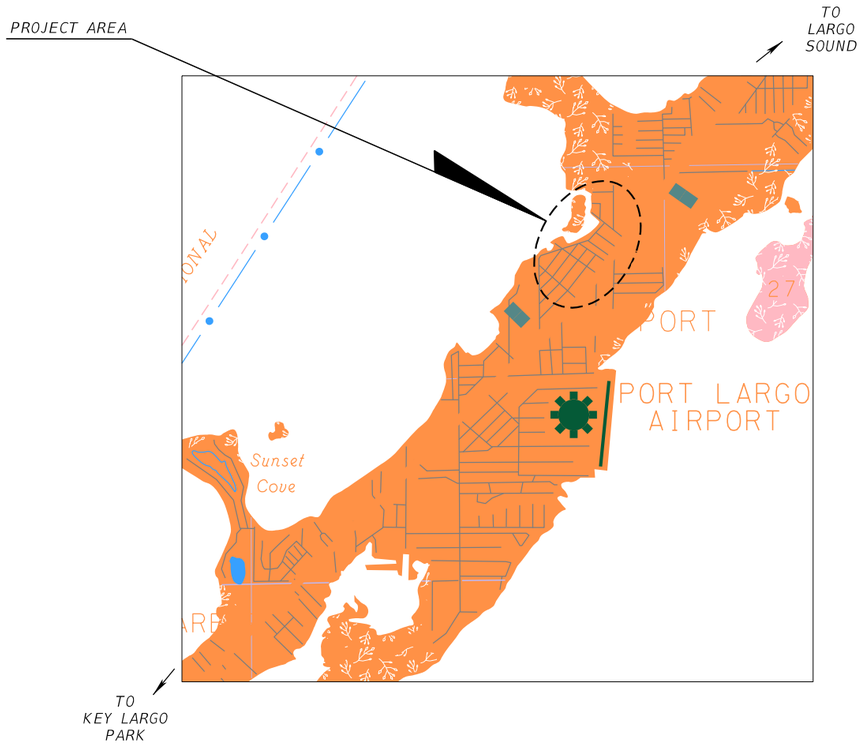
COMPONENTS OF CONTRACT PLANS SET

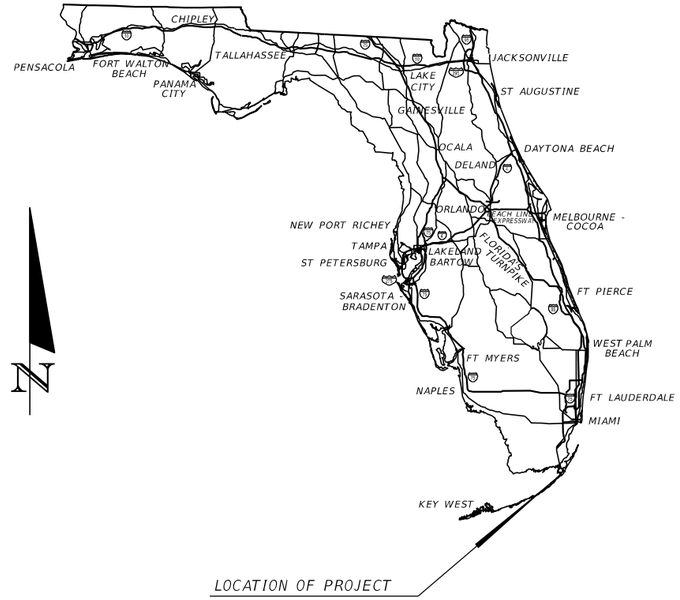
CONTRACT PLANS

MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	PROJECT LAYOUT
3 - 3B	TYPICAL SECTIONS
4 - 8	ROADWAY PLAN





Disclaimer:
These are conceptual roadway plans developed under the Monroe County Roadway Vulnerability Analysis project for planning purposes. The analysis considered the NOAA 2017 (Intermediate-High) Sea Level Rise and King Tide Projections for a target year of 2045. A pump station parcel will be required and identified in the design phase. The recommended roadway elevation projects depicted and perceived drainage structure locations and layout shown are subject to change throughout the execution of the engineering design phase. These conceptual roadway plans cannot be relied upon for any other purpose by any third party.

