



Appendix A – Concept Plans



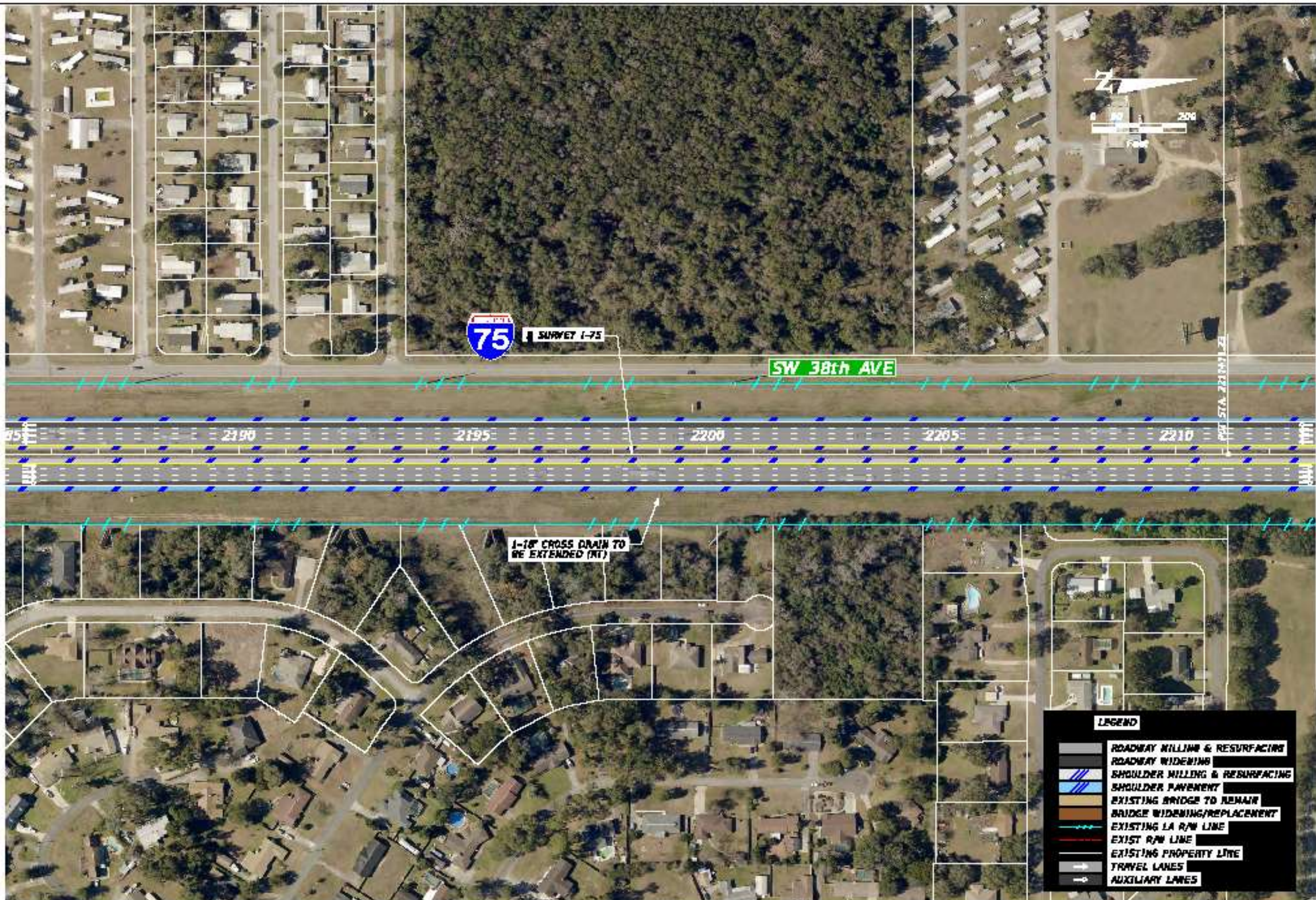
REVISIONS	
DATE	DESCRIPTION



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 93	MARTIN	443824-3-22-01

**I-75 PD&E STUDY
CONCEPT PLANS**

SHEET NO.
1



REVISIONS	
DATE	DESCRIPTION



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 93	MARTIN	443824-S-22-01

**I-75 PD&E STUDY
CONCEPT PLANS**

SHEET NO.
2



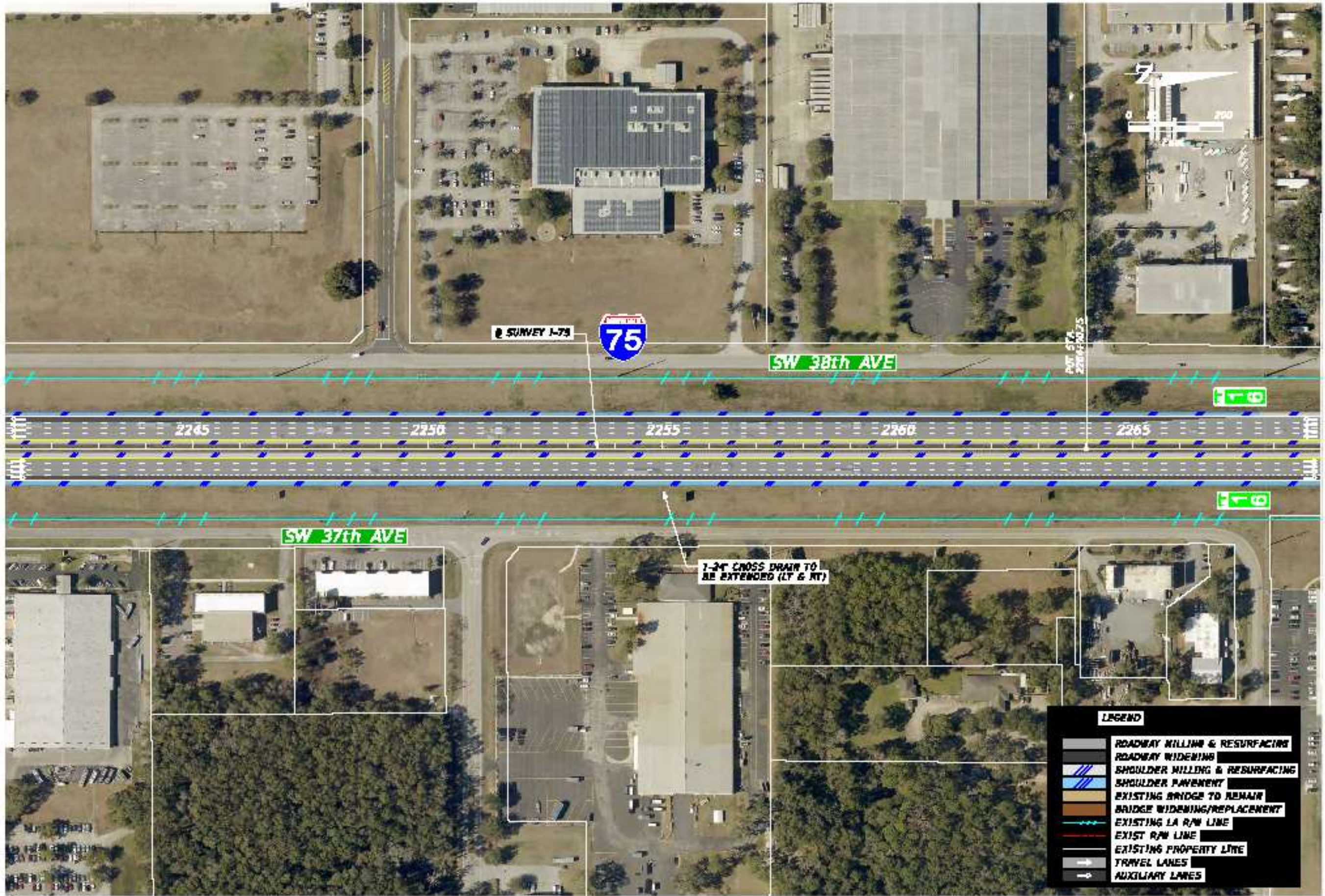
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.A. 93	MARTIN	443824-5-22-01

**I-75 PD&E STUDY
CONCEPT PLANS**

SHEET NO.
3



LEGEND	
	ROADWAY MILLING & RESURFACING
	ROADWAY WIDENING
	SHOULDER MILLING & RESURFACING
	SHOULDER PAVEMENT
	EXISTING BRIDGE TO REMAIN
	BRIDGE WIDENING/REPLACEMENT
	EXISTING LA R/W LINE
	EXIST R/W LINE
	EXISTING PROPERTY LINE
	TRAVEL LANES
	AUXILIARY LANES

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 93	MARTIN	443824-3-22-01

**I-75 PD&E STUDY
CONCEPT PLANS**

SHEET NO.
4



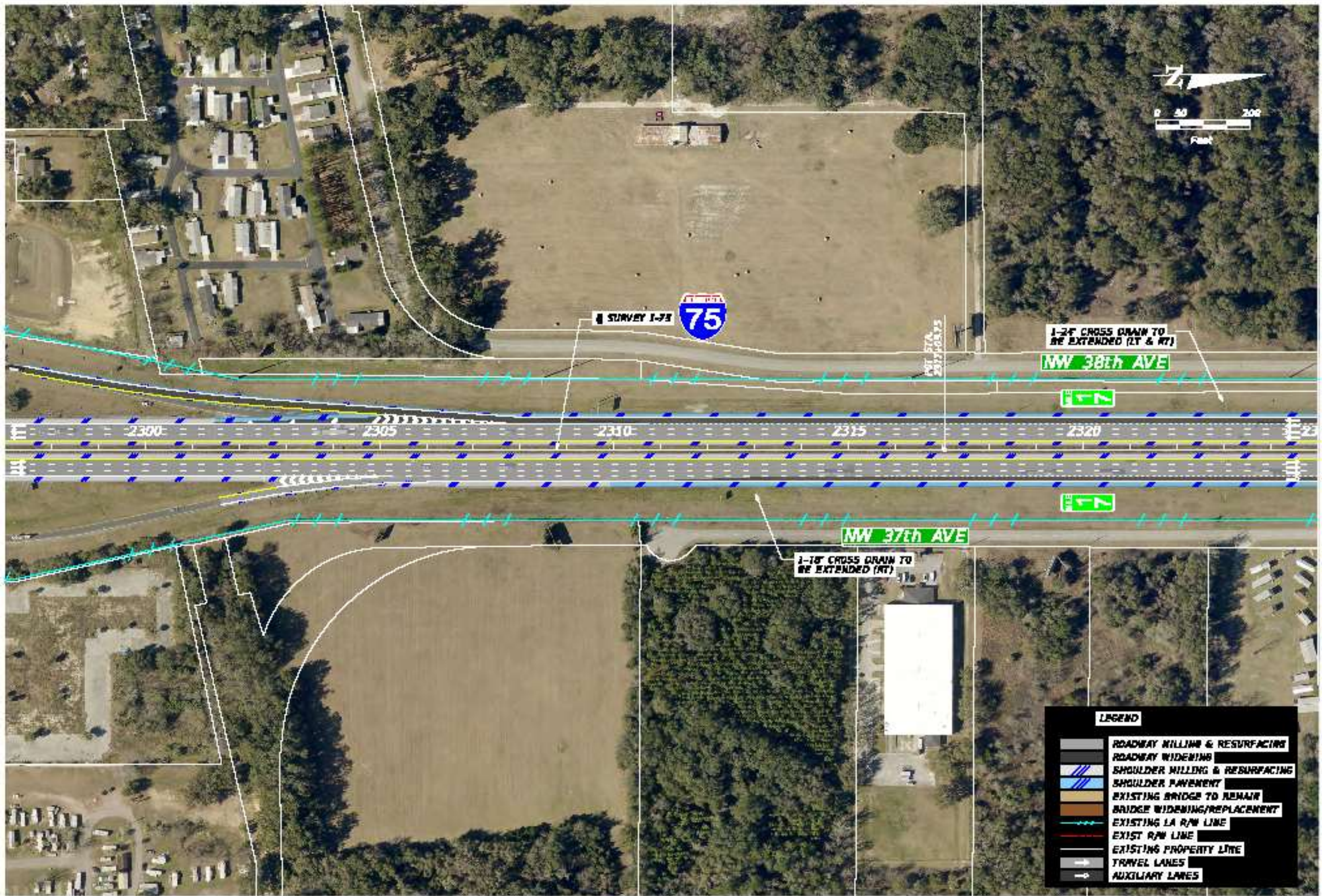
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 93	MARTIN	443824-3-22-01

**I-75 PD&E STUDY
CONCEPT PLANS**

SHEET NO.
5



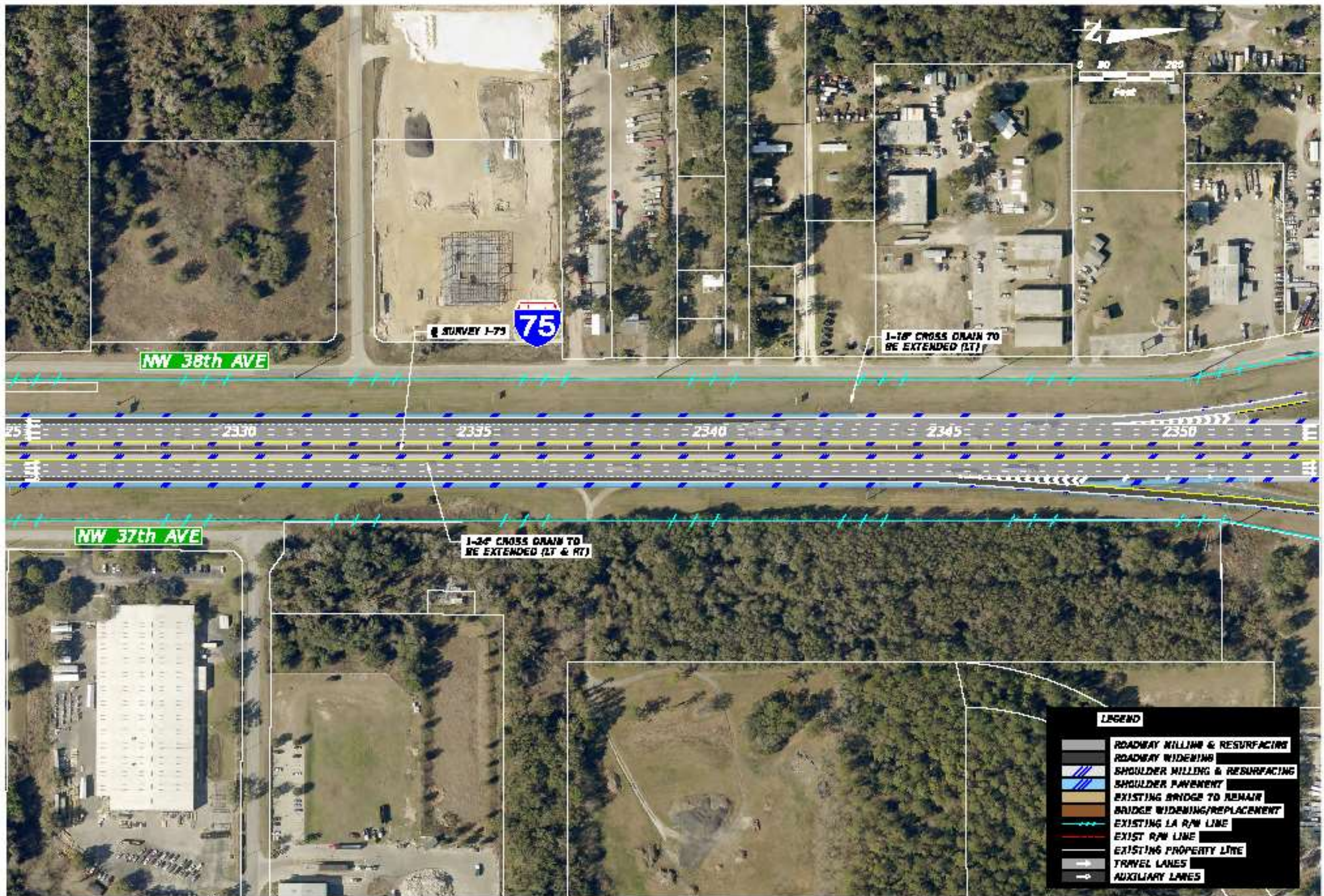
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 93	MARTIN	443824-3-22-01

