



SR 87 Connector

October 25, 2012

Project Development & Environment Study

From SR 87S at US 90 to SR 87N

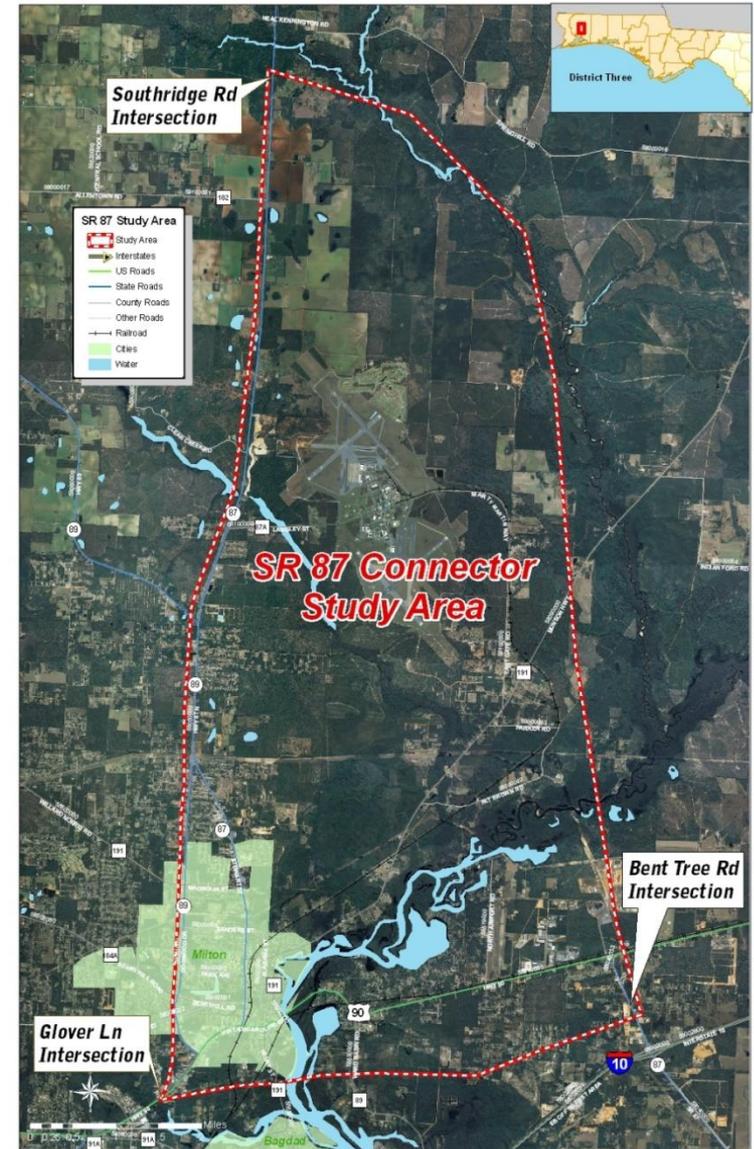




SR 87 Connector PD&E Study

Project Limits

- From SR 87S at US 90 to SR 87N at Southridge Road
- Functional Classification
 - Rural Minor Arterial
- Hurricane Evacuation Route
- Congestion Relief to US 90
- Connectivity
- Economic Development





SR 87 Connector PD&E Study

Purpose and Need

1. Provide a **direct connection** between SR 87S and SR 87N as an alternative to the existing connection via US 90.
2. **Improve hurricane evacuation** avoiding the need to go through the City of Milton.
3. Improve mobility within the **regional transportation network** by providing new connections to existing and future transportation routes consistent with the Florida/Alabama LRTP.
4. Enhance connectivity for more efficient operation of the **Whiting Field Naval Air Station** by providing a more direct route to I-10.
5. Improve **multi-modalism** for the region.
6. Enhance **economic development** by more effectively serving the Santa Rosa County/Whiting Field Industrial Park.



SR 87 Connector PD&E Study

Project Scope

Three Phases of Analysis

- 1. ETDM**
- 2. Corridor Analysis**
- 3. PD&E Study**





SR 87 Connector PD&E Study

Key Project Issues

- Environmental Issues
- Whiting Field NAS
- Criminal Justice Center/
Santa Rosa County Prison
- Historic Milton
- Engineering Issues
- Public Participation

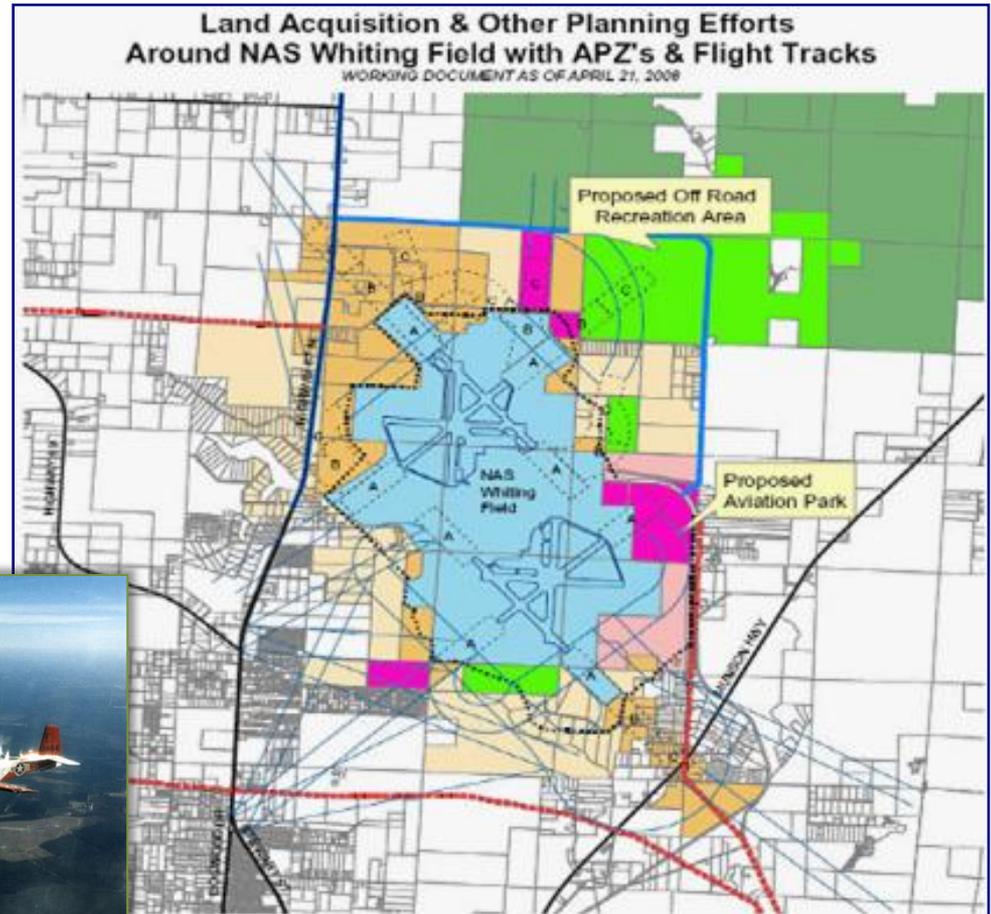




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Whiting Field Naval Air Station

