

CONTRACT PLANS

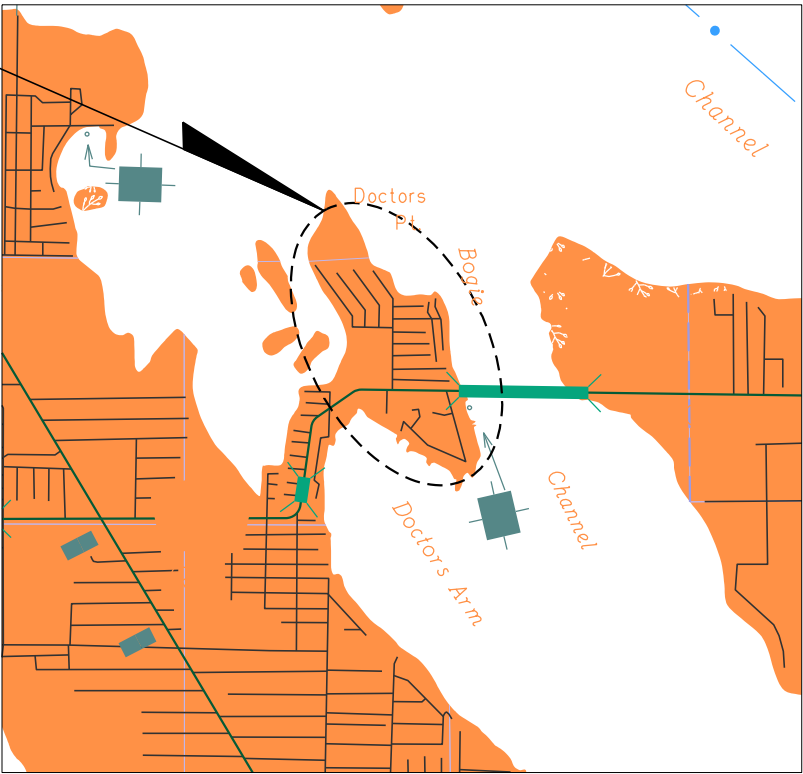
MONROE COUNTY ROADWAY
VULNERABILITY ANALYSIS
AND CAPITAL PLAN

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	PROJECT LAYOUT
3 - 3D	TYPICAL SECTIONS
4 - 22	ROADWAY PLAN

PROJECT AREA

TO
NO NAME
KEY



TO
LITTLE TORCH
KEY



Conceptual Plans not to be used for construction.

PROJECT LENGTH IS BASED ON Q OF CONSTRUCTION

LENGTH OF PROJECT

	LINEAR FEET	MILES
ROADWAY	16,588	3.142
BRIDGES	--	--
NET LENGTH OF PROJECT	16,588	3.142
EXCEPTIONS	--	--
GROSS LENGTH OF PROJECT	16,588	3.142

PROJECT AREA #30

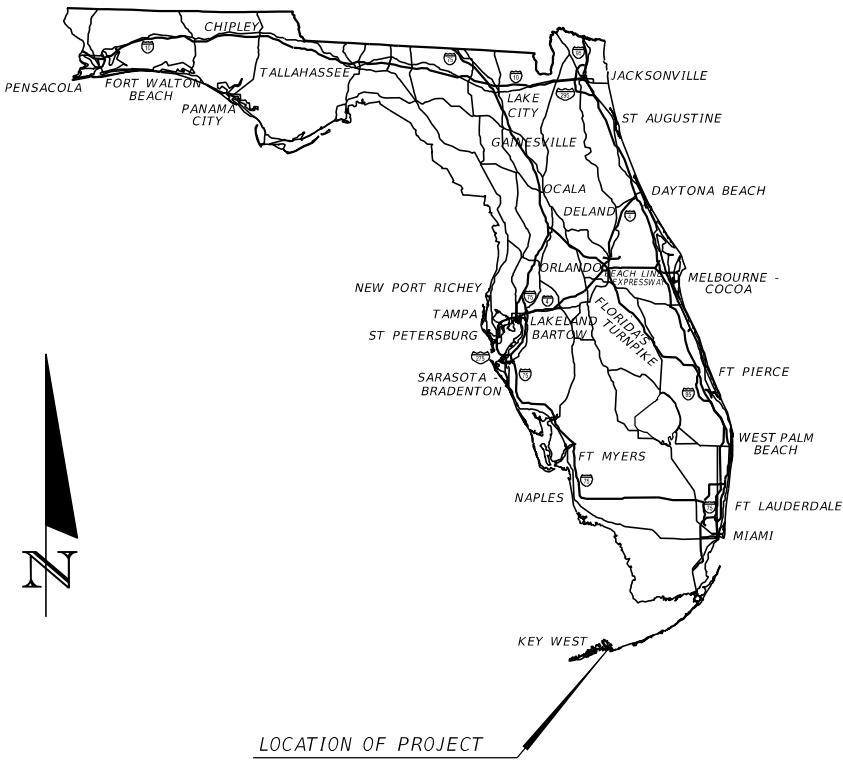
BIG PINE KEY

SUBDIVISIONS:

DOCTOR'S ARM / DOCTOR'S ARM 1ST AND 2ND ADDITIONS /

DOCTOR'S ARM 3RD ADDITION SECTIONS A, B, AND C /

JR MATTHEWS PROPERTIES / PUNTA BRISA



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

ROADWAY PLANS
ENGINEER OF RECORD:

P.E. NO:



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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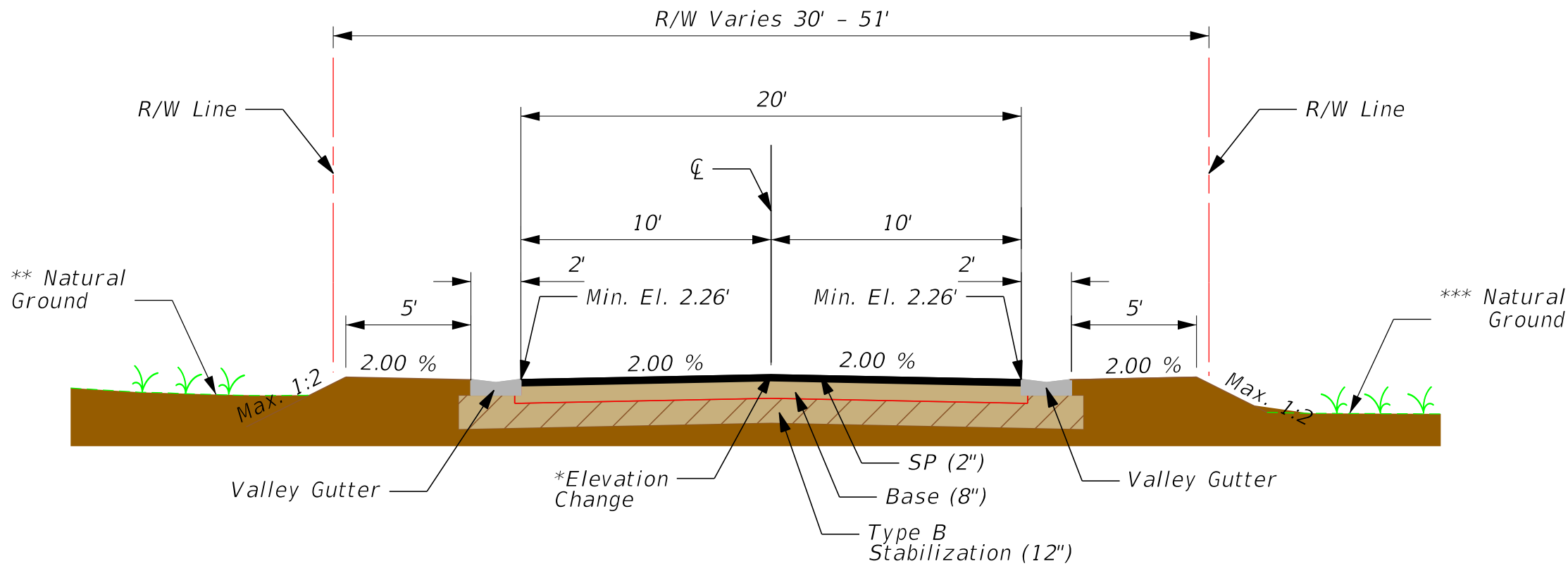
MONROE COUNTY ROADWAY VULNERABILITY
ANALYSIS AND CAPITAL PLAN
DOCTOR'S ARM 1ST, 2ND, AND 3RD ADDITIONS /
JR MATTHEWS PROPERTIES / PUNTA BRISA
PROJECT LAYOUT

SHEET
NO.

