

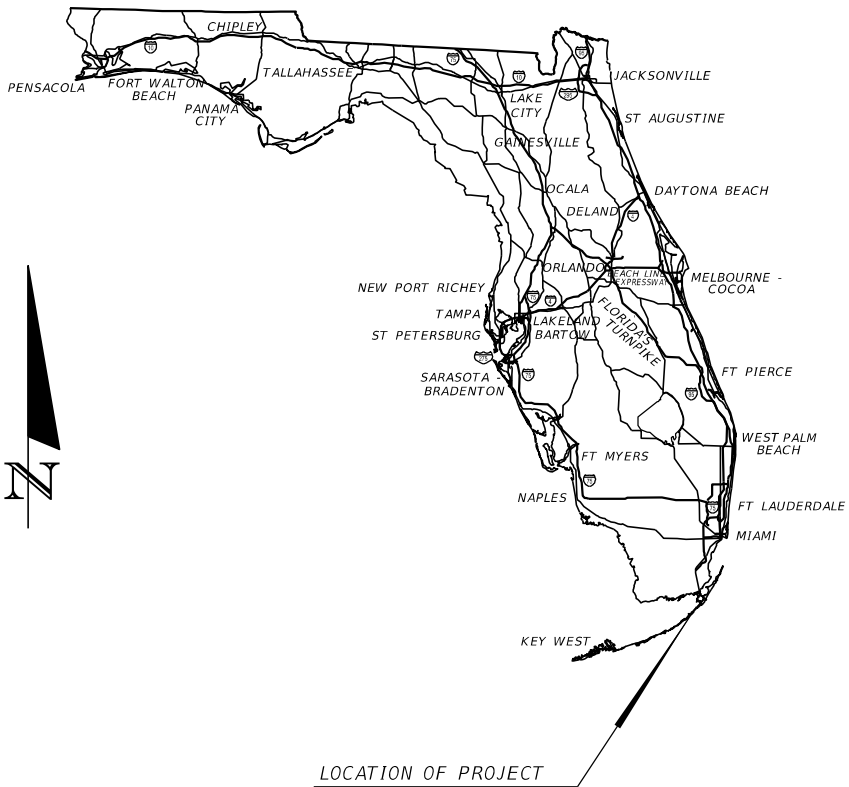
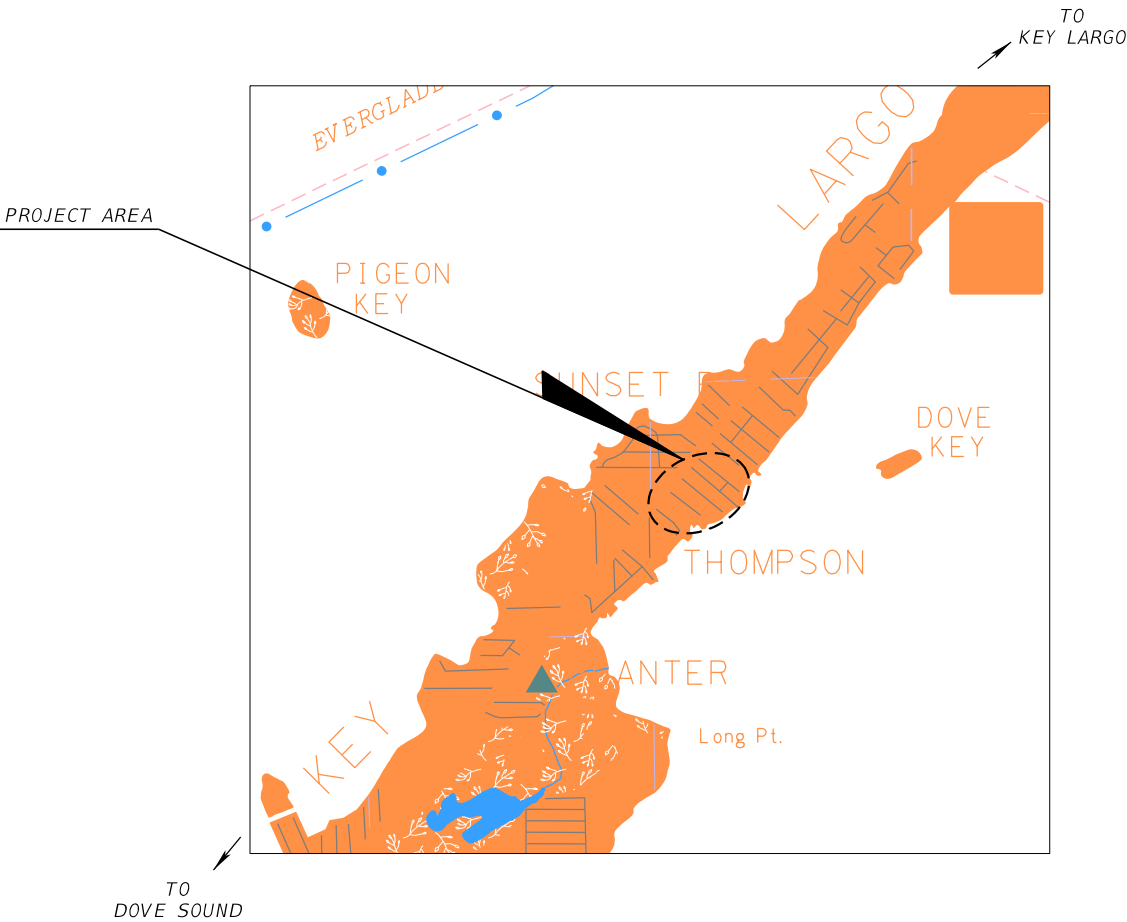
CONTRACT PLANS