- Improving Access
- Maintaining Security
- Air Protection Zones



Legend		Acquisition Projects	
	Main Roads		Acquired - Nature Conservancy
	Flight Tracks		NP Project - Nature Conservancy
	APZ		NAS Whiting Field
	Better Santa Rosa Plan		Clear Creek-State of Florida-EP Projects
	Deal		Navy-Santa Rosa County EP Projects
	4 Lane		Santa Rosa County Desired Purchase
	Multiple Use Trail		Acquired - Santa Rosa County
	Possible Bypass Road		

1 inch equals 1 mile

Map prepared by Planning Group #20
Revised/Updated January 11, 2008
Last Update: April 21, 2008

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Engineering Issues

- Two-lane section
- Right-of-way for a future four-lane median separated section
- Bridging the river and wetlands
- Railroad Crossing at US 90/SR 87S
- Right-of-way Acquisition

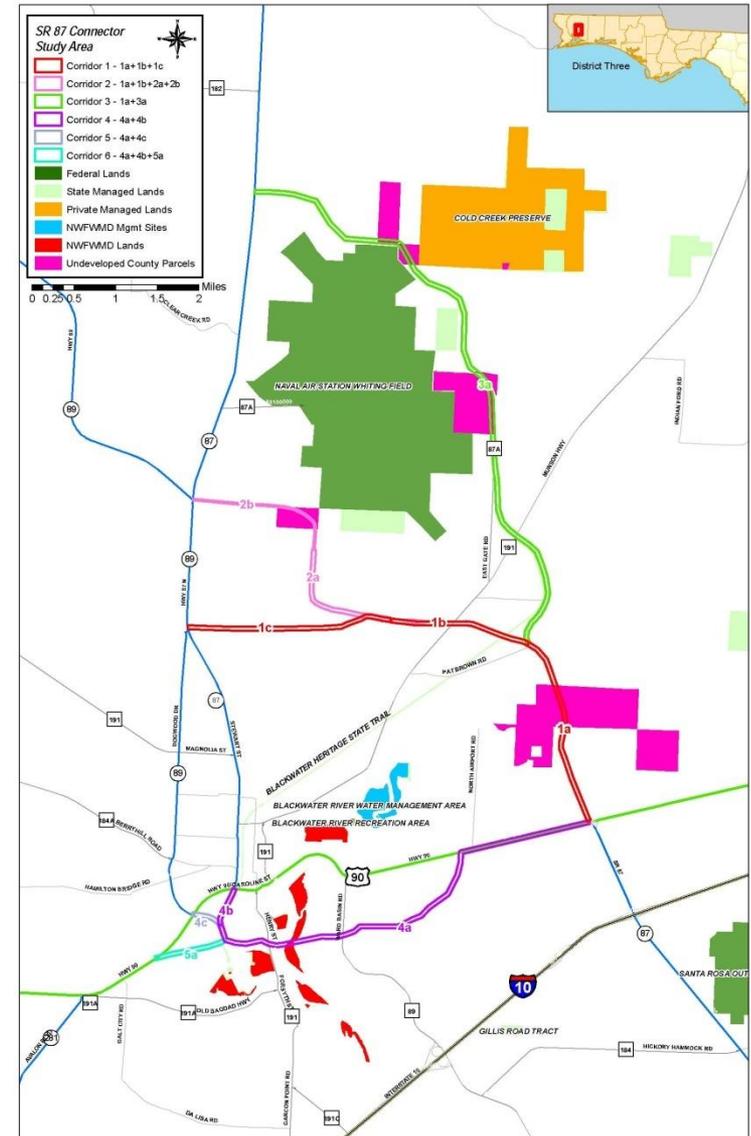




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Environmental

- Blackwater River Aquatic Preserve
- Coldwater Creek
- Clear Creek
- Blackwater River Heritage State Trail
- US 90 Historic Trail
- Florida Forever Lands

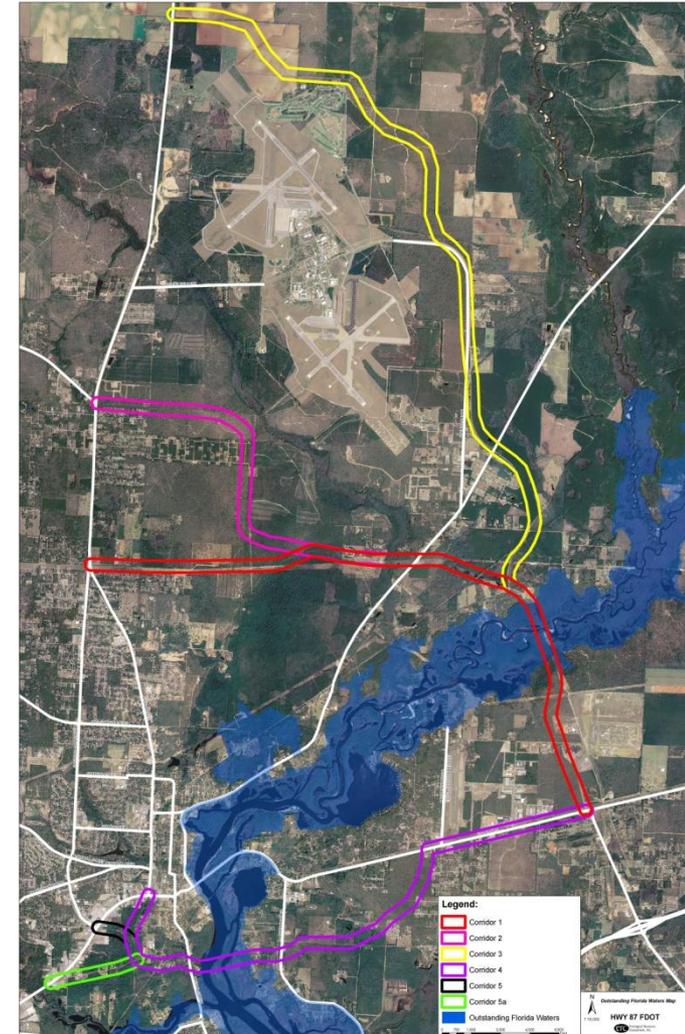




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Outstanding Florida Waters

- **Blackwater River Aquatic Preserve**
- **Exceptional Recreational and Ecological Significance**
- **All Corridors cross Blackwater River either to north or west**