2

PW:\

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



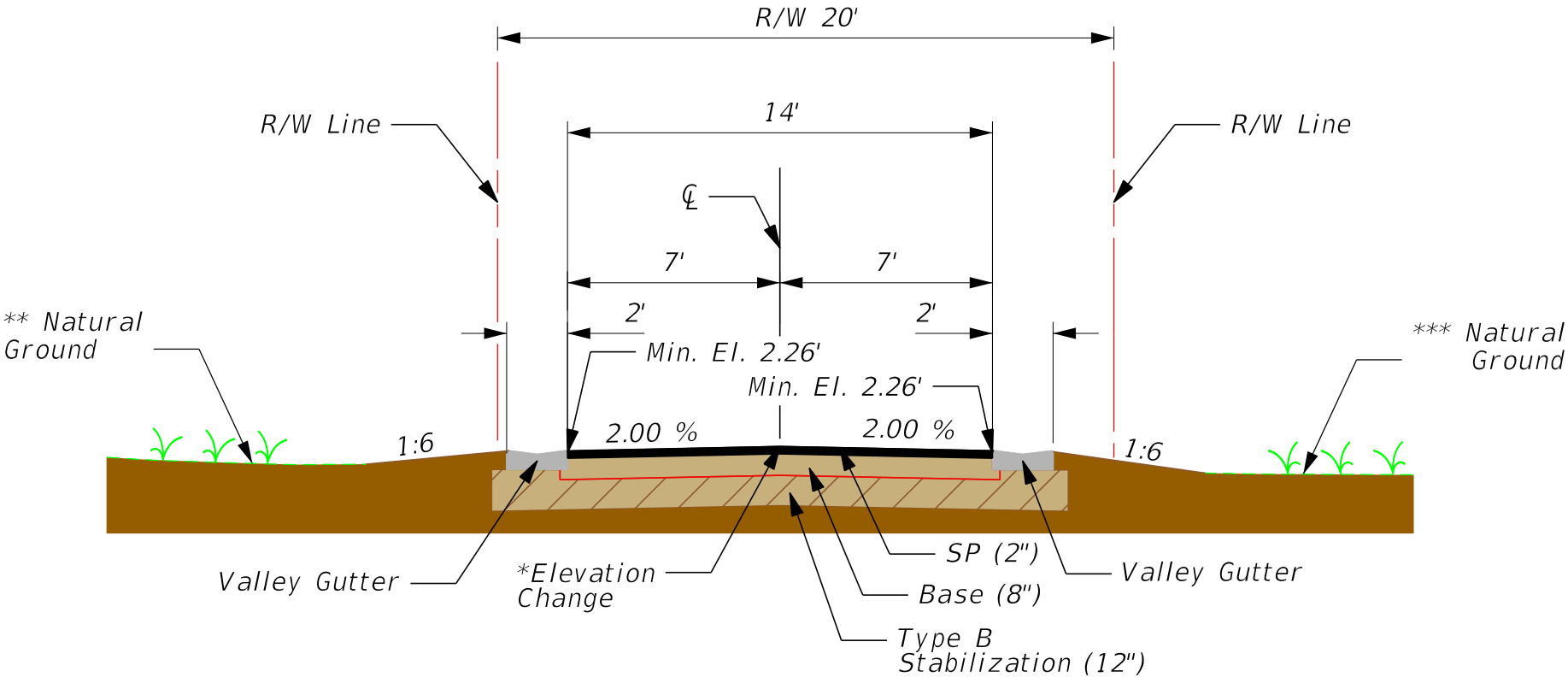
Typical Section 1

Bogie Dr (30' R/W)
Sta. 300+00 to Sta. 316+75
Bay Shore Dr (30' R/W)
Sta. 400+00 to Sta. 415+62

Matthew Rd (50' R/W)
Sta. 517+44 to Sta. 526+62
Granada Ave (50' R/W)
Sta. 800+00 to Sta. 806+41
W Ortega Ln (51' R/W)
Sta. 900+00 to Sta. 908+47

San Marco Dr (50' R/W)
Sta. 1000+00 to Sta. 1014+12
San Remo Dr (50' R/W)
Sta. 1100+00 to Sta. 1114+37
San Sebastian Dr (50' R/W)
Sta. 1200+00 to Sta. 1215+06

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



Typical Section 2

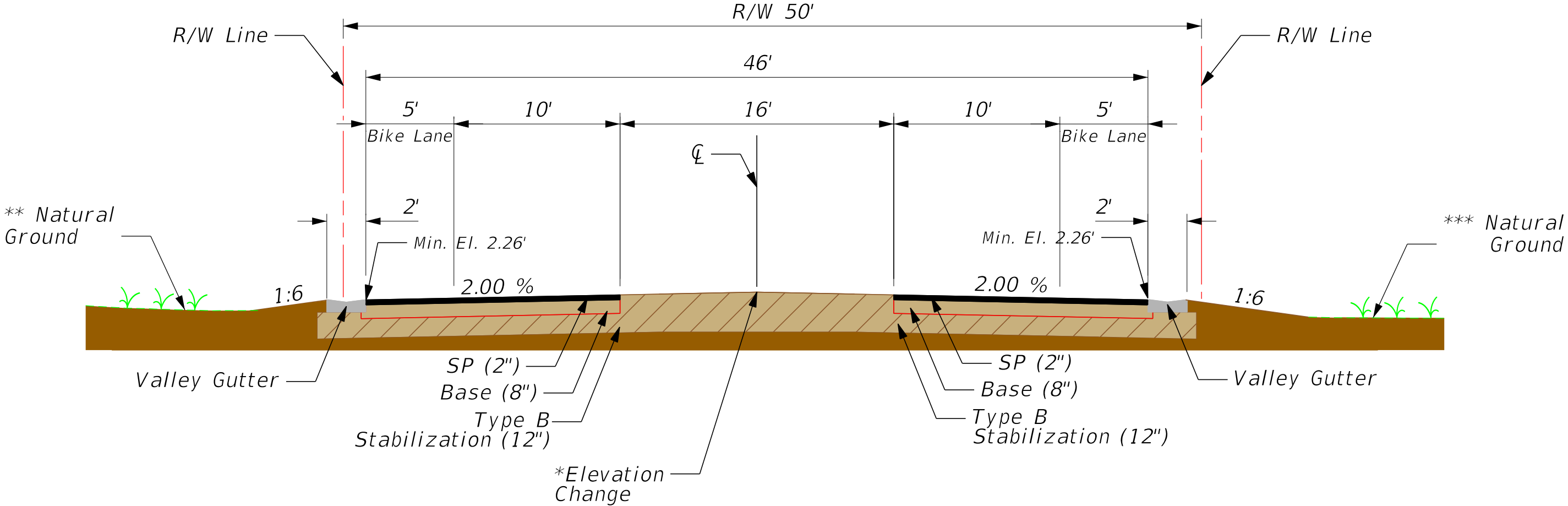
Witters Ln
Sta. 600+00 to Sta. 611+46

Baileys Ln
Sta. 700+00 to Sta. 711+47

REVISIONS				 HDR ENGINEERING, INC. 8333 NW 53RD STREET, SUITE 302 DORAL, FL 33166-4786		MONROE COUNTY ROADWAY VULNERABILITY ANALYSIS AND CAPITAL PLAN DOCTOR'S ARM 1ST, 2ND, AND 3RD ADDITIONS / JR MATTHEWS PROPERTIES / PUNTA BRISA TYPICAL SECTIONS	SHEET NO. 3A
DATE	DESCRIPTION	DATE	DESCRIPTION				

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



Typical Section 3
Matthew Rd
Sta. 500+00 to Sta. 517+44

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MONROE COUNTY ROADWAY VULNERABILITY
ANALYSIS AND CAPITAL PLAN
DOCTOR'S ARM 1ST, 2ND, AND 3RD ADDITIONS /
JR MATTHEWS PROPERTIES / PUNTA BRISA
TYPICAL SECTIONS

