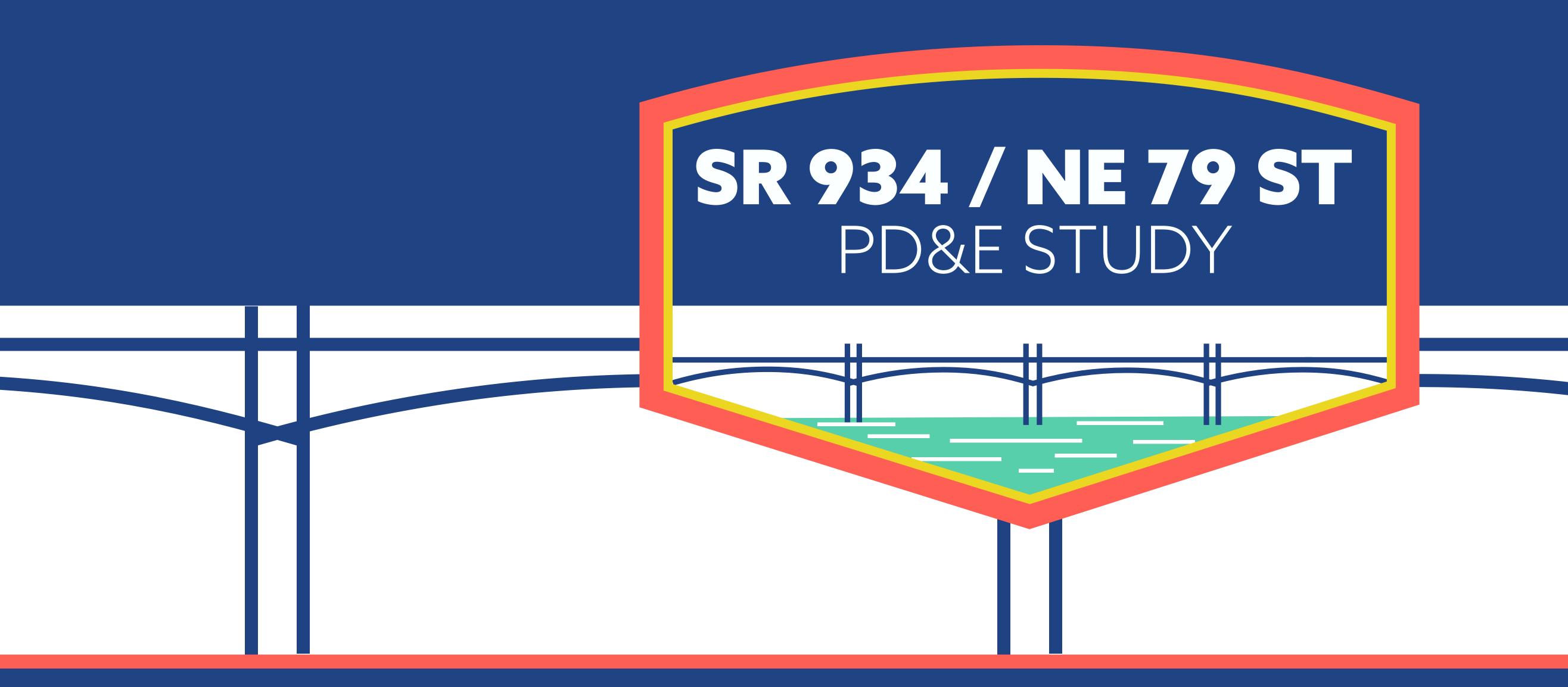
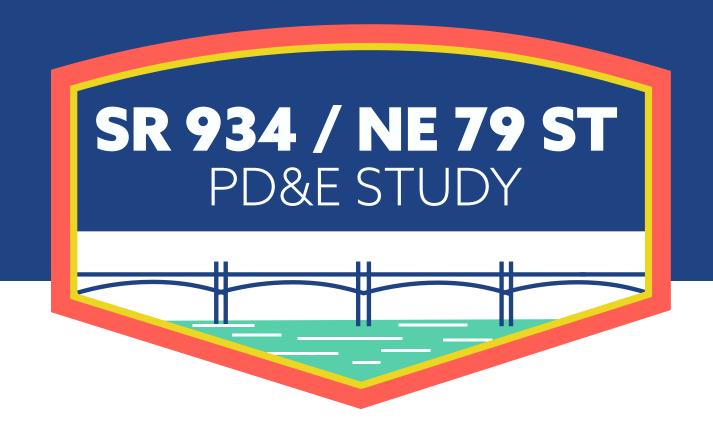
MELCOME