**I-75 PD&E STUDY
CONCEPT PLANS**

SHEET NO.
6



LEGEND	
	ROADWAY MILLING & RESURFACING
	ROADWAY WIDENING
	SHOULDER MILLING & RESURFACING
	SHOULDER PAVEMENT
	EXISTING BRIDGE TO REMAIN
	BRIDGE WIDENING/REPLACEMENT
	EXISTING LA R/W LINE
	EXIST R/W LINE
	EXISTING PROPERTY LINE
	TRAVEL LANES
	AUXILIARY LANES

REVISIONS	
DATE	DESCRIPTION



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 93	MARTIN	443824-3-22-01

**I-75 PD&E STUDY
CONCEPT PLANS**

SHEET NO.
7



REVISIONS	
DATE	DESCRIPTION



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 93	MARTIN	443824-3-22-01

**I-75 PD&E STUDY
CONCEPT PLANS**

SHEET NO.
8



LEGEND	
	ROADWAY MILLING & RESURFACING
	ROADWAY WIDENING
	SHOULDER MILLING & RESURFACING
	SHOULDER PAVEMENT
	EXISTING BRIDGE TO REMAIN
	BRIDGE WIDENING/REPLACEMENT
	EXISTING LA R/W LINE
	EXIST R/W LINE
	EXISTING PROPERTY LINE
	TRAVEL LANES
	AUXILIARY LANES

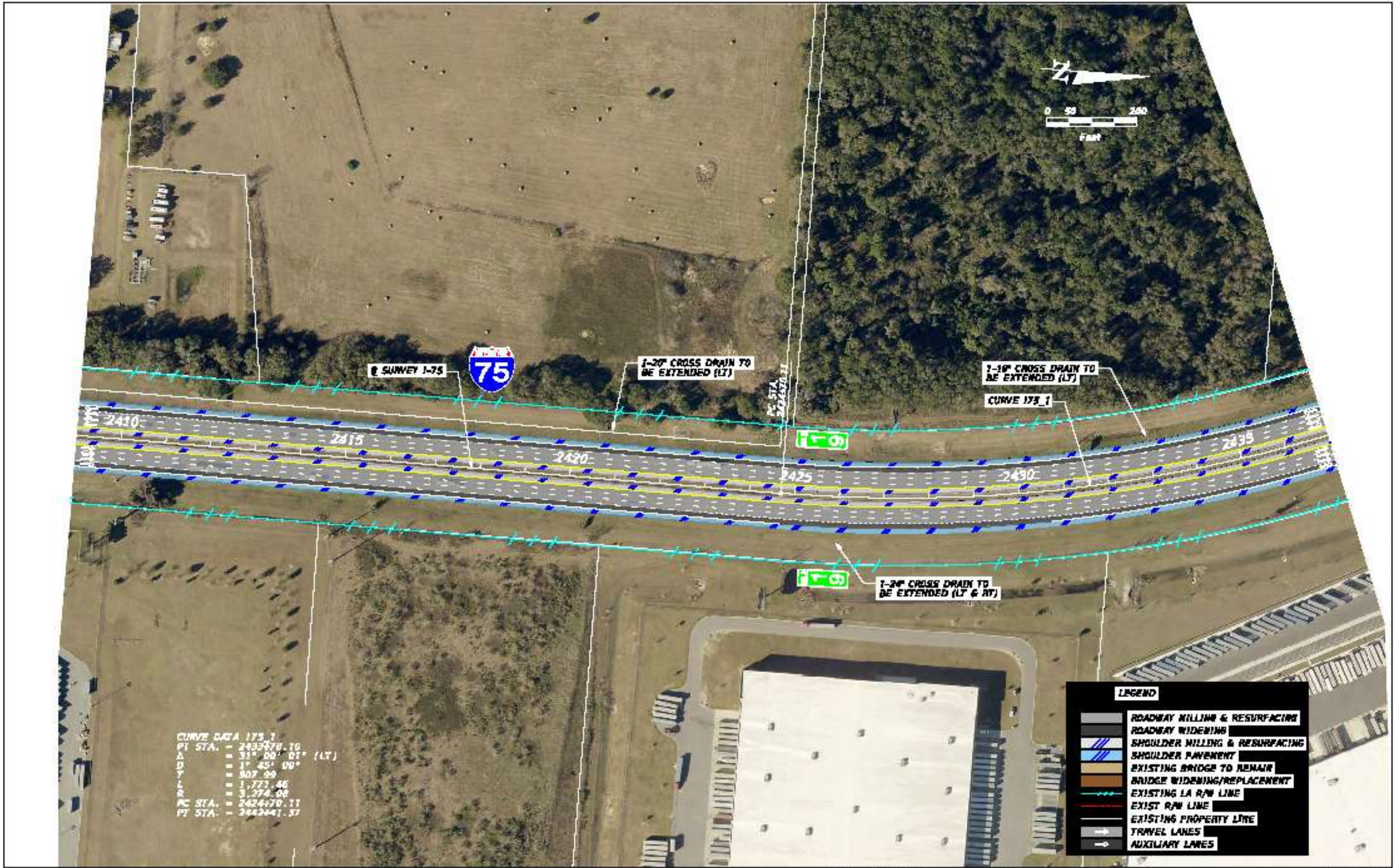
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 93	MARTIN	443824-3-22-01

**I-75 PD&E STUDY
CONCEPT PLANS**

SHEET NO.
9



CURVE DATA 175.1
 PI STA. = 243378.10
 Δ = 31° 00' 07" (LT)
 D = 1° 45' 00"
 T = 307.99
 L = 1,771.46
 R = 3,274.08
 PC STA. = 242470.11
 PT STA. = 244241.37

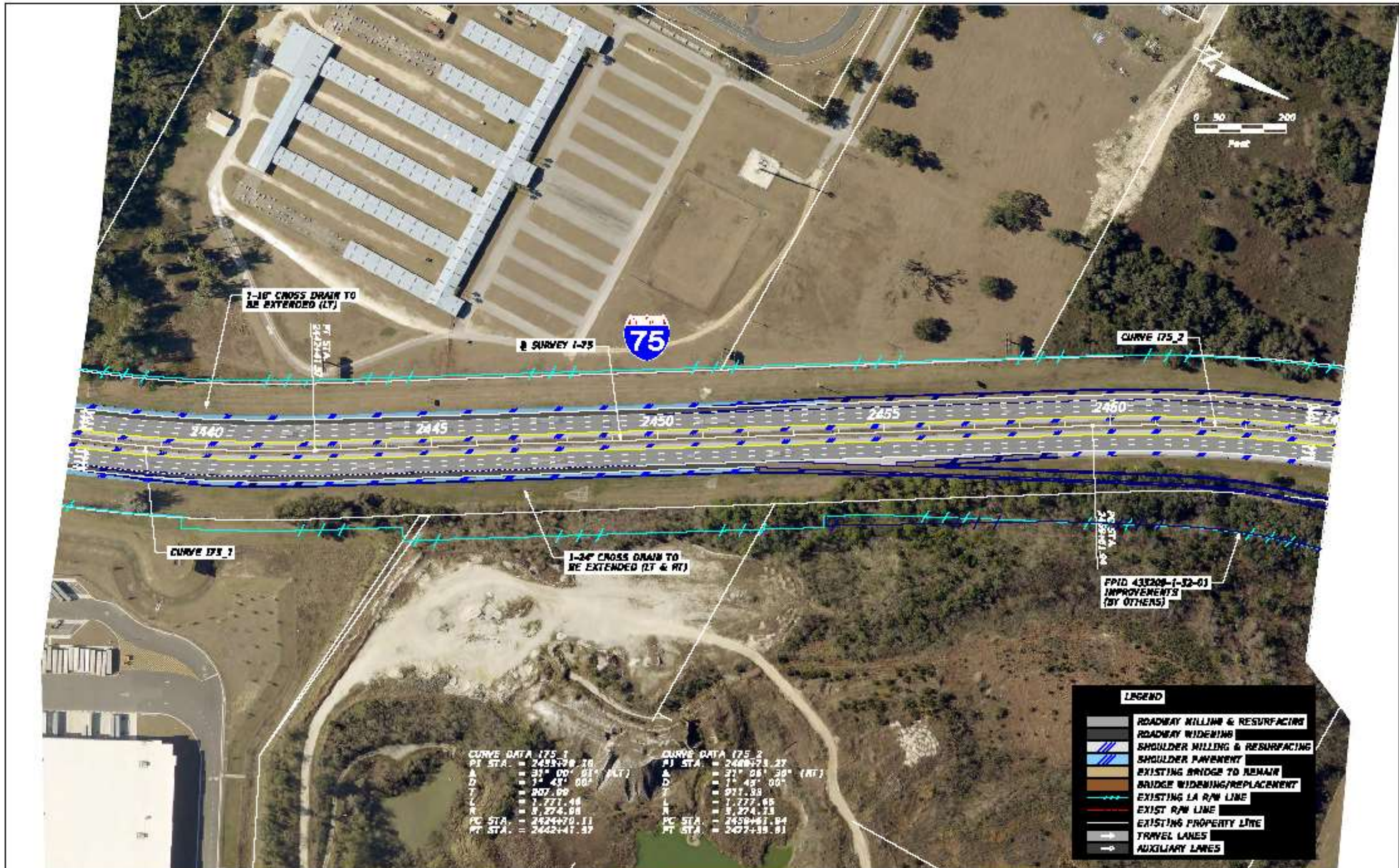
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 93	MARTIN	443824-S-22-01

**I-75 PD&E STUDY
CONCEPT PLANS**

SHEET NO.
10



CURVE DATA I75_1		CURVE DATA I75_2	
PI STA.	= 2439+70.20	PI STA.	= 2408+71.27
A	= 31° 00' 01" (LT)	A	= 21° 06' 30" (RT)
D	= 1° 45' 00"	D	= 1° 49' 00"
T	= 307.00	T	= 271.38
L	= 1,777.48	L	= 1,777.65
R	= 5,274.08	R	= 5,274.23
PC STA.	= 2424+70.11	PC STA.	= 2458+61.84
PT STA.	= 2442+41.37	PT STA.	= 2427+35.81

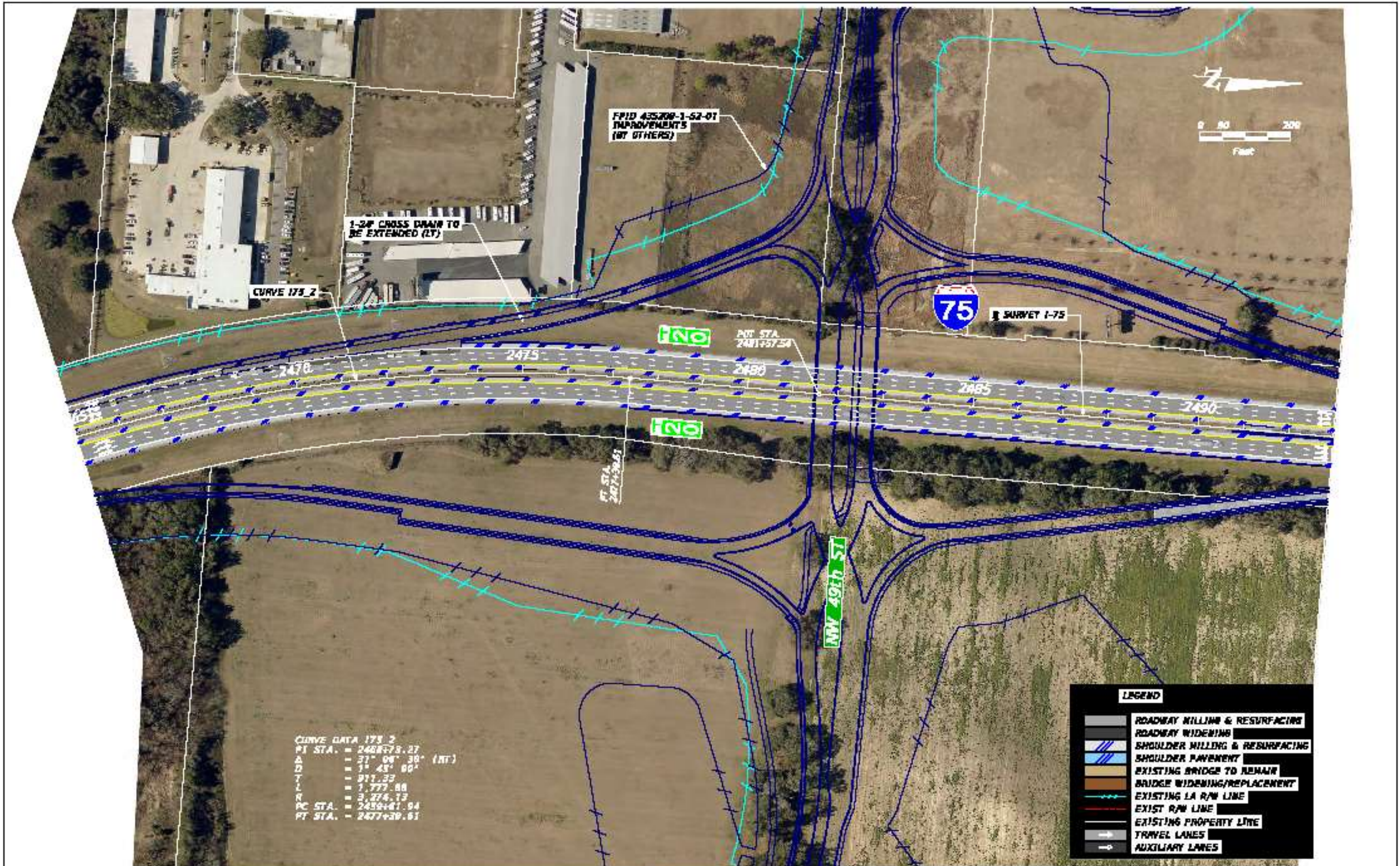
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 93	MARTIN	443824-3-22-01

