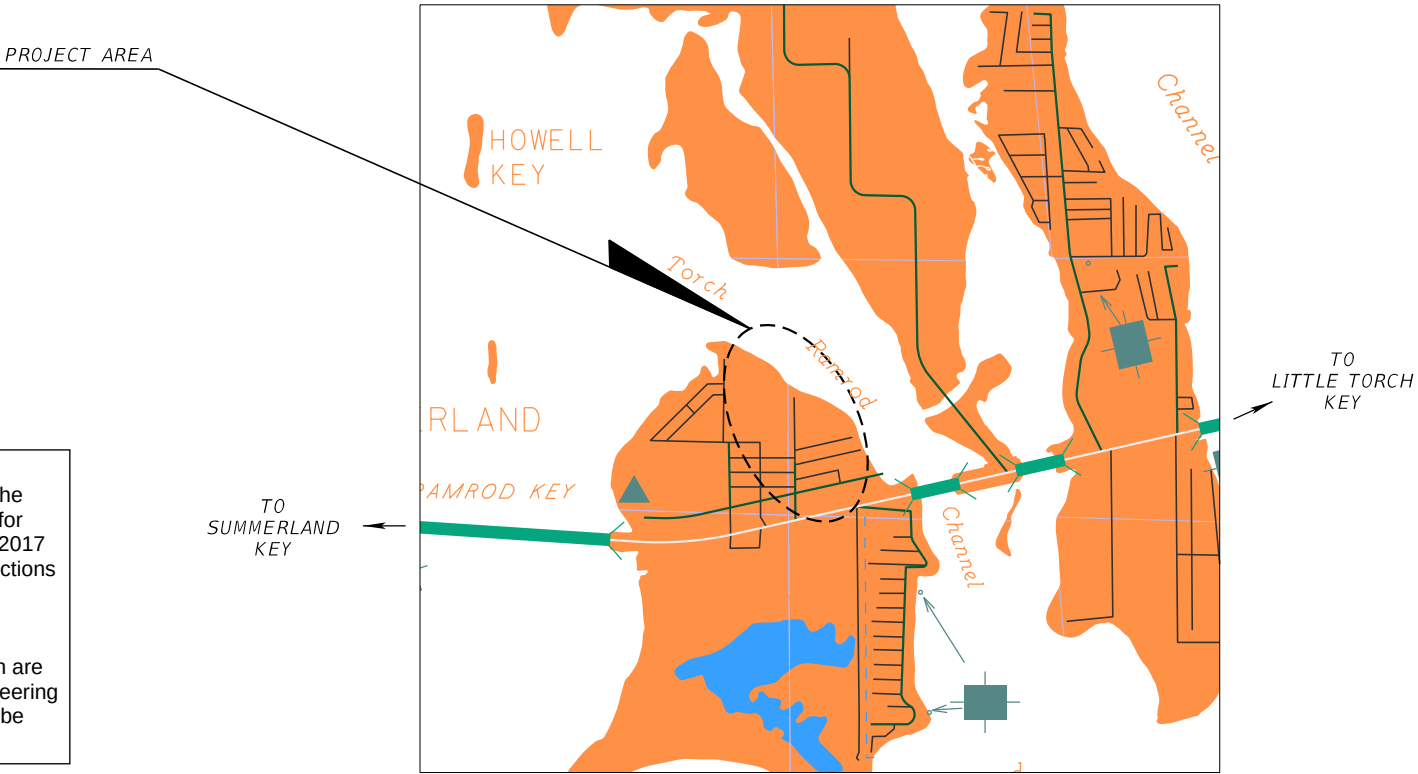
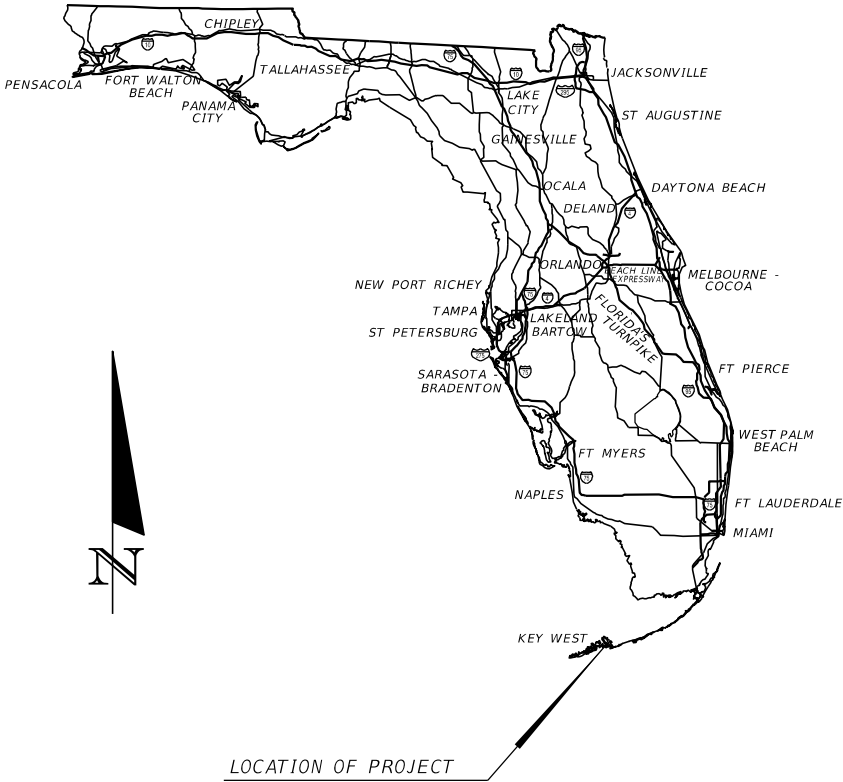