To the Alternatives Public Meeting for the SR 934 / NE 79 ST PD&E Study





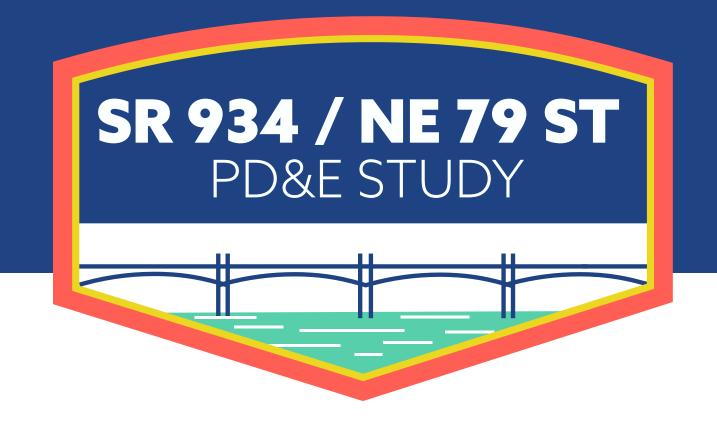
NEPA ASSIGNMENT STATEMENT



The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried out by the Florida Department of Transportation (FDOT) pursuant to 23 U.S.C § 327 and a Memorandum of Understanding dated May 26, 2022, and executed by the Federal Highway Administration and FDOT.



TITLE VI NON-DISCRIMINATION COMPLIANCE



Public participation at this Public Meeting is encouraged and solicited without regard to race, color, national origin, age, sex, religion, disability, or family status.

Persons wishing to express any concerns about Title VI may do so by contacting either:

Florida Department of Transportation
District Six Office
District Six Title VI Coordinator

Tish Burgher

1000 NW 111th Avenue
Miami, Florida 33172

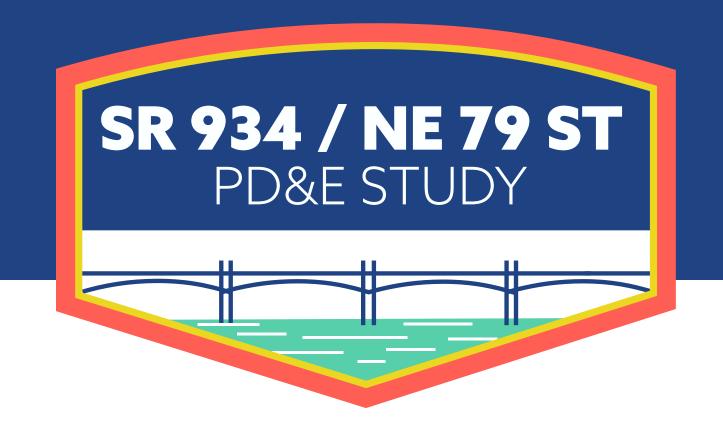
Tish.Burgher@dot.state.fl.us

(305) 470-5277

Florida Department of Transportation
Tallahassee Office
State Title VI Coordinator
Stefan Kulakowski
605 Suwannee Street
Tallahassee, Florida 32399
Stefan.Kulakowski@dot.state.fl.us
(850) 414-4742



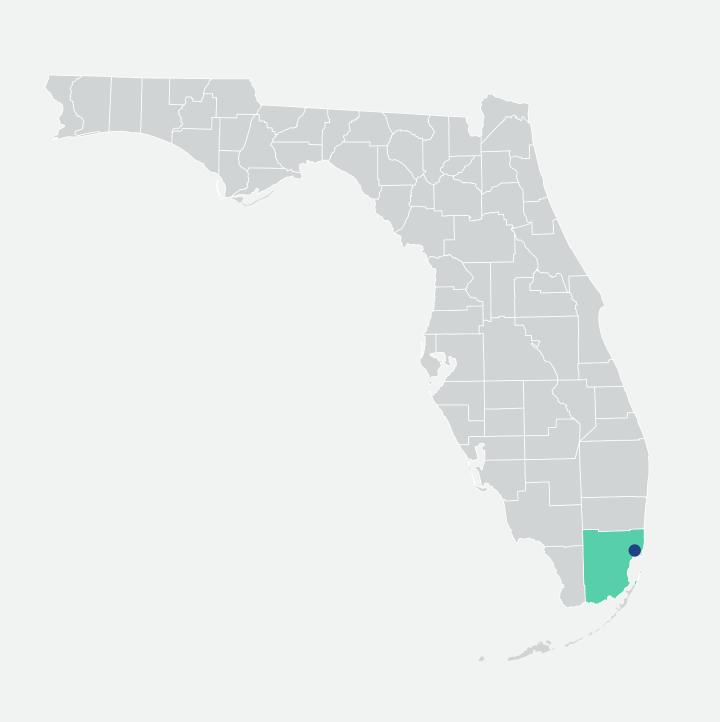
PROJECT LOCATION



NE 79th Street (SR 934)

From West of Pelican Harbor Drive to East of Adventure Avenue

Miami-Dade County, Florida







WHAT IS A PD&E STUDY?

