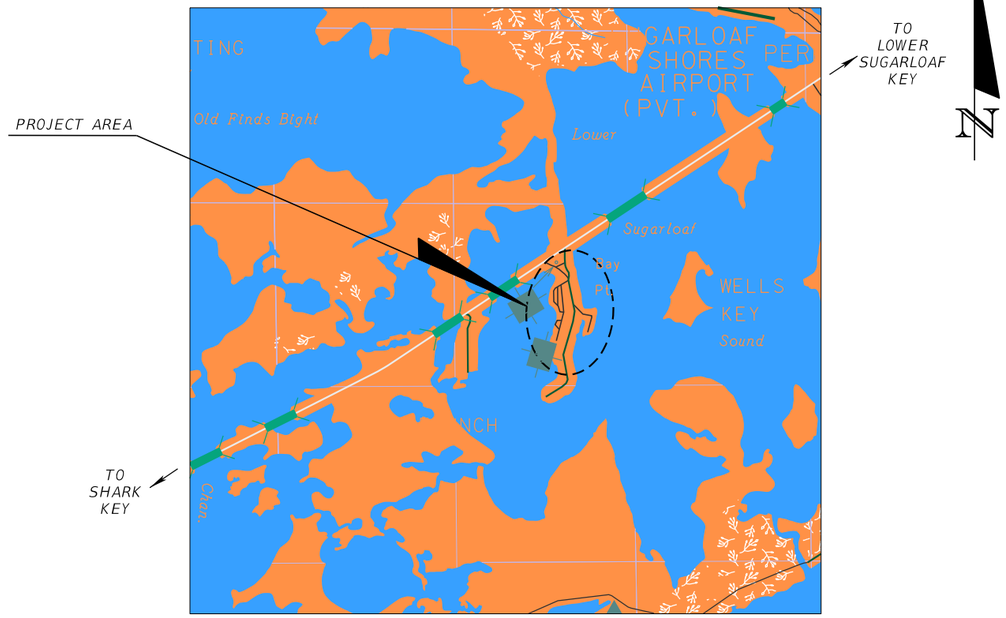
COMPONENTS OF CONTRACT PLANS SET

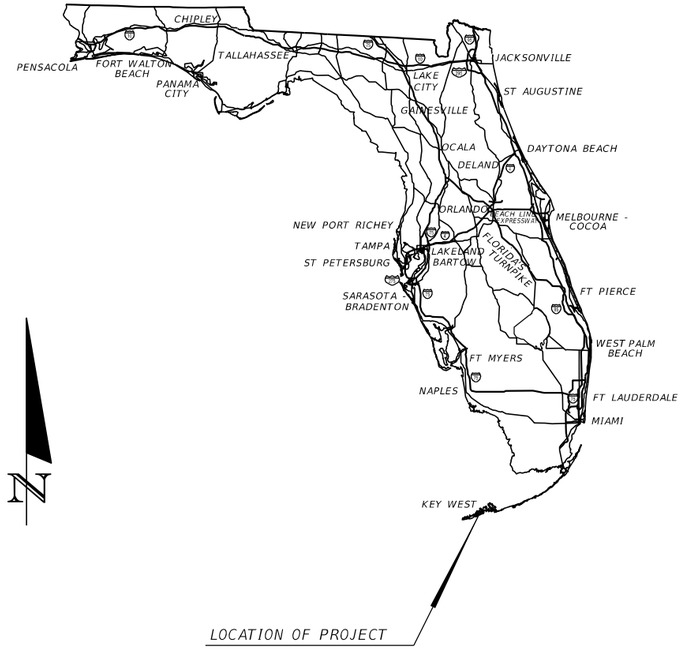
CONTRACT PLANS

MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	PROJECT LAYOUT
3 - 3A	TYPICAL SECTIONS
4 - 15	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 ℄ OF CONSTRUCTION

