

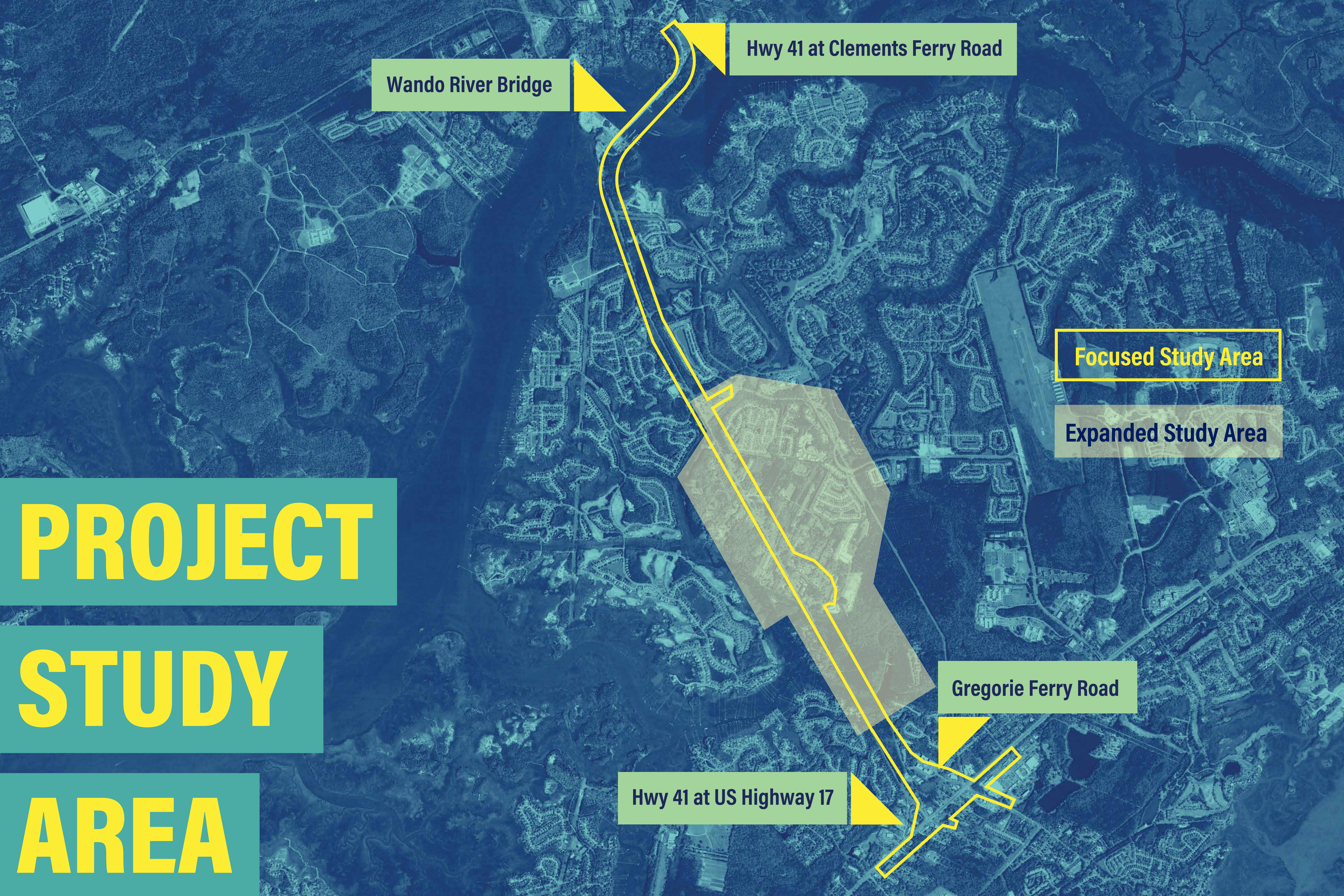
# WELCOME TO THE PUBLIC INFORMATION OPEN HOUSE!



The purpose of today's meeting is to:

- Introduce the Highway 41 Corridor Improvements project, discuss the environmental review process, and present next steps.
- Conduct scoping: take your feedback and define the focus of the study.
- Answer questions and gather public input.