PLANS PREPARED BY:
HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 302
DORAL, FL 33166

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

PRELIMINARY PLANS
FOR REFERENCE PURPOSES ONLY
JULY 2021

Conceptual Plans not to be used for construction.

PROJECT AREA #12
KEY LARGO
SUBDIVISIONS:
SUNSET WATERWAYS / KEY LARGO PARK AMENDED

PROJECT LENGTH IS BASED ON ℄ OF CONSTRUCTION

LENGTH OF PROJECT

	LINEAR FEET	MILES
ROADWAY	5,090	0.964
BRIDGES	--	--
NET LENGTH OF PROJECT	5,090	0.964
EXCEPTIONS	--	--
GROSS LENGTH OF PROJECT	5,090	0.964

ROADWAY PLANS
ENGINEER OF RECORD:

P.E. NO:

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 302
DORAL, FL 33166-4786

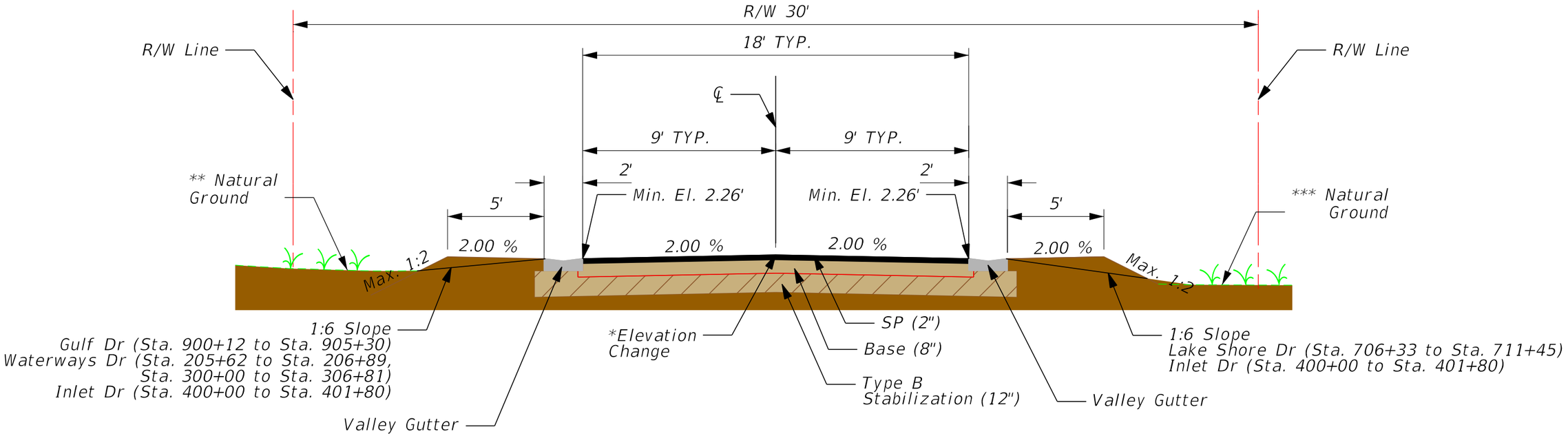
Conceptual Plans not to be used for construction.

MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

SUNSET WATERWAYS / KEY LARGO PARK AMENDED PROJECT LAYOUT

SHEET NO. 2

Valley Gutter Alternative
Design for NOAA Intermediate-High
2045 SLR Projections



Typical Section 1

Lake Shore Dr
Sta. 700+00 to Sta. 703+30
Sta. 706+33 to Sta. 711+45
Gulf Dr
Sta. 900+12 to Sta. 905+30

Lake View Dr
Sta. 1000+00 to Sta. 1006+77
Waterways Dr
Sta. 205+62 to Sta. 206+89
Sta. 300+00 to Sta. 306+81

Inlet Dr
Sta. 400+00 to Sta. 401+80
Sunset Blvd (16' Pavement)
Sta. 602+39 to Sta. 605+00