CONTRACT PLANS

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 SECTION
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:
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
MARCH 2022



Conceptual Plans not to be used for construction.

PROJECT LENGTH IS BASED ON Q OF CONSTRUCTION

LENGTH OF PROJECT

	LINEAR FEET	MILES
ROADWAY	6,492	1.230
BRIDGES	--	--
NET LENGTH OF PROJECT	6,492	1.230
EXCEPTIONS	--	--
GROSS LENGTH OF PROJECT	6,492	1.230

PROJECT AREA #38

RAMROD KEY

SUBDIVISIONS:

RAMROD SHORES 1ST ADDITION / RAMROD SHORES 2ND ADDITION /
RAMROD SHORES 3RD ADDITION / RAMROD SHORES MARINA SECTION /
RAMROD SHORES MARINA SECTION REVISED

ROADWAY PLANS
ENGINEER OF RECORD:

P.E. NO:



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Conceptual Plans not to be used for construction.

GREYPALERM

3/25/2022 1:40:41 PM Default



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

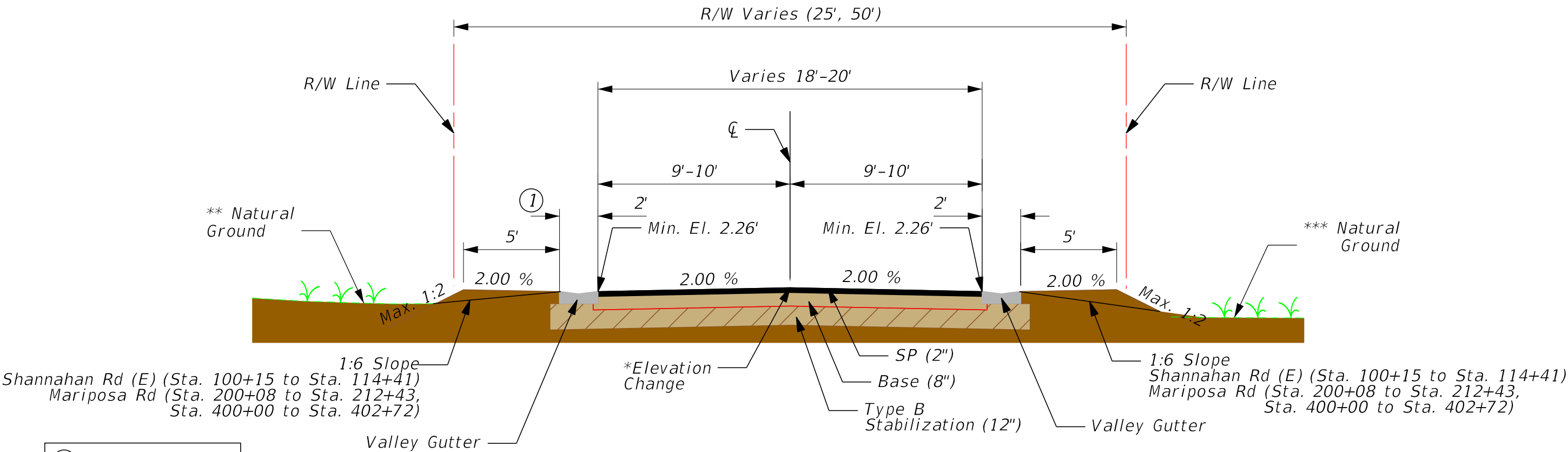


MONROE COUNTY ROADWAY VULNERABILITY
ANALYSIS AND CAPITAL PLAN
RAMROD SHORES 1ST, 2ND, AND 3RD ADDITIONS /
RAMROD SHORES MARINA SECTION / RAMROD SHORES
MARINA SECTION REVISED PROJECT LAYOUT

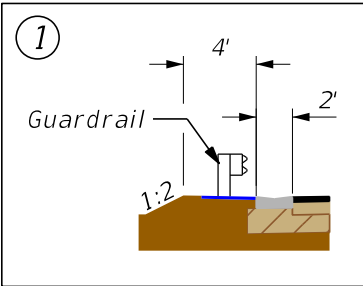
SHEET
NO.
2

PW:\

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



Typical Section



Mariposa Rd
Sta. 201+14 to Sta. 202+04

(18' Pavement)
Shannah Rd (E) (50' R/W)
Sta. 100+15 to Sta. 114+41
Mariposa Rd (50' R/W)