SHEET
NO.
3B

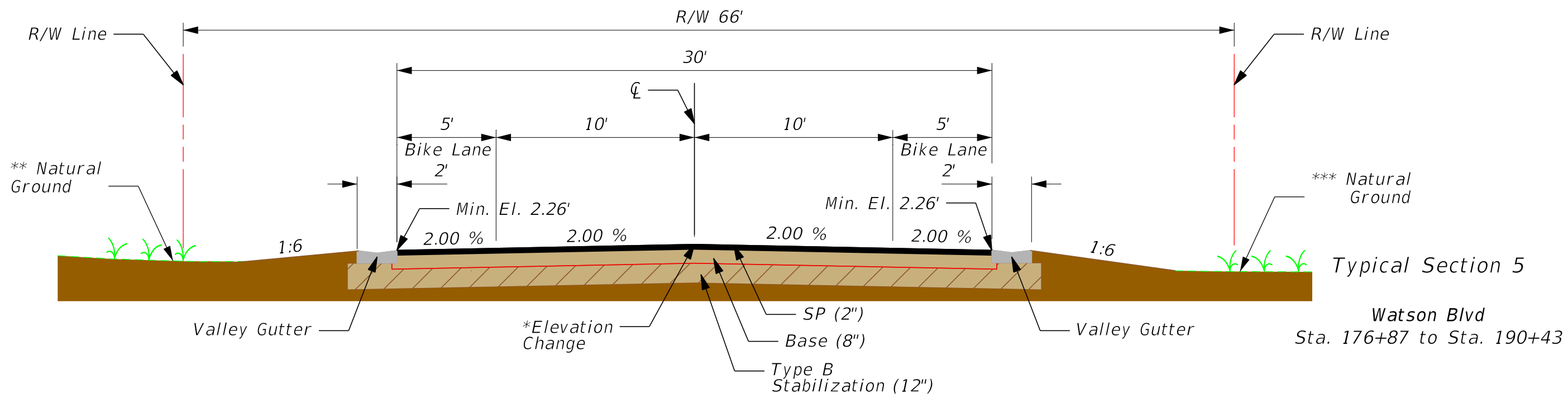
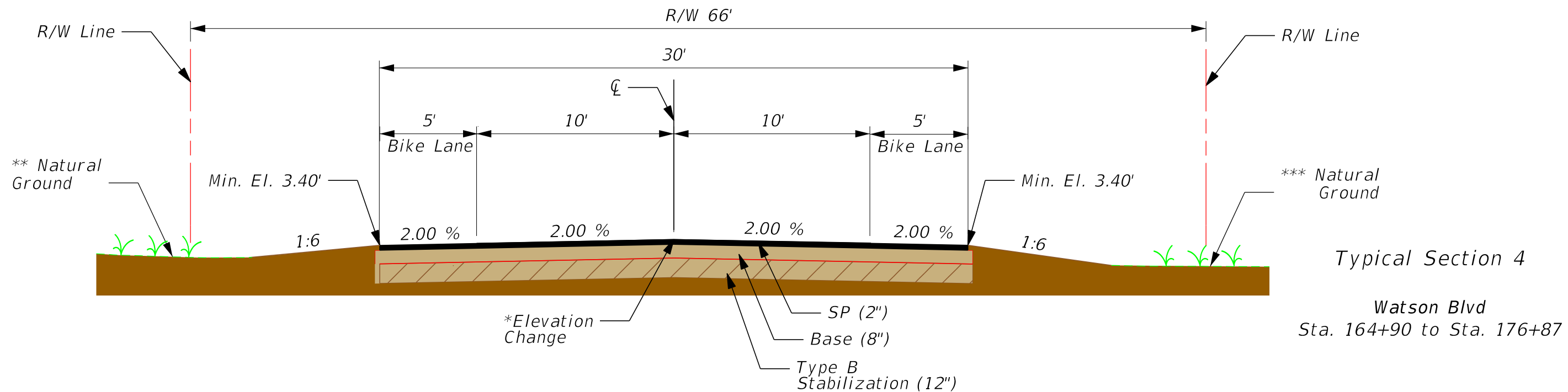
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Roadway Reconstruction and Valley Gutter Alternatives
Design for NOAA Intermediate-High
2045 SLR Projections



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MONROE COUNTY ROADWAY VULNERABILITY
ANALYSIS AND CAPITAL PLAN
DOCTOR'S ARM 1ST, 2ND, AND 3RD ADDITIONS /
JR MATTHEWS PROPERTIES / PUNTA BRISA
TYPICAL SECTIONS

SHEET
NO.
3C

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

BIG PINE KEY - DOCTOR'S ARM 1ST, 2ND, AND 3RD ADDITIONS / JR MATTHEWS PROPERTIES / PUNTA BRISA ELEVATIONS SUMMARY			
ROADWAY SEGMENT	ELEVATION CHANGE * (Between exist. ground and final grade)	LEFT NATURAL GROUND (FT. NAVD88) **	RIGHT NATURAL GROUND (FT. NAVD88) ***
BOGIE DR	0' - 1.25'	0.25' - 3.01'	0.40' - 2.04'
BAY SHORE DR	0' - 0.65'	1.27' - 2.64'	1.07' - 2.45'
MATTHEW RD	0' - 1.53'	1.29' - 4.32'	0.16' - 3.30'
GRANADA AVE	0.70' - 1.56'	0.69' - 2.98'	0.68' - 2.13'
W ORTEGA LN	0' - 0.68'	-0.88' - 2.66'	0.16' - 1.84'
SAN MARCO DR	0' - 0.33'	1.88' - 3.31'	1.86' - 3.41'
SAN REMO DR	0' - 0.27'	1.79' - 4.14'	1.65' - 3.56'
SAN SEBASTIAN DR	0' - 0.09'	0.98' - 2.74'	1.89' - 4.32'
WITTERS LN	0' - 1.15'	1.20' - 2.76'	1.11' - 2.85'
BAILEYS LN	0' - 1.20'	0.97' - 2.62'	1.07' - 2.57'
WATSON BLVD	0' - 2.40'	0.01' - 3.59'	-0.89' - 3.87'

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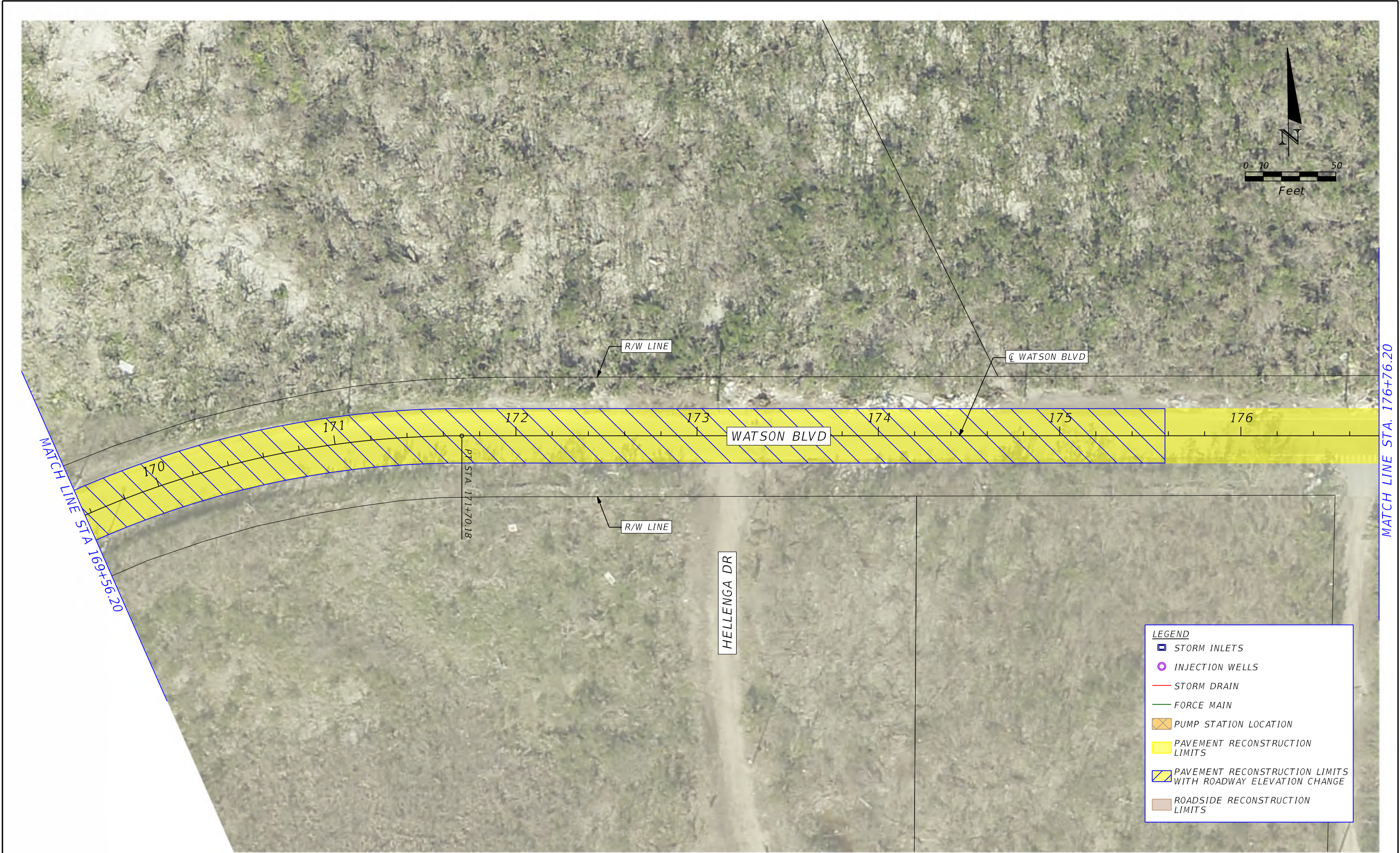
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MONROE COUNTY ROADWAY VULNERABILITY
ANALYSIS AND CAPITAL PLAN
DOCTOR'S ARM 1ST, 2ND, AND 3RD ADDITIONS /
JR MATTHEWS PROPERTIES / PUNTA BRISA

SHEET
NO.
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ANALYSIS AND CAPITAL PLAN