Wando River Bridge

Hwy 41 at Clements Ferry Road

Focused Study Area

Expanded Study Area

PROJECT

STUDY

AREA

Gregorie Ferry Road

Hwy 41 at US Highway 17



# PROJECT GOALS



Improved capacity  
along the corridor.



The completion of the  
Gregorie Ferry Road  
connector.



Improved safety for bicyclists,  
pedestrians and commuters.



Improved capacity at  
the intersection of  
Highway 41 and Highway 17.

# PROJECT PHASES

**WE ARE HERE!**

## PHASE 1

- Introduction of the Project Letter of Intent
- Traffic Analysis and Field Data Collection
- Development of Conceptual Alternatives
- Determine NEPA Class of Action

## PHASE 2

- Environmental Assessment or Impact Statement & Completion of NEPA process
- Perform preliminary alternatives
- Conduct alternatives analysis
- Identify proposed alternative(s)

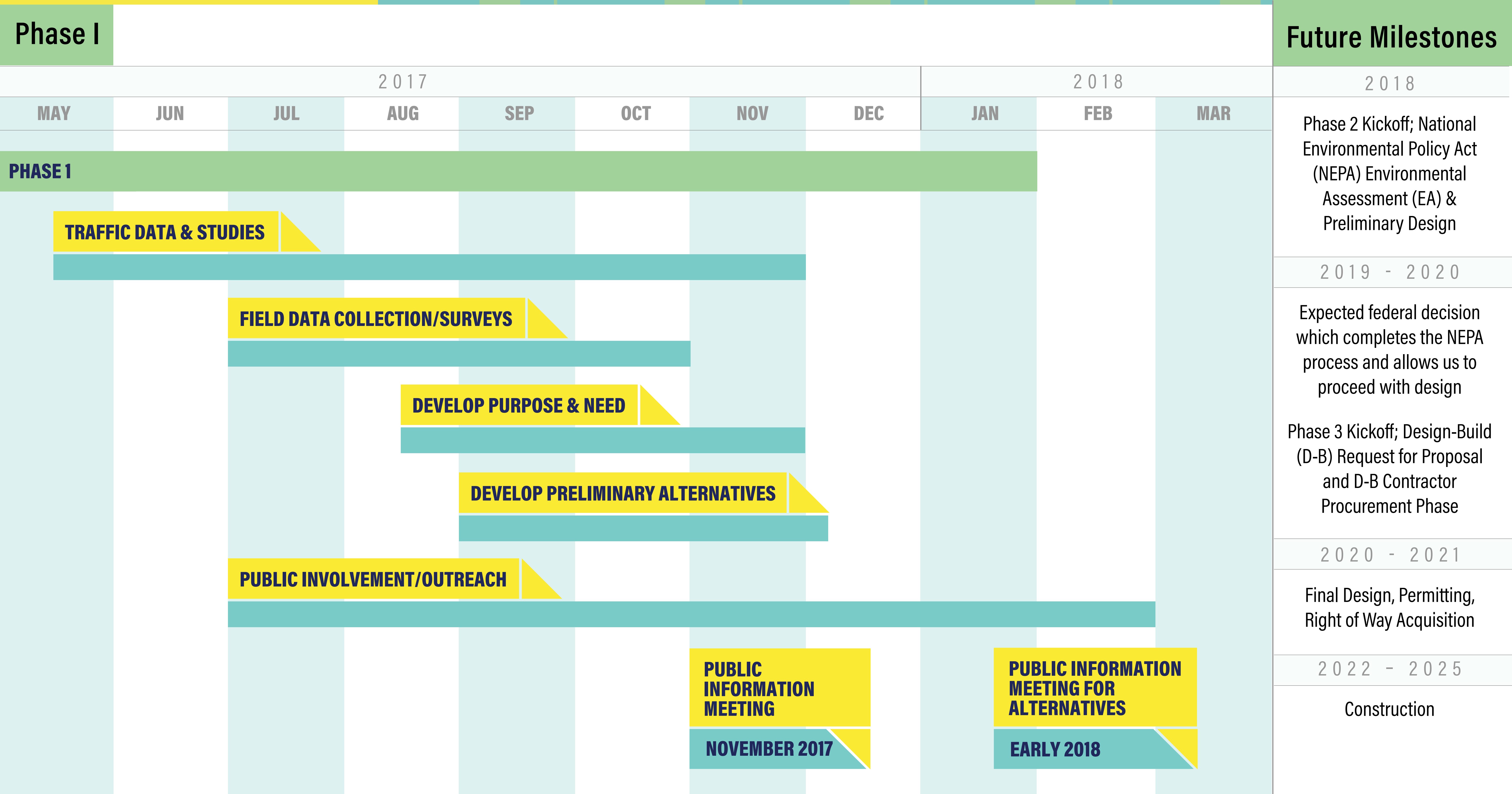
## PHASE 3

- Final Design and Permitting
- Procurement

## PHASE 4

- Construction

# PROJECT SCHEDULE



# NATIONAL ENVIRONMENTAL POLICY ACT (NEPA)

WE ARE HERE!

## STEP 1

### Initiate the Environmental Process

- Develop purpose and need
- Collect baseline data
- Conduct agency and public scoping meetings
- Begin developing alternatives

WE ARE HERE!

## STEP 2

### Collect Data

- Analyze existing conditions
- Identify needed studies
- Begin preparation of the environmental report

## STEP 4

### Publish Draft Environmental Document

- Release Draft environmental report
- Conduct public meetings
- Hold public comment period
- Review all public/agency comments received

## STEP 3

### Analyze Alternatives

- Begin alternatives analysis
- Analyze the environmental impacts of alternatives

## STEP 5

### Publish Final Environmental Document

- Review and develop responses to comments on the Draft environmental report