**I-75 PD&E STUDY
CONCEPT PLANS**

SHEET NO.
11



CURVE DATA 173.2
 PI STA. = 2488+73.27
 Δ = 31° 04' 30" (RT)
 D = 1° 43' 00"
 T = 911.33
 L = 1,777.88
 R = 3,274.13
 PC STA. = 2459+41.94
 PT STA. = 2477+39.91

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 93	MARTIN	443824-3-22-01

**I-75 PD&E STUDY
CONCEPT PLANS**

SHEET NO.
12



LEGEND	
	ROADWAY MILLING & RESURFACING
	ROADWAY WIDENING
	SHOULDER MILLING & RESURFACING
	SHOULDER PAVEMENT
	EXISTING BRIDGE TO REMAIN
	BRIDGE WIDENING/REPLACEMENT
	EXISTING LA R/W LINE
	EXIST R/W LINE
	EXISTING PROPERTY LINE
	TRAVEL LANES
	AUXILIARY LANES

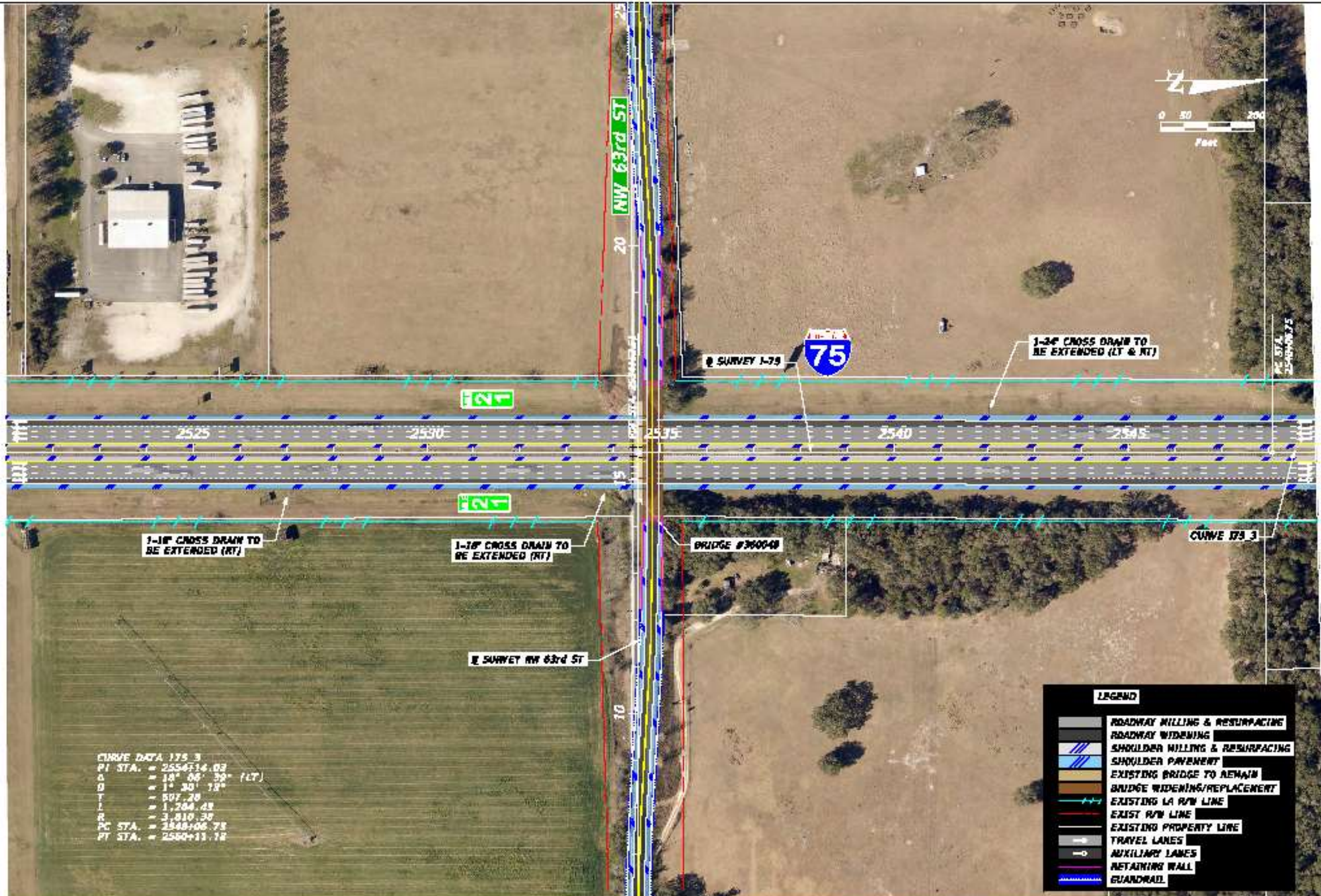
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 93	MARTIN	443824-3-22-01

**I-75 PD&E STUDY
CONCEPT PLANS**

SHEET NO.
13



CURVE DATA 175.3
 PI STA. = 2554+14.03
 Δ = 18° 06' 39" (LT)
 D = 1° 30' 19"
 T = 507.20
 L = 1,204.42
 R = 3,810.30
 PC STA. = 2548+06.75
 PT STA. = 2580+11.12

LEGEND	
	ROADWAY MILLING & RESURFACING
	ROADWAY WIDENING
	SHOULDER MILLING & RESURFACING
	SHOULDER PAVEMENT
	EXISTING BRIDGE TO REMAIN
	BRIDGE WIDENING/REPLACEMENT
	EXISTING LA R/W LINE
	EXIST R/W LINE
	EXISTING PROPERTY LINE
	TRAVEL LANES
	AUXILIARY LANES
	RETAINING WALL
	GUARDRAIL

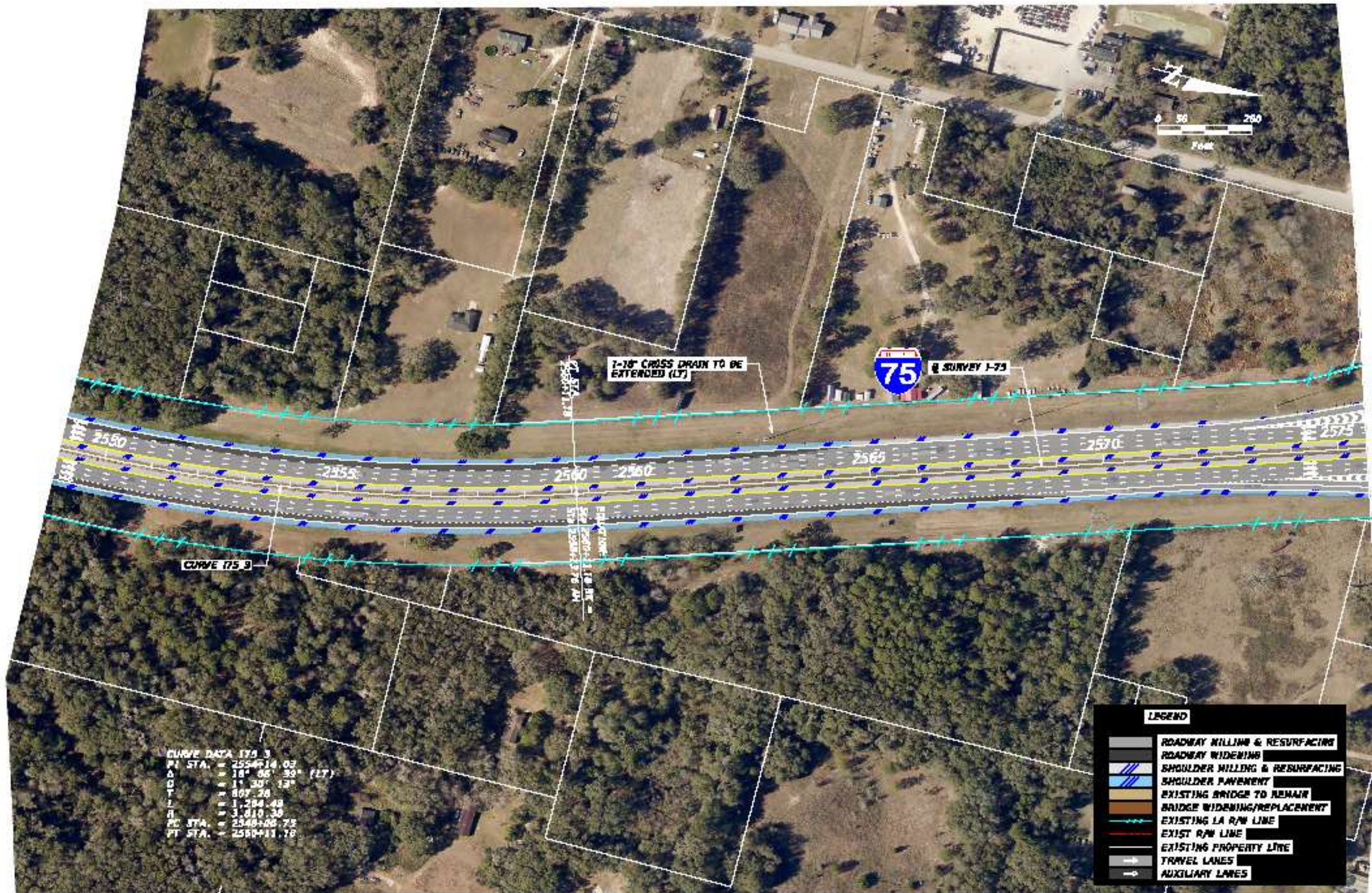
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 93	MARTIN	443824-3-22-01

**I-75 PD&E STUDY
CONCEPT PLANS**

SHEET NO.
14



CURVE DATA 175 3
 P1 STA. = 2554+14.03
 Δ = 18° 06' 39" (LT)
 D = 1' 30" 12"
 T = 807.28
 L = 1,284.48
 R = 3,810.38
 PC STA. = 2548+00.73
 PT STA. = 2559+11.78

LEGEND	
	ROADWAY MILLING & RESURFACING
	ROADWAY WIDENING
	SHOULDER MILLING & RESURFACING
	SHOULDER PAVEMENT
	EXISTING BRIDGE TO REMAIN
	BRIDGE WIDENING/REPLACEMENT
	EXISTING LA R/W LINE
	EXIST R/W LINE
	EXISTING PROPERTY LINE
	TRAVEL LANES
	AUXILIARY LANES

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 93	MARTIN	443824-3-22-01

**I-75 PD&E STUDY
CONCEPT PLANS**

SHEET NO.
15



1-18" CROSS DRAIN TO BE EXTENDED (R7)

END CONCEPT I-75 PD&E STUDY

LEGEND	
[Symbol]	ROADWAY MILLING & RESURFACING
[Symbol]	ROADWAY WIDENING
[Symbol]	SHOULDER MILLING & RESURFACING
[Symbol]	SHOULDER PAVEMENT
[Symbol]	EXISTING BRIDGE TO REMAIN
[Symbol]	BRIDGE WIDENING/REPLACEMENT
[Symbol]	EXISTING CONCRETE
[Symbol]	EXISTING LA R/W LINE
[Symbol]	EXIST R/W LINE
[Symbol]	EXISTING PROPERTY LINE
[Symbol]	TRAVEL LANES
[Symbol]	AUXILIARY LANES

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



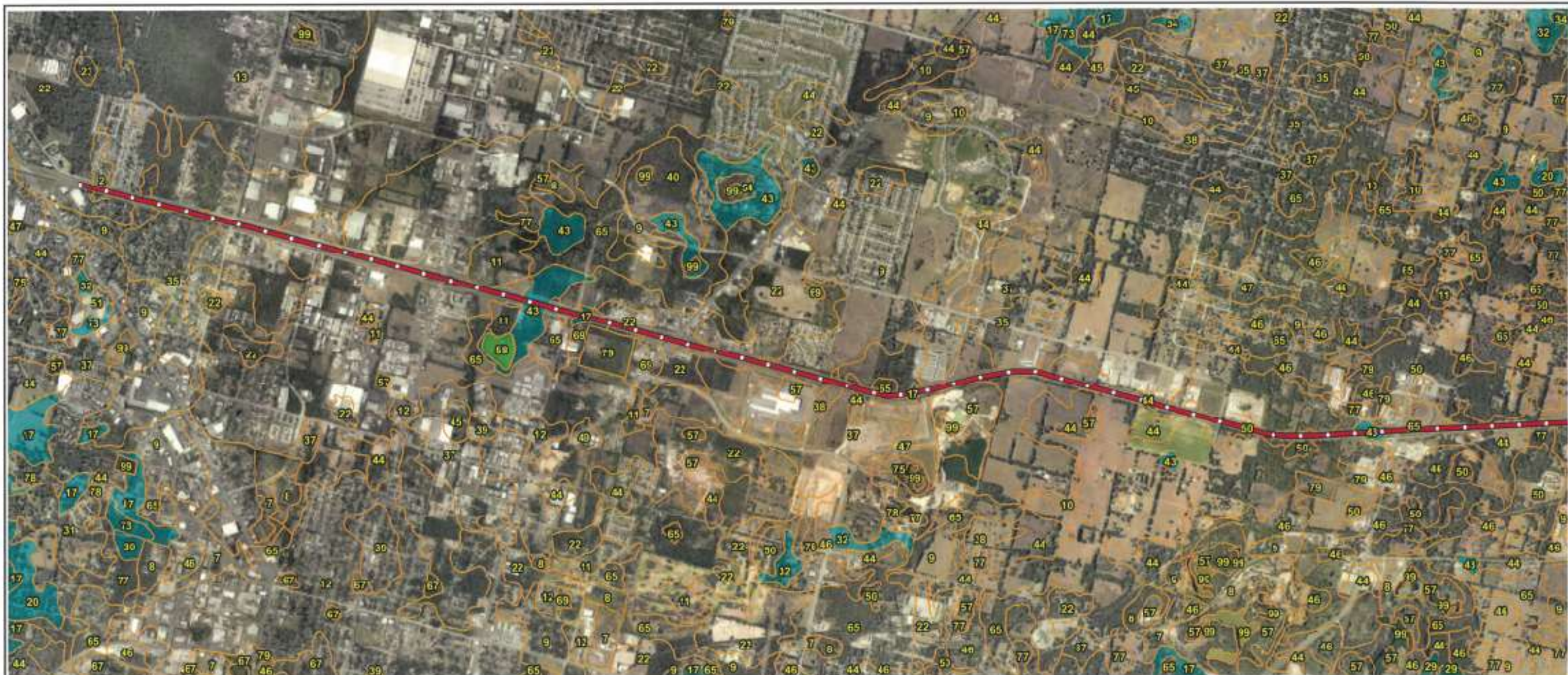
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
S.R. 93	MARTIN	443824-3-22-01