REVISIONS			
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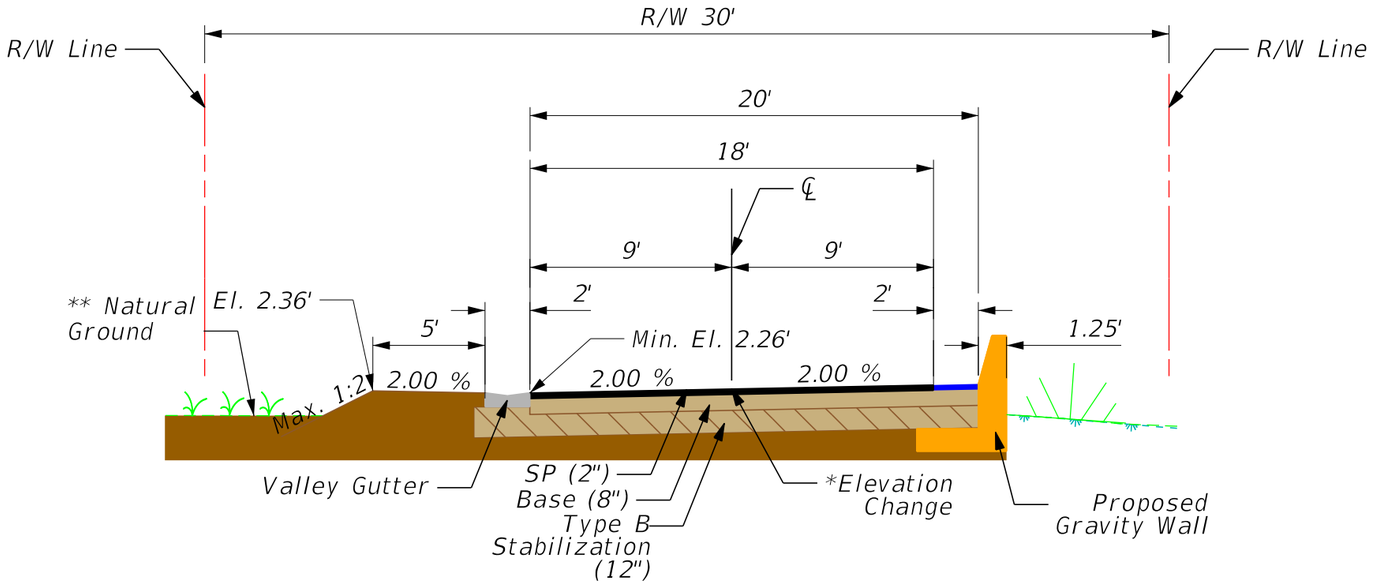
MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