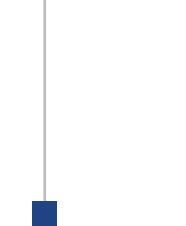
A Project Development & Environment (PD&E) Study is a process to analyze a transportation project.

It consists of 3 elements:



Engineering

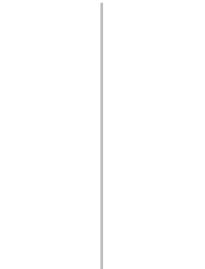
Identify potential design solutions





Environmental

Evaluate potential impacts to the social, cultural, natural, and physical environments



Public Involvement

Seek public input

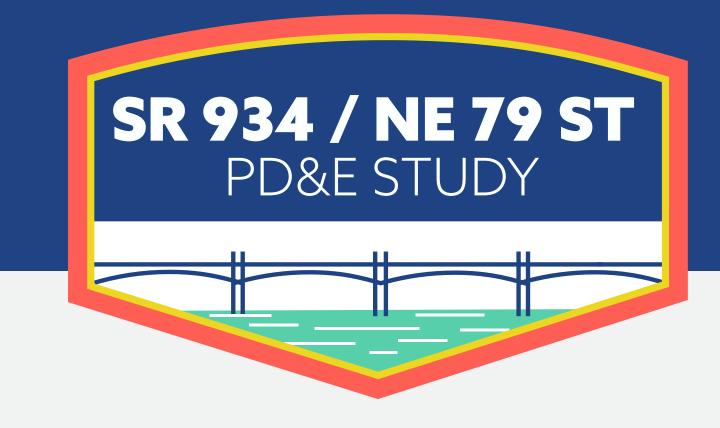
The PD&E Process is followed by FDOT

To evaluate:

- Engineering Alternatives
- Environmental Impacts

To comply with:

- National Environmental Policy Act (NEPA)
- Federal and State environmental laws
- Requirements involving federal funding

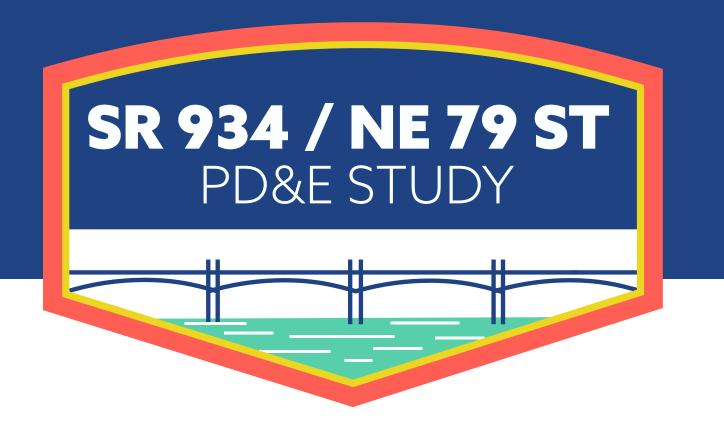






HERE

PD&E STUDY PROCESS



Project Kickoff Meeting November 29, 2022

Alternatives Public Meeting

October 2, and 5, 2023



1

Data Collection

- EngineeringData
- Environmental
 Data
- Other Data

Preliminary Concept Alternatives

- Needs Analysis
- Concept
 Alternatives
 Development

3

Environmental & Engineering Analysis

- Engineering Analysis & Studies
- Environmental Analysis & Studies
- Concept Alternatives Screening

Alternatives Refinement

Alternatives
 Refinement
 and Screening

Final PD&E

Documents

- Preliminary Engineering Report
- NEPA
 Document
- FDOT Review and Approval of Final Documents