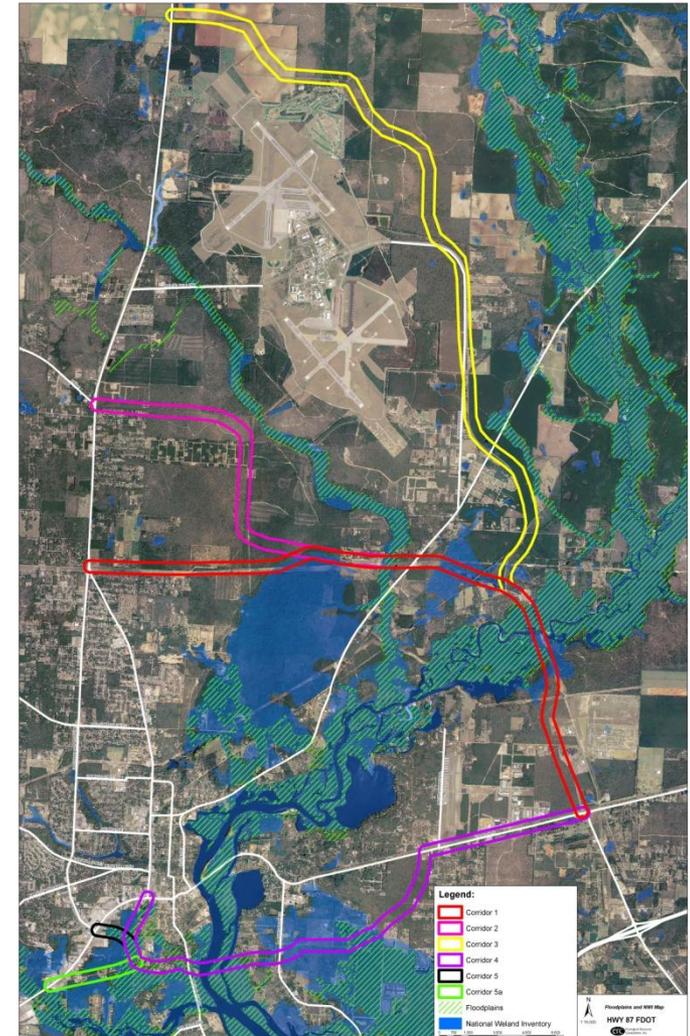
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Wetlands & Floodplains

- **Wetlands**
 - National Wetland Inventory
 - Florida Natural Areas Inventory (FNAI) Priorities
 - Evaluated for total impacts and percentage of total corridor

- **Floodplains**
 - FEMA flood zone data 'X' designated zones
 - FNAI Natural Floodplain

* Map to right depicts NWI and FNAI floodplain data

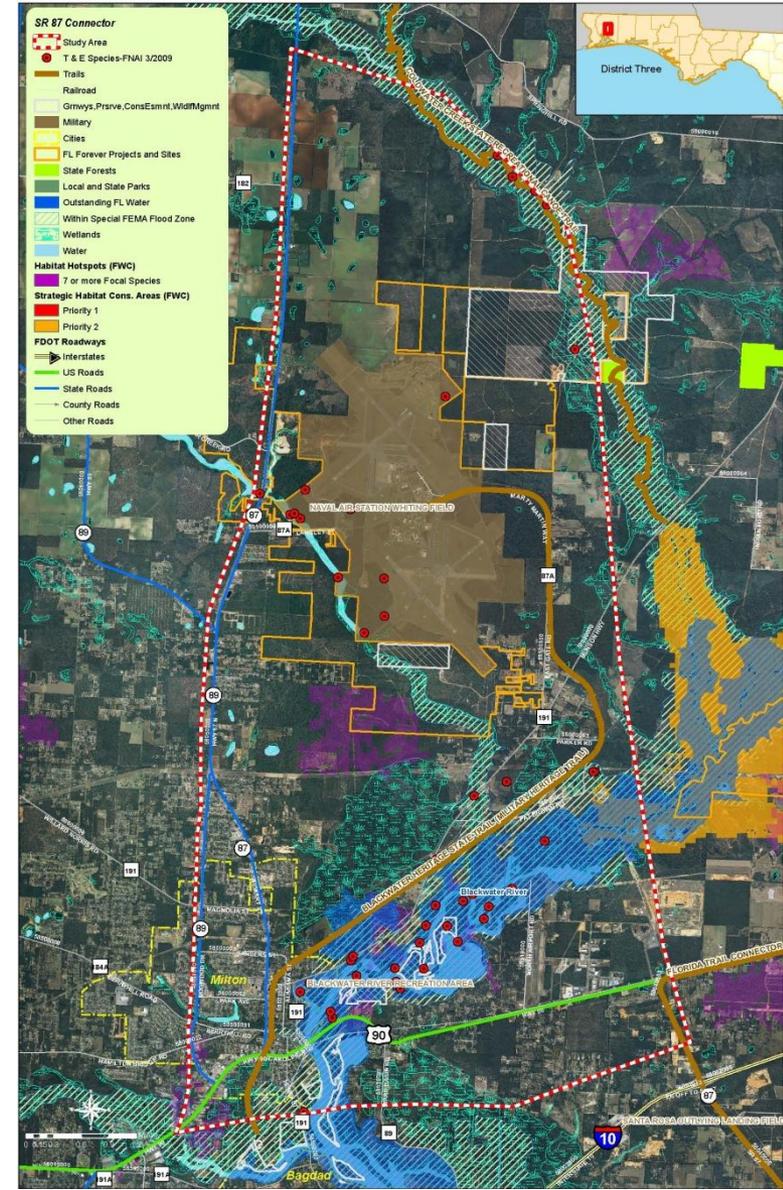




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Threatened & Endangered Species