SUNSET WATERWAYS / KEY LARGO PARK AMENDED TYPICAL SECTIONS

SHEET NO. 3

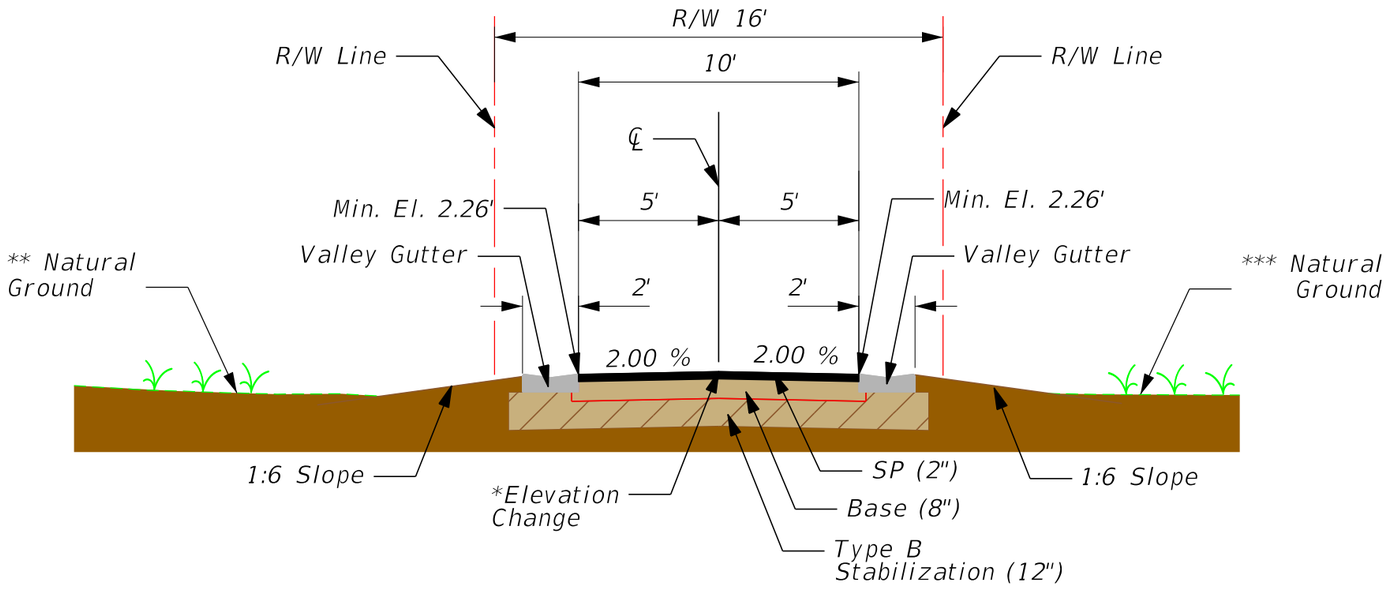
Conceptual Plans not to be used for construction.

Valley Gutter Alternative
Design for NOAA Intermediate-High
2045 SLR Projections



Typical Section 2

Harbor Dr
Sta. 100+18 to Sta. 109+78



Typical Section 3

Harbor Dr
Sta. 109+78 to Sta. 111+31

REVISIONS			
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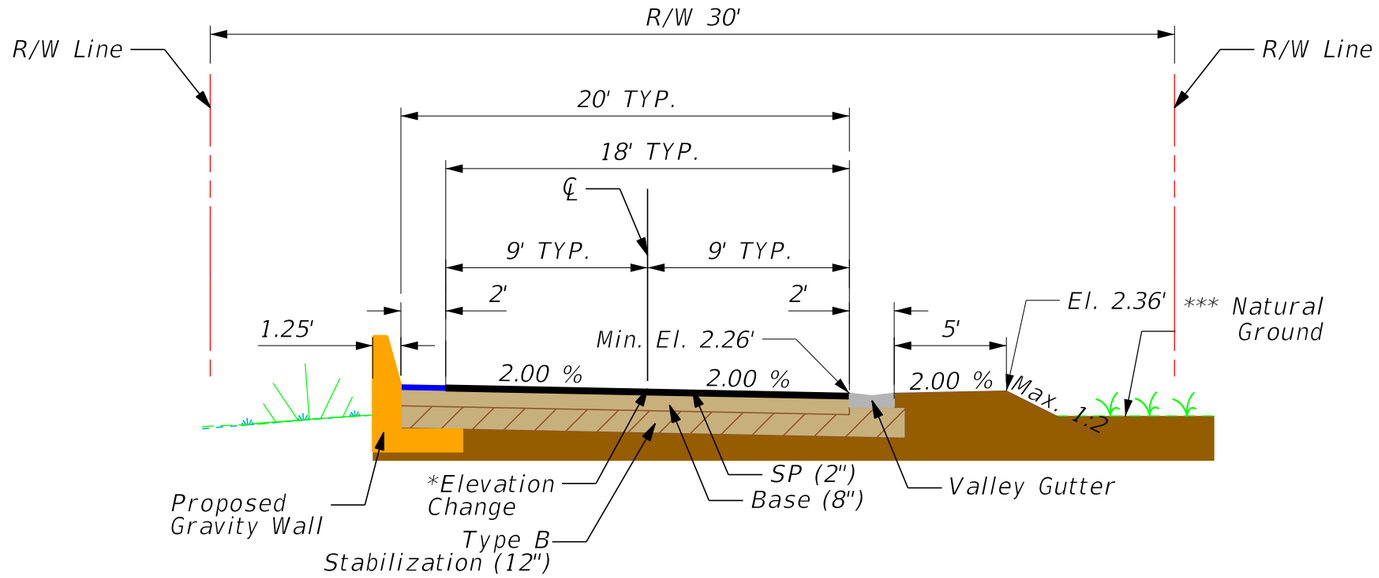
MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

SUNSET WATERWAYS / KEY LARGO PARK AMENDED TYPICAL SECTIONS

SHEET NO. 3A

Conceptual Plans not to be used for construction.