- Prepare Final environmental report addressing public/agency comments
- Hold public hearing

## STEP 6

### Make Decision

- Prepare and publish federal decision

A NEPA document is required for all projects requiring a federal action to:

- Provide for an informed decision-making process
- Include partners in the process
- Consider a wide variety of factors



# PROJECT DEVELOPMENT

As part of the National Environmental Policy Act (NEPA) process, an extensive environmental review must take place before a project requiring a federal action can be designed and constructed.

## Factors examined in the environmental review:

- |  |   |   |   |
|--|---|---|---|
|  AIR QUALITY                                |  CONSTRUCTION FEASIBILITY   |  FLOODPLAINS                 |  RESIDENTIAL AREAS   |
|  ARCHITECTURAL/ ARCHAEOLOGICAL<br>RESOURCES |  COSTS                      |  HAZARDOUS MATERIALS         |  STATE/FEDERAL LANDS |
|  BUSINESSES                                 |  ENDANGERED SPECIES         |  HISTORIC/CULTURAL RESOURCES |  WETLANDS/ WATERWAYS |
|  CEMETERIES                                 |  EXISTING/PLANNED UTILITIES |  NEW/PLANNED DEVELOPMENTS    |   |
|  CHURCHES, SCHOOLS, PARKS                   |  FARMLANDS                  |  NOISE                       |   |

# SCOPING DURING THE NEPA PHASE

## Why do we do Scoping?

To take your feedback and define the focus of the study.

### Scoping is a process that:

- Involves the public and federal, state and local agencies
- Identifies issues in the environmental document
- Develops and evaluates alternatives in the development phase
- Defines the focus of the study

### Scoping identifies:

- Transportation deficiencies
- Study boundaries
- Reasonable alternatives
- Agency roles
- Environmental factors
- Permits