LENGTH OF PROJECT

	LINEAR FEET	MILES
ROADWAY	11,448	2.168
BRIDGES	25	0.005
NET LENGTH OF PROJECT	11,473	2.173
EXCEPTIONS	25	0.005
GROSS LENGTH OF PROJECT	11,448	2.168

PROJECT AREA #51
SADDLEBUNCH KEY
SUBDIVISIONS:
BAY POINT TRAILER PARK / BAY POINT TRAILER PARK 1ST ADDITION / BAY POINT 1ST ADDITION / BAY POINT AMENDED PLAT

ROADWAY PLANS
ENGINEER OF RECORD:

P.E. NO:

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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DORAL, FL 33166-4786

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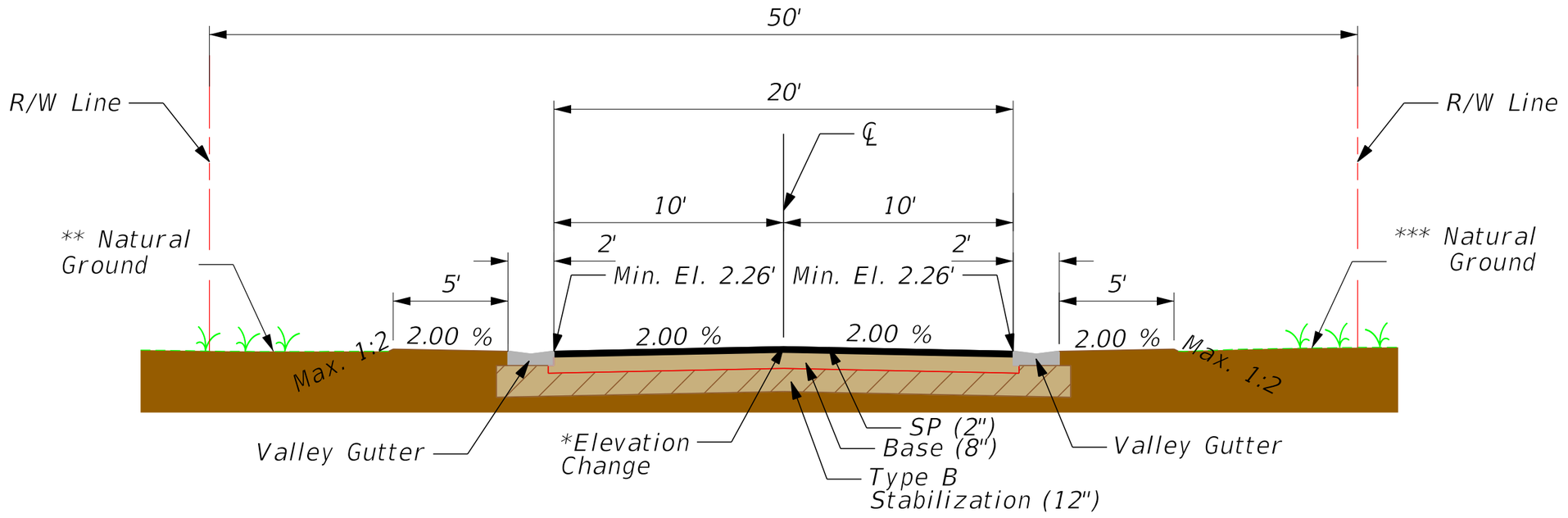
MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