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 - 9	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:
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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 LENGTH IS BASED ON Q OF CONSTRUCTION

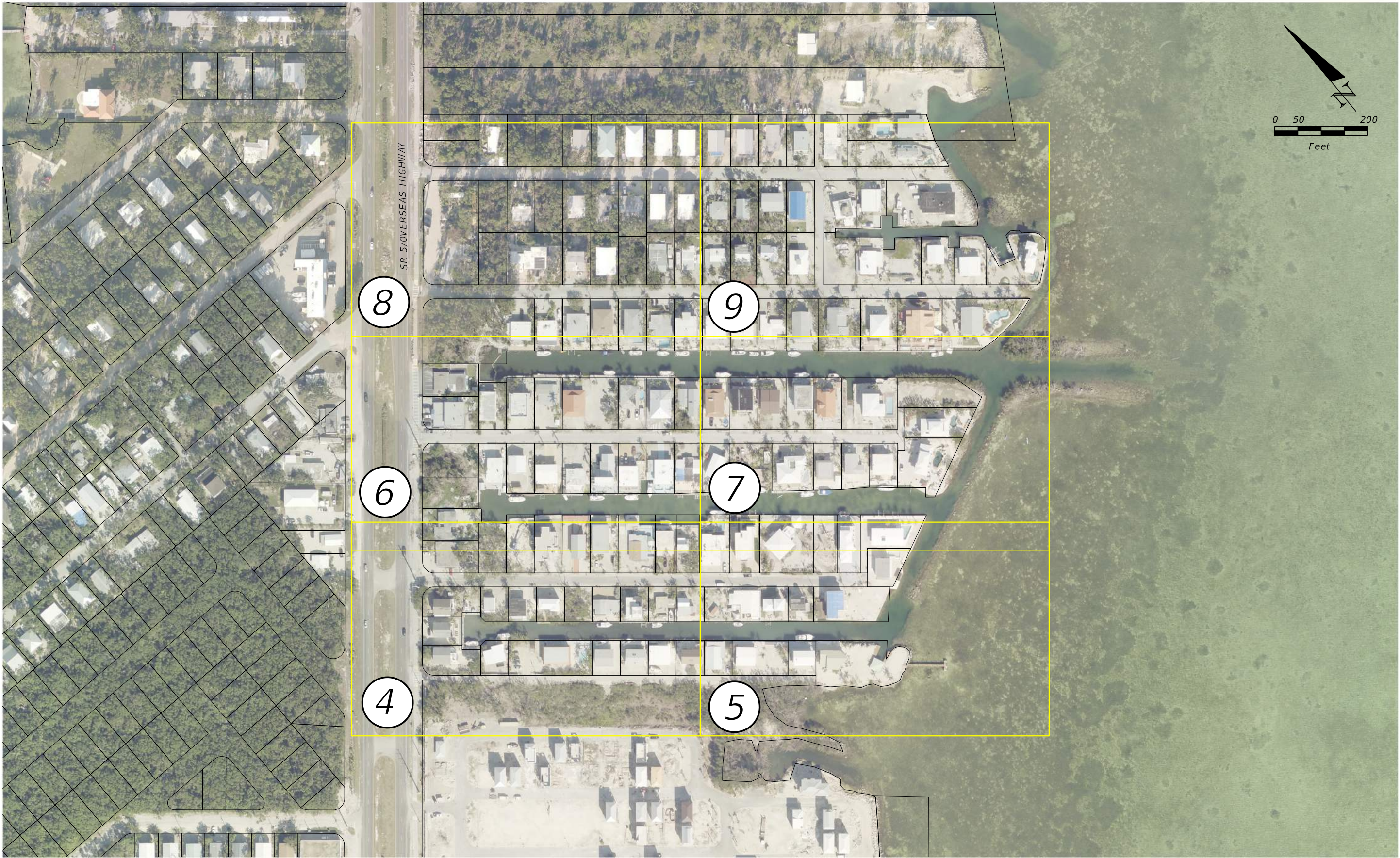
LENGTH OF PROJECT

	LINEAR FEET	MILES
ROADWAY	4,665	0.884
BRIDGES	--	--
NET LENGTH OF PROJECT	4,665	0.884
EXCEPTIONS	--	--
GROSS LENGTH OF PROJECT	4,665	0.884

PROJECT AREA #18
KEY LARGO