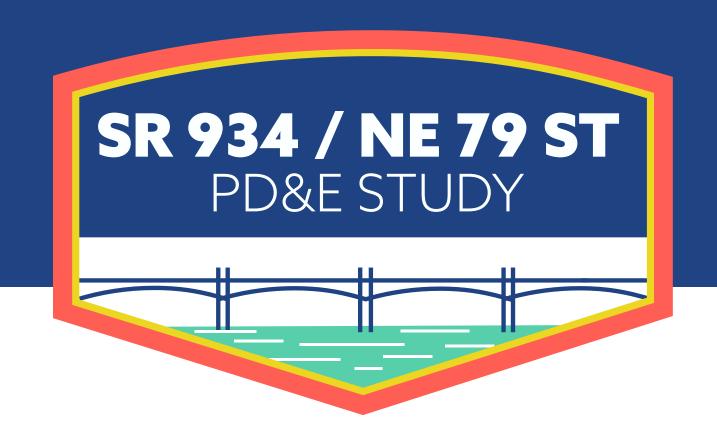
LOCATION
AND DESIGN
CONCEPT
ACCEPTANCE
(LDCA)

PROJECT
ADVANCES TO
THE DESIGN
PHASE

OPPORTUNITY FOR PUBLIC ENGAGEMENT



PROJECT OVERVIEW



Bridges constructed in the early 1970s

4 total bridges

(Project consists of bridges west and east of Harbor Island)

Recent rehabilitation efforts:

2004 and 2010
Structural Repairs

2015

Traffic and Pedestrian Railing

A

As of November 2020, the bridge inspection reports indicate the bridges are candidates for repair or replacement.

What is the purpose of the study?

Evaluate bridge replacement alternatives to address the structural deficiencies of four existing bridges (two bridge pairs)

Why is the project needed?



Address
Bridge
Deficiencies



Maintain
Emergency
Evacuation



EXISTING/PROPOSED BRIDGE TYPICALS

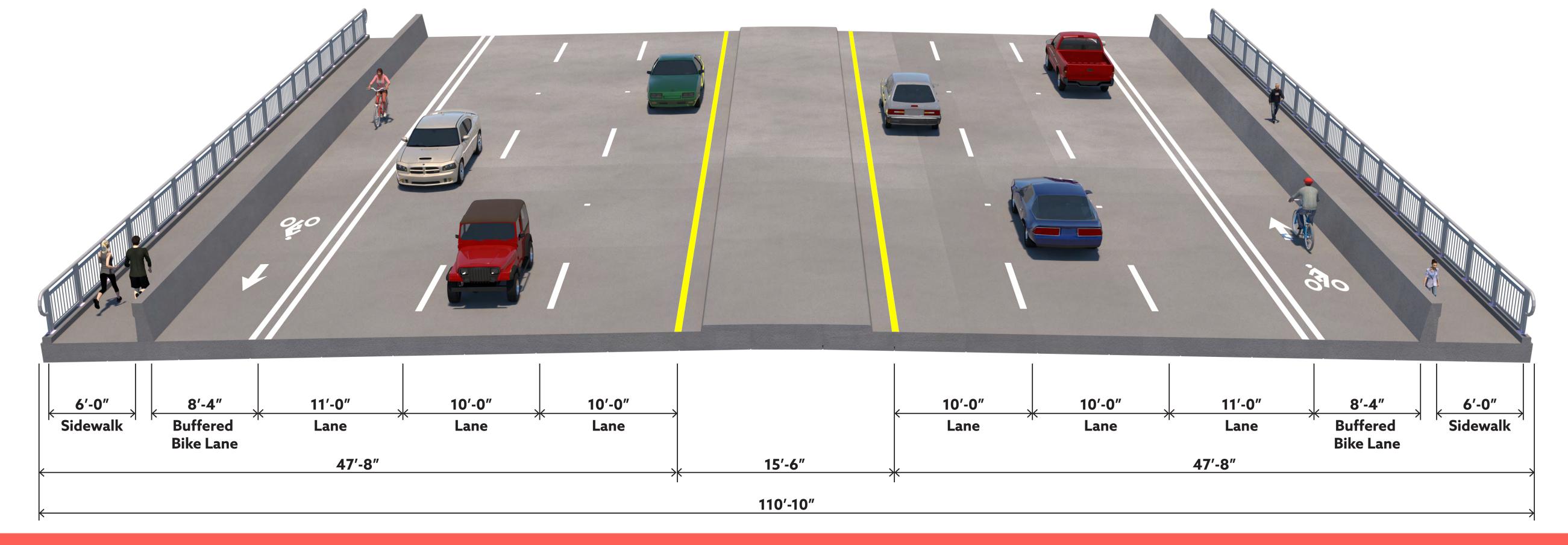
SR 934 / NE 79 ST PD&E STUDY

Bridges West of Harbor Island

EXISTING

13'-5" 11'-0" 11'-0" 11'-0" 13'-5" 5'-0" 11'-0" Lane Sidewalk Sidewalk Lane Lane Lane Lane 42'-10.5" 42'-10.5" 15'-6" 101'-3"