BAY POINT TRAILER PARK, TRAILER PARK 1ST ADDITION, 1ST ADDITION, AMENDED PLAT PROJECT LAYOUT

SHEET NO. 2

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



Typical Section 1

West Circle Dr
Sta. 200+00 to Sta. 210+03

East Circle Dr
Sta. 300+00 to Sta. 309+70

Bay Dr
Sta. 400+00 to Sta. 438+50

Boulder Dr
Sta. 900+11 to Sta. 910+76

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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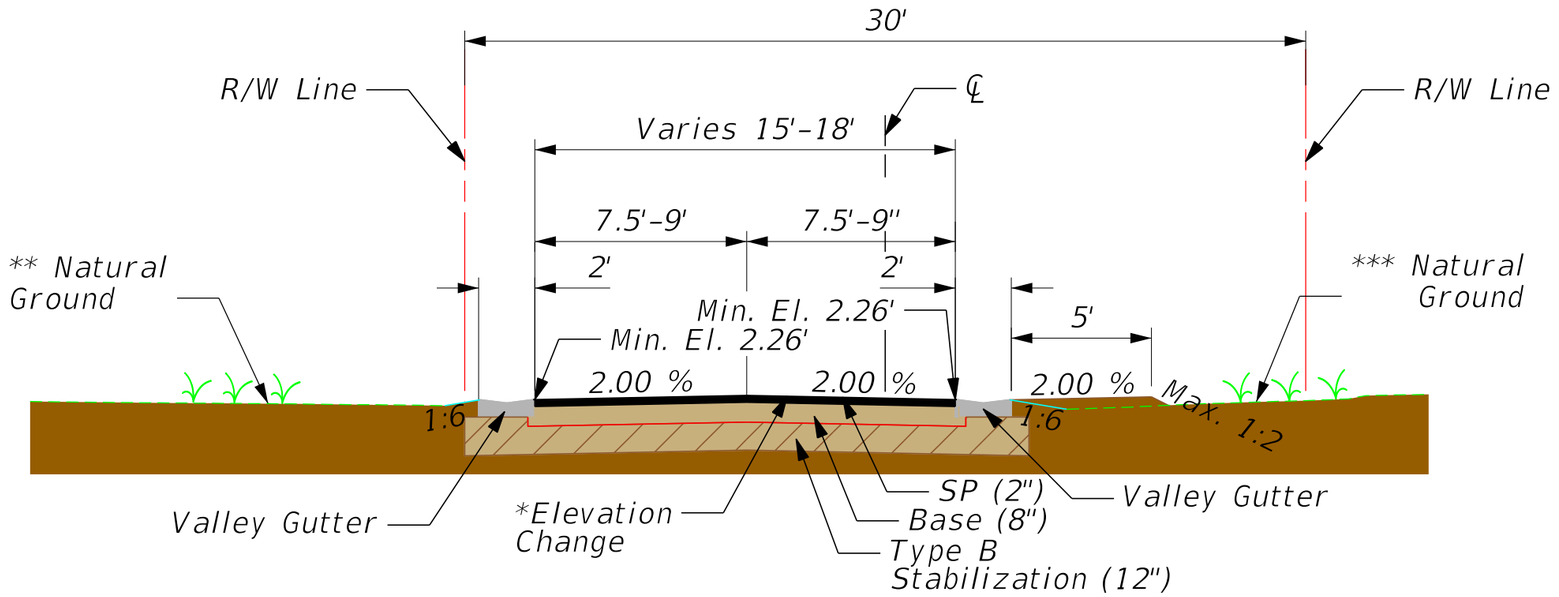
MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

BAY POINT TRAILER PARK, TRAILER PARK 1ST ADDITION, 1ST ADDITION, AMENDED PLAT TYPICAL SECTION

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

Palm Dr	Coral Dr	Beach Dr	Shore Dr
Sta. 500+00 to Sta. 522+96	Sta. 600+00 to Sta. 605+89	Sta. 700+00 to Sta. 710+91	Sta. 800+00 to Sta. 806+09
Pavement Width 15'-18'	Pavement Width 15'	Pavement Width 15'	Pavement Width 15'-18'