**I-75 PD&E STUDY
CONCEPT PLANS**

SHEET NO.
16



Appendix B – Soil Maps



Marion County

MARION COUNTY NRCS SOIL UNITS INDEX

- 2 - Ardenville sand, 3 to 5 percent slopes
- 5 - Arredondo sand, 4 to 5 percent slopes
- 16 - Blichton sand, 0 to 2 percent slopes
- 17 - Blichton sand, 2 to 5 percent slopes
- 20 - Boardman loamy sand, 5 to 8 percent slopes
- 21 - Boardman loamy sand, 8 to 12 percent slopes
- 22 - Candler sand, 0 to 5 percent slopes
- 26 - Electra sand, 0 to 5 percent slopes
- 28 - Fellowship loamy sand, 2 to 5 percent slopes
- 30 - Fellowship loamy sand, 5 to 8 percent slopes
- 32 - Fellowship gravelly loamy sand, gravelly subsoil variant, 1 to 8 percent slopes
- 34 - Flemington loamy sand, 2 to 5 percent slopes
- 35 - Gainesville loamy sand, 5 to 8 percent slopes
- 37 - Hague sand, 2 to 5 percent slopes

- 38 - Hague sand, 5 to 8 percent slopes
- 43 - Kanapaha-Kanapaha, wet, fine sand, 0 to 5 percent slopes
- 44 - Kendrick fine sand, 0 to 5 percent slopes
- 45 - Kendrick fine sand, 5 to 8 percent slopes
- 46 - Lochloosa fine sand, 0 to 5 percent slopes
- 50 - Micantopy fine sand, 2 to 5 percent slopes
- 58 - Pineda sand, depressional
- 65 - Sparr fine sand, 0 to 5 percent slopes
- 69 - Tavares sand, 0 to 5 percent slopes
- 73 - Wacahoota loamy sand, 5 to 8 percent slopes
- 74 - Wacahoota gravelly sand, gravelly subsoil variant, 2 to 5 percent slopes
- 77 - Zuber loamy sand, 2 to 5 percent slopes
- 78 - Zuber loamy sand, 5 to 8 percent slopes

ALACHUA COUNTY NRCS SOIL UNITS INDEX

- 8 - Millhopper sand, 0 to 5 percent slopes
- 18 - Wauchula-Urban Land Complex
- 20 - Tavares sand, 0 to 5 percent slopes
- 25 - Pomona sand, depressional
- 28 - Chipley sand
- 48 - Myakka-Myakka, wet sands, 0 to 2 percent slopes
- 62 - Boardman loamy sand, 5 to 8 percent slopes
- 67 - Wacahoota loamy sand, 5 to 8 percent slopes
- 74 - Blichton sand, 2 to 5 percent slopes

SHALLOW GROUNDWATER

SHALLOW GROUNDWATER WITH ORGANIC MATERIAL

FIGURE 2A



GARY L. KUHY, P.E.
P.E. LICENSE NUMBER 38104
GEOTECHNICAL AND ENVIRONMENTAL
CONSULTANTS, INC.
919 LAKE BALDWIN LANE
ORLANDO, FL 32814

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTIES	FINANCIAL PROJECT ID
I-75	MARION ALACHUA	443624-1-22-01

NRCS SOIL SURVEY MAP

SHEET NO.

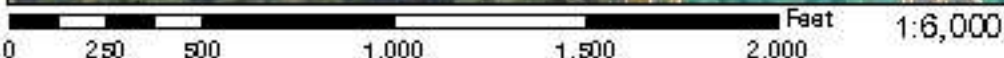


Appendix C – Floodplain Maps

National Flood Hazard Layer FIRMette



32°11'53" W 29°16'17" N



Basemap Imagery Source: USGS National Map 2023

Legend

SEE PG. REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, X, APF</i>
		With BFE or Depth <i>Zone A, C, D, AO, AO, VC, AP</i>
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% Annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone V</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone V</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone V</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS		Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Roadwall
		20.2 Cross Sections with 1% Annual Chance
MAP PANELS		Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived from the authoritative NFHL web services provided by FEMA. This map was exported on 7/11/2023 at 10:51 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

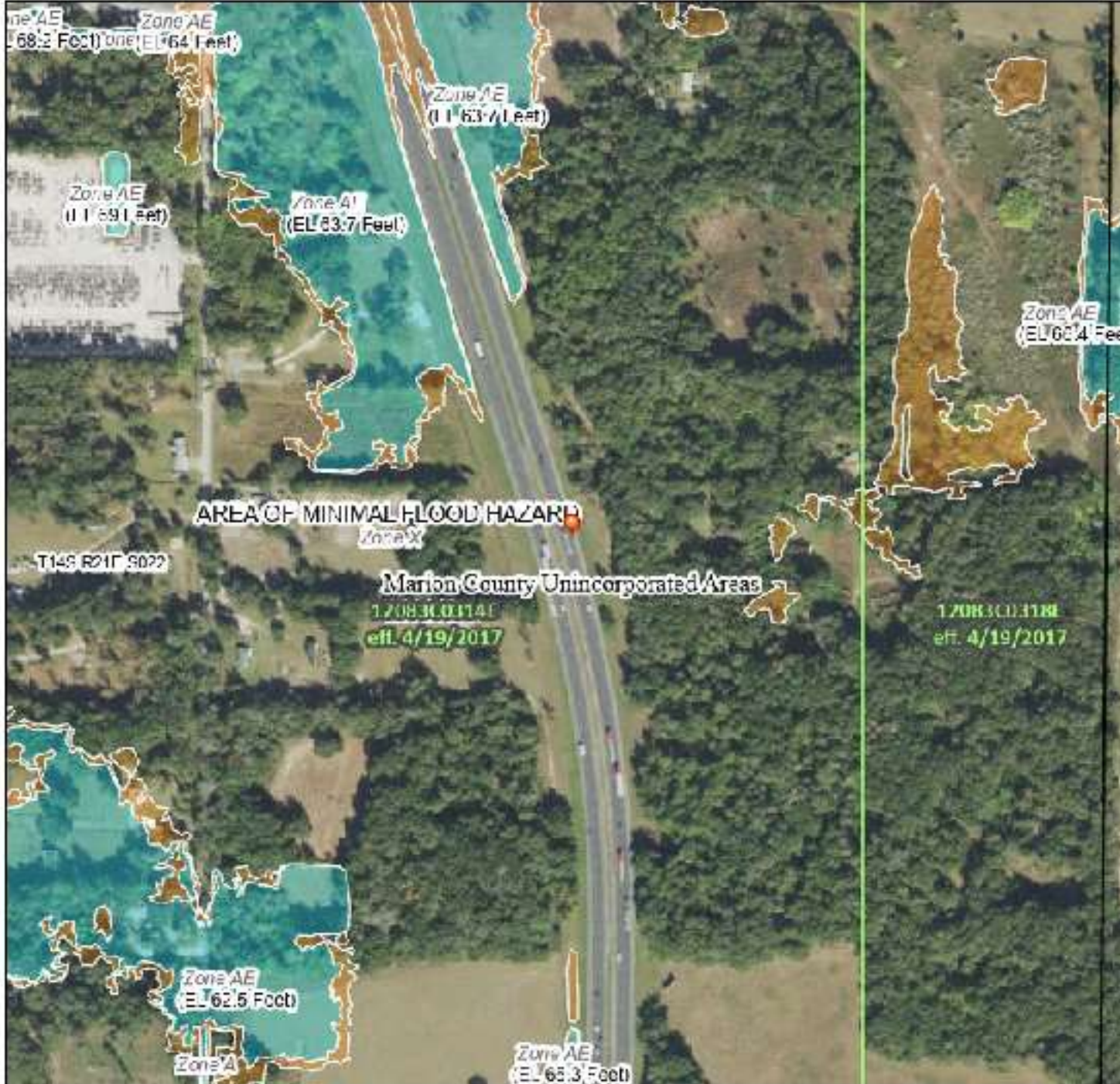
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



National Flood Hazard Layer FIRMette



32°11'43" N 79°15'47" W



Legend

SEE PG. REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, XZ</i>
		With BFE or Depth <i>Zone A, C, D, M, V, X, Ar</i>
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone V</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone V</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone V</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS		Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOWRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Roadwall
		20.2 Cross Sections with 1% Annual Chance
		47.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/11/2023 at 11:09 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

0 250 500 1,000 1,500 2,000 Feet 1:6,000

National Flood Hazard Layer FIRMette



32°11'42" N 20°15'37" W



Legend

SEE PG. REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, XZ
		With BFE or Depth Zone A, C, D, E, V, X, XZ
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone Y
		Future Conditions 1% Annual Chance Flood Hazard Zone Y
		Area with Reduced Flood Risk due to Levee. See Notes. Zone Y
		Area with Flood Risk due to Levee Zone D
		NO SHOW: Area of Minimal Flood Hazard Zone Y
OTHER AREAS		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Roadwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		Water Surface Elevation
		Coastal Transact
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transact Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/11/2023 at 11:40 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



Basemap Imagery Source: USGS National Map 2023

National Flood Hazard Layer FIRMette



32°11'43" W 29°15'3" N



Legend

SEE PG. REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS	Without Base Flood Elevation (BFE) Zone A, X, Z99	With BFE or Depth Zone A, C, D, M, V, X, Y
	Regulatory Floodway	

OTHER AREAS OF FLOOD HAZARD	0.2% Annual Chance Flood Hazard, Areas of 1% Annual Chance Flood with average depth less than one foot or with drainage areas of less than one square mile Zone Y
	Future Conditions 1% Annual Chance Flood Hazard Zone Y
	Area with Reduced Flood Risk due to Levee. See Notes. Zone Y
	Area with Flood Risk due to Levee Zone D

OTHER AREAS	NO SHOW: Area of Minimal Flood Hazard Zone Y
	Effective LOMRs
	Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES	Channel, Culvert, or Storm Sewer
	Levee, Dike, or Roadwall

OTHER FEATURES	20.2 Cross Sections with 1% Annual Chance
	Water Surface Elevation
	Coastal Transect
	Base Flood Elevation Line (BFE)
	Limit of Study
	Jurisdiction Boundary
	Coastal Transect Baseline
	Profile Baseline
	Hydrographic Feature

MAP PANELS	Digital Data Available
	No Digital Data Available
	Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/11/2023 at 11:34 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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National Flood Hazard Layer FIRMette



32°11'42" N 79°14'33" W



1:6,000 32°11'5" N 79°14'2" W

Basemap Imagery Source: USGS National Map 2023

Legend

SEE PG. REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, X, Y
		With BFE or Depth Zone A, C, D, E, X, Y, Ar
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% Annual Chance Flood with average depth less than one foot or with drainage areas of less than one square mile Zone Y
		Future Conditions 1% Annual Chance Flood Hazard Zone Y
		Area with Reduced Flood Risk due to Levee. See Notes. Zone Y
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		Area of Minimal Flood Hazard Zone Y
		Effective LOMRs
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Roadwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		47.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/11/2023 at 11:38 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

National Flood Hazard Layer FIRMette



82°11'34"W 29°14'46"N



Legend

SEE PG. REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, X2
		With BFE or Depth Zone A, C, D, M, V, X, Y
		Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% Annual Chance Flood with average depth less than one foot or with drainage areas of less than one square mile Zone Y
		Future Conditions 1% Annual Chance Flood Hazard Zone Y
		Area with Reduced Flood Risk due to Levee. See Notes. Zone Y
		Area with Flood Risk due to Levee Zone D

OTHER AREAS		NO SOURCE: Area of Minimal Flood Hazard Zone Y
		Effective LOWRs

GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Roadwall

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		4.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Profile Baseline
OTHER FEATURES		Hydrographic Feature

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived from the authoritative NFHL web services provided by FEMA. This map was exported on 7/11/2023 at 11:42 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

National Flood Hazard Layer FIRMette



82°11'23" W 29°13'44" N



Legend

SEE PG. REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS	Without Base Flood Elevation (BFE) Zone A, V, X, Y	With BFE or Depth Zone A, C, D, M, V, X, Y	Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD	0.2% Annual Chance Flood Hazard, Areas of 1% Annual Chance Flood with average depth less than one foot or with drainage areas of less than one square mile Zone Y	Future Conditions 1% Annual Chance Flood Hazard Zone Y	Area with Reduced Flood Risk due to Levee. See Notes. Zone Y	Area with Flood Risk due to Levee Zone D

OTHER AREAS	Area of Minimal Flood Hazard Zone Y	Effective LOMRs	Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES	Channel, Culvert, or Storm Sewer	Levee, Dike, or Roadwall

OTHER FEATURES	20.2 Cross Sections with 1% Annual Chance	4.5 Water Surface Elevation	Coastal Transect	Base Flood Elevation Line (BFE)	Limit of Study	Jurisdiction Boundary	Coastal Transect Baseline	Profile Baseline	Hydrographic Feature

MAP PANELS	Digital Data Available	No Digital Data Available	Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/11/2023 at 11:43 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



Basemap Imagery Source: USGS National Map 2023

National Flood Hazard Layer FIRMette



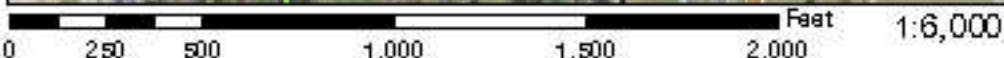
82°11'22"W 29°12'25"N



Legend

SEE PG. REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, X, Z
		With BFE or Depth Zone A, C, D, M, V, X, Z
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone Y
		Future Conditions 1% Annual Chance Flood Hazard Zone Y
		Area with Reduced Flood Risk due to Levee. See Notes. Zone Y
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		Area of Minimal Flood Hazard Zone Y
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Roadwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



Basemap Imagery Source: USGS National Map 2023

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap complies with FEMA's basemap accuracy standards.

The flood hazard information is derived from the authoritative NFHL web services provided by FEMA. This map was exported on 7/11/2023 at 11:58 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

National Flood Hazard Layer FIRMette



82°11'23"W 29°12'56"N



Legend

SEE PG. REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

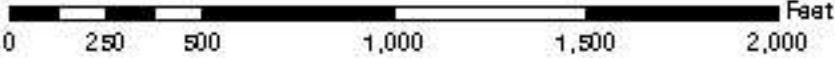
SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, XZP
		With BFE or Depth Zone A, C, D, E, V, X, ZP
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone V
		Future Conditions 1% Annual Chance Flood Hazard Zone V
		Area with Reduced Flood Risk due to Levee. See Notes. Zone V
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		Area of Minimal Flood Hazard Zone V
		Effective LOWRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Roadwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		47.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/12/2023 at 12:03 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmapped areas cannot be used for regulatory purposes.