PROPOSED





EXISTING/PROPOSED BRIDGE TYPICALS

47'-8"

SR 934 / NE 79 ST PD&E STUDY

Bridges East of Harbor Island

EXISTING

5′-6″ 5′-6″ 10'-0" 10'-0" 10'-0" 10'-0" 10'-0" 4'-5" 10'-0" Bike Lane Lane Lane Lane 42'-10.5" 42'-10.5" 15'-6" 101'-3"

8'-4" 11'-0" 10'-0" 10'-0" 10'-0" 10'-0" 11'-0" 6'-0" 8'-4" 6'-0" **Buffered** Sidewalk **Buffered** Sidewalk Lane Lane Lane Lane Lane Lane Bike Lane **Bike Lane**

15'-6"

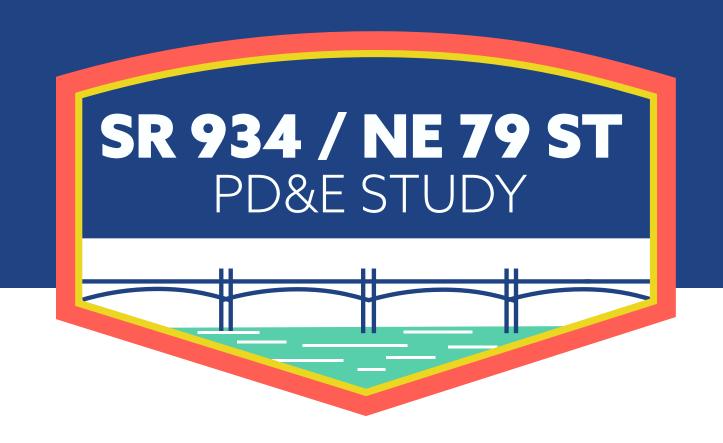
110'-10"

PROPOSED



47'-8"

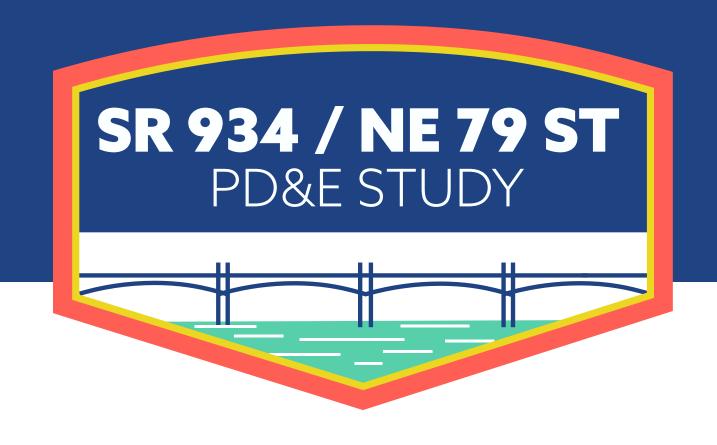
EVALUATION MATRIX



		BRIDGE REPLACEMENT ALTERNATIVES				
EVALUATION FACTORS	NO-BUILD ALTERNATIVE	ALTERNATIVE 2A (LOW BRIDGE PROFILE)	ALTERNATIVE 2B (RAISED BRIDGE PROFILE)			
PLANNING & STANDARDS						
Meets FDOT Standards for Roadway and Bridge	No	No	Yes			
BRIDGE						
Estimated Service Life	5 - 10 years	75 years	75 years			
Increase in Bridge Vertical Clearance	No	No	Yes			
Meets Sea Level Rise Requirements	No	No	Yes			
Driveway/Access Reconstruction (number)	0	0	5			
Retaining Wall Required (length in feet)	0	0	1,325			
COSTS						
Estimated Construction Cost (\$ million)	\$0	\$40M - \$50M	\$50M - \$60M			
ENVIRONMENTAL						
Potential Section 4(f) Impacts	None	Temporary construction phase impacts to Pelican Harbor Park				
Wetland Impacts	None	Minimal impacts (0.056 acres) to mangroves/buttonwood				



ENVIRONMENTAL CONSTRAINTS







- Aquatic Preserve / Outstanding Florida Water (OFW)
- U. S. Fish & Wildlife Service (USFWS) Consultation Areas -Manatee
- Critical Habitat Manatee
- Essential Fish Habitat
- Corals, Seagrass, Mangroves