BAY POINT TRAILER PARK, TRAILER PARK 1ST ADDITION, 1ST ADDITION, AMENDED PLAT
ELEVATIONS SUMMARY

ROADWAY SEGMENT	ELEVATION CHANGE * (Between exist. ground and final grade)	LEFT NATURAL GROUND (FT. NAVD88) **	RIGHT NATURAL GROUND (FT. NAVD88) ***
E CIRCLE RD	0'	2.21' - 4.80'	1.38' - 4.91'
W CIRCLE RD	0'	1.64' - 4.20'	2.24' - 4.27'
BAY DR	0'	1.67' - 3.86'	1.19' - 4.32'
PALM DR	0'	1.10' - 3.75'	0.00' - 3.69'
CORAL DR	0' - 0.43'	1.80' - 2.77'	1.91' - 3.16'
BEACH DR	0.08' - 0.40'	1.71' - 3.10'	1.97' - 3.25'
SHORE DR	0' - 0.78'	2.31' - 3.21'	2.09' - 3.30'
BOULDER DR	0' - 0.34'	1.40' - 3.78'	1.79' - 4.29'

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

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MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

BAY POINT TRAILER PARK, TRAILER PARK 1ST ADDITION, 1ST ADDITION, AMENDED PLAT TYPICAL SECTION

SHEET NO. 3A

REVISIONS			
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MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

BAY POINT TRAILER PARK, TRAILER PARK 1ST ADDITION, 1ST ADDITON, AMENDED PLAT

SHEET NO. 4

GREYPALERM 8/20/2021 2:51:18 PM Default PW:\

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MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