DOCTOR'S ARM 1ST, 2ND, AND 3RD ADDITIONS /
JR MATTHEWS PROPERTIES / PUNTA BRISA

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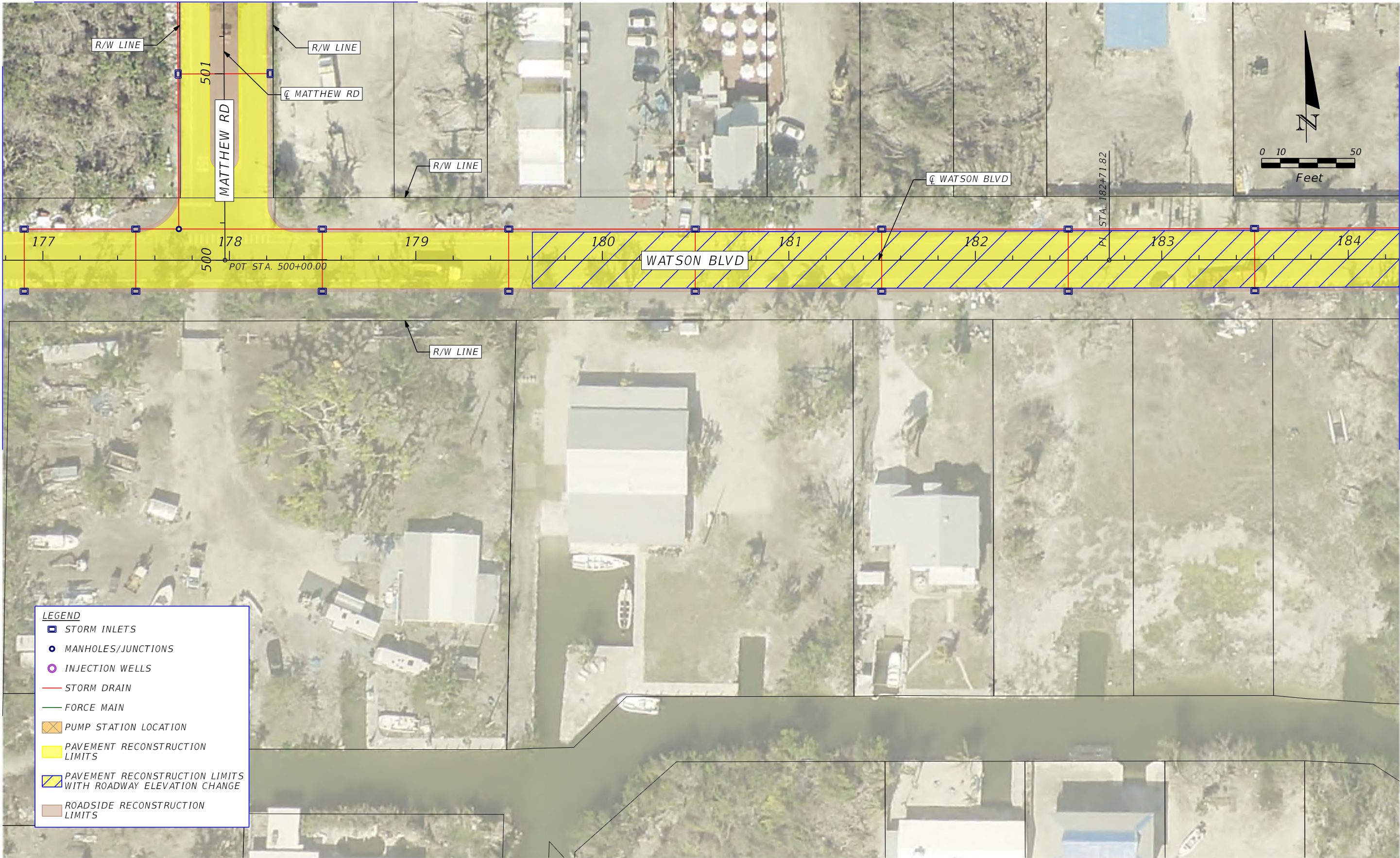
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MATCH LINE STA. 176+76.20

MATCH LINE STA. 501+38.47

MATCH LINE STA. 184+27.39



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

REVISIONS			
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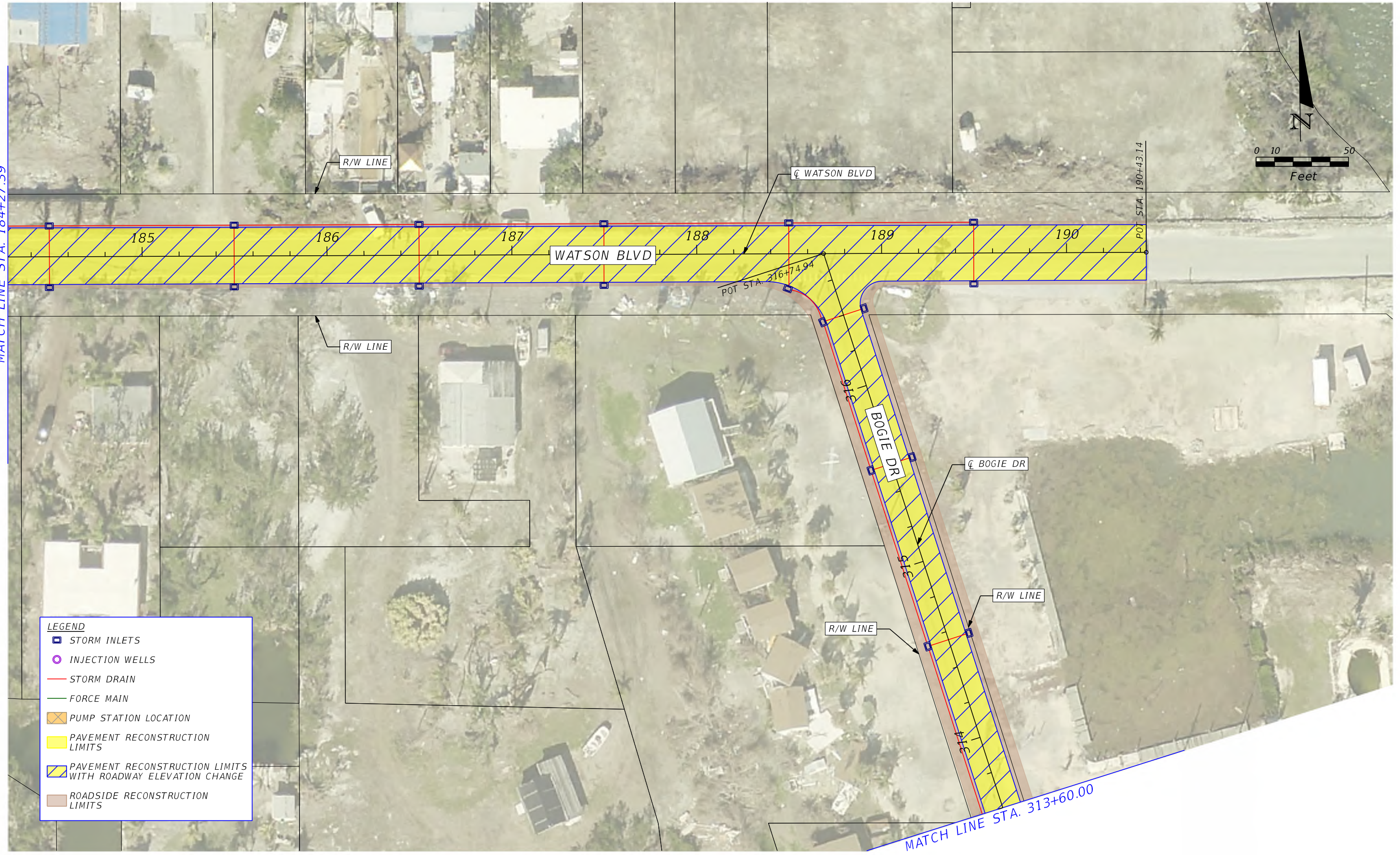
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MONROE COUNTY ROADWAY VULNERABILITY
ANALYSIS AND CAPITAL PLAN
DOCTOR'S ARM 1ST, 2ND, AND 3RD ADDITIONS /
JR MATTHEWS PROPERTIES / PUNTA BRISA