Valley Gutter Alternative
Design for NOAA Intermediate-High
2045 SLR Projections



Typical Section 4

Florida Dr
Sta. 800+00 to Sta. 802+29

Lake Shore Dr
Sta. 703+30 to Sta. 706+33

Sunset Blvd (18' Pavement)
Sta. 600+80 to Sta. 602+39

KEY LARGO - SUNSET WATERWAYS / KEY LARGO PARK AMENDED ELEVATIONS SUMMARY			
ROADWAY SEGMENT	ELEVATION CHANGE * (Between exist. ground and final grade)	LEFT NATURAL GROUND (FT. NAVD88) **	RIGHT NATURAL GROUND (FT. NAVD88) ***
HARBOR DR	0' - 0.98'	0.81' - 9.72'	N/A
WATERWAYS DR	0 - 1.77'	0.68' - 3.87'	0.53' - 5.12'
INLET DR	1.15' - 1.63'	1.02' - 2.01'	0.60' - 1.35'
SUNSET BLVD	1.45' - 2.05'	0.33' - 4.28'	0.52' - 5.39'
LAKE SHORE DR	0' - 1.75'	0.21' - 4.68'	0.58' - 4.88'
FLORIDA DR	0' - 1.58'	0.34' - 2.61'	0.44' - 2.84'
GULF DR	0' - 1.06'	1.28' - 3.80'	1.83' - 4.25'
LAKE VIEW DR	0' - 0.77'	1.87' - 6.13'	1.43' - 6.76'

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

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MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

SUNSET WATERWAYS / KEY LARGO PARK AMENDED TYPICAL SECTIONS

SHEET NO. 3B

Conceptual Plans not to be used for construction.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

SUNSET WATERWAYS / KEY LARGO PARK AMENDED

SHEET NO. 4

Conceptual Plans not to be used for construction.

GREYPALERM 7/29/2021 4:24:25 PM Default PW:\

MATCH LINE STA. 304+60.00

MATCH LINE STA. 302+74.72

MATCH LINE STA. 105+00.00

℄ WATERWAYS DR

R/W LINE

303

304

WATERWAYS DR

R/W LINE

PC STA. 304+10.02

PT STA. 304+53.13

POT STA. 111+30.63

111

110

PC STA. 109+37.64

PT STA. 109+77.56

R/W LINE

106

107

108

109

HARBOR DR

R/W LINE

℄ HARBOR DR

N

0 10 50

Feet

LEGEND

- STORM INLETS
- MANHOLES/JUNCTIONS
- INJECTION WELLS
- STORM DRAIN
- FORCE MAIN
- PUMP STATION LOCATION
- PAVEMENT RECONSTRUCTION LIMITS
- PAVEMENT RECONSTRUCTION LIMITS WITH ROADWAY ELEVATION CHANGE
- ROADSIDE RECONSTRUCTION LIMITS
- PROPOSED GRAVITY WALL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Conceptual Plans not to be used for construction.

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MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

SUNSET WATERWAYS / KEY LARGO PARK AMENDED

SHEET NO. 5

N

0 10 50

Feet

POT STA. 306+80.96

℄ WATERWAYS DR

306

WATERWAYS DR

305

R/W LINE

R/W LINE

POT STA. 400+00.00

400

INLET DR

401

R/W LINE

℄ INLET DR

LEGEND

- STORM INLETS
- INJECTION WELLS
- STORM DRAIN
- FORCE MAIN
- PUMP STATION LOCATION
- PAVEMENT RECONSTRUCTION LIMITS
- PAVEMENT RECONSTRUCTION LIMITS WITH ROADWAY ELEVATION CHANGE
- ROADSIDE RECONSTRUCTION LIMITS