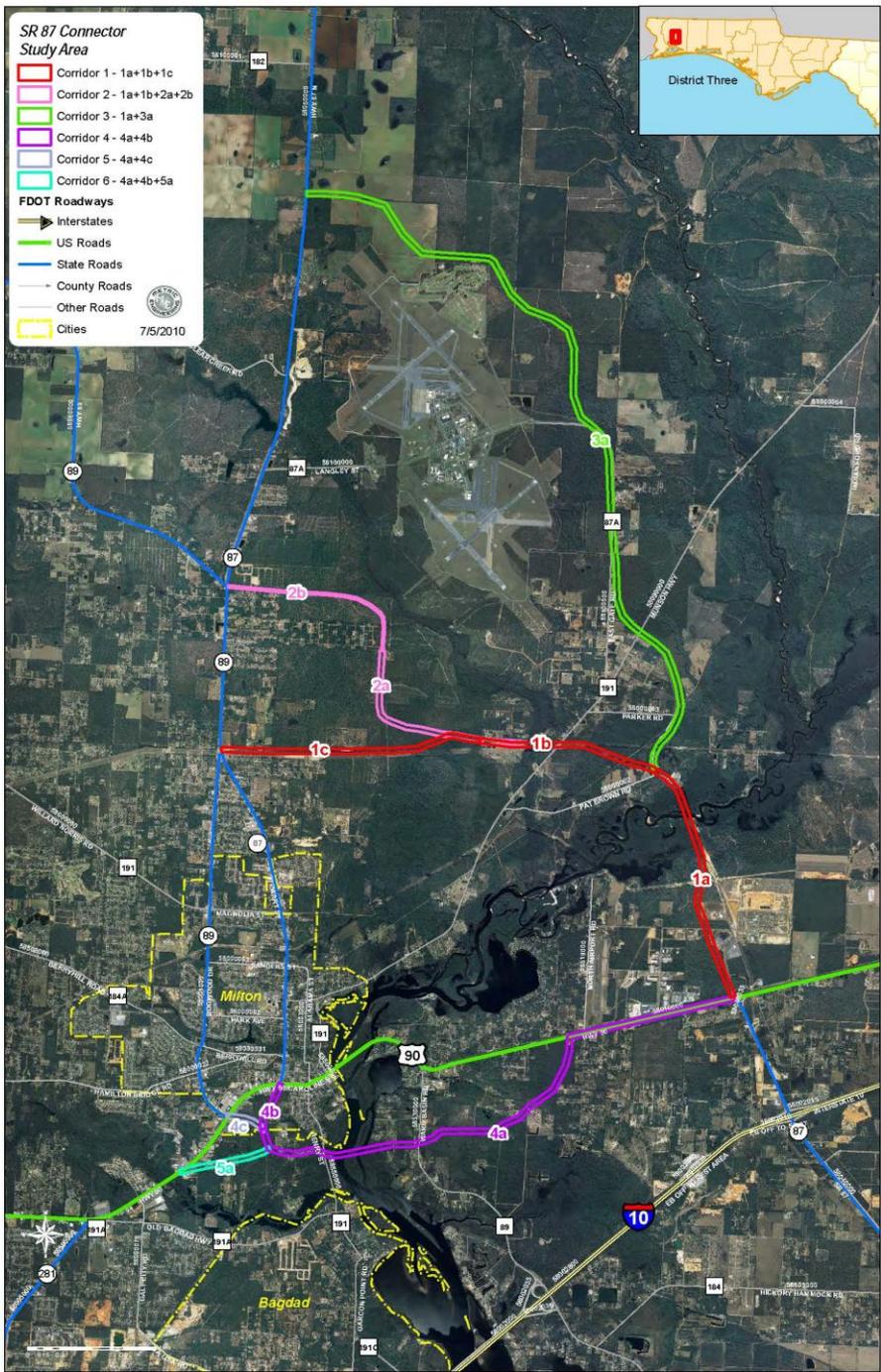
- Evaluated FNAI Element Occurrence data for Santa Rosa County (2009)
- Results
 - Most T/E Species associated with river and creek floodplains