Physical Resources

- Water Quality
- Noise
- Contamination



Social Resources

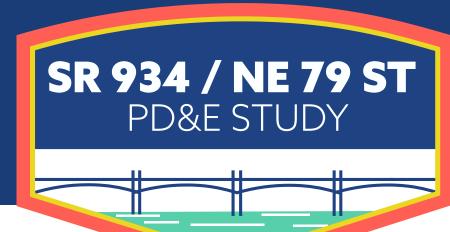
- Limited-English Proficiency (LEP) and Minority
- Pelican Harbor Park
- Florida Department of Environmental Protection (FDEP) Environmental Center



- Historic Sites
- Archaeology
- Recreational Facilities and Protected Lands



CONSTRUCTION PHASES



EXISTING

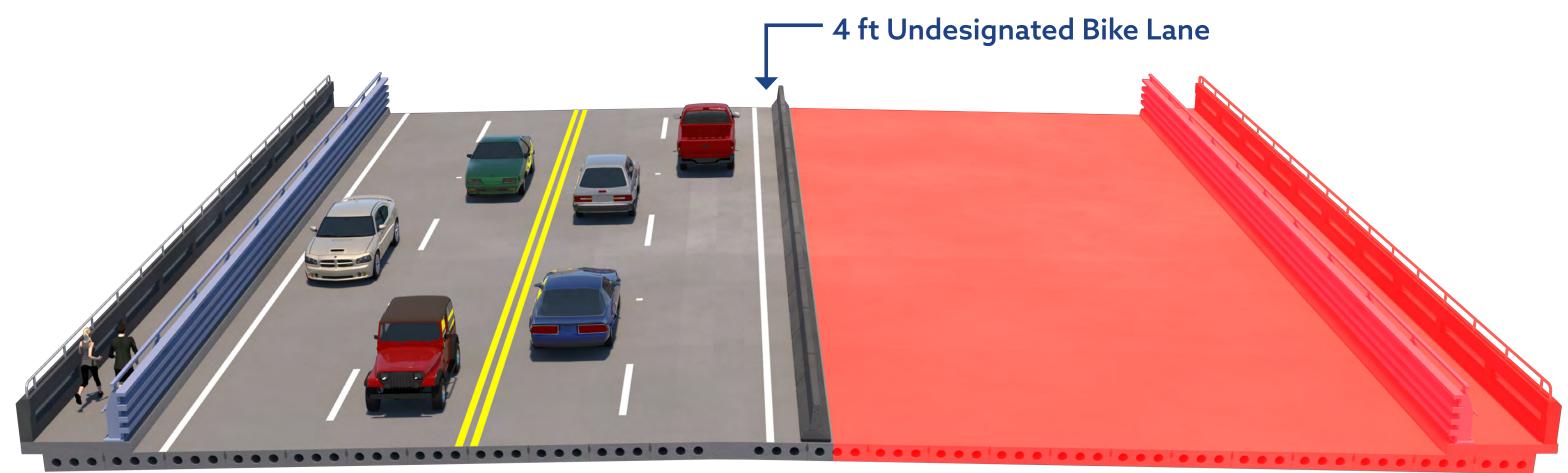


PHASE
1



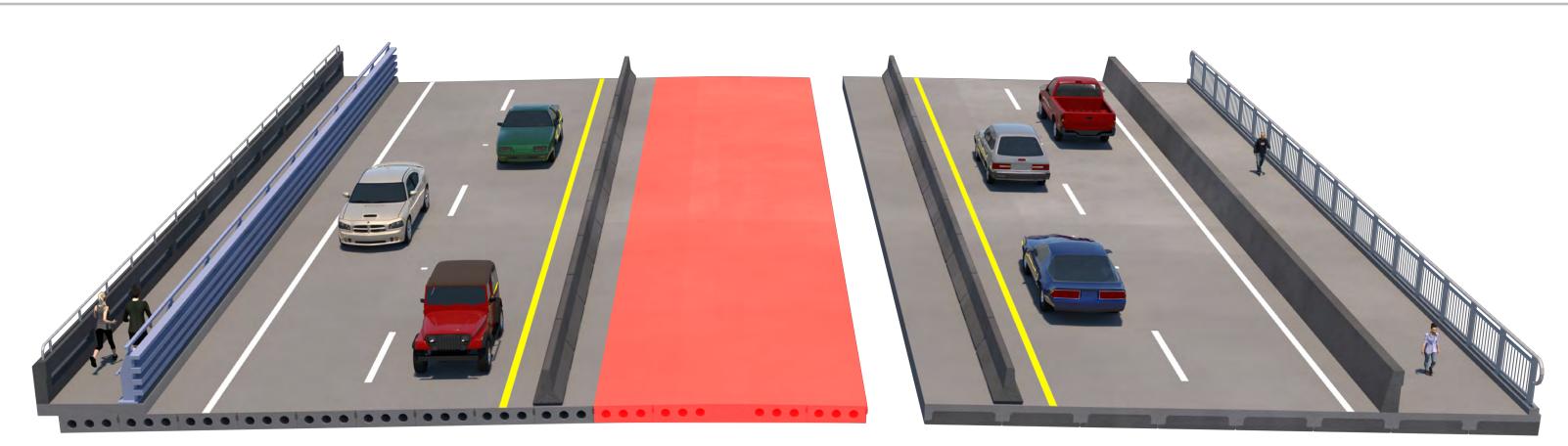
Remove the existing median and "close" the gap between bridges to allow a shift in traffic during future construction phases.