MATCH LINE STA. 401+52.64

MATCH LINE STA. 304+60.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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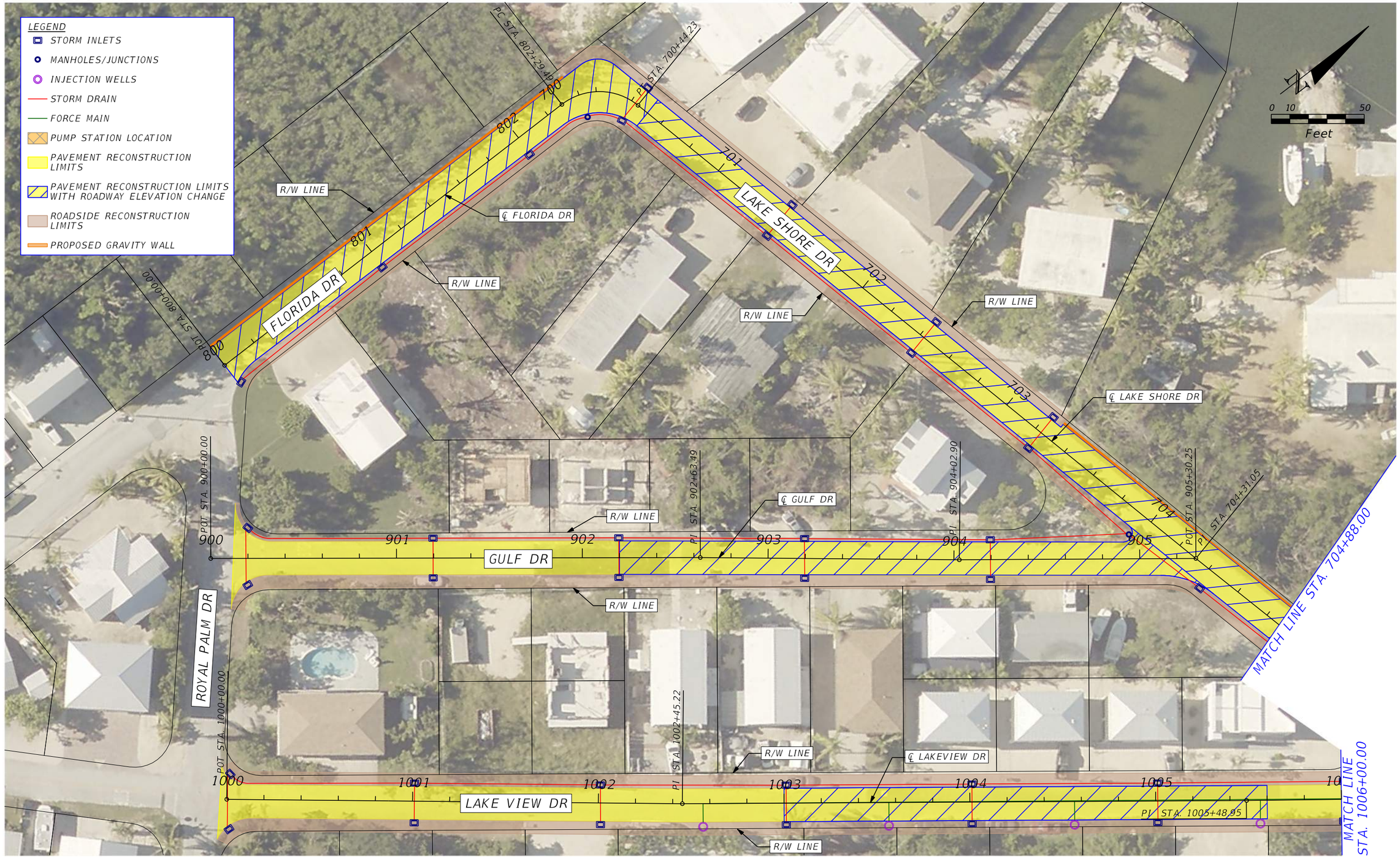
MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