BAY POINT TRAILER PARK, TRAILER PARK 1ST ADDITION, 1ST ADDITON, AMENDED PLAT

SHEET NO. 5

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

BAY POINT TRAILER PARK, TRAILER PARK 1ST ADDITION, 1ST ADDITON, AMENDED PLAT

SHEET NO. 6

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

BAY POINT TRAILER PARK, TRAILER PARK 1ST ADDITION, 1ST ADDITON, AMENDED PLAT

SHEET NO. 7

MATCH LINE STA. 406+00.00

MATCH LINE STA. 413+80.00

406

407

408

409

410

411

412

413

BAY DR

℄ BAY DR

R/W LINE

R/W LINE

N

0 10 50

Feet

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

REVISIONS			
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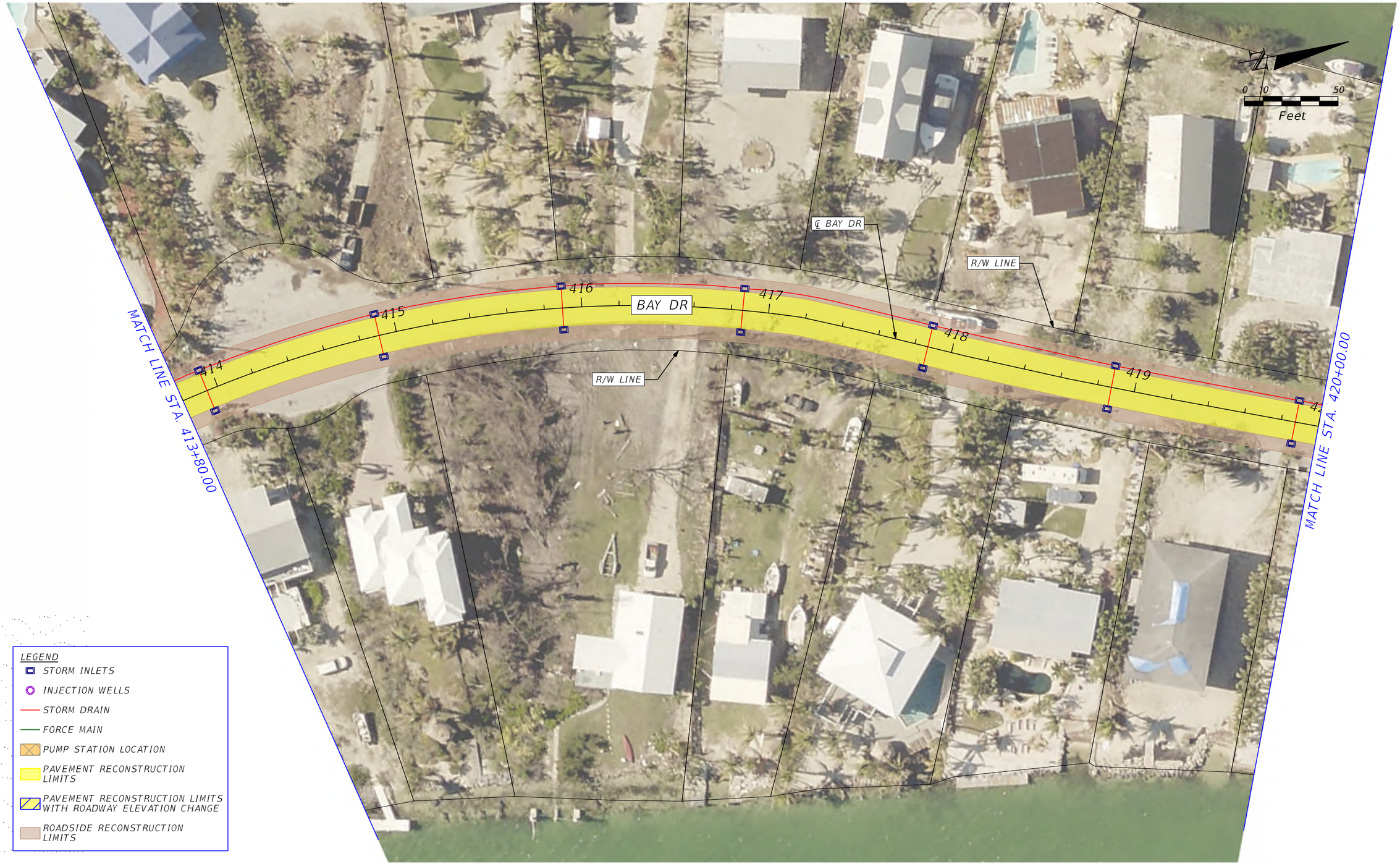
MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

BAY POINT TRAILER PARK, TRAILER PARK 1ST ADDITION, 1ST ADDITON, AMENDED PLAT

SHEET NO. 8



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

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MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

BAY POINT TRAILER PARK, TRAILER PARK 1ST ADDITION, 1ST ADDITON, AMENDED PLAT

SHEET NO. 9

REVISIONS			
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MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