SUBDIVISIONS:
SUNRISE POINT REVISED / SUNRISE POINT ADDITION AMENDED /
RAES CUDA CANAL

ROADWAY PLANS
ENGINEER OF RECORD:

P.E. NO:



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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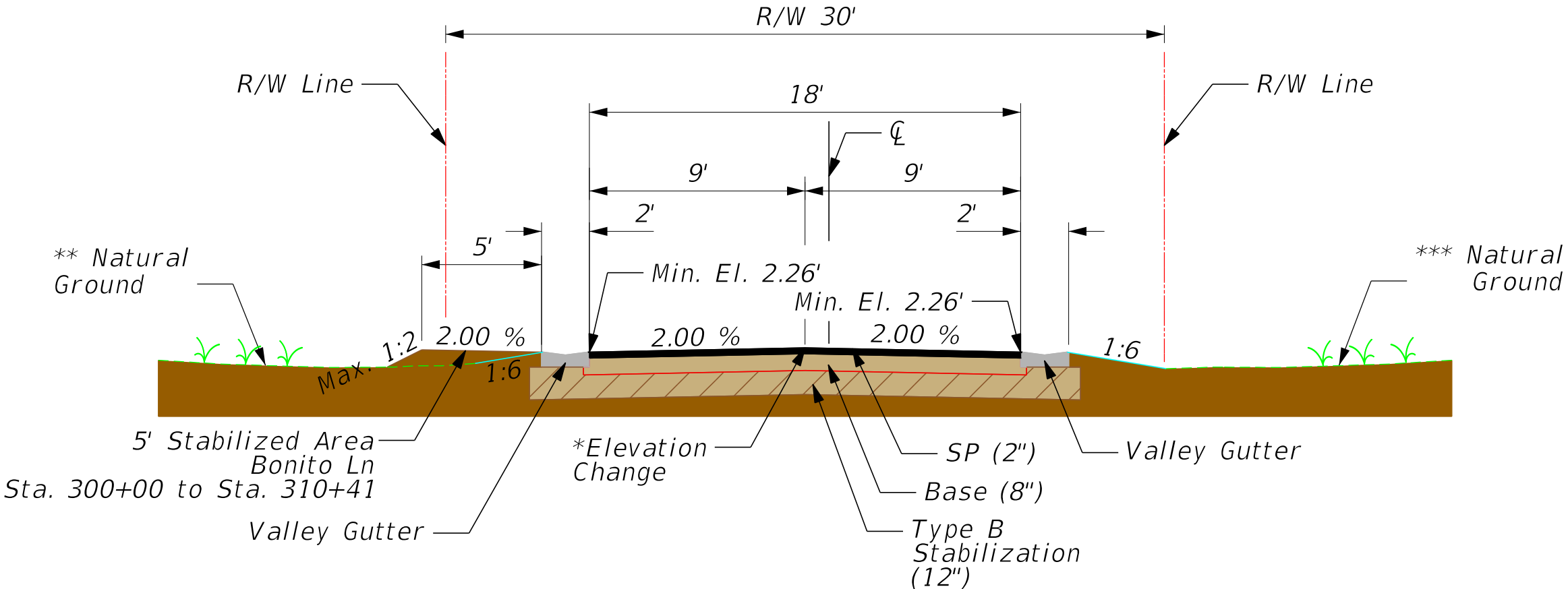
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MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN
SUNRISE POINT REVISED / SUNRISE POINT ADDITION AMENDED / RAES CUDAL CANAL PROJECT LAYOUT