PHASE 2



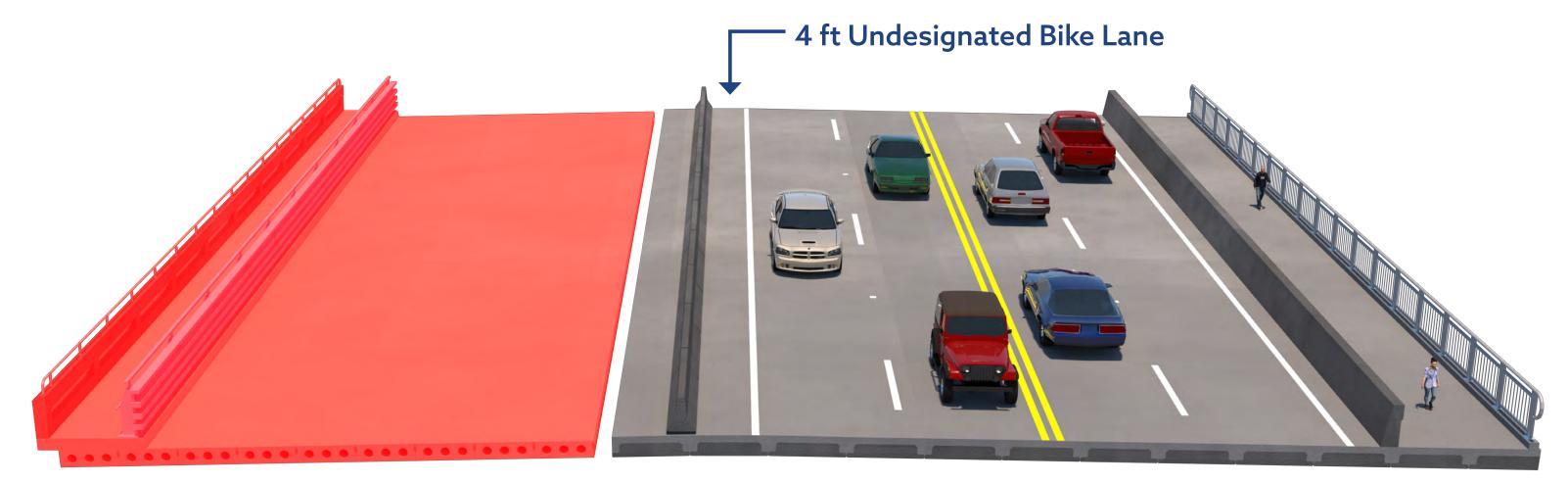
Reduce the number of lanes from 3 to 2 in each direction and shift all traffic to the westbound lanes. Demolish a portion of the existing bridge and construct a new bridge.

PHASE
3



Shift lanes to a split configuration and demolish the middle portion of the existing bridge and construct a new bridge.