Sta. 200+08 to Sta. 212+43
Mariposa Rd (25' R/W)
Sta. 400+00 to Sta. 402+72
Shannah Rd (W) (50' R/W)
Sta. 500+00 to Sta. 504+62

(20' Pavement)
Les Rohde Dr (50' R/W)
Sta. 300+00 to Sta. 309+43
Brown Dr (50' R/W)
Sta. 402+72 to Sta. 415+09
Dolphin Rd (50' R/W)
Sta. 600+00 to Sta. 609+17

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Conceptual Plans not to be used for construction.



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



MONROE COUNTY ROADWAY VULNERABILITY
ANALYSIS AND CAPITAL PLAN
RAMROD SHORES 1ST, 2ND, AND 3RD ADDITIONS /
RAMROD SHORES MARINA SECTION / RAMROD SHORES
MARINA SECTION REVISED TYPICAL SECTION

SHEET
NO.

3

RAMROD SHORES 1ST, 2ND, AND 3RD ADDITIONS / RAMROD SHORES MARINA SECTION / RAMROD SHORES MARINA SECTION REVISED ELEVATIONS SUMMARY			
ROADWAY SEGMENT	ELEVATION CHANGE * (Between exist. ground and final grade)	LEFT NATURAL GROUND (FT. NAVD88) **	RIGHT NATURAL GROUND (FT. NAVD88) ***
SHANAHAN RD (W)	0' - 1.36'	N/A	N/A
DOLPHIN RD	0' - 0.84'	1.32' - 3.94'	1.59' - 4.01'
LES ROHDE DR	0' - 0.85'	1.29' - 3.55'	1.38' - 3.54'
SHANAHAN RD (E)	0' - 1.39'	-0.77' - 3.69'	-0.75' - 4.00'
MARIPOSA RD	0' - 1.63'	0.90' - 3.15'	0.26' - 4.22'
LES ROHDE DR	0' - 0.85'	1.29' - 3.37'	1.38' - 3.54'
BROWN DR	0' - 1.04'	1.26' - 3.76'	1.26' - 3.32'



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Conceptual Plans not to be used for construction.