Reticulated Flatwoods Salamander



Gulf Sturgeon



SR 87

Connector

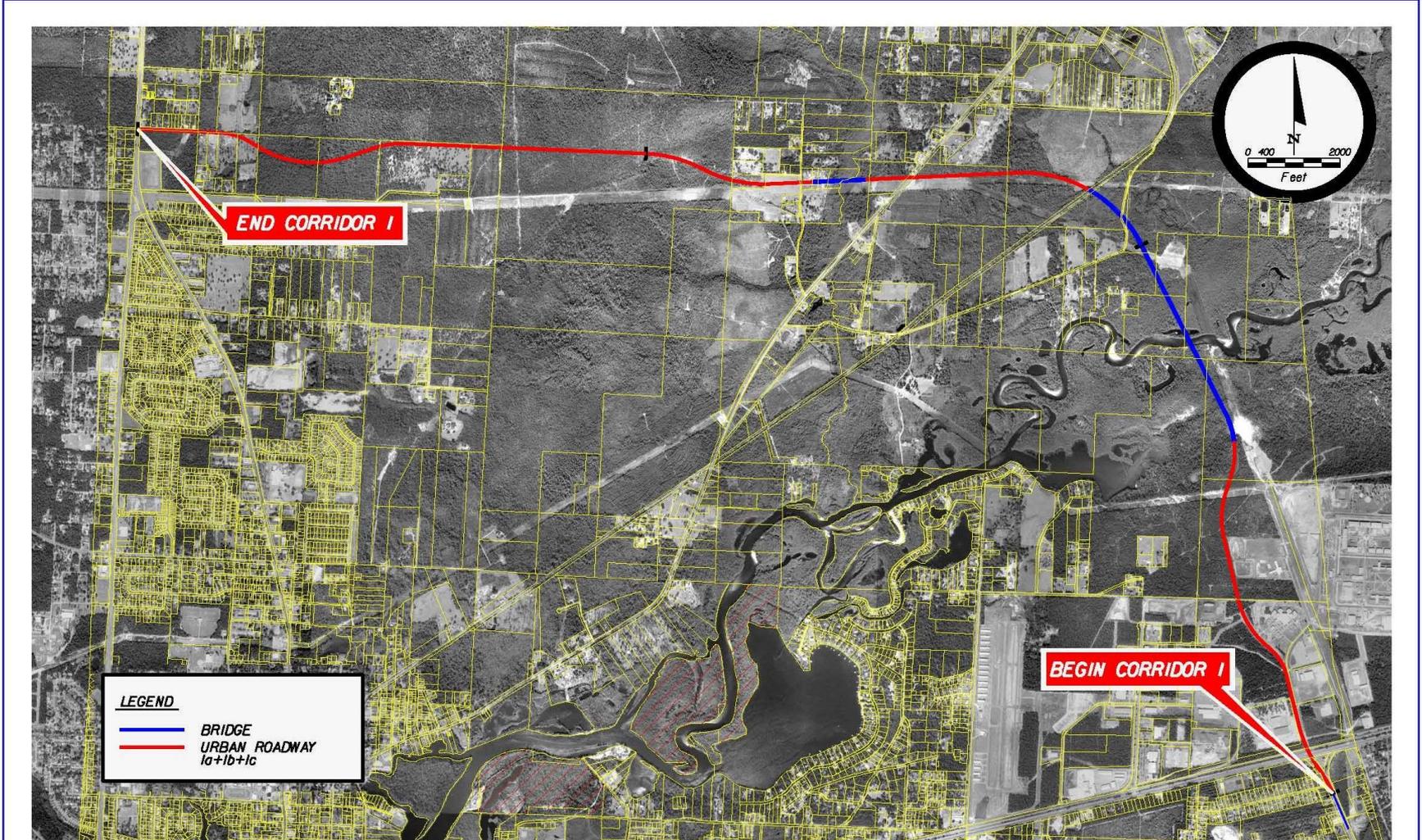
PD&E Study

Potential Corridors





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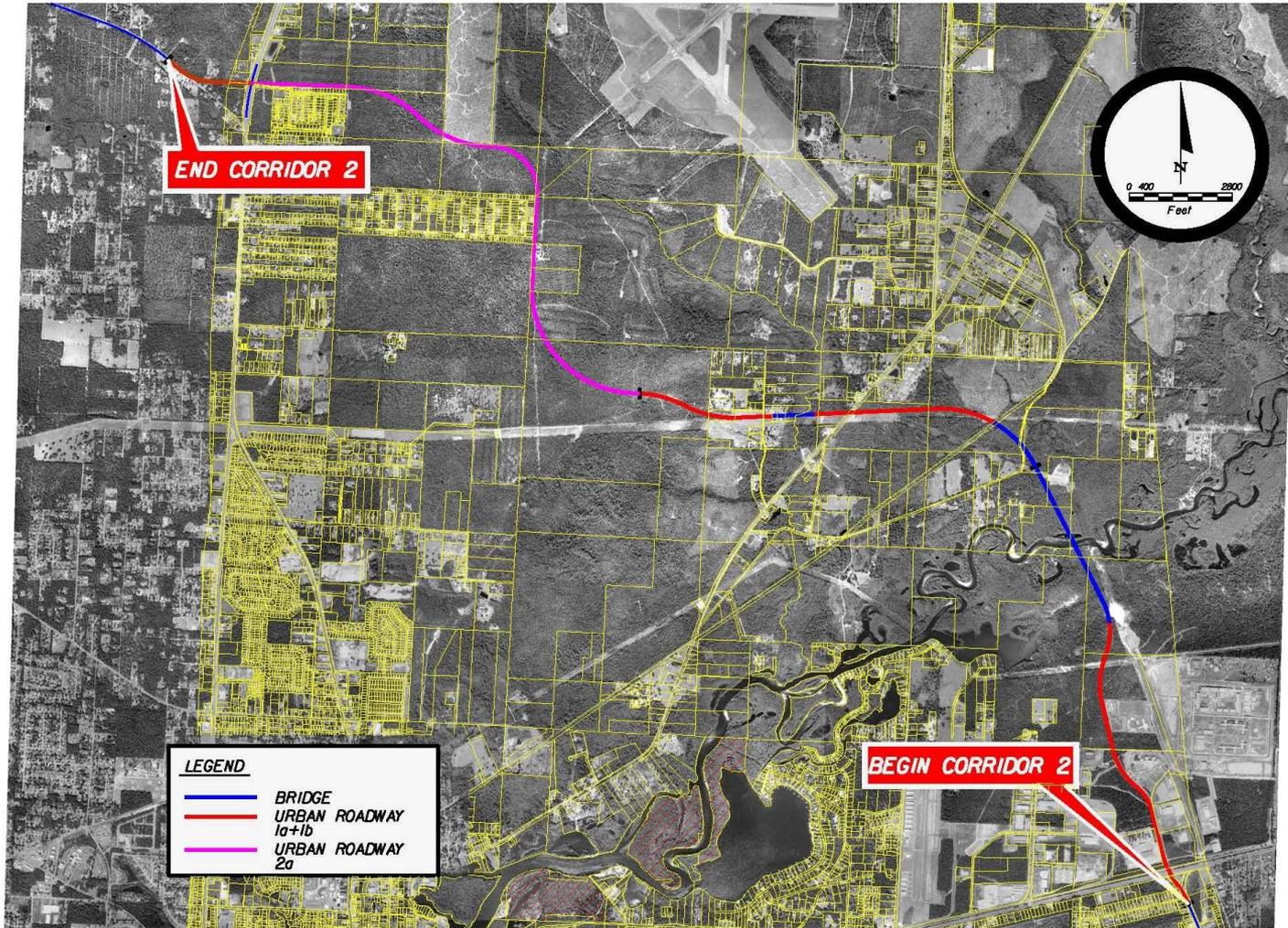
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DATE		DESCRIPTION		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION		

<p>C. BRIAN FULLER, P.E. # 48624 METRIC ENGINEERING, INC. 615 CRESCENT EXECUTIVE CT SUITE 624 LAKE MARY, FLORIDA 32746 TEL. (407) 844-1888 FAX. (407) 844-1921 FLORIDA CERT. NO. EB-0002294</p>	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		CORRIDOR 1
	ROAD NO. 87	COUNTY SANTA ROSA	



SR 87 Connector PD&E Study



LEGEND

- BRIDGE
- URBAN ROADWAY 1a+1b
- URBAN ROADWAY 2a

REVISIONS	
DATE	DESCRIPTION


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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
87	SANTA ROSA	4167483-22-01-02 4167484-22-01-02

