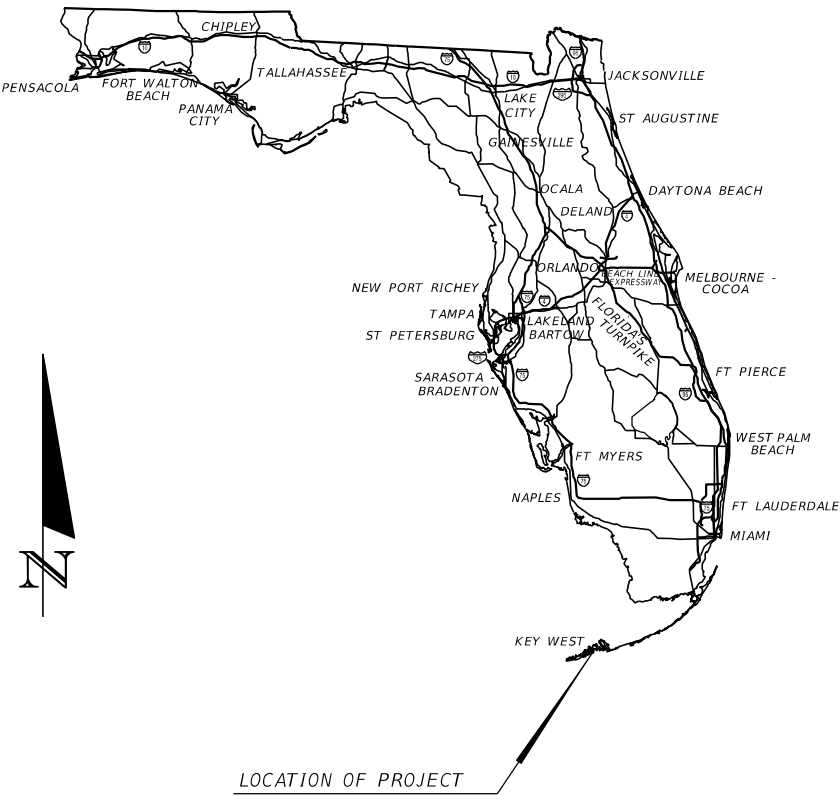
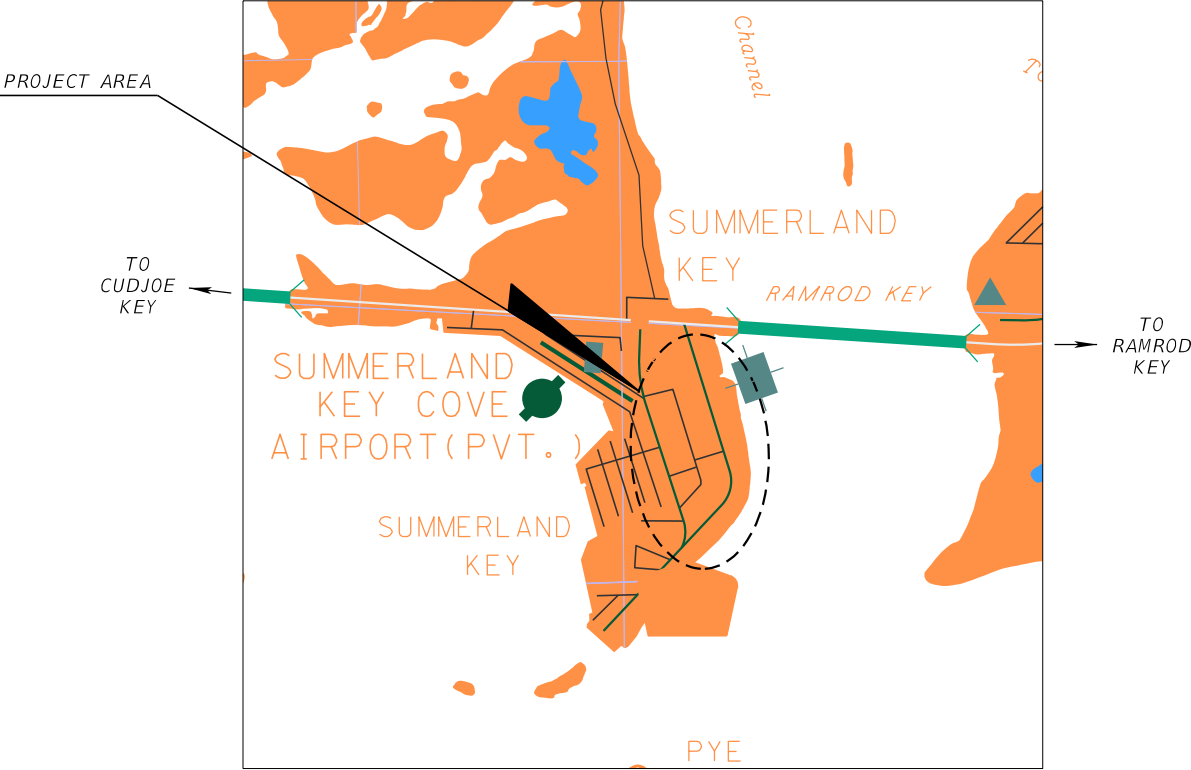