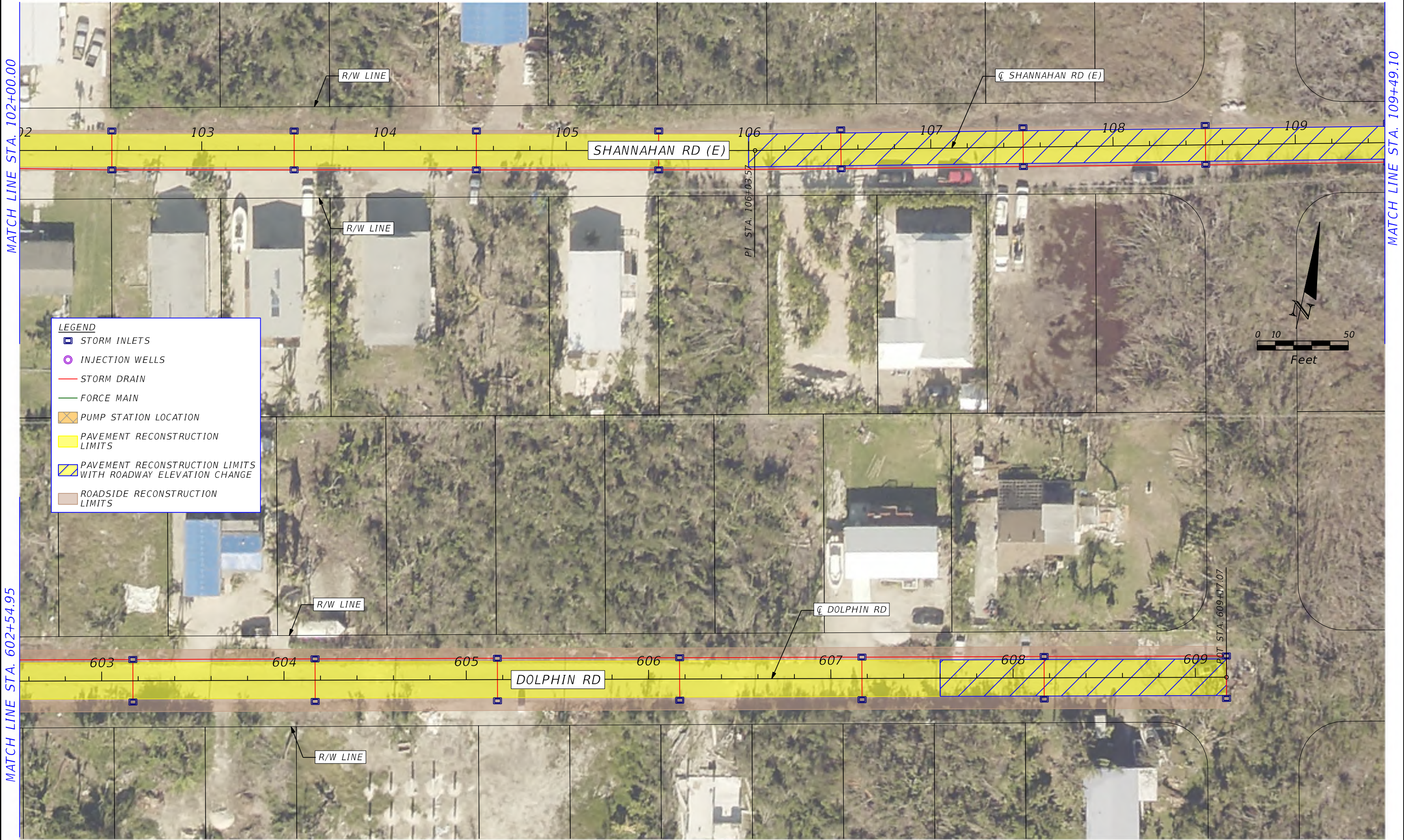


HDR ENGINEERING, INC.
8333 NW 53RD STREET, SUITE 302
DORAL, FL 33166-4786



MONROE COUNTY ROADWAY VULNERABILITY
ANALYSIS AND CAPITAL PLAN
RAMROD SHORES 1ST, 2ND, AND 3RD ADDITIONS /
RAMROD SHORES MARINA SECTION /
RAMROD SHORES MARINA SECTION REVISED

SHEET
NO.
4



REVISIONS				 HDR ENGINEERING, INC. 8333 NW 53RD STREET, SUITE 302 DORAL, FL 33166-4786		MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN RAMROD SHORES 1ST, 2ND, AND 3RD ADDITIONS / RAMROD SHORES MARINA SECTION / RAMROD SHORES MARINA SECTION REVISED	SHEET NO. 5
DATE	DESCRIPTION	DATE	DESCRIPTION				

Conceptual Plans not to be used for construction.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



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



MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN RAMROD SHORES 1ST, 2ND, AND 3RD ADDITIONS / RAMROD SHORES MARINA SECTION / RAMROD SHORES MARINA SECTION REVISED	SHEET NO.
	6

Conceptual Plans not to be used for construction.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