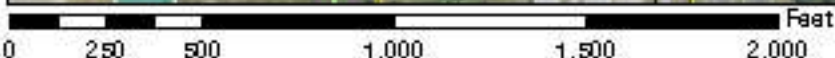


1:6,000 82°11'23"W 29°12'56"N

National Flood Hazard Layer FIRMette



32°11'23" N 29°12'38" W



1:6,000
32°11'23" N 29°12'38" W

Basemap Imagery Source: USGS National Map 2023

Legend

SEE PG. REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, X, Z</i>
		With BFE or Depth <i>Zone A, C, D, M, V, X, Z</i>
		Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% Annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone V</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone V</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone V</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
		Area of Minimal Flood Hazard <i>Zone V</i>

OTHER AREAS		Effective LOMRs
		Area of Undetermined Flood Hazard <i>Zone D</i>

GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Roadwall

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		47.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Profile Baseline
	Hydrographic Feature	

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

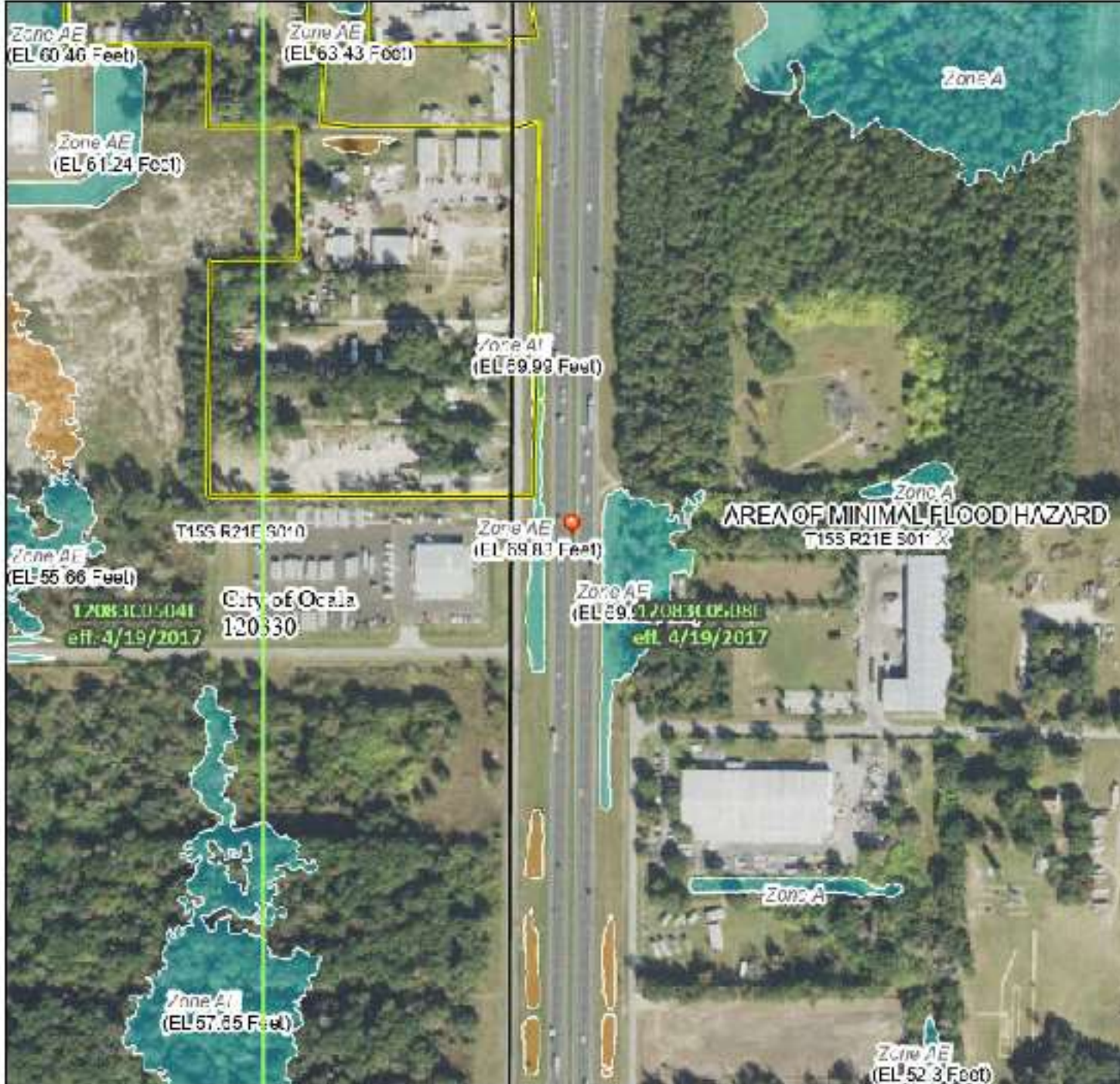
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/12/2023 at 12:04 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmapped areas cannot be used for regulatory purposes.

National Flood Hazard Layer FIRMette



32°11'24"W 29°12'11"N



Legend

SEE PG. REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, X, APF
		With BFE or Depth Zone A, C, AO, AO, VC, Ar
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone V
		Future Conditions 1% Annual Chance Flood Hazard Zone V
		Area with Reduced Flood Risk due to Levee. See Notes. Zone V
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		Area of Minimal Flood Hazard Zone V
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Roadwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		4.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

0 250 500 1,000 1,500 2,000 Feet 1:6,000

Basemap Imagery Source: USGS National Map 2023

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/12/2023 at 12:09 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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National Flood Hazard Layer FIRMette



32°11'24"W 29°11'47"N



Legend

SEE PG. REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, X, APF
		With BFE or Depth Zone A, C, D, AE, X, APF
		Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D

OTHER AREAS		Area of Minimal Flood Hazard Zone X
		Effective LOMRs

GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Roadwall

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		47.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
OTHER FEATURES		Profile Baseline
		Hydrographic Feature

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived from the authoritative NFHL web services provided by FEMA. This map was exported on 7/12/2023 at 12:12 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

0 250 500 1,000 1,500 2,000 Feet 1:6,000 32°11'24"W 29°11'47"N

Basemap Imagery Source: USGS National Map 2023

National Flood Hazard Layer FIRMette



82°11'24"W 29°11'25"N



Legend

SEE PG. REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, X, APF
		With BFE or Depth Zone A, C, D, M, V, X, APF
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
		Future Conditions 1% Annual Chance Flood Hazard
		Area with Reduced Flood Risk due to Levee. See Notes.
		Area with Flood Risk due to Levee
OTHER AREAS		Area of Minimal Flood Hazard
		Effective LOWRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Roadwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		47.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived from the authoritative NFHL web services provided by FEMA. This map was exported on 7/12/2023 at 12:15 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

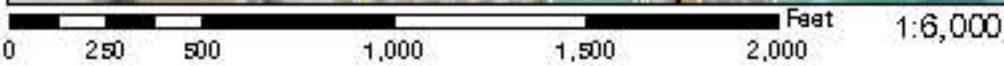
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

0 250 500 1,000 1,500 2,000 Feet 1:6,000

National Flood Hazard Layer FIRMette



82°11'24"W 29°11'14"N



Basemap Imagery Source: USGS National Map 2023

Legend

SEE PG. REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, X, Y</i>
		With BFE or Depth <i>Zone A, C, D, M, V, X, Y</i>
		Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone Y</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone Y</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone Y</i>
		Area with Flood Risk due to Levee <i>Zone D</i>

OTHER AREAS		Area of Minimal Flood Hazard <i>Zone Y</i>
		Effective LOMRs

GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Roadwall

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		4.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Profile Baseline
		Hydrographic Feature

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point created by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived from the authoritative NFHL web services provided by FEMA. This map was exported on 7/12/2023 at 12:17 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

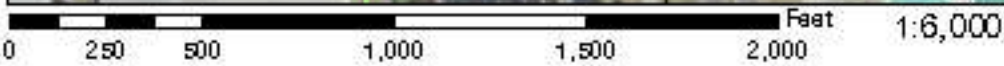
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



National Flood Hazard Layer FIRMette



32°11'24"W 29°10'41"N



Legend

SEE PG. REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, XZP</i>
		With BFE or Depth <i>Zone A, C, XZ, M, V, C, Ar</i>
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone Y</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone Y</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone Y</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS		NO SHOW: Area of Minimal Flood Hazard <i>Zone Y</i>
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Roadwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		47.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Profile Baseline
		Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/12/2023 at 12:27 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

National Flood Hazard Layer FIRMette



32°11'25" N 79°10'15" W



Basemap Imagery Source: USGS National Map 2023

Legend

SEE PG. REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, X, Z
		With BFE or Depth Zone A, C, D, M, V, X, Z
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone Y
		Future Conditions 1% Annual Chance Flood Hazard Zone Y
		Area with Reduced Flood Risk due to Levee. See Notes. Zone Y
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SHOW: Area of Minimal Flood Hazard Zone Y
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Roadwall
		20.2 Cross Sections with 1% Annual Chance
		47.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived from the authoritative NFHL web services provided by FEMA. This map was exported on 7/12/2023 at 12:39 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

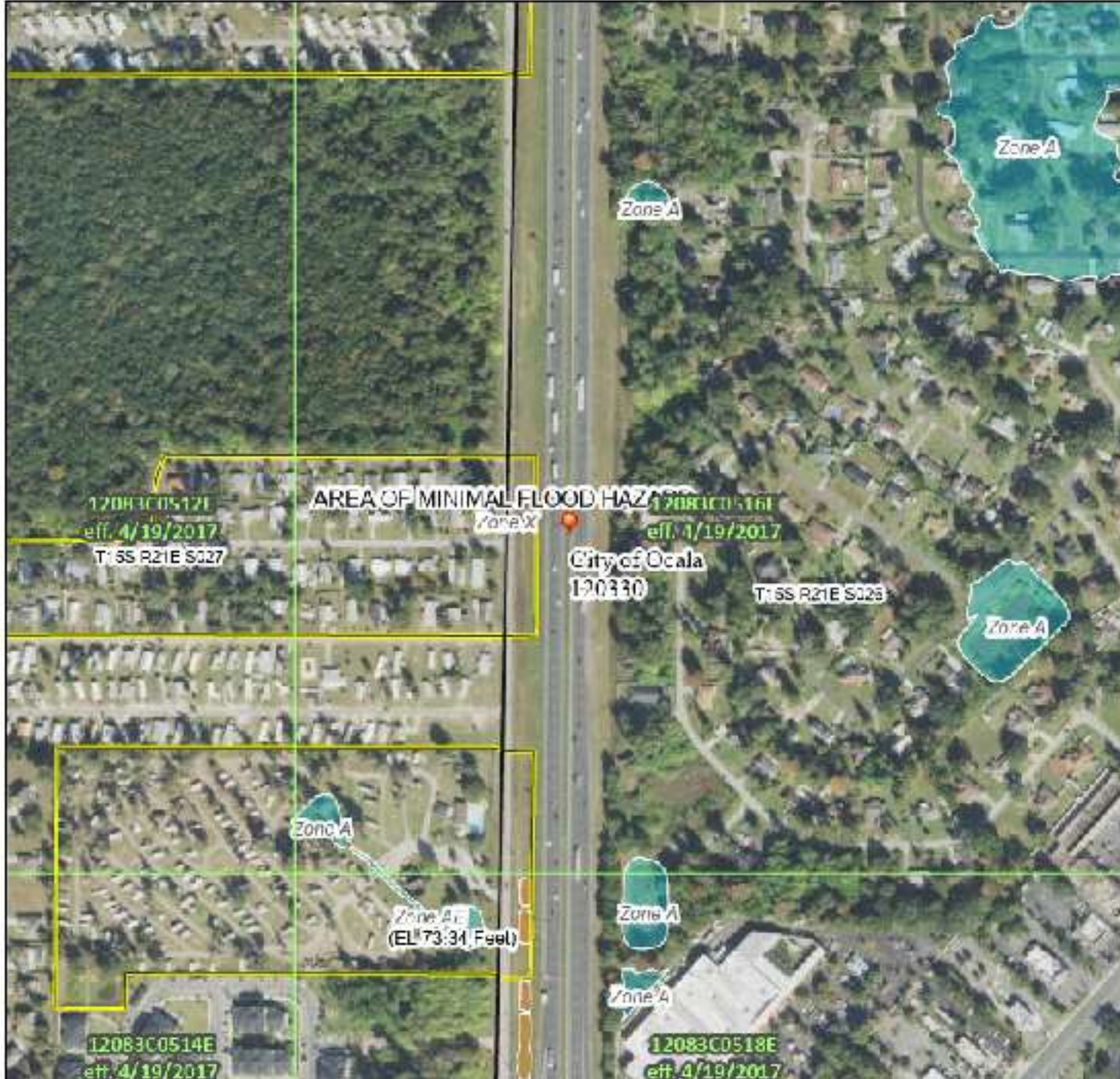
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



National Flood Hazard Layer FIRMette



32°11'25" N 79°46'17" W



Legend

SEE PG. REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- | | | |
|-----------------------------|--|---|
| SPECIAL FLOOD HAZARD AREAS | | Without Base Flood Elevation (BFE)
Zone A, V, X, Z |
| | | With BFE or Depth Zone A, C, D, E, M, V, X, Z |
| | | Regulatory Floodway |
| OTHER AREAS OF FLOOD HAZARD | | 0.2% Annual Chance Flood Hazard, Areas of 1% Annual Chance Flood with average depth less than one foot or with drainage areas of less than one square mile Zone Y |
| | | Future Conditions 1% Annual Chance Flood Hazard Zone Y |
| | | Area with Reduced Flood Risk due to Levee. See Notes. Zone Y |
| | | Area with Flood Risk due to Levee Zone D |
| OTHER AREAS | | Area of Minimal Flood Hazard Zone Y |
| | | Effective LOMRs |
| GENERAL STRUCTURES | | Area of Undetermined Flood Hazard Zone D |
| | | Channel, Culvert, or Storm Sewer |
| | | Levee, Dike, or Roadwall |
| OTHER FEATURES | | 20.2 Cross Sections with 1% Annual Chance |
| | | 47.5 Water Surface Elevation |
| | | Coastal Transact |
| | | Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| | | Jurisdiction Boundary |
| | | Profile Baseline |
| MAP PANELS | | Digital Data Available |
| | | No Digital Data Available |
| | | Unmapped |
| | | The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location. |



This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived from the authoritative NFHL web services provided by FEMA. This map was exported on 7/12/2023 at 12:41 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

0 250 500 1,000 1,500 2,000 Feet 1:6,000

National Flood Hazard Layer FIRMette



32°11'25" N 79°52' 74"



Legend

SEE PG. REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, X2</i>
		With BFE or Depth <i>Zone A, C, X1, X2, V, X3, X4</i>
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% Annual Chance Flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone Y</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone Y</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone Y</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS		Area of Minimal Flood Hazard <i>Zone Y</i>
		Effective LOMRs
		Area of Undetermined Flood Hazard <i>Zone D</i>
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Roadwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Profile Baseline
	Hydrographic Feature	
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point created by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived from the authoritative NFHL web services provided by FEMA. This map was exported on 7/12/2023 at 12:52 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



Basemap Imagery Source: USGS National Map 2023



Appendix D – Construction Cost Estimate



Segment	Segment Name	Begin MP	End MP	Distance (mi)	Interchanges		Mainline Non-Interchange Bridges		Crossroads*	
					Interchanges	Number to be Reconstructed**	Road	Length (NB+SB) (ft)	Road	Number
From north of SR 200 to north of US 27	1	142	18 09	3 69	SR 40 US 27	0	SW 20th Steel	200 ft		0
From north of US 27 to south of SR 326	2	18 09	21 005	3 795	NW 49th Steel	0			NW 53rd St	1
From south of SR 326 to north of SR 326	3	21 005	22 505	0 502	SR 326	0				0
From north of SR 326 to south of CR 318	4	21 005	32 139	10 753		0	CR 329	331	NW 100th St, NW 120th St, CR 315	3
From south of CR 318 to north of CR 318	5	32 139	32 552	0 413	CR 318	0				0
From north of CR 318 to south of CR 254	6	32 552	0 841	5 571		0	NW 193rd St	348	CR 270	1

*Assumes replacement of all existing bridges within the project limits with 300' long (2150' spans) and 44.5' wide (two 11' lanes with 10' shoulders and full clearing on each side) structures

**Interchange reconstruction is not assumed to be a part of the Mainline Option 1 since the aux lanes are dropped/added below/above the interchange bridge.