SHEET
NO.
6

MATCH LINE STA. 184+27.39



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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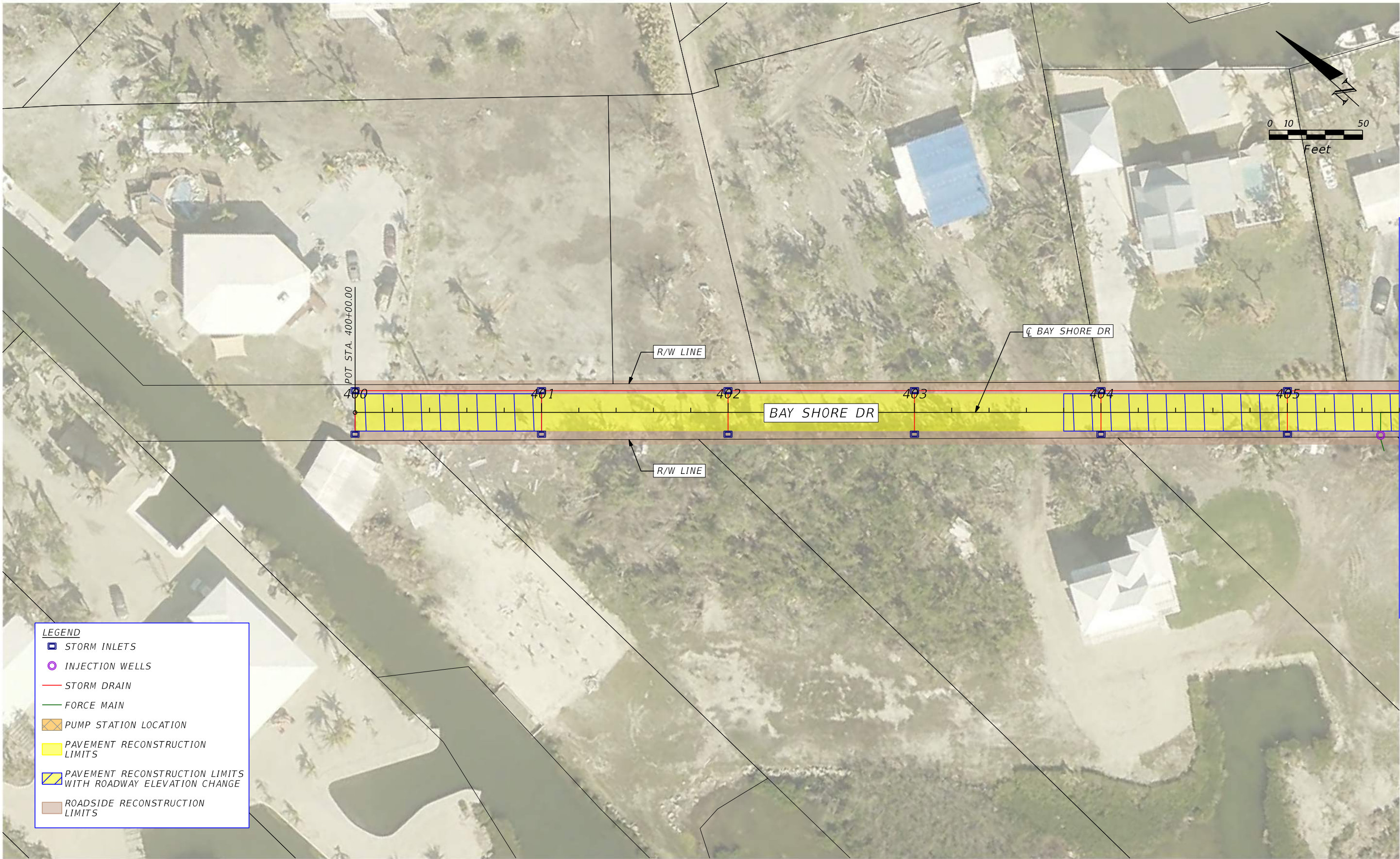
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ANALYSIS AND CAPITAL PLAN
DOCTOR'S ARM 1ST, 2ND, AND 3RD ADDITIONS /
JR MATTHEWS PROPERTIES / PUNTA BRISA

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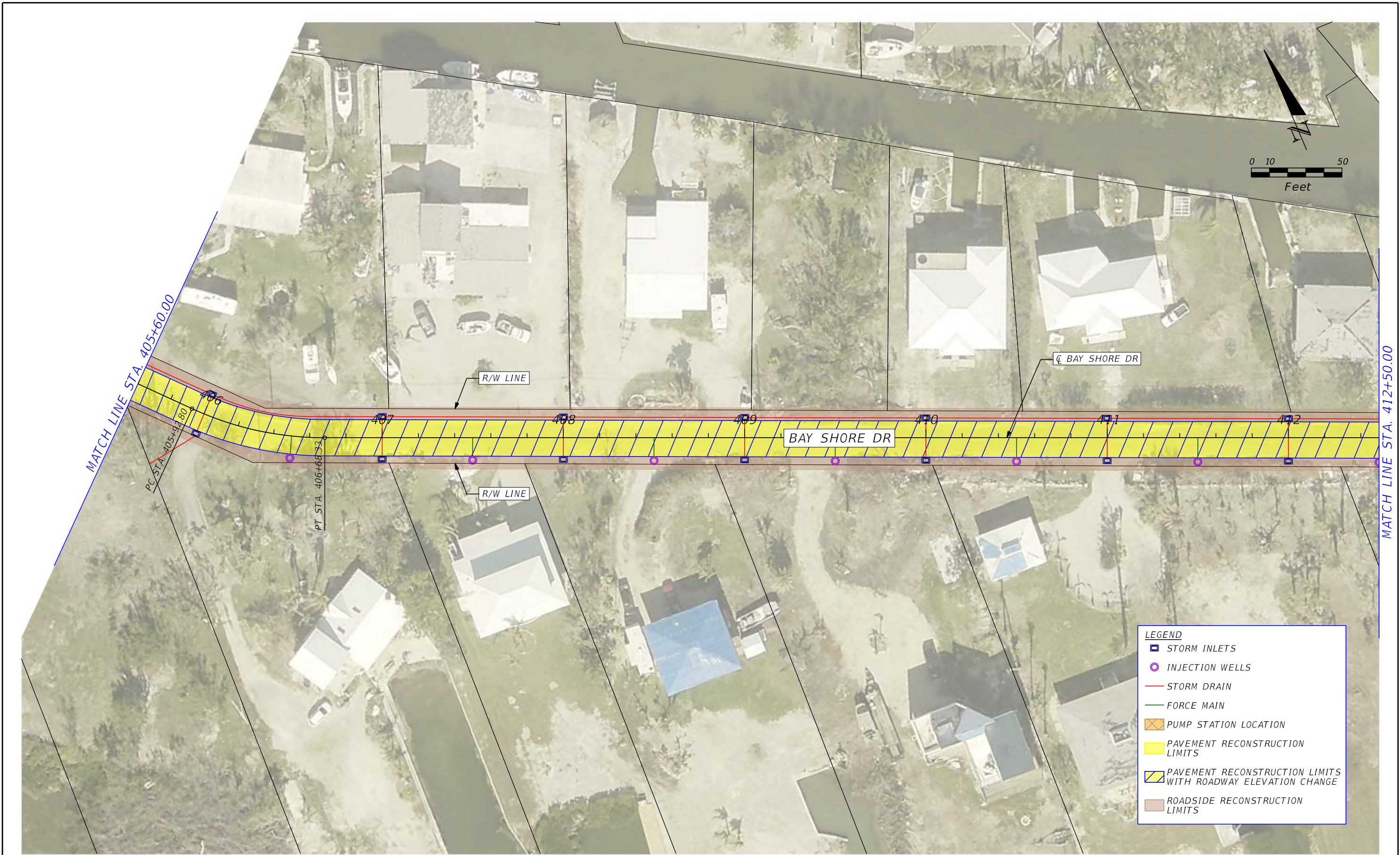


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MONROE COUNTY ROADWAY VULNERABILITY
ANALYSIS AND CAPITAL PLAN
DOCTOR'S ARM 1ST, 2ND, AND 3RD ADDITIONS /
JR MATTHEWS PROPERTIES / PUNTA BRISA

SHEET
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8



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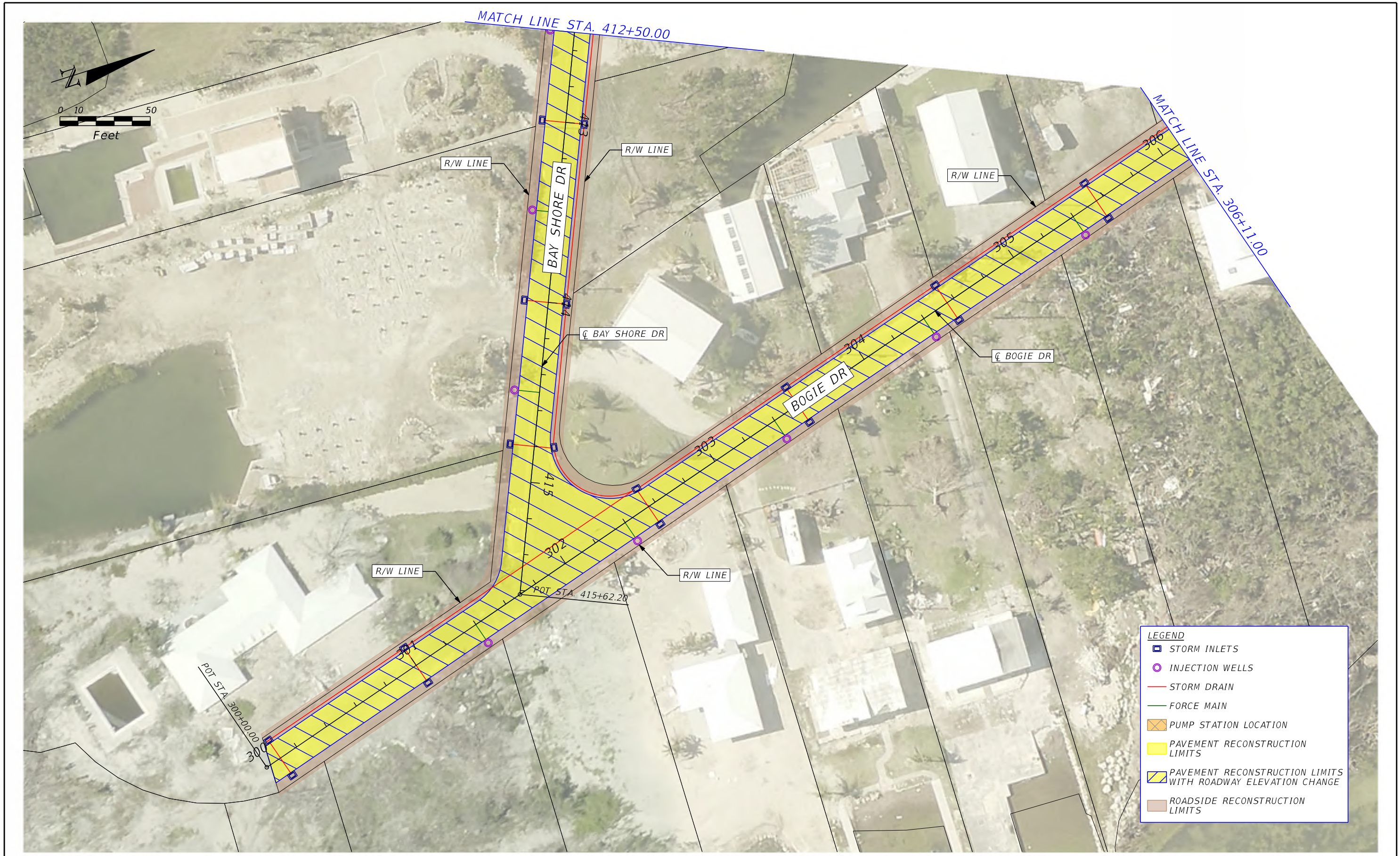