CONTRACT PLANS

MONROE COUNTY ROADWAY  
VULNERABILITY ANALYSIS  
AND CAPITAL PLAN

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	PROJECT LAYOUT
3 - 3A	TYPICAL SECTIONS
4 - 6	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 LENGTH IS BASED ON Q OF CONSTRUCTION

LENGTH OF PROJECT

	LINEAR FEET	MILES
ROADWAY	1,875	0.355
BRIDGES		
NET LENGTH OF PROJECT	1,875	0.355
EXCEPTIONS		
GROSS LENGTH OF PROJECT	1,875	0.355

PROJECT AREA #43  
SUMMERLAND KEY  
SUBDIVISIONS:  
SUMMERLAND BEACH 1ST ADDITION / SUMMERLAND BEACH  
4TH ADDITION / SUMMERLAND BEACH 6TH ADDITION

ROADWAY PLANS  
ENGINEER OF RECORD:

P.E. NO:





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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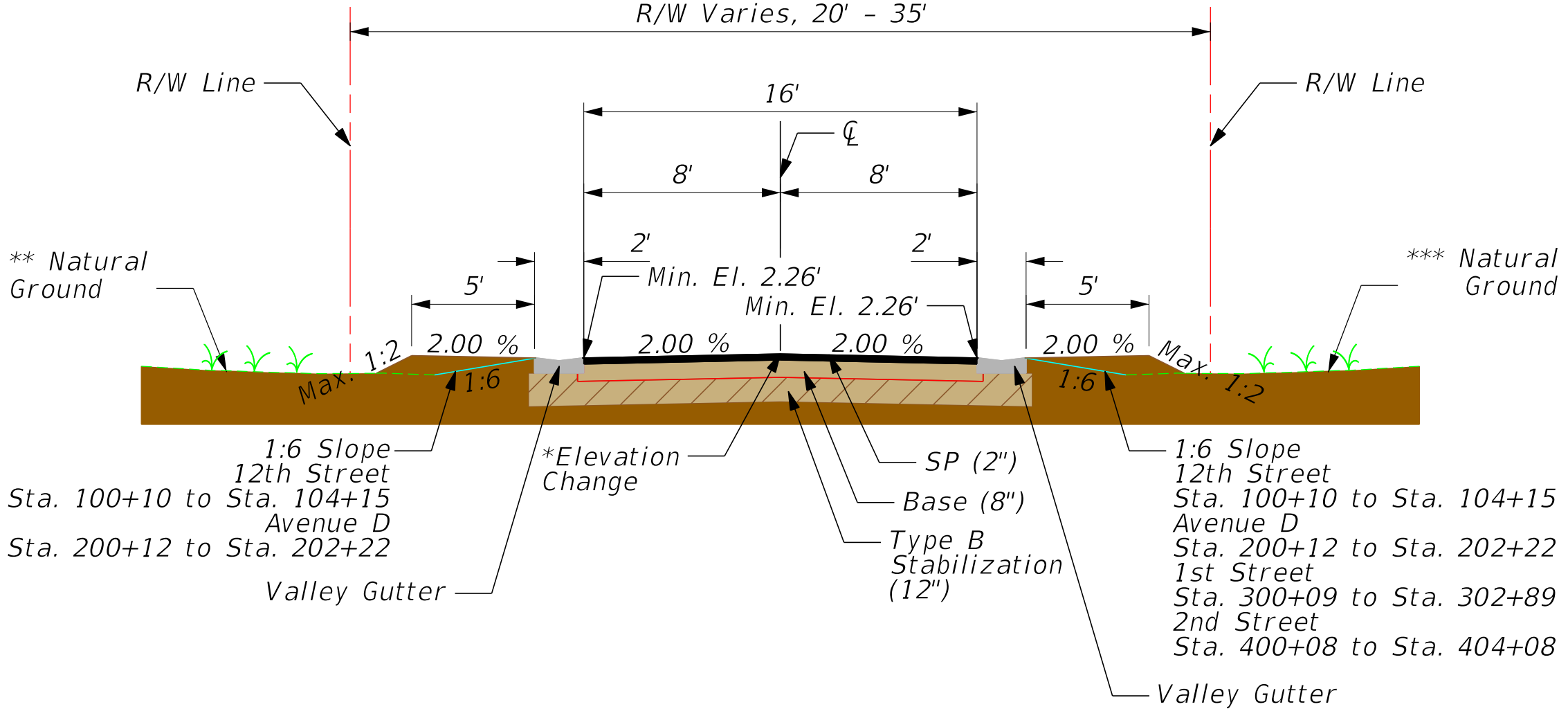