I-75 NORTHERN STUDY - MAINLINE OPTION 1 COST ESTIMATE

Segment Name	Distance (mi)	ROADWAY	BRIDGE	DRAINAGE	SIGNING	PAVEMENT MARKINGS	LIGHTING	SEGMENT SUBTOTAL
1	3.89	\$22,503,930	\$885,192	\$1,274,442	\$917,747	\$139,237	\$1,952,730	\$27,673,278
2	3.796	\$13,822,703	\$3,844,800	\$1,243,646	\$759,298	\$116,008	\$1,906,543	\$21,691,998
3	0.62	\$944,362	\$0	\$203,124	\$22,752	\$19,480	\$311,232	\$1,500,950
4	10.253	These segments are not included in Mainline Option 1						
5	0.413							
6	6.571							

NORTH CORRIDOR SUBTOTAL \$50,866,226

MOT (15% of Subtotal) \$7,629,934

Mobilization (15% of Subtotal + MOT) \$8,774,424

Contingency (25% of Subtotal + MOT + Mobilization) \$16,817,646

NORTH CORRIDOR TOTAL \$84,088,230

PROJECT UNKNOWNNS (10% of TOTAL) \$9,411,770

NORTH CORRIDOR GRAND TOTAL \$93,500,000

L75 NORTHERN STUDY - MAINLINE OPTION 1 ROADWAY COMPONENT

Segment Name	Distance (mi)	CLEARING & GRUBBING		EARTHWORK		EROSION & SEDIMENT CONTROL	ROADWAY PAVEMENT				SHOULDER PAVEMENT				SHOULDER TREATMENT				NOISE WALLS		ROADWAY COMPONENT
		AQ	Cost	Widened Roadway (SF)	Cost	Cost	Milling & Resurfacing		Widening		Milling & Resurfacing		Widening		Shoulder Barrier Wall		Retaining Wall		Cost	SEGMENT TOTALS	
							(SF)	Cost	(SF)	Cost	(SF)	Cost	(SF)	Cost	(LF)	Cost	(LF)	Cost			(SF)
1	3.89	14.13	\$1,893,343	283320	\$713,463	\$96,779	1343093	\$1,909,981	283320	\$1,840,740	487076	\$423,827	297,940	\$1,921,713	1,600	\$343,200.00	1698	\$1,033,323	218828	\$9,824,760	\$22,508,980
2	3.796	13.80	\$1,847,67	269040.0	\$672,600	\$94,441	1326379	\$1,839,163	269040.0	\$1,731,308	432096	\$397,844	317,116	\$2,043,398	0	\$0.00	0	\$0	63404	\$2,633,180	\$13,822,703
3	0.62	2.23	\$80,178	7319	\$18,298	\$1,423	136263	\$39,714	7319	\$47,208	41008	\$8,087	30,923	\$199,433	0	\$0.00	0	\$0	0	\$0	\$944,362
4	10.233	These segments were not included in Mainline Option 1																			
5	0.413																				
6	0.371																				

I-75 NORTHERN STUDY - MAINLINE OPTION 1 BRIDGE COMPONENT

Segment Name	Distance (mi)	Mainline Non-Interchange Bridges			Crossroads			BRIDGE COMPONENT SEGMENT TOTALS
		Road	Widened Area (NB + SB) (SF)	Cost	Road	Number	Cost	
1	3.89	SW 20th St.	3353	\$885,192	-	0	\$0	\$885,192
2	3.796	-	0	\$0	NW 63rd St	1	\$3,844,800	\$3,844,800
3	0.62	-	0	\$0	-	0	\$0	\$0
4	10.253	These segments are not included in Mainline Option 1						
5	0.413							
6	6.571							

I-75 NORTHERN STUDY - MAINLINE OPTION 1 DRAINAGE COMPONENT		
Segment Name	Distance (mi)	DRAINAGE COMPONENT SEGMENT TOTALS
1	3.89	\$1,274,442
2	3.796	\$1,243,646
3	0.62	\$203,124
4	10.253	These segments are not included in Mainline Option 1
5	0.413	
6	6.571	

I-75 NORTHERN STUDY - MAINLINE OPTION 1 SIGNING COMPONENT

Segment Name	Distance (mi)	Single and Multi-post Signs		Overhead Cantilever Signs		SIGNING COMPONENT SEGMENT TOTALS	
		Cost/Mile	Cost	(EA)	Cost		
1	3.89	\$36,696	\$142,747.44	5	\$775,000.00	\$917,747	
2	3.796	\$36,696	\$139,298.02	4	\$620,000.00	\$759,298	
3	0.62	\$36,696	\$22,751.52	0	\$0.00	\$22,752	
4	10.253	These segments are not included in Mainline Option 1					
5	0.413						
6	6.571						

I-75 NORTHERN STUDY - MAINLINE OPTION 1 PAVEMENT MARKING COMPONENT

Segment Name	Distance (mi)	PAVEMENT MARKINGS												PAVEMENT MARKING COMPONENT SEGMENT TOTALS
		6" White Solid		6" White Skip		8" White Solid		12" White Solid		18" White Solid		6" Yellow Solid		
		(MI)	Cost	(MI)	Cost	(MI)	Cost	(MI)	Cost	(LF)	Cost	(MI)	Cost	
1	3.89	7.71	\$40,980	18.68	\$31,124	0.80	\$4,360	0.28	\$2,463	4232	\$18,873	7.71	\$41,233	\$139,237
2	3.790	7.30	\$38,800	21.64	\$36,036	0.06	\$342	0.04	\$428	300	\$1,338	7.30	\$39,043	\$116,008
3	0.62	0.77	\$4,093	1.43	\$2,388	0.30	\$1,710	0.00	\$0	1397	\$7,123	0.78	\$4,172	\$19,480
4	10.233	These segments are not included in Mainline Option 1												
5	0.413													
6	0.371													

I-75 NORTHERN STUDY - MAINLINE OPTION 1 LIGHTING COMPONENT

				LIGHTING COMPONENT SEGMENT TOTALS
Segment Name	Distance (mi)	Roadway Distance (NB+SB) (mi)	Number of Light Poles	
1	3.89	7.78	137	\$1,952,730
2	3.796	7.592	134	\$1,905,543
3	0.62	1.24	22	\$311,232
4	10.253	These segments are not included in Mainline Option 1		
5	0.413			
6	6.571			

I-75 Forward

Construction Cost Estimate References and Assumptions

References

The I-75 Forward mainline cost estimates were developed using FDOT cost per mile models listed below. The cost per mile models are included in this appendix and include notes for reference.

- R10- Cost per mile to widen interstate one lane
[rural-10.pdf \(windows.net\)](#)
- R18 – Cost per mile to mill/resurface 6 lane interstate with 10' paved shoulders
[rural-18.pdf \(windows.net\)](#)
- R19- Cost per mile to mill/resurface one lane
[rural-19.pdf \(windows.net\)](#)
- R25 - Cost per mile to widen 4 lane interstate to 6 lanes to the outside
[rural-25.pdf \(windows.net\)](#)
- Area 6 average unit costs (April 2021 through March 2022)
[Historical Item Average Costs \(Market Area 06 \(fdot.gov\)\)](#)
- Statewide average unit costs (April 2021 through March 2022)
[Historical Item Average Costs \(Statewide 12 Months\) \(fdot.gov\)](#)

I-75 Mainline Cost Estimate Assumptions

The following assumptions were used to develop costs for each component of the mainline construction cost estimates.

Roadway Component

Clearing and Grubbing

The acreage of clearing and grubbing was assumed to be 30 feet on each side times the segment length for Options 1 and 2 (widen 1 lane in each direction) and 60 feet on each side times the segment length for Options 3 and 4 (widen 2 lanes in each direction). A clearing and grubbing unit cost of \$13,385.41/AC was used (Area 6 average).

Earthwork

The cost for earthwork associated with roadway widening was calculated using the R25 cost per mile model and assumed to be \$158,569 per lane mile or \$2.50/SF of widened roadway.

Erosion and Sediment Control

Erosion and sediment control cost was estimated using the R25 cost per mile model and was assumed to be \$24,879 per mile.

Roadway

The cost for roadway pavement to be milled/resurfaced was estimated using the R19 cost per mile model (\$3.06/SF) and 25% was added on top to account for cross slope correction/overbuild. The R10 cost per mile model was used to estimate the cost for new roadway pavement (\$6.45/SF).

Shoulder

The new outside shoulder pavement is assumed to be full depth pavement for future lanes and is therefore the same cost as new roadway pavement (\$6.45/SF).

The cost of existing shoulders to be milled and resurfaced was estimated using the R18 cost per mile model and was assumed to be \$0.88/SF.

Shoulder Treatment

Lengths of shoulder barrier wall and retaining wall were measured using the Master Plan drawing and included in the cost estimate. Retaining walls were assumed to be an average of 15' high. Unit costs for these items were estimated using the Statewide averages (\$340.75/LF for shoulder barrier wall and \$40.69/SF for retaining wall).

Bridge Component

Mainline Bridges

Mainline interchange bridge widening is not needed for Option 1 since the auxiliary lanes drop/add before/after these bridges.

Mainline non-interchange bridges will need to be widened for all options.

Unit cost to widen Mainline Bridges = \$264/SF (2022 FDOT Structures Design Guide - Widening High Range plus 20%)

Crossroad Bridges

All I-75 Mainline Options assume replacement of all crossroad bridges within the option's limits. The replacement structure is assumed to be with 300' (2 150' spans) and 44.5' wide (two 11' lanes with 10' shoulders and traffic railing on each side).

Unit cost to replace Crossroad Bridges = \$288 (2022 FDOT Structures Design Guide - Medium Span Bridges (span range 150' to 280') plus 20%)

Bridge Box Culverts

There are no bridge box culverts within the Master Plan limits.

Retaining Walls

See shoulder treatment above.

Drainage Component

Drainage cost was estimated using the R25 cost per mile model and was assumed to be \$327,620 per mile. This cost is assumed to cover all cross-drain extensions but does not cover stormwater ponds or floodplain compensation. Stormwater ponds and floodplain compensation are not included in these Master Plan cost estimates.

Signing Component

All overhead cantilever signs were located using aerial imagery and are assumed to be replaced within the Option's limits. There are no existing span signs within the limits of Option 1. Unit cost for an overhead cantilever sign was assumed to be \$155,000 each which includes the cost of sign panels.

The quantities and costs for single post and multi-post signs were estimated using the R25 model and are assumed to be \$36,696 per mile.

Pavement Marking Component

Lengths and quantities of pavement markings were measured using the Master Plan drawing and included in the cost estimate. Unit costs for these items were estimated using the Area 6 averages.

Lighting Component

The number of light poles to be removed and replaced was assumed to be one pole every 300' of widened roadway (each side).

The cost to remove and replace each light was estimated using LRE and Area 6 average unit costs and was assumed to be \$14,261 each.

Note: Stormwater Ponds, Floodplain compensation, Noise Walls and ITS are not included in these Master Plan cost estimates.

Interchange Concept Cost Estimates

Interchange concepts were estimated using LRE and the measured shapes/lines from the interchange concept drawings. Unit prices in LRE were adjusted to match the Area 6 averages. The same percentages used in the Mainline cost estimates were applied to the LRE subtotal (15% MOT, 15% MOB) and LRE total (25% Unknowns). Shoulder pavement in urban sequences was estimated using the same cost as new shoulder pavement for the Mainline (\$239,027 per mile of 10' paved shoulder → \$4.53/SF).



Appendix E – Typical Section Package

**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION**

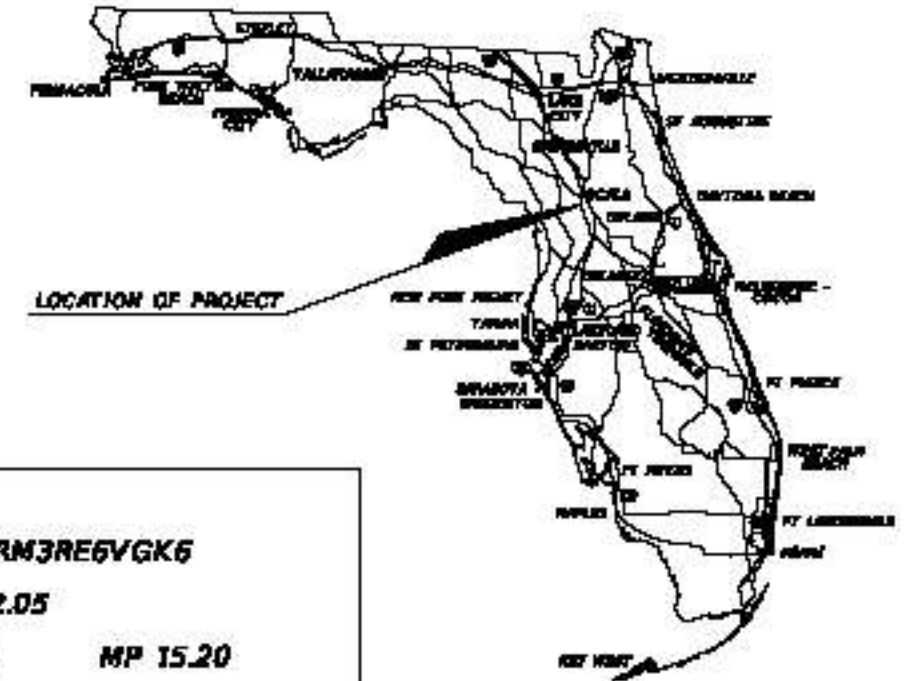
TYPICAL SECTION PACKAGE

FINANCIAL PROJECT ID 443624-1-22-01

MARION COUNTY (36210000)

STATE ROAD NO. 93 (I-75)

ADD AUXILLARY LANES FROM NORTH OF SR 200 TO SOUTH OF SR 326



FDOT DISTRICT DESIGN ENGINEER

FDOT DISTRICT TRAFFIC OPERATIONS ENGINEER

CONCURRING WITH:

CONCURRING WITH:

FDOT DISTRICT INTERMODAL SYSTEMS DEVELOPMENT MANAGER

FDOT DISTRICT STRUCTURES DESIGN ENGINEER

CONCURRING WITH:

CONCURRING WITH:

FHWA TRANSPORTATION ENGINEER

LOCAL TRANSPORTATION ENGINEER

CONCURRING WITH:

CONCURRING WITH:

NOT USED

NOT USED

CONCURRING WITH:

CONCURRING WITH:

PROJECT LOCATION URL: <https://goo.gl/maps/v7vZx8fRM3RE6VGK6>
PROJECT LIMITS: BEGIN MP 14.30 - END MP 22.05
BRIDGE LIMITS: BRIDGE NO: 0064 MP 15.18 MP 15.20
 BRIDGE NO: 0049 MP 21.06
RAILROAD CROSSING: NONE

APPROVED BY:



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT NOT BE CONSIDERED SIGNED AND SEALED THE SIGNATURE MUST BE VERIFIED ON THE ELECTRONIC DOCUMENTS.