SHEET NO.
2

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



Typical Section 1

** Left Natural Ground
(FT. NAVD88)

Snapper Ln
Elev. 1.74' - 4.06'
Lobster Ln
Elev. 1.26' - 3.63'
Bonito Ln
Elev. 1.30' - 4.31'
Grouper Ln
Elev. 1.44' - 3.27'

Snapper Ln
Sta. 100+00 to Sta. 111+15
*Elevation Change (between exist.
ground and final grade) 0' - 0.86'

Lobster Ln
Sta. 200+00 to Sta. 204+08
*Elevation Change (between exist.
ground and final grade) 0' - 0.74'

Bonito Ln
Sta. 300+00 to Sta. 310+41
*Elevation Change (between exist.
ground and final grade) 0'-1.41'

Grouper Ln
Sta. 400+03 to Sta. 409+91
*Elevation Change (between exist.
ground and final grade) 0'-0.71'

*** Right Natural Ground
(FT. NAVD88)

Snapper Ln
Elev. 1.53' - 4.10'
Lobster Ln
Elev. 1.90' - 3.37'
Bonito Ln
Elev. 1.44' - 4.21'
Grouper Ln
Elev. 1.49' - 3.00'

REVISIONS			
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MONROE COUNTY ROADWAY VULNERABILITY
ANALYSIS AND CAPITAL PLAN
SUNRISE POINT REVISED / SUNRISE POINT ADDITION
AMENDED / RAES CUDA CANAL TYPICAL SECTION

SHEET
NO.