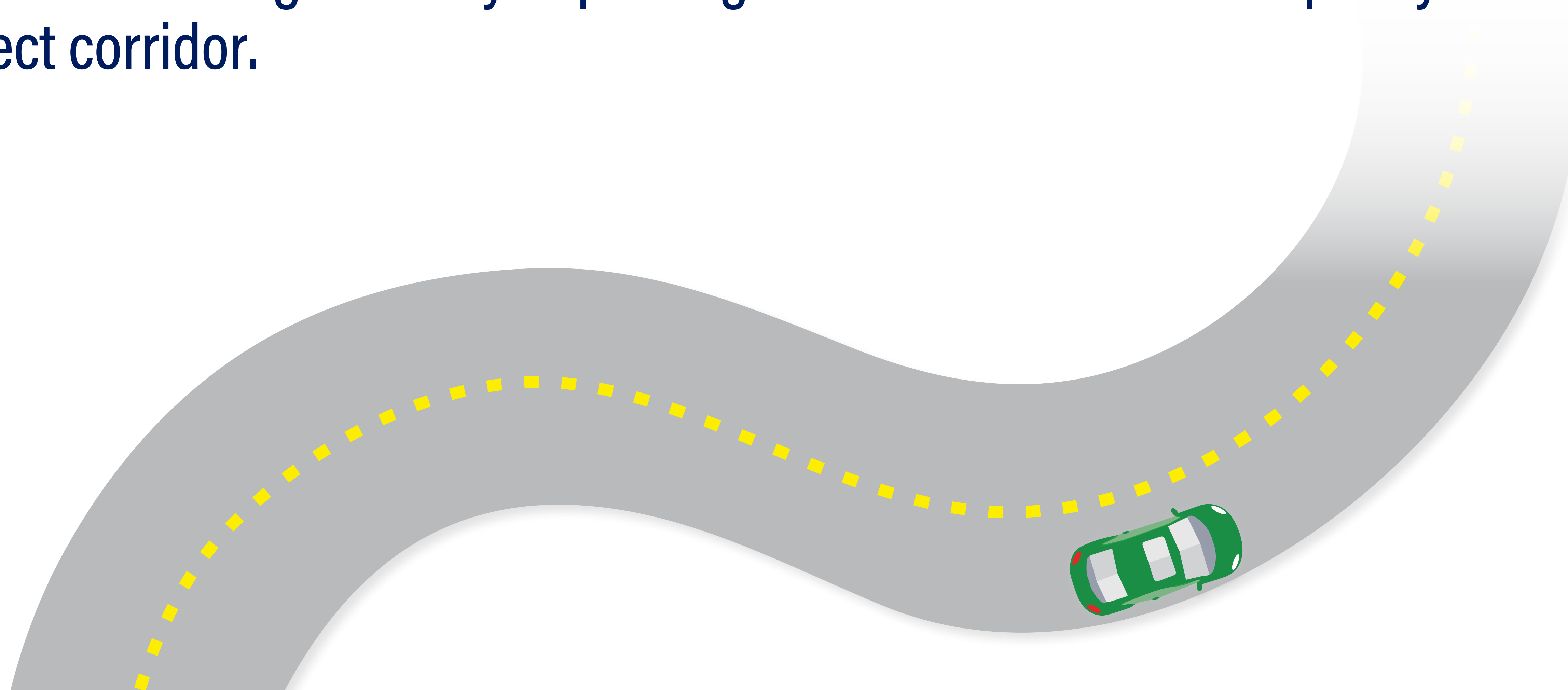


# PURPOSE & NEED

The project's Purpose and Need statement will be developed with the project team, local and federal government agencies and additional stakeholders after the scoping process to state the problem and justify the need for the project.

## **Preliminary Project Purpose & Need**

To reduce traffic congestion by improving the flow of traffic and capacity within the project corridor.





# TRAFFIC ACTIVITIES

## Current Traffic Activities

Gathering detailed growth information to include in the Charleston Area Transportation Study model:

- Highway 17 near Highway 41
- Along Highway 41 from Highway 17 to Joe Rouse Road and Bessemer Road
- Along Highway 41 from Joe Rouse Road and Bessemer Road to Clements Ferry Road
- Along Clements Ferry Road

## Future Traffic Activities

- Forecasting traffic volumes to future conditions (2045)
- Analyzing various alternatives using the Charleston Area Transportation Study model
- Analyzing alternatives for the intersection of Highway 41 and Highway 17

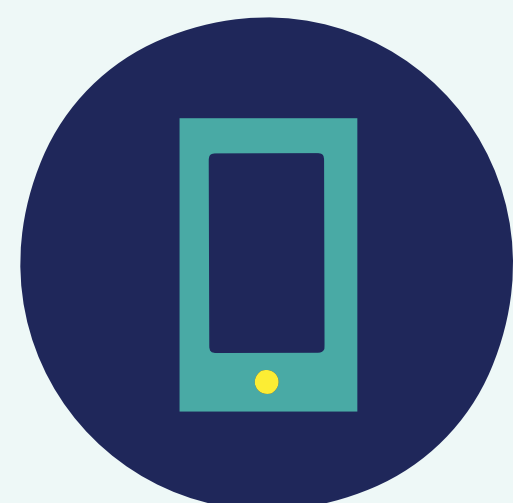


# PHILLIPS COMMUNITY: A TRADITIONAL CULTURAL PROPERTY

Traditional Cultural Properties (TCP) must be considered in federal undertakings.