BAY POINT TRAILER PARK, TRAILER PARK 1ST ADDITION, 1ST ADDITON, AMENDED PLAT

SHEET NO. 10

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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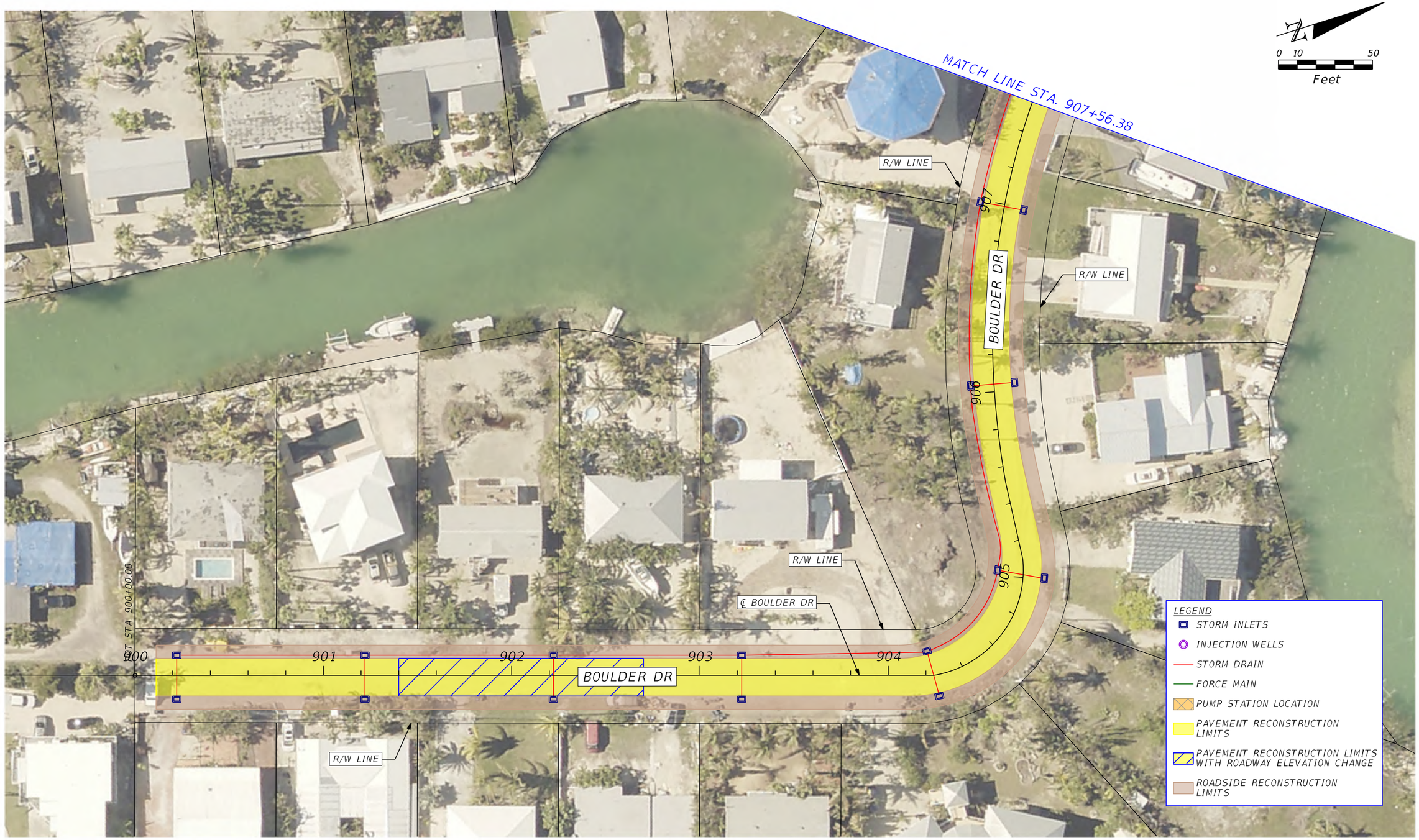
MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

BAY POINT TRAILER PARK, TRAILER PARK 1ST ADDITION, 1ST ADDITON, AMENDED PLAT

SHEET NO. 11

Conceptual Plans not to be used for construction.



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MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