MONROE COUNTY ROADWAY VULNERABILITY  
ANALYSIS AND CAPITAL PLAN  
SUMMERLAND BEACH 1ST ADDITION / SUMMERLAND  
BEACH 4TH ADDITION / SUMMERLAND BEACH  
6TH ADDITION PROJECT LAYOUT

SHEET  
NO.  
2



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



Typical Section

12th Street Sta. 100+10 to Sta. 104+15 R/W 35'	2nd Street Sta. 400+08 to Sta. 404+08 R/W Varies, 20'-30'
Avenue D Sta. 200+12 to Sta. 202+22 R/W 30'	3rd Street Sta. 500+08 to Sta. 503+02 R/W 30'
1st Street Sta. 300+09 to Sta. 302+89 R/W 30'	4th Street Sta. 600+09 to Sta. 602+95 R/W 31'

SUMMERLAND KEY - SUMMERLAND BEACH 1ST ADDITION / SUMMERLAND BEACH 4TH ADDITION /  
SUMMERLAND BEACH 6TH ADDITION ELEVATIONS SUMMARY

ROADWAY SEGMENT	ELEVATION CHANGE * (Between exist. ground and final grade)	LEFT NATURAL GROUND (FT. NAVD88) **	RIGHT NATURAL GROUND (FT. NAVD88) ***
12TH STREET	0' - 2.20'	-2.16' - 2.43'	0.46' - 2.49'
AVENUE D	0' - 0.35'	0.65' - 2.41'	2.19' - 3.66'
1ST STREET	0' - 0.36'	1.65' - 3.27'	2.03' - 3.27'
2ND STREET	0'	2.23' - 4.18'	2.22' - 3.74'
3RD STREET	0'	2.18' - 3.54'	2.64' - 3.38'
4TH STREET	0'	2.51' - 4.00'	2.20' - 4.01'





REVISIONS			
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MONROE COUNTY ROADWAY VULNERABILITY  
ANALYSIS AND CAPITAL PLAN  
SUMMERLAND BEACH 1ST ADDITION  
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SUMMERLAND BEACH 6TH ADDITION /

SHEET  
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REVISIONS			
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REVISIONS			
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MONROE COUNTY ROADWAY VULNERABILITY  
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SUMMERLAND BEACH 6TH ADDITION /

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