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MONROE COUNTY ROADWAY VULNERABILITY
ANALYSIS AND CAPITAL PLAN
DOCTOR'S ARM 1ST, 2ND, AND 3RD ADDITIONS /
JR MATTHEWS PROPERTIES / PUNTA BRISA

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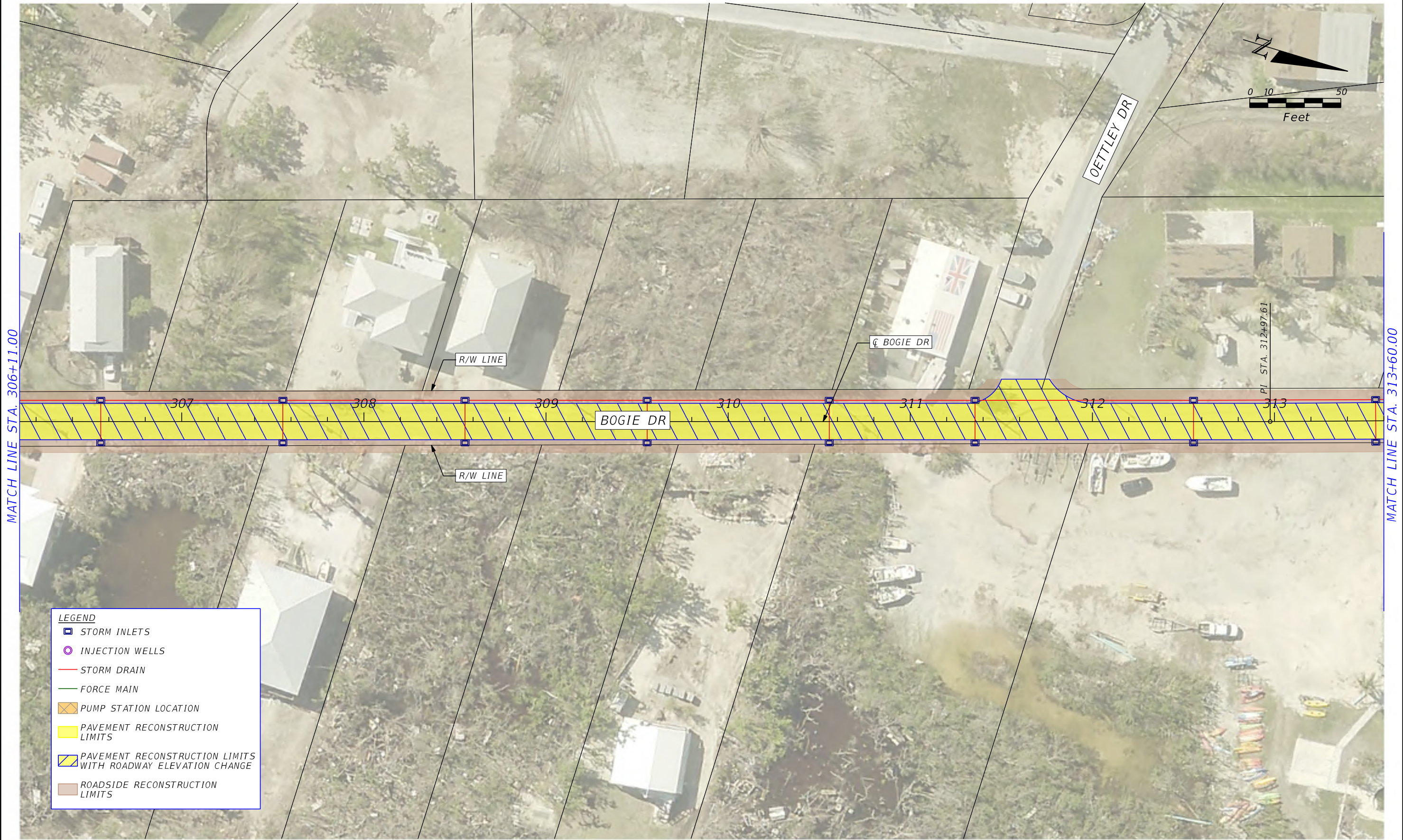
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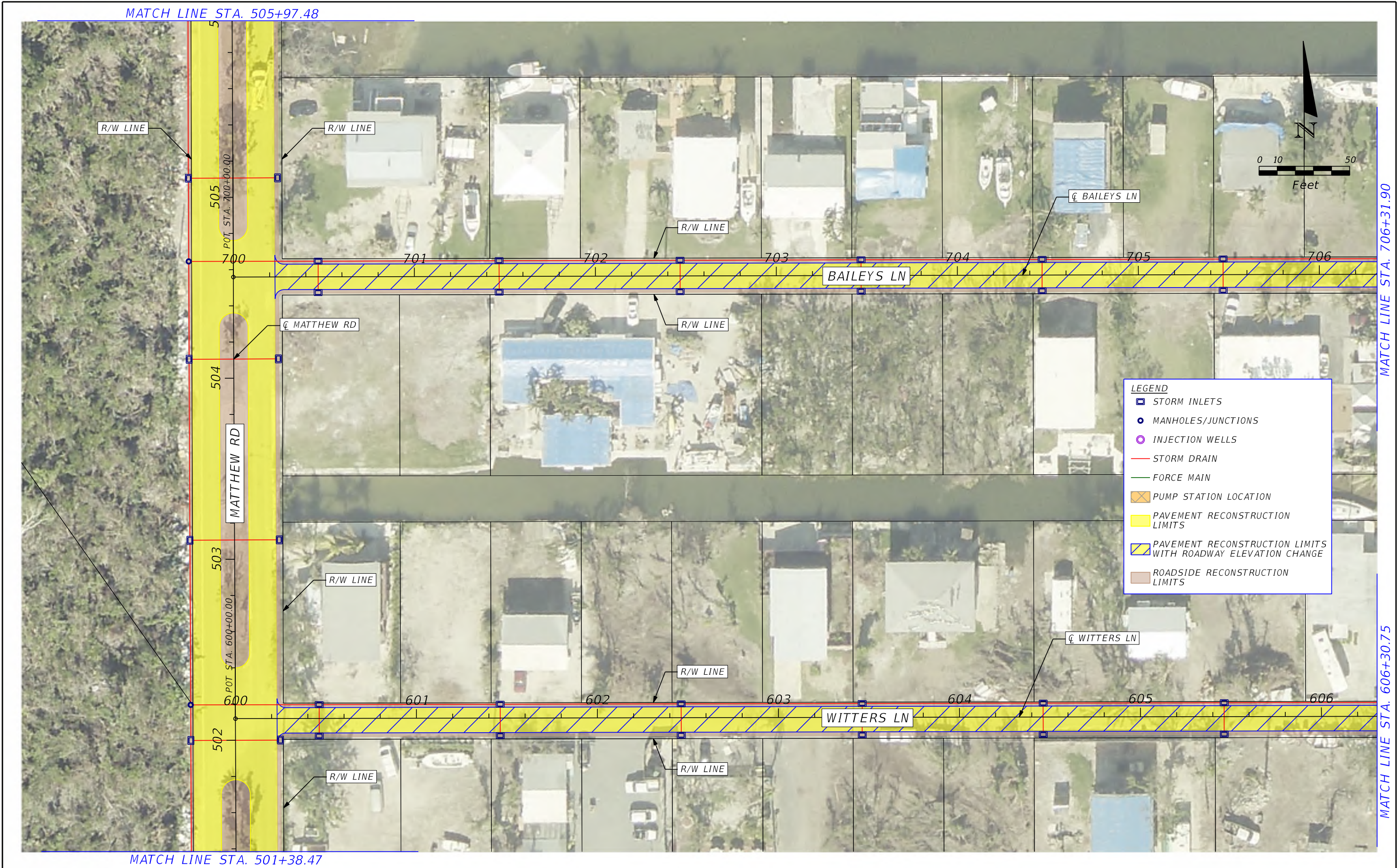