3

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GREYPALERM

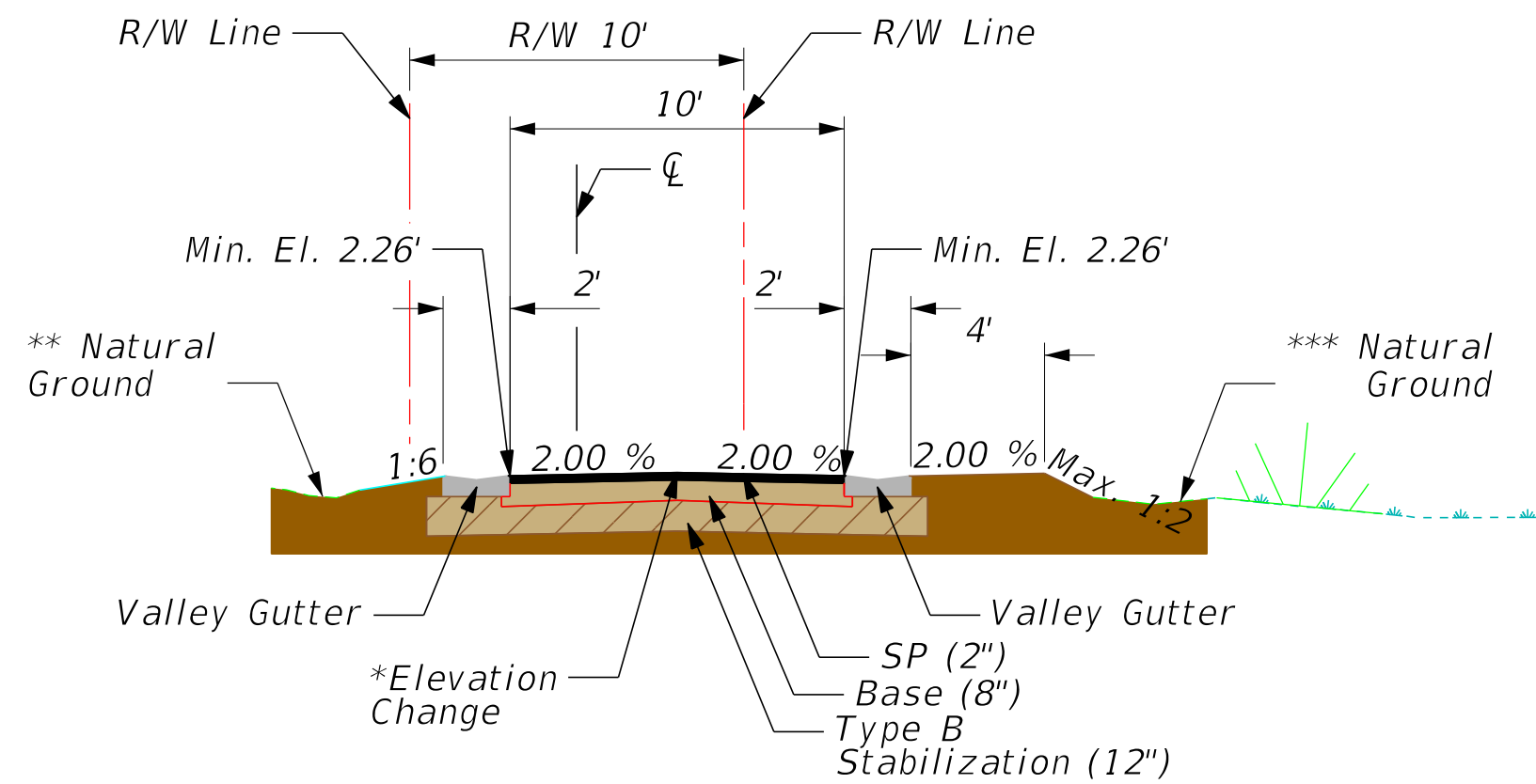
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PW\

The diagram illustrates a cross-section of a proposed road structure. Key features include:

- R/W Line:** Right-of-Way boundary lines on both sides.
- 15':** Total width of the proposed road structure.
- 7.5':** Width from the centerline to the edge of the road.
- 2':** Width of the shoulder on each side.
- Min. El. 2.26':** Minimum elevation for the road surface.
- 2.00 %:** Road surface slope on both sides.
- 1:6:** Slope of the embankment on both sides.
- Valley Gutter:** The central drainage area.
- *Elevation Change:** Indicated at the base of the embankment.
- SP (2''):** Subgrade layer.
- Base (8''):** Base layer.
- Type B Stabilization (12''):** Stabilization layer.
- ** Natural Ground:** Existing ground level on the left.
- *** Natural Ground:** Existing ground level on the right.

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



Typical Section 3

** Left Natural Ground
(FT. NAVD88)

Cuda Ln
Elev. 1.79' - 2.73'

Cuda Ln
Sta. 500+03 to Sta. 508+76
*Elevation Change (between exist.
ground and final grade) 0' - 1.00'

*** Right Natural Ground
(FT. NAVD88)

Cuda Ln
Elev. N/A



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DATE	DESCRIPTION	DATE	DESCRIPTION

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MONROE COUNTY ROADWAY VULNERABILITY
ANALYSIS AND CAPITAL PLAN
SUNRISE POINT REVISED / SUNRISE POINT
ADDITION AMENDED / RAES CUDA CANAL

SHEET
NO.
4

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REVISIONS			
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MONROE COUNTY ROADWAY VULNERABILITY
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ADDITION AMENDED / RAES CUDAL CANAL