BAY POINT TRAILER PARK, TRAILER PARK 1ST ADDITION, 1ST ADDITON, AMENDED PLAT

SHEET NO. 12

MATCH LINE STA. 521+00.00

MATCH LINE STA. 203+62.61

MATCH LINE STA. 434+38.06

MATCH LINE STA. 303+17.22

N

0 10 50

Feet

BEGIN BRIDGE

END BRIDGE

℄ PALM DR

PALM DR

522

15

R/W LINE

℄ BAY DR

435 436 437 438

POT STA. 522+95.74

BAY DR

300 200

201 202 203

℄ W CIRCLE DR

W CIRCLE DR

℄ E CIRCLE DR

E CIRCLE DR

301 302 303

LEGEND

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

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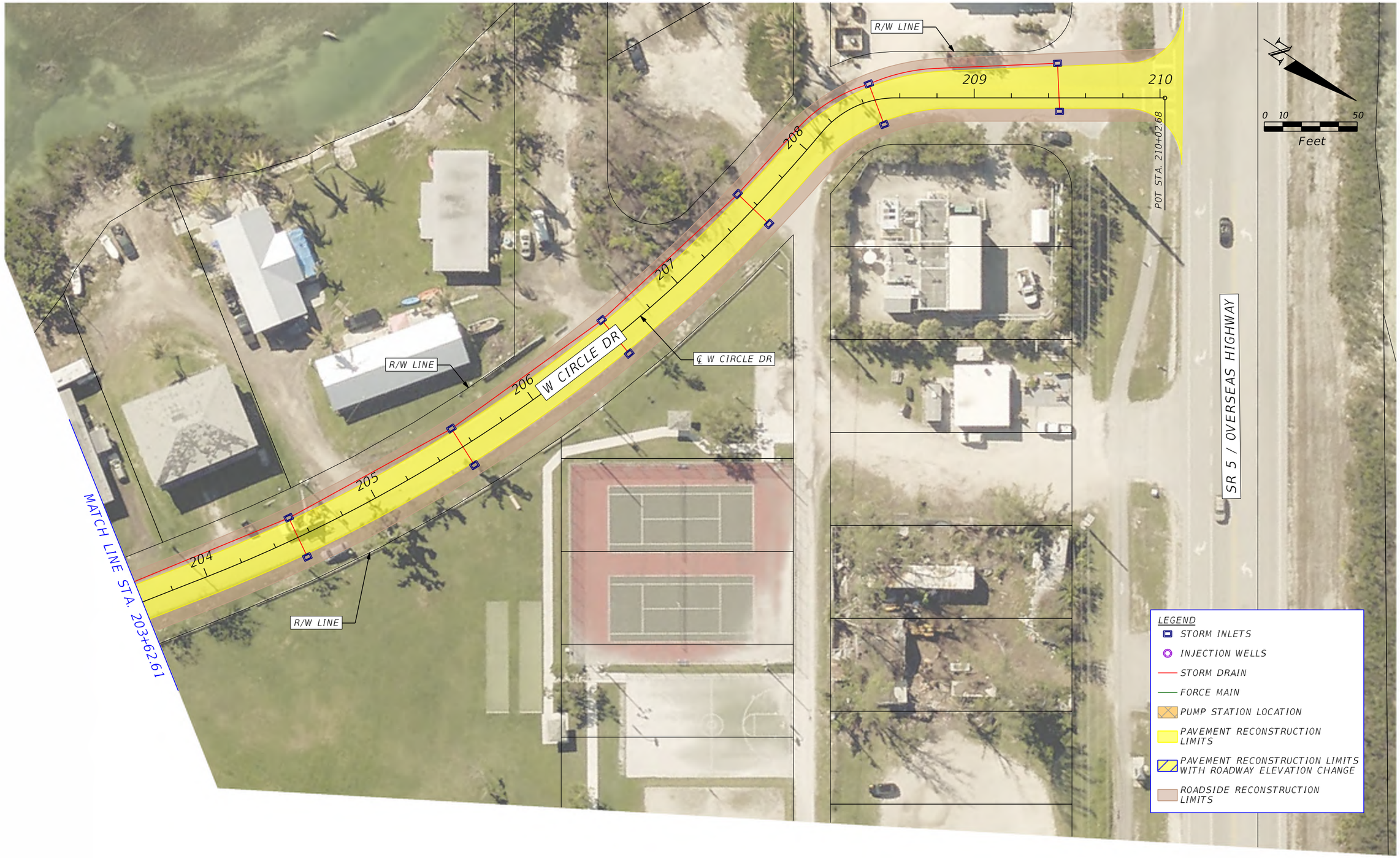
MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

BAY POINT TRAILER PARK, TRAILER PARK 1ST ADDITION, 1ST ADDITON, AMENDED PLAT

SHEET NO. 13



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MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

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SHEET NO. 14

REVISIONS			
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MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN

BAY POINT TRAILER PARK, TRAILER PARK 1ST ADDITION, 1ST ADDITON, AMENDED PLAT

SHEET NO. 15

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