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MONROE COUNTY ROADWAY VULNERABILITY
ANALYSIS AND CAPITAL PLAN
DOCTOR'S ARM 1ST, 2ND, AND 3RD ADDITIONS /
JR MATTHEWS PROPERTIES / PUNTA BRISA

SHEET
NO.
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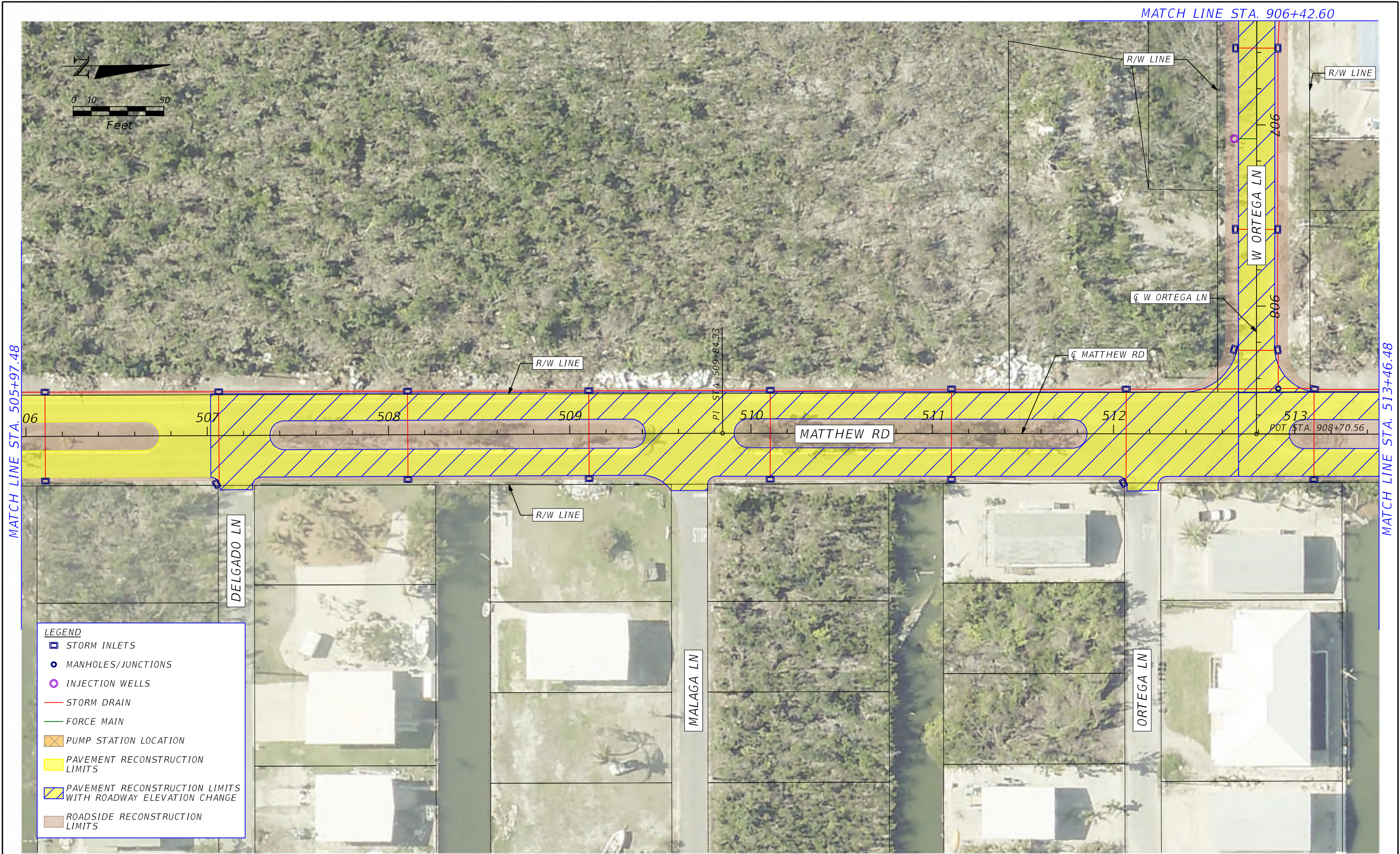
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MONROE COUNTY ROADWAY VULNERABILITY
ANALYSIS AND CAPITAL PLAN
DOCTOR'S ARM 1ST, 2ND, AND 3RD ADDITIONS /
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13

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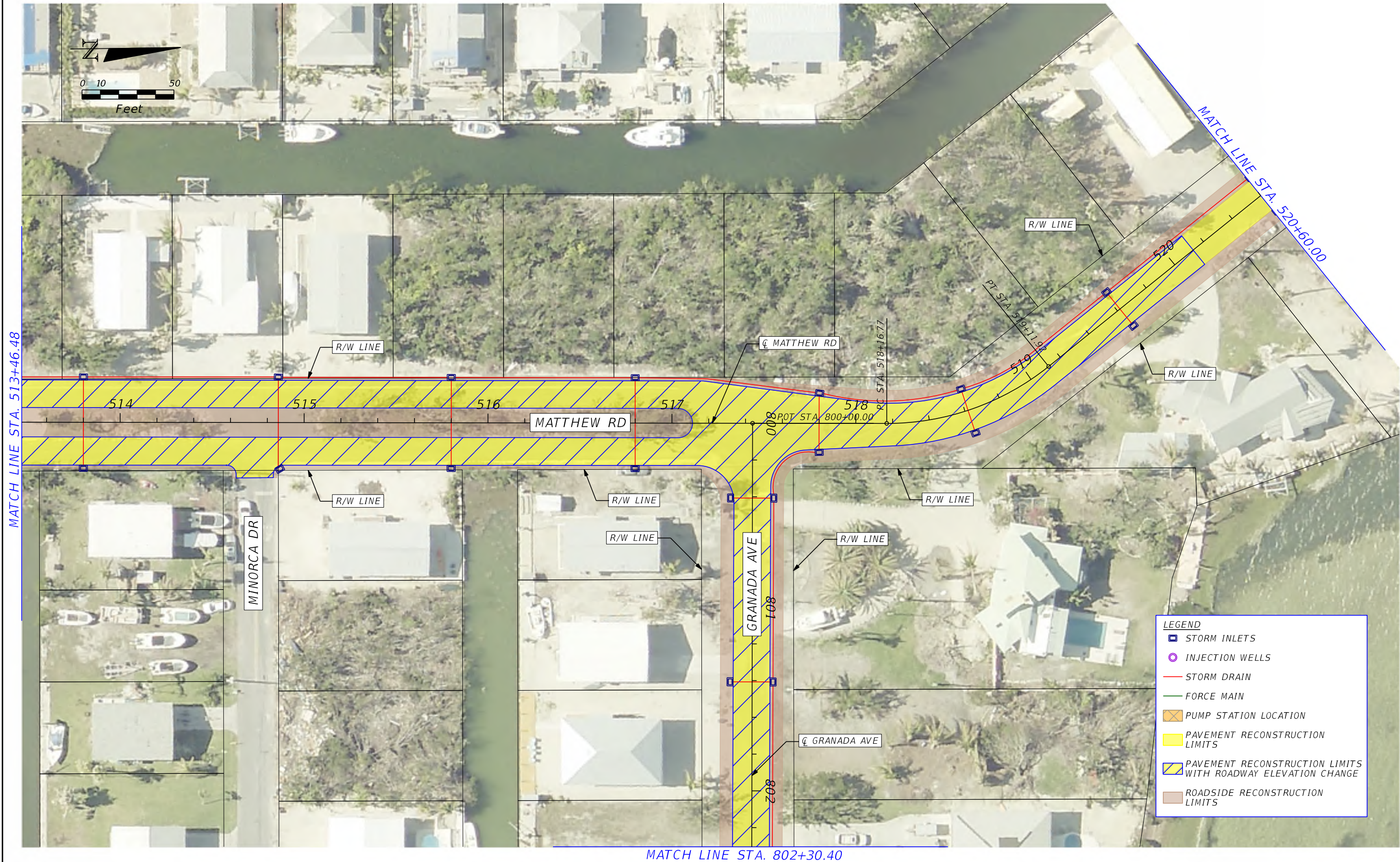
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MONROE COUNTY ROADWAY VULNERABILITY
ANALYSIS AND CAPITAL PLAN
DOCTOR'S ARM 1ST, 2ND, AND 3RD ADDITIONS /
JR MATTHEWS PROPERTIES / PUNTA BRISA