The project team is documenting the Phillips Community as a TCP to assess adverse effects by:

- Interviewing community representatives
- Gathering details on community history and cultural practices
- Inventorying important places and overall TCP extent



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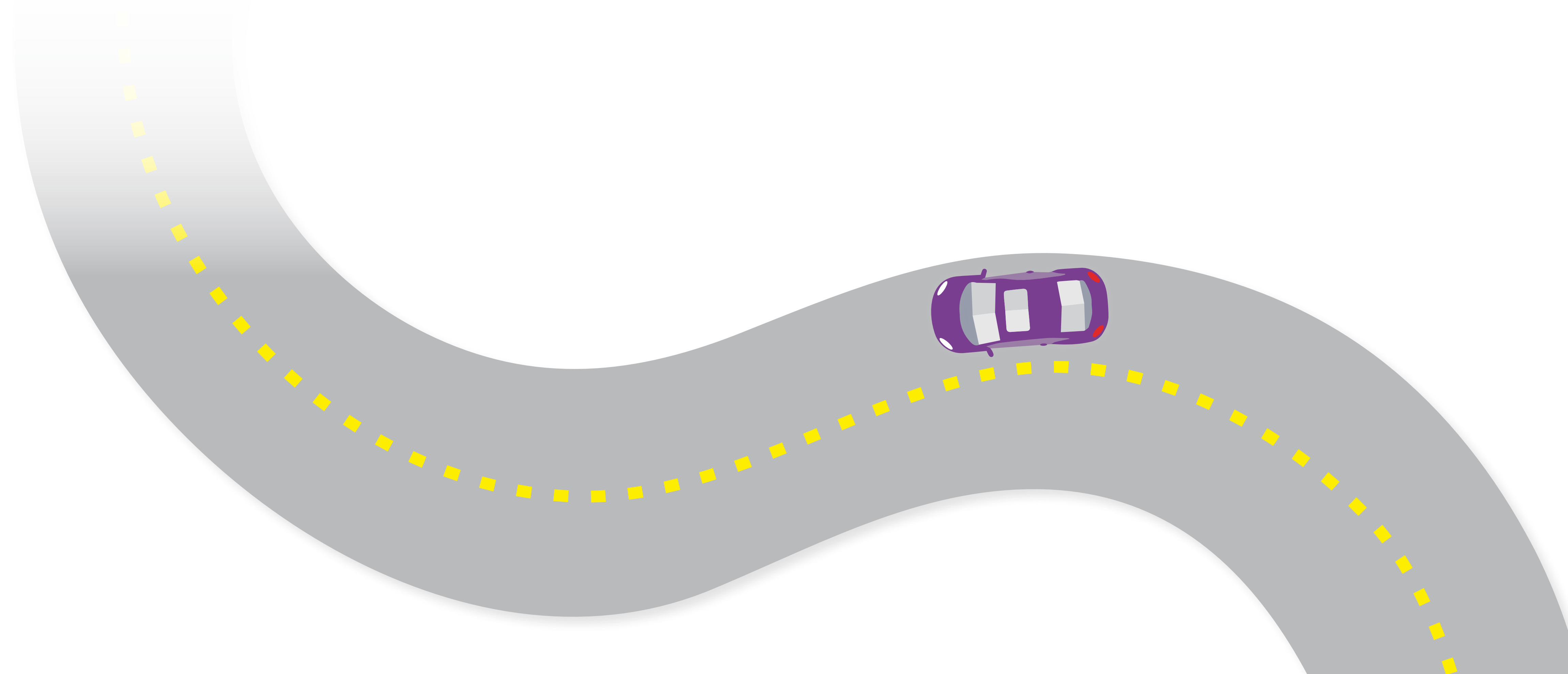
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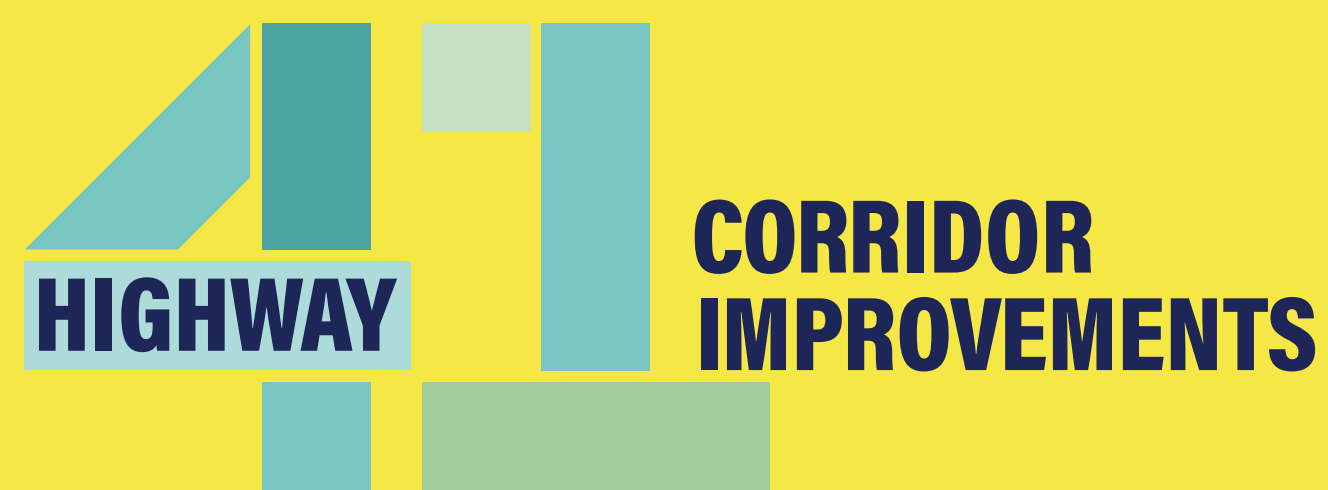
# NOISE