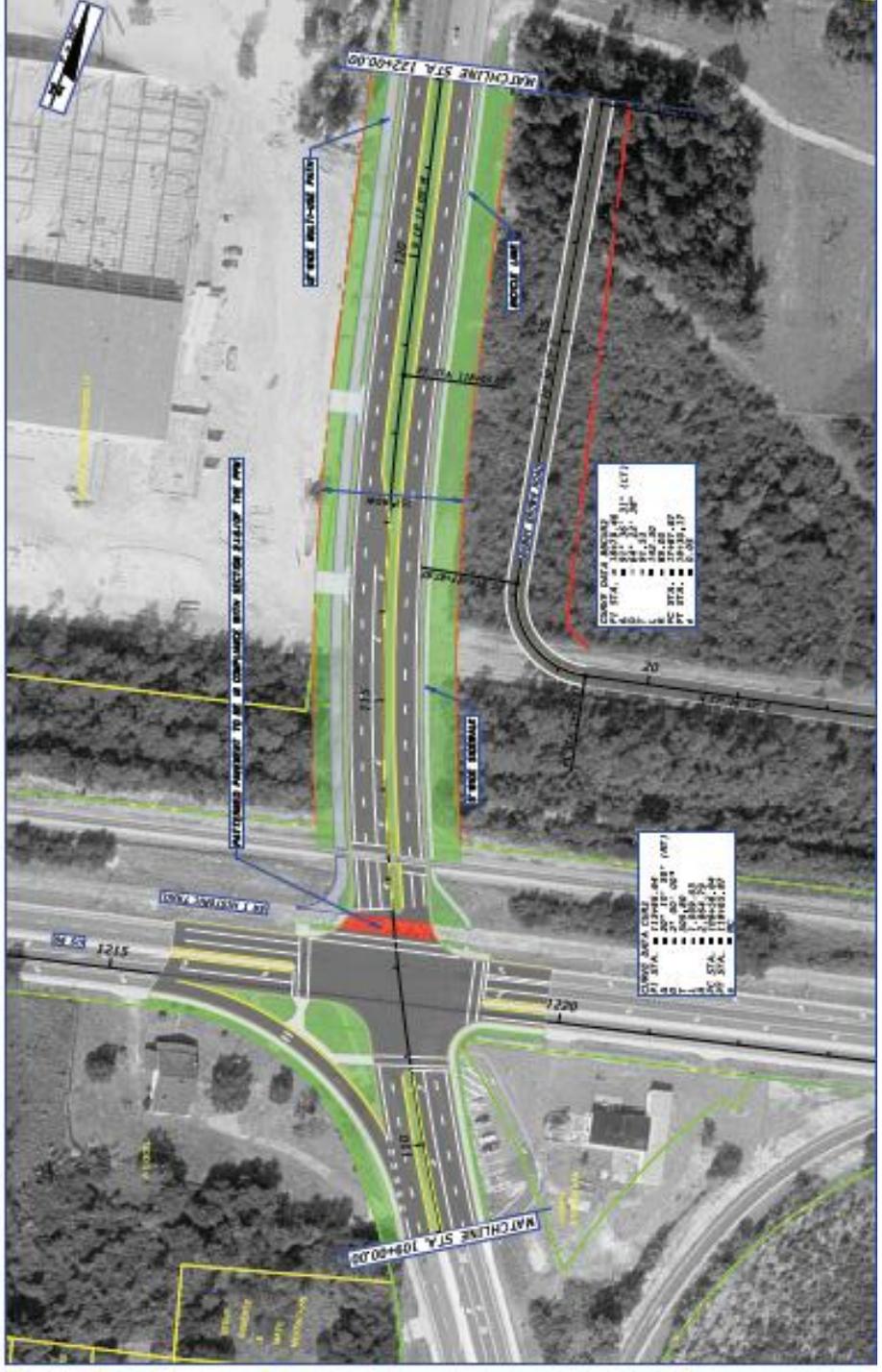
CORRIDOR 2

FIGURE

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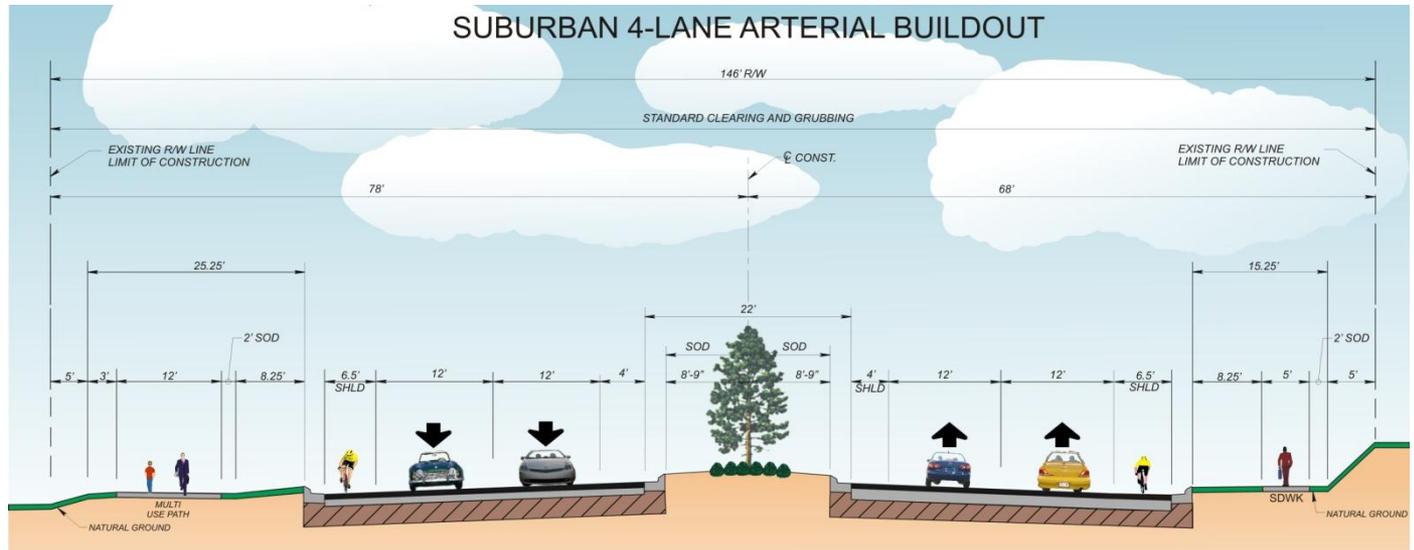
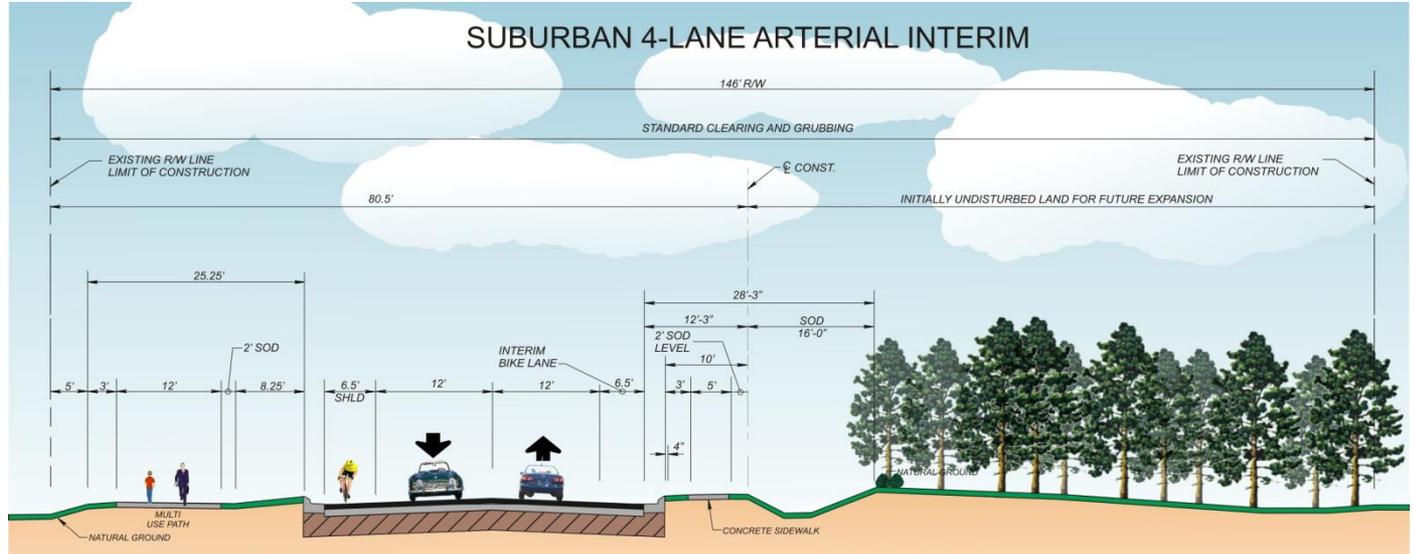
SR 87 Connector at US 90/SR 87S