SHEET
NO.
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MONROE COUNTY ROADWAY VULNERABILITY
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SHEET
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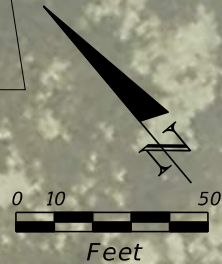
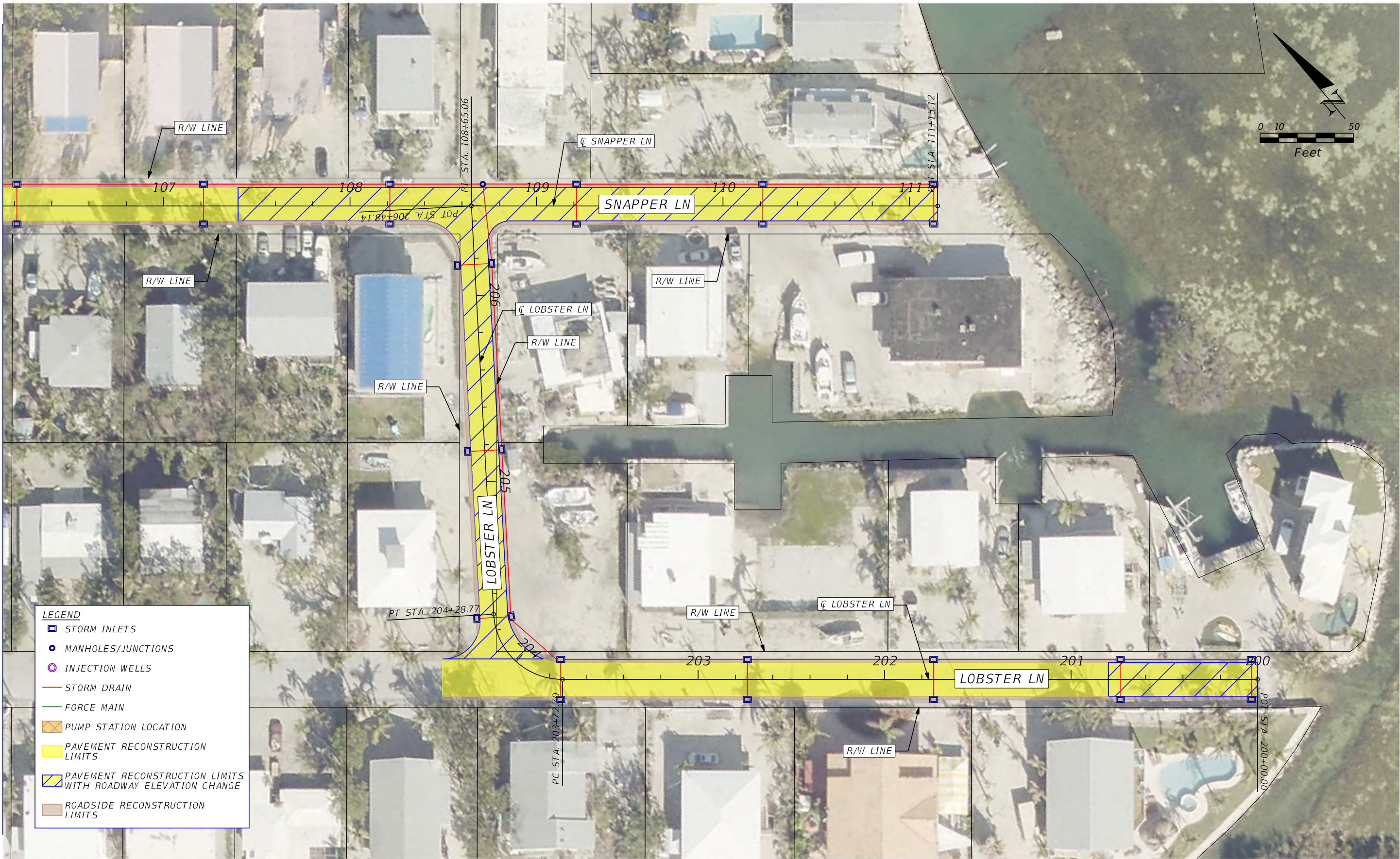
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MONROE COUNTY ROADWAY VULNERABILITY
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SHEET
NO.
8

MATCH LINE STA. 106+13.70



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SHEET
NO.
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