HDR, INC.
76 S. LAURA STREET, SUITE 1600
JACKSONVILLE, FL 32202
CERTIFICATE OF AUTHORIZATION:
TALLEY F. ROBERTS, P.E. NO.

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.009, F.A.C.

TYPICAL SECTION PACKAGE

SHEET NO	SHEET DESCRIPTION
1	COVER SHEET
2	TYPICAL SECTION NO. 1
3	TYPICAL SECTION NO. 2
4	TYPICAL SECTION NO. 3
5	TYPICAL SECTION NO. 4
6	TYPICAL SECTION NO. 5

SHEET NO.
1

PROJECT CONTROLS

CONTEXT CLASSIFICATION

- () C1 : RURAL () C3C : SUBURBAN COMM.
- () C2 : RURAL () C4 : URBAN GENERAL
- () C2T : RURAL TOWN () C5 : URBAN CENTER
- () C3N : SUBURBAN RES. () C6 : URBAN CORE
- (X) N/A : L.A. FACILITY

FUNCTIONAL CLASSIFICATION

- (X) INTERSTATE () MAJOR COLLECTOR
- () FREEWAY/EXPWY. () MINOR COLLECTOR
- () PRINCIPAL ARTERIAL () LOCAL
- () MINOR ARTERIAL

HIGHWAY SYSTEM

- () NATIONAL HIGHWAY SYSTEM
- () STRATEGIC INTERMODAL SYSTEM
- (X) STATE HIGHWAY SYSTEM
- () OFF-STATE HIGHWAY SYSTEM

ACCESS CLASSIFICATION

- (X) 1 - FREEWAY
- () 2 - RESTRICTIVE w/Service Roads
- () 3 - RESTRICTIVE w/800 ft. Connection Spacing
- () 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
- () 5 - RESTRICTIVE w/440 ft. Connection Spacing
- () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
- () 7 - BOTH MEDIAN TYPES

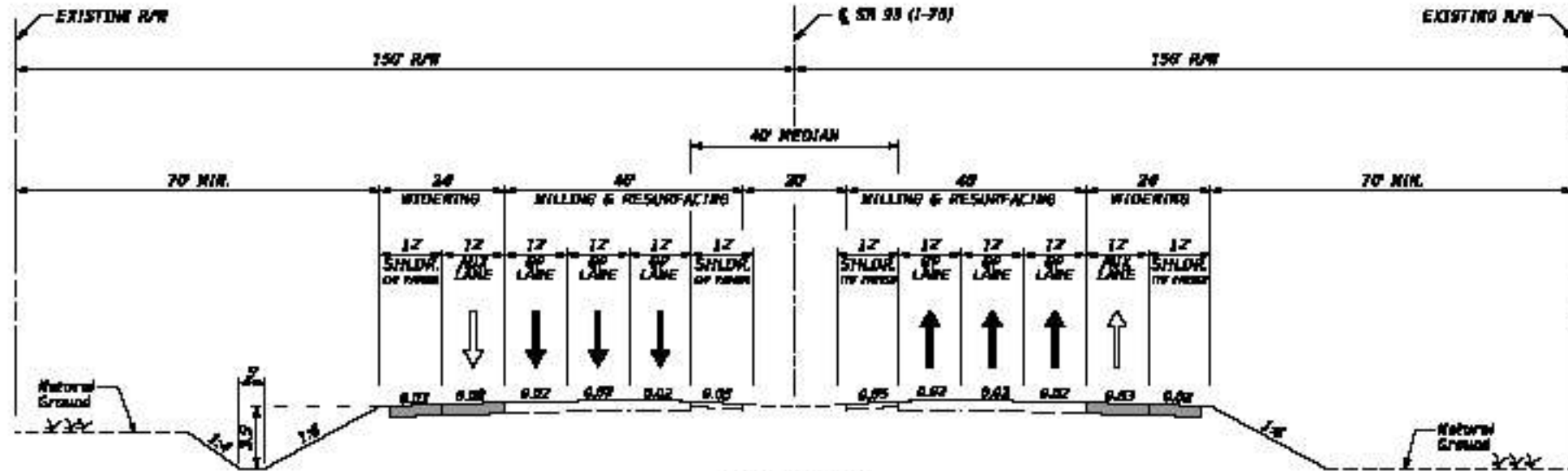
CRITERIA

- (X) NEW CONSTRUCTION / RECONSTRUCTION
- () RESURFACING (LA FACILITIES)
- () NAR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:

SHOULDER CROSS SLOPE DESIGN VARIATION
VERTICAL CURVE LENGTH/VALUE DESIGN VARIATION

TYPICAL SECTION No. 1



SR 93 (I-75)
 MP 14.30 TO MP 16.14
 MP 16.74 TO MP 17.33
 MP 18.13 TO MP 19.51 (RT)
 MP 18.12 TO MP 18.84 (LT)
 MP 20.43 TO MP 21.82

TRAFFIC DATA

CURRENT YEAR - 2019 AADT = 74,000 - 87,509
 ESTIMATED OPENING YEAR = 2030 AADT = 87,032 - 120,032
 ESTIMATED DESIGN YEAR = 2050 AADT = 122,000 - 187,000
 K = 9 % D = 50% T = 21.9% (24 HOUR)
 DESIGN HOUR T = 10.9%
 DESIGN SPEED = 70 MPH

FINANCIAL PROJECT ID	SHEET NO.
443624-I-22-01	2

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 187B-28.004, P.A.C.

PROJECT CONTROLS

CONTEXT CLASSIFICATION

- () C1 : RURAL () C3C : SUBURBAN COMM.
- () C2 : RURAL () C4 : URBAN GENERAL
- () C2T : RURAL TOWN () C5 : URBAN CENTER
- () C3N : SUBURBAN RES. () C6 : URBAN CORE
- (X) N/A : L.A. FACILITY

FUNCTIONAL CLASSIFICATION

- (X) INTERSTATE () MAJOR COLLECTOR
- () FREEWAY/EXPWAY. () MINOR COLLECTOR
- () PRINCIPAL ARTERIAL () LOCAL
- () MINOR ARTERIAL

HIGHWAY SYSTEM

- () NATIONAL HIGHWAY SYSTEM
- () STRATEGIC INTERMODAL SYSTEM
- (X) STATE HIGHWAY SYSTEM
- () OFF-STATE HIGHWAY SYSTEM

ACCESS CLASSIFICATION

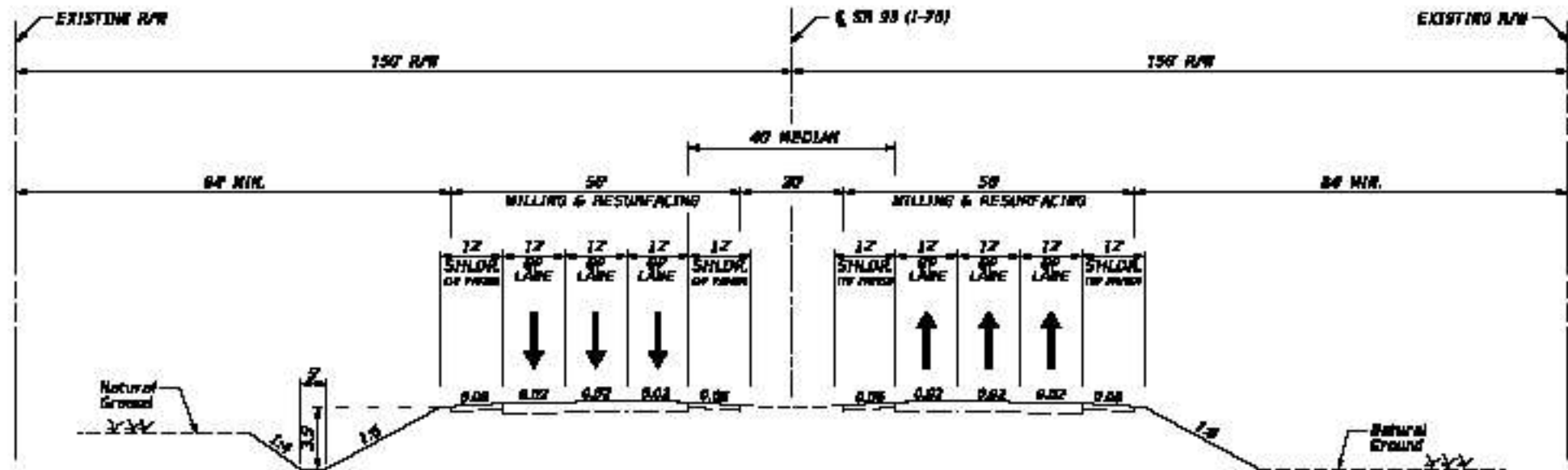
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- () 2 - RESTRICTIVE w/Service Roads
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- () 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
- () 5 - RESTRICTIVE w/440 ft. Connection Spacing
- () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
- () 7 - BOTH MEDIAN TYPES

CRITERIA

- () NEW CONSTRUCTION / RECONSTRUCTION
- (X) RESURFACING (LA FACILITIES)
- () RMR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:

TYPICAL SECTION No. 2



SR 93 (I-75)
 NP 14.74 TO NP 14.74
 NP 17.33 TO NP 18.73
 NP 19.31 TO NP 20.43 (RT)
 NP 19.84 TO NP 20.43 (LT)
 NP 21.82 TO NP 22.05

TRAFFIC DATA

CURRENT YEAR - 2019 AADT = 74,000 - 87,509
 ESTIMATED OPENING YEAR = 2030 AADT = 87,032 - 120,032
 ESTIMATED DESIGN YEAR = 2050 AADT = 122,000 - 187,000
 K = 9 % D = 50% T = 21.9% (24 HOUR)
 DESIGN HOUR T = 10.9%
 DESIGN SPEED = 70 MPH

FINANCIAL PROJECT ID	SHEET NO.
443624-I-22-01	3

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PROJECT CONTROLS

CONTEXT CLASSIFICATION

- () C1 : RURAL () C3C : SUBURBAN COMM.
- () C2 : RURAL () C4 : URBAN GENERAL
- () C2T : RURAL TOWN () C5 : URBAN CENTER
- () C3N : SUBURBAN RES. () C6 : URBAN CORE
- (X) N/A : L.A. FACILITY

FUNCTIONAL CLASSIFICATION

- (X) INTERSTATE () MAJOR COLLECTOR
- () FREEWAY/EXPWY. () MINOR COLLECTOR
- () PRINCIPAL ARTERIAL () LOCAL
- () MINOR ARTERIAL

HIGHWAY SYSTEM

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- (X) STRATEGIC INTERMODAL SYSTEM
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ACCESS CLASSIFICATION

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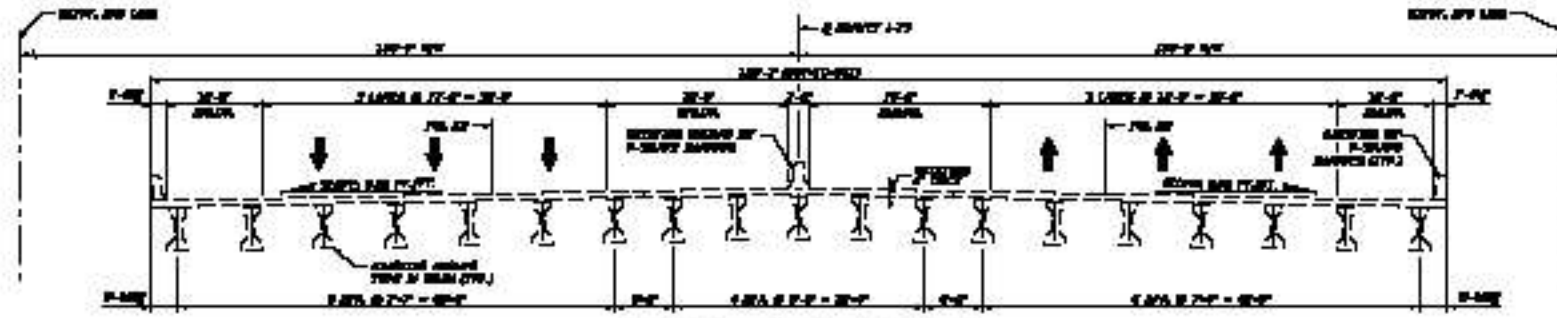
CRITERIA

- (X) NEW CONSTRUCTION / RECONSTRUCTION
- () RESURFACING (LA FACILITIES)
- () RMR (ARTERIALS & COLLECTORS)

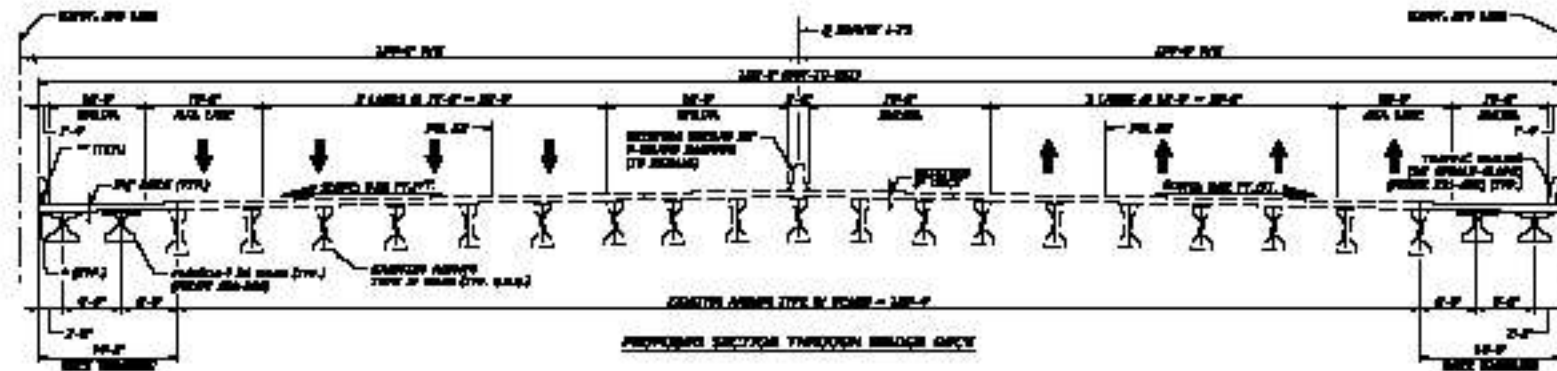
POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:

VERTICAL CURVE LENGTH/V-CURVE DESIGN VARIATION

TYPICAL SECTION No. 3



ELEVATED SECTION THROUGH BRIDGE DECK



PROPOSED SECTION THROUGH BRIDGE DECK

* APPROVED BY CERTIFIED V-SURVEY BY TERRY COOPER, SCSA 8728
 ** 1.5% P.C. GRADIENT FROM 638.478

SR 99 (I-75) OVER SW 20th STREET
 MP 77.58 TO MP 77.98

TRAFFIC DATA

CURRENT YEAR = 2018 ADT = 97,500
 ESTIMATED OPENING YEAR = 2030 ADT = 120,032
 ESTIMATED DESIGN YEAR = 2050 ADT = 161,000
 K - 3% D - 50% T - 21.5% (24 HOUR)
 DESIGN HOUR T = 75.0%
 DESIGN SPEED = 70 MPH

FINANCIAL PROJECT ID	SHEET NO.
443624-I-22-01	4

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 1102B-28.004, P.A.C.