SR 87 Connector PD&E Study

Typical Sections





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Challenges/Opportunities

- **Wetlands**
 - Blackwater River OSW
 - Adjacent Wetlands
 - FEMA Floodway

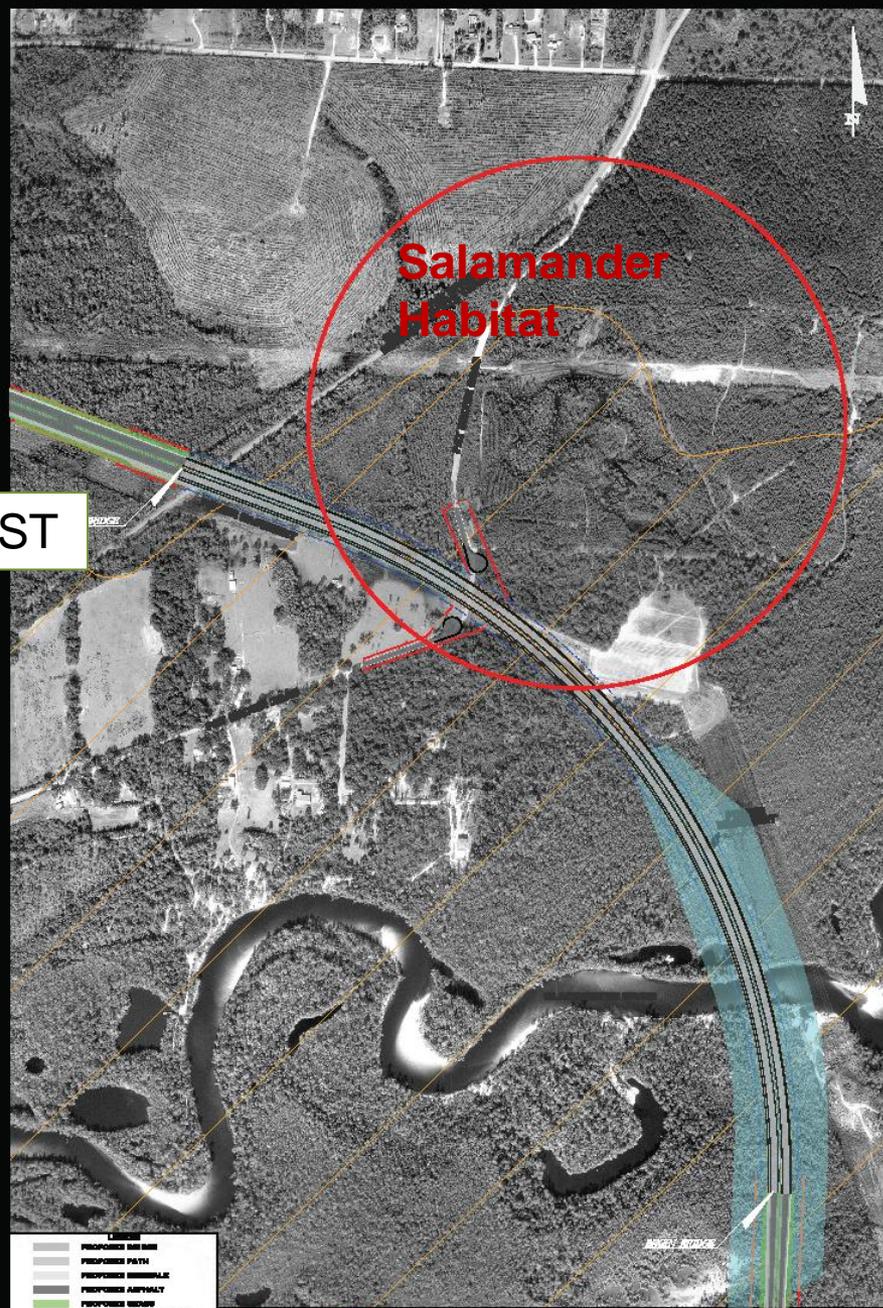
- **T & E**
 - Reticulated Salamander Habitat
 - Gulf Sturgeon

- **Cultural Resources**
 - SR 1 Historic Trail
 - Blackwater Heritage Trail





BHST



- PROPOSED BRIDGE
- PROPOSED PATH
- PROPOSED BRIDGELAND
- PROPOSED ASPHALT
- PROPOSED EASEMENT
- FLATWOODS AND ADJACENT HABITAT
- EXISTING RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- WETLANDS
- PLANNING AREA



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		0 750 300 Feet	
ROAD NO.	COUNTY		
SR 87	SANTA ROSA		