SUNSET WATERWAYS / KEY LARGO PARK AMENDED

SHEET NO. 6



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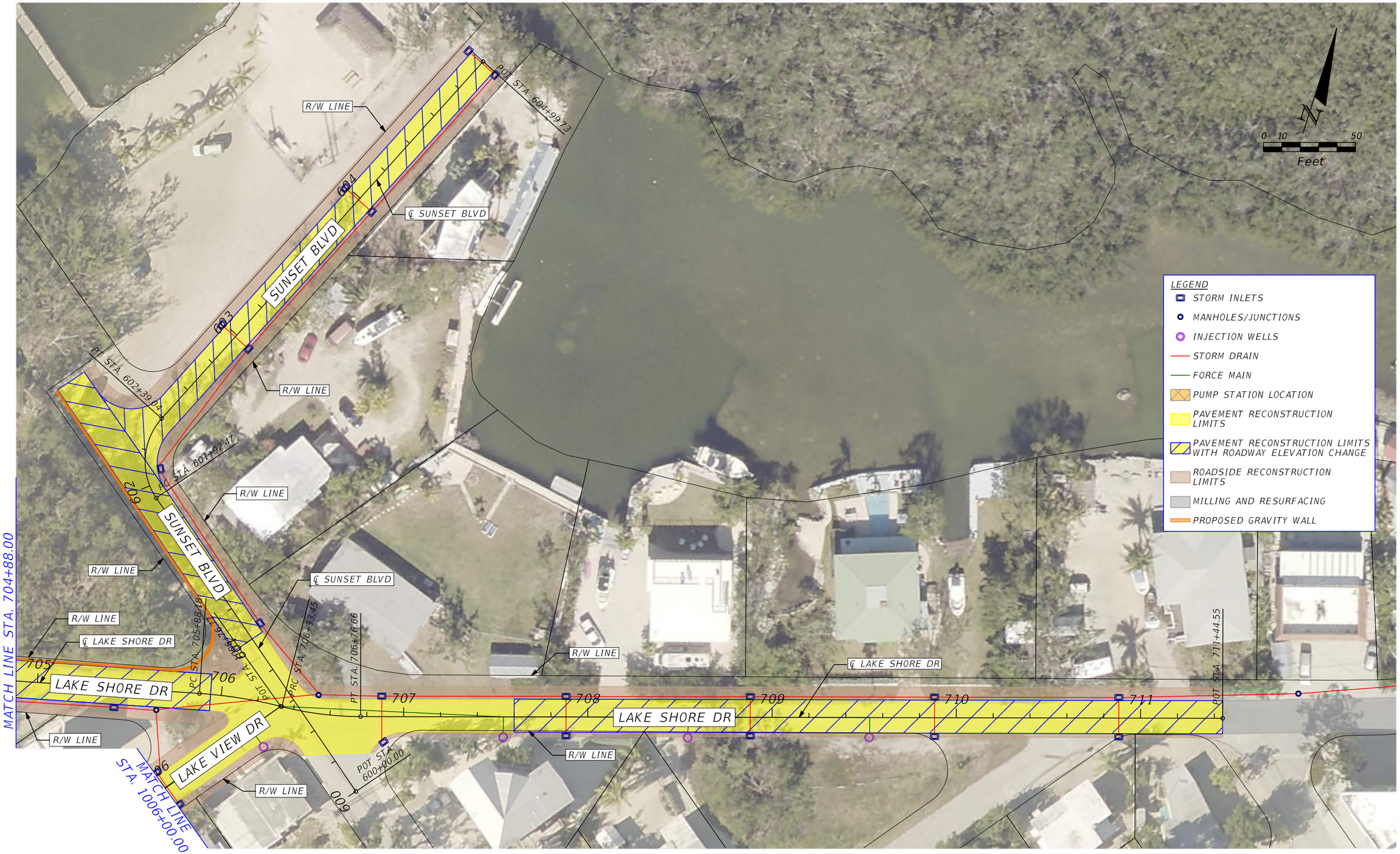
MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

SUNSET WATERWAYS / KEY LARGO PARK AMENDED

SHEET NO. 7

Conceptual Plans not to be used for construction.



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MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

SUNSET WATERWAYS / KEY LARGO PARK AMENDED

SHEET NO. 8