREE DRIVE  
 & 46TH STREET

**SIGNING AND PAVEMENT MARKING PLAN**

SHEET NO.  
S-05

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