FLATWOODS AND ADJACENT
CU RESERVE AREA

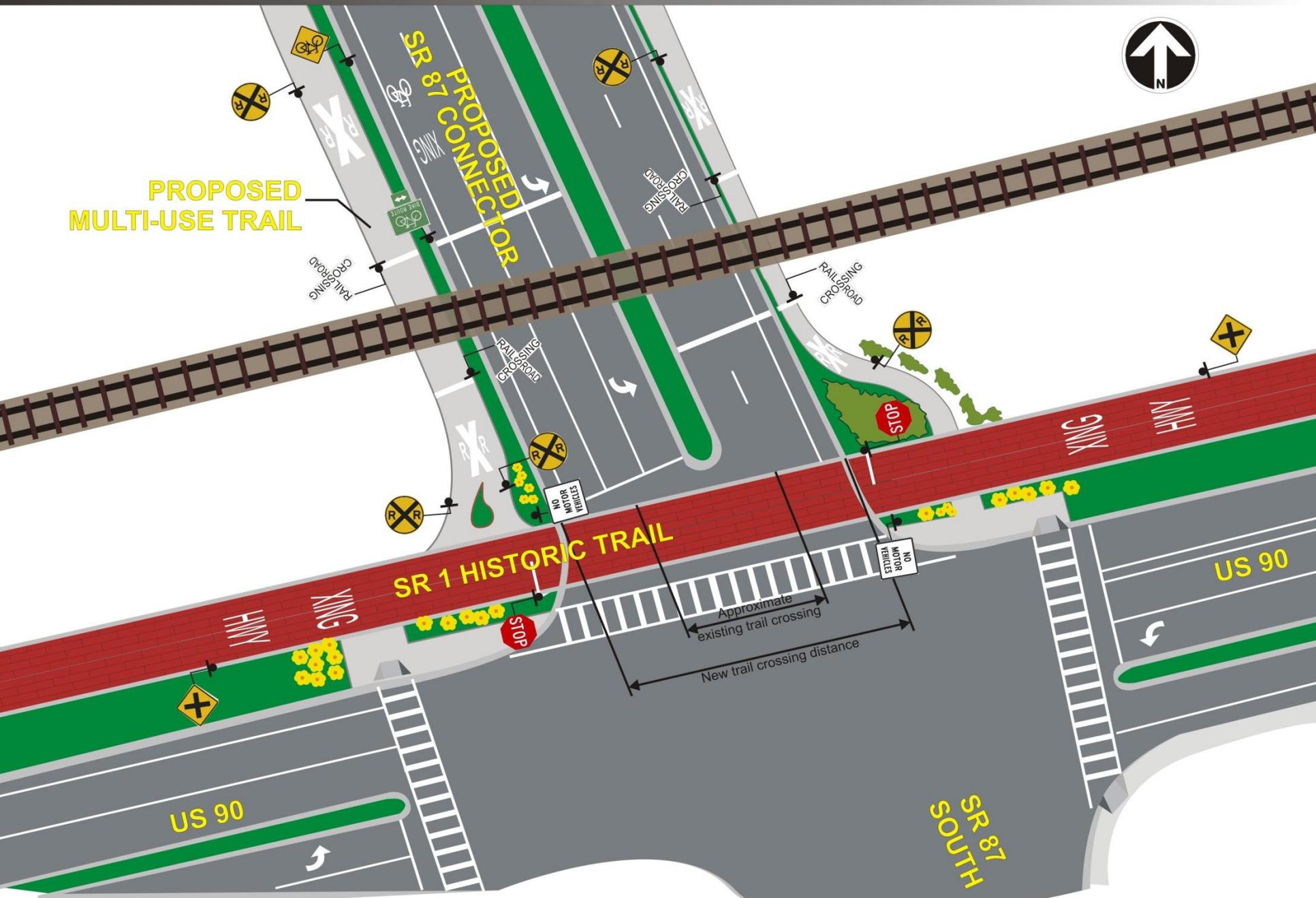


Reticulated Flatwoods Salamander



Gulf Sturgeon

OLD STATE ROAD (SR) 1 TRAIL CROSSING





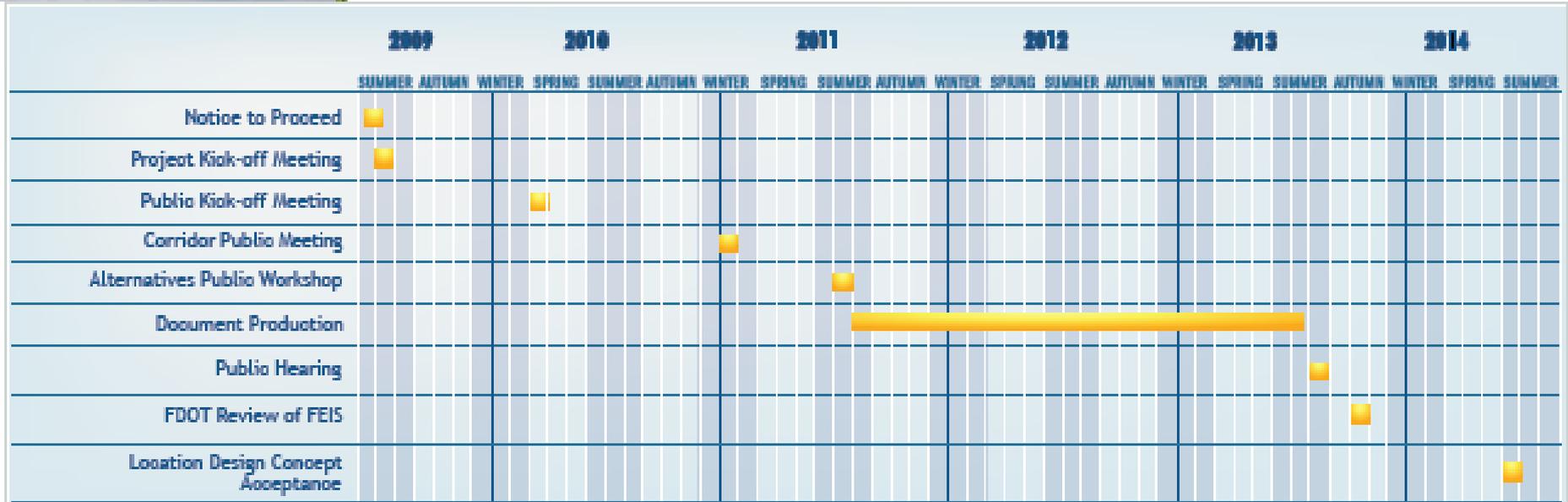
SR 87 Connector at Blackwater Heritage State Trail





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Project Time-Line





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Closing

We will be happy to answer any questions

We appreciate your input

THANK YOU!