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14

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MONROE COUNTY ROADWAY VULNERABILITY
ANALYSIS AND CAPITAL PLAN
DOCTOR'S ARM 1ST, 2ND, AND 3RD ADDITIONS /
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16

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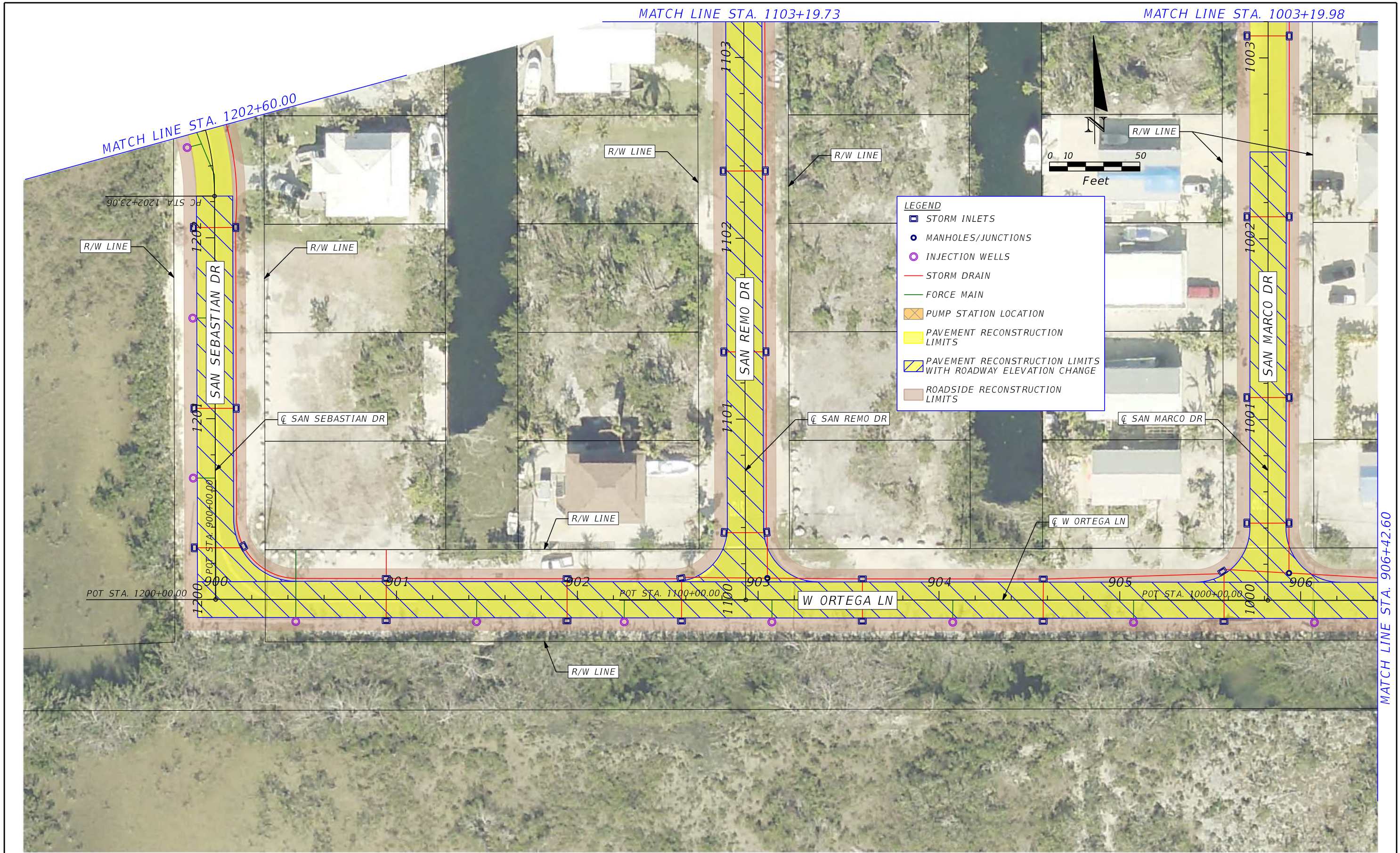


MONROE COUNTY ROADWAY VULNERABILITY
ANALYSIS AND CAPITAL PLAN
DOCTOR'S ARM 1ST, 2ND, AND 3RD ADDITIONS /
JR MATTHEWS PROPERTIES / PUNTA BRISA

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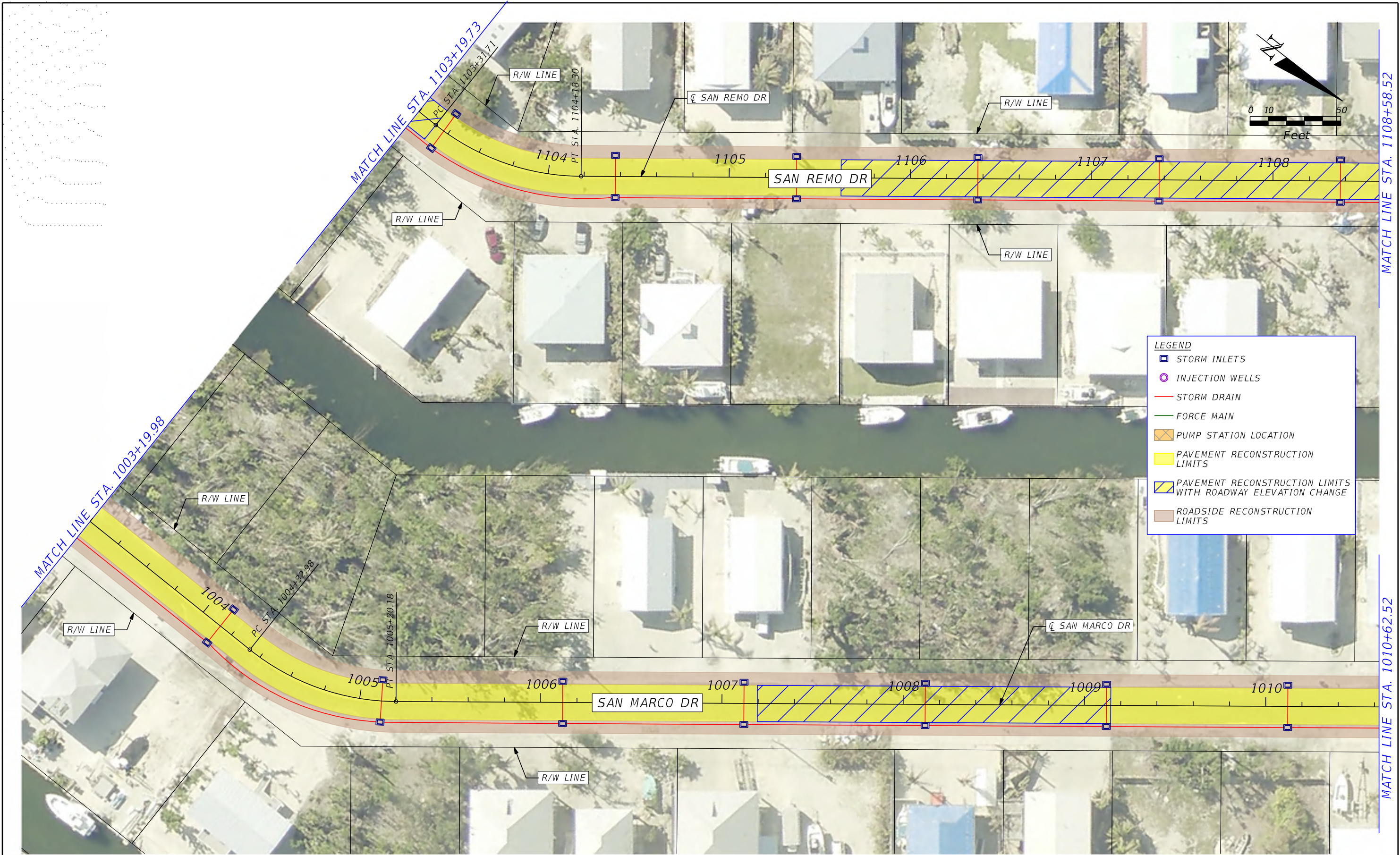


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ANALYSIS AND CAPITAL PLAN
DOCTOR'S ARM 1ST, 2ND, AND 3RD ADDITIONS /
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ANALYSIS AND CAPITAL PLAN
DOCTOR'S ARM 1ST, 2ND, AND 3RD ADDITIONS /
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SHEET
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DOCTOR'S ARM 1ST, 2ND, AND 3RD ADDITIONS /
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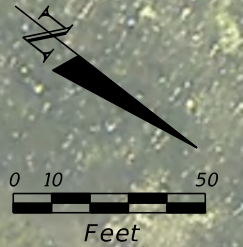
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20



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. 1209+71.28



LEGEND

- STORM INLETS
- INJECTION WELLS
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ANALYSIS AND CAPITAL PLAN
DOCTOR'S ARM 1ST, 2ND, AND 3RD ADDITIONS /
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