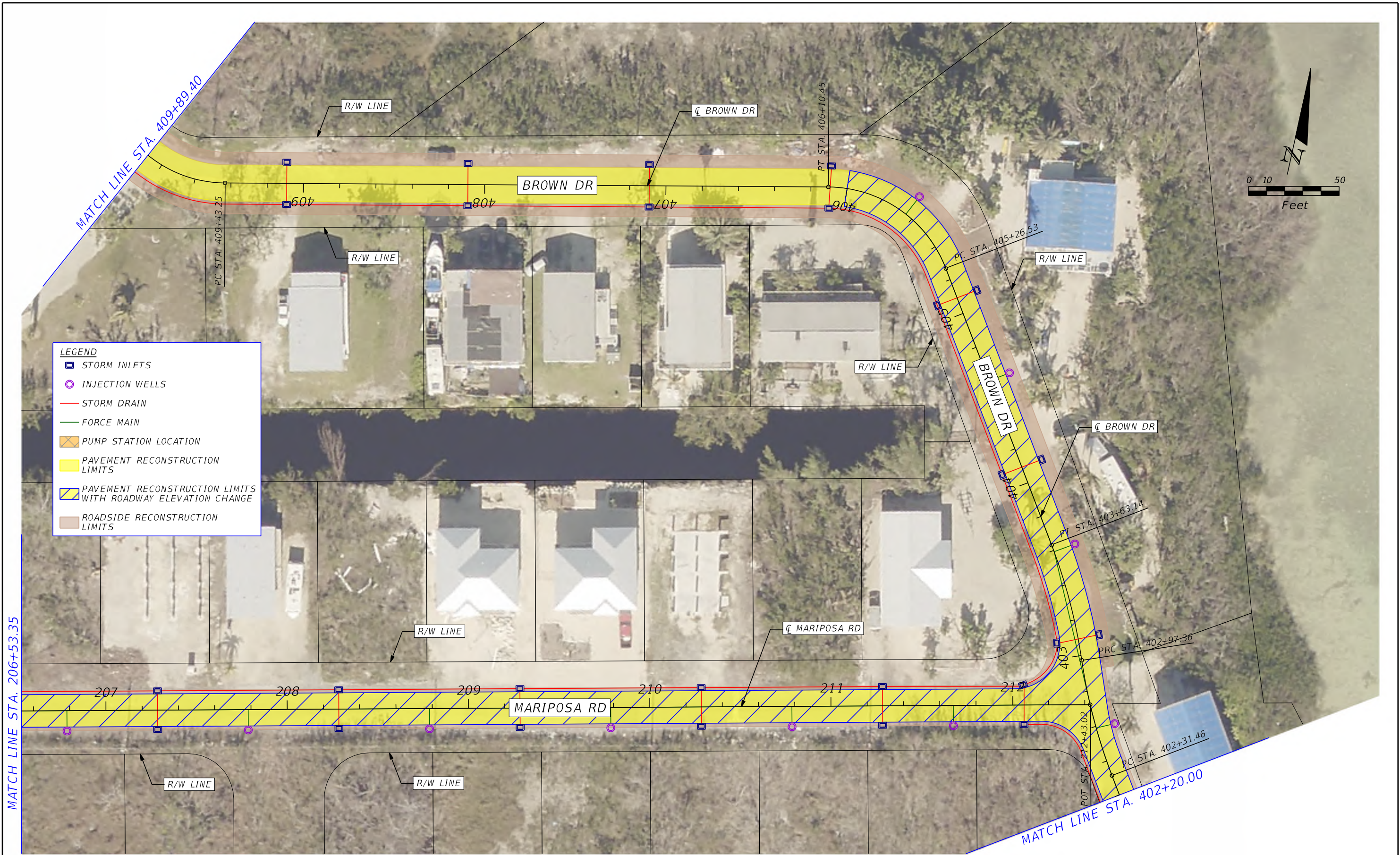
Conceptual Plans not to be used for construction.



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



<i>MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN</i>	<i>SHEET NO.</i>
<i>RAMROD SHORES 1ST, 2ND, AND 3RD ADDITIONS / RAMROD SHORES MARINA SECTION / RAMROD SHORES MARINA SECTION REVISED</i>	<i>7</i>