PROJECT CONTROLS

CONTEXT CLASSIFICATION

- () C1 : RURAL () C3C : SUBURBAN COMM.
- () C2 : RURAL () C4 : URBAN GENERAL
- (X) C2T : RURAL TOWN () C5 : URBAN CENTER
- () C3N : SUBURBAN RES. () C6 : URBAN CORE
- () N/A : L.A. FACILITY

FUNCTIONAL CLASSIFICATION

- () INTERSTATE () MAJOR COLLECTOR
- () FREEWAY/EXPWAY. () MINOR COLLECTOR
- () PRINCIPAL ARTERIAL (X) LOCAL
- () MINOR ARTERIAL

HIGHWAY SYSTEM

- () NATIONAL HIGHWAY SYSTEM
- () STRATEGIC INTERMODAL SYSTEM
- () STATE HIGHWAY SYSTEM
- (X) OFF-STATE HIGHWAY SYSTEM

ACCESS CLASSIFICATION

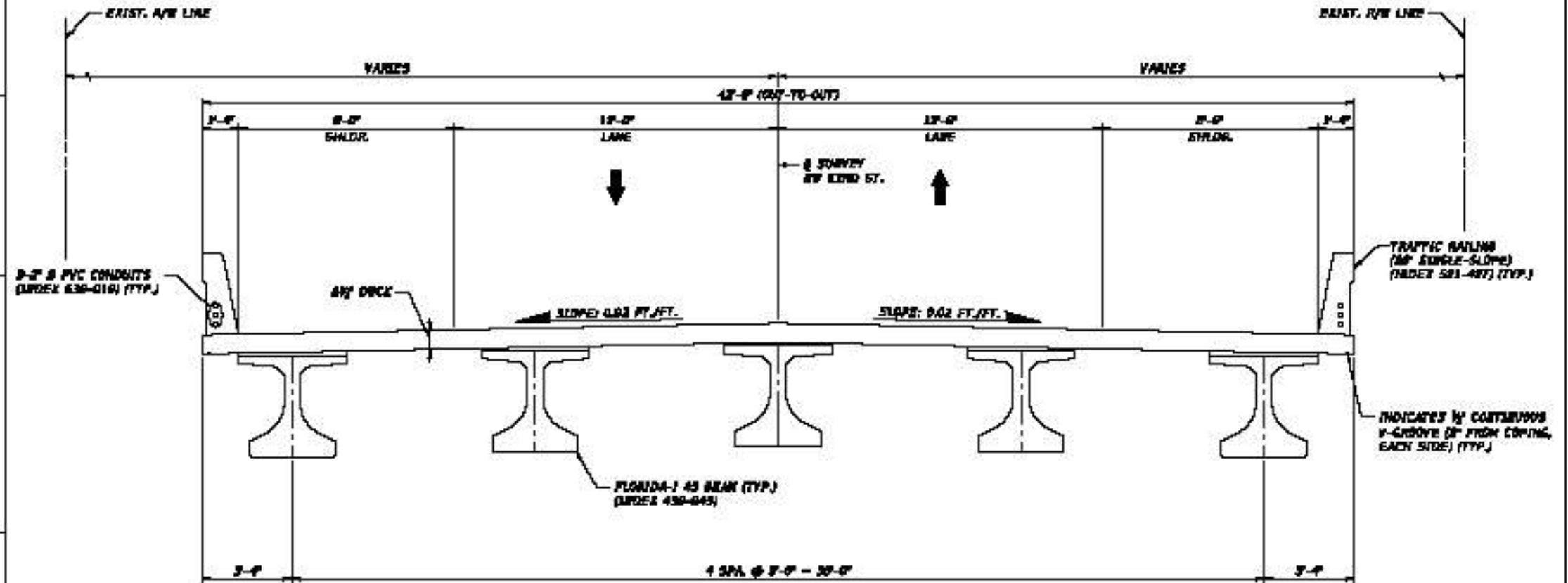
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- () 2 - RESTRICTIVE w/Service Roads
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- (X) 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
- () 5 - RESTRICTIVE w/440 ft. Connection Spacing
- () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
- () 7 - BOTH MEDIAN TYPES

CRITERIA

- (X) NEW CONSTRUCTION / RECONSTRUCTION
- () RESURFACING (LA FACILITIES)
- () NAR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:

TYPICAL SECTION No. 4



SECTION THROUGH BRIDGE DECK

NW 63rd ST OVER SR 93 (I-75)
 MP 21.86
 DESIGN SPEED = 40mph

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 1101E-28.004, P.A.C.

FINANCIAL PROJECT ID	SHEET NO.
443624-1-22-01	5

PROJECT CONTROLS

CONTEXT CLASSIFICATION

- () C1 : RURAL () C3C : SUBURBAN COMM.
- () C2 : RURAL () C4 : URBAN GENERAL
- (X) C2T : RURAL TOWN () C5 : URBAN CENTER
- () C3N : SUBURBAN RES. () C6 : URBAN CORE
- () N/A : L.A. FACILITY

FUNCTIONAL CLASSIFICATION

- () INTERSTATE () MAJOR COLLECTOR
- () FREEWAY/EXPWAY. () MINOR COLLECTOR
- () PRINCIPAL ARTERIAL (X) LOCAL
- () MINOR ARTERIAL

HIGHWAY SYSTEM

- () NATIONAL HIGHWAY SYSTEM
- () STRATEGIC INTERMODAL SYSTEM
- () STATE HIGHWAY SYSTEM
- (X) OFF-STATE HIGHWAY SYSTEM

ACCESS CLASSIFICATION

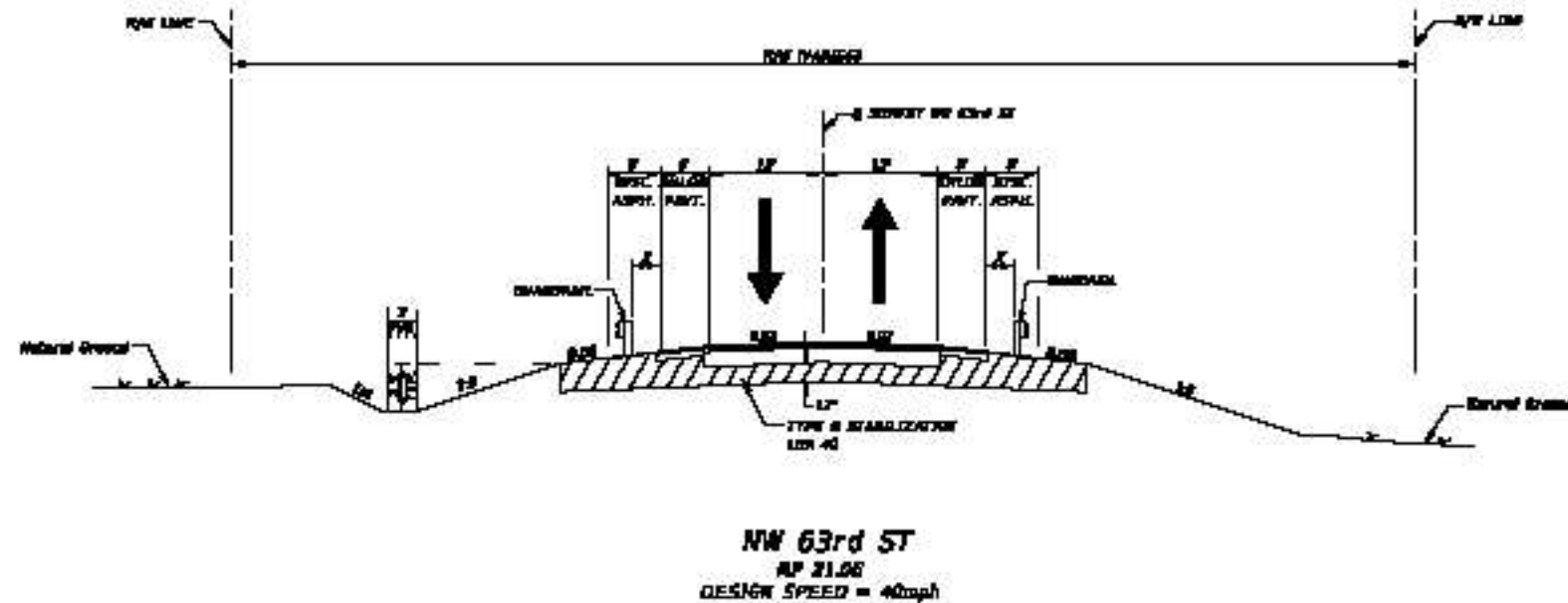
- () 1 - FREEWAY
- () 2 - RESTRICTIVE w/Service Roads
- () 3 - RESTRICTIVE w/800 ft. Connection Spacing
- (X) 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
- () 5 - RESTRICTIVE w/440 ft. Connection Spacing
- () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
- () 7 - BOTH MEDIAN TYPES

CRITERIA

- (X) NEW CONSTRUCTION / RECONSTRUCTION
- () RESURFACING (LA FACILITIES)
- () RMR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:

TYPICAL SECTION No. 5

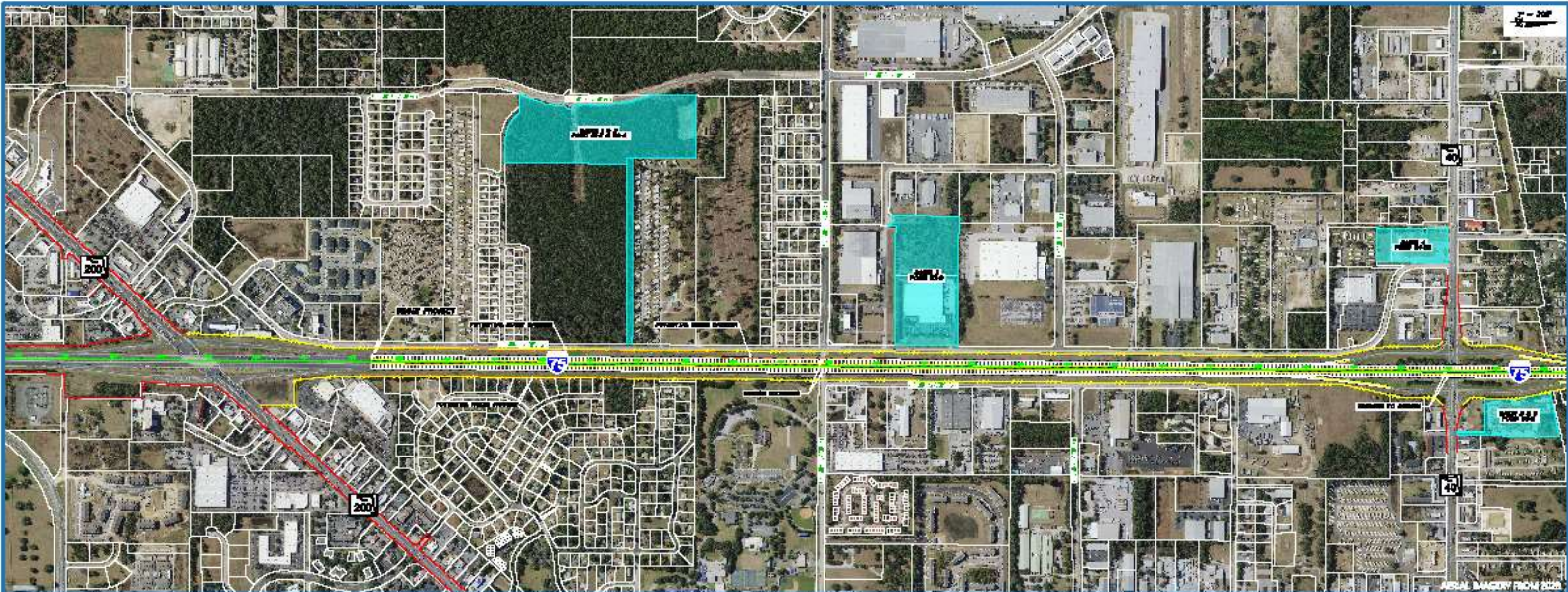


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FINANCIAL PROJECT ID	SHEET NO.
443624-E-22-01	6



APPENDIX F – NORTH PROJECT ROLL PLOTS



FDOT
FD-432874-1

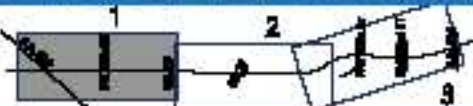
LEGEND

ROADWAY PAVEMENT
SHOULDER PAVEMENT
BRIDGE IMPROVEMENTS

EXISTING LA ROW LINE
EXISTING RA/W LINE
EXISTING PROPERTY LINE

PREFERRED POND SITE
POTENTIAL NOISE BARRIER

ROLL PLOT
NUMBER KEY



I-75 IMPROVEMENTS PD&E STUDY

6.R. 200 TO 6.R. 326

ROLL PLOT
NUMBER
1



AERIAL IMAGERY FROM SDG

Scale: 1" = 200'

AERIAL IMAGERY FROM SDG

I-75
FDOT
 FPD 432074-1

LEGEND

ROADWAY PAVEMENT		EXISTING LA ROW LINE		PREFERRED POND SITE	
SHOULDER PAVEMENT		EXISTING ROW LINE		POTENTIAL MOOSE BARRIER	
BRIDGE IMPROVEMENTS		EXISTING PROPERTY LINE			

PREFERRED POND SITE
 POTENTIAL MOOSE BARRIER

ROLL PLOT NUMBER KEY

I-75 IMPROVEMENTS PD&E STUDY
 G.R. 200 TO G.R. 326

ROLL PLOT NUMBER
2

PLAN VIEW - ROLL PLOT 3



AERIAL IMAGERY FROM 2020



LEGEND

ROADWAY PAVEMENT	
SHOULDER PAVEMENT	
BRIDGE IMPROVEMENTS	

EXISTING LA ROW LINE	
EXISTING ROW LINE	
EXISTING PROPERTY LINE	

PREFERRED POND SITE	
POTENTIAL NOISE BARRIER	



I-75 IMPROVEMENTS PD&E STUDY
 G.R. 200 TO G.R. 326

ROLL PLOT NUMBER
3