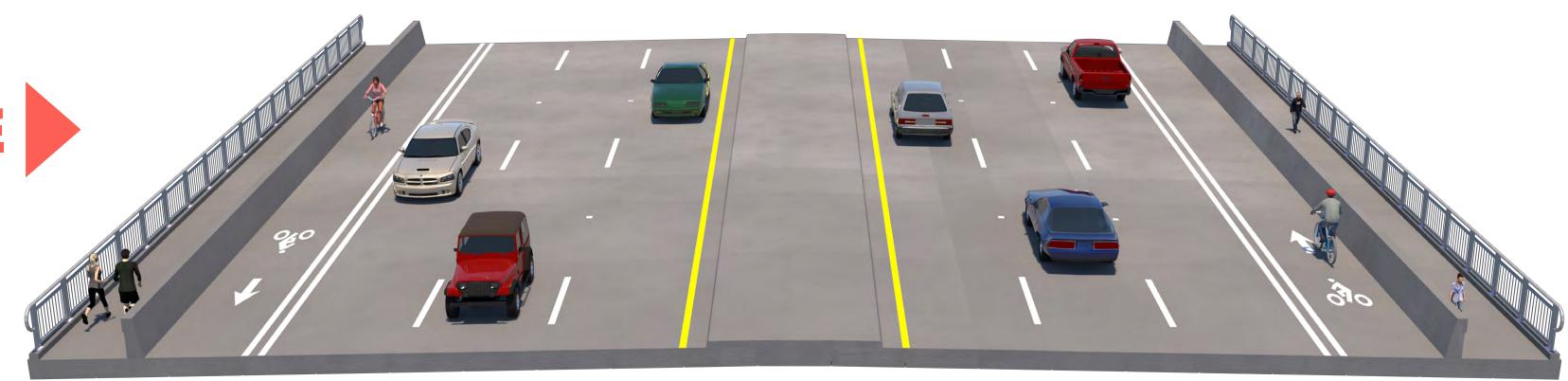
PHASE
4



Shift all traffic to the new bridge.

Demolish a portion of the existing bridge and construct a new bridge.

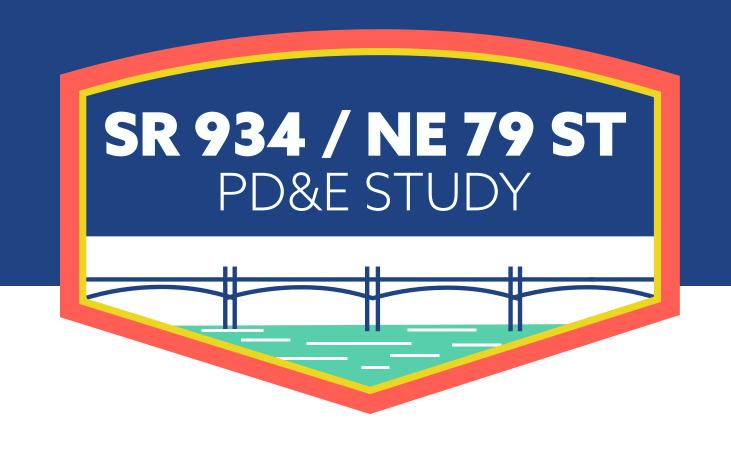
COMPLETE



*Subject to change



SCHEDULE



DDC	TIECT	EGT		
L U	DJECT	LEJ I	UIN	

Begin PD&E Study

Data Collection

Public Kickoff Meeting

Develop and Evaluate Alternatives

Environmental Analysis

Refine Alternatives

Alternatives Public Meeting

Prepare PD&E Study Reports

Public Hearing

Finalize Type 2 CE & Reports

FDOT Reviews / Approves Reports

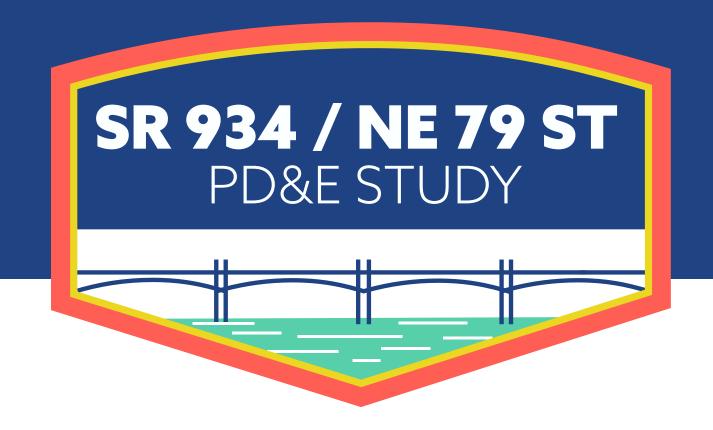
Study Complete

2022				2023			2024				
JAN - MAR	APR - JUN	JUL - SEP	OCT - DEC	JAN - MAR	APR - JUN	JUL - SEP	OCT - DEC	JAN - MAR	APR - JUN	JUL - SEP	OCT - DEC
								WE ARE HERE			

*Schedule is Subject to Change



CONTACTINFORMATION



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