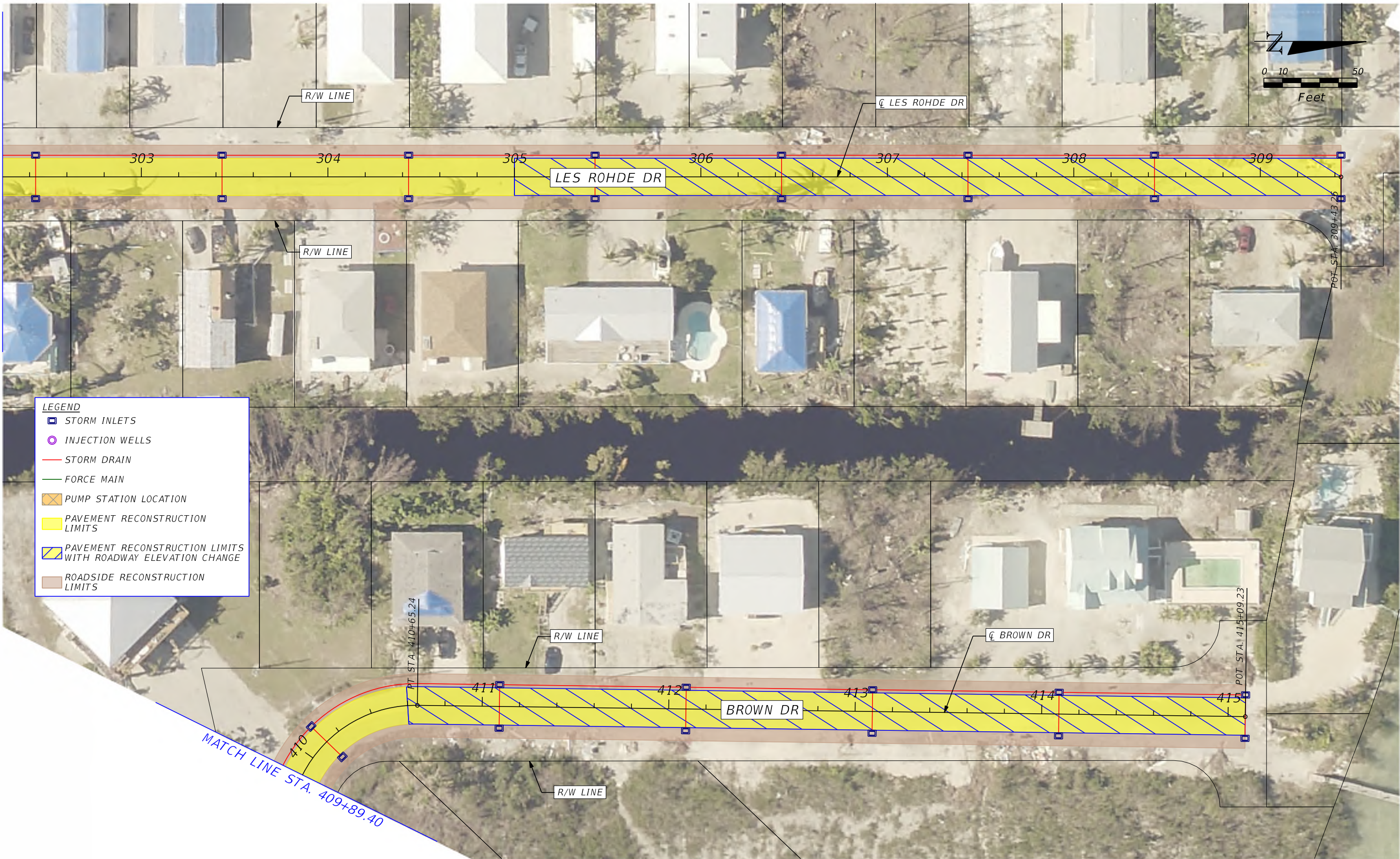


REVISIONS		REVISIONS		 HDR ENGINEERING, INC. 8333 NW 53RD STREET, SUITE 302 DORAL, FL 33166-4786		MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN RAMROD SHORES 1ST, 2ND, AND 3RD ADDITIONS / RAMROD SHORES MARINA SECTION / RAMROD SHORES MARINA SECTION REVISED	SHEET NO. 8
DATE	DESCRIPTION	DATE	DESCRIPTION				

Conceptual Plans not to be used for construction.

MHENRIQU6/8/2022 5:04:14 PM DefaultPW\

MATCH LINE STA. 302+25.56



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



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



MONROE COUNTY ROADWAY VULNERABILITY
ANALYSIS AND CAPITAL PLAN
RAMROD SHORES 1ST, 2ND, AND 3RD ADDITIONS /
RAMROD SHORES MARINA SECTION /
RAMROD SHORES MARINA SECTION REVISED

SHEET
NO.
9

Conceptual Plans not to be used for construction.