Noise impacts are key factors that will be evaluated during the environmental review process. Data collected will be evaluated and mitigation measures, such as noise abatement, will then be considered based on physical or environmental constraints, cost effectiveness, and the viewpoints of the local community and residents.

All considerations will be made based on SCDOT's Noise Abatement Policy.







# CONTACT US



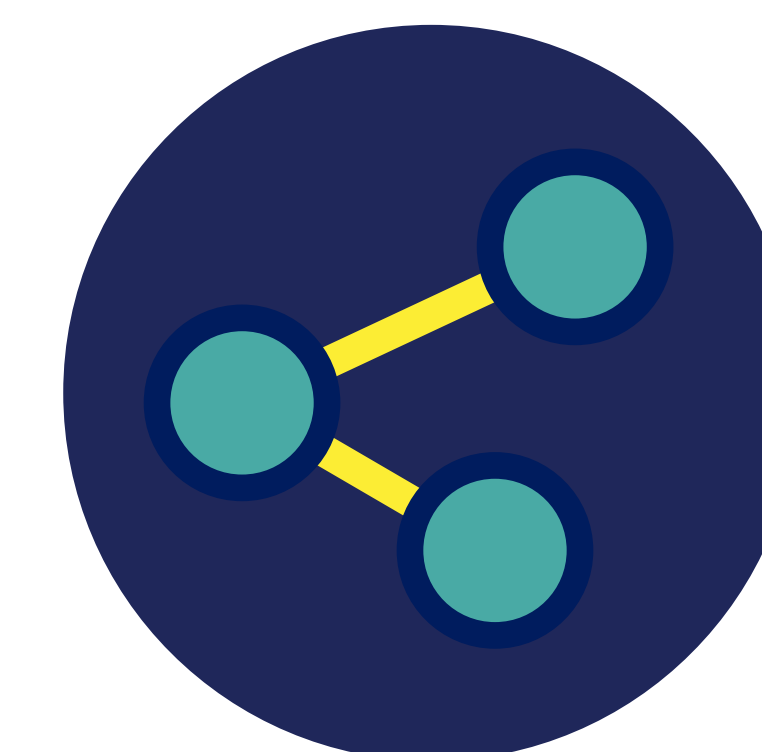
Visit: **[www.Hwy41SC.com](http://www.Hwy41SC.com)**



Leave a message for the project team: **843-972-4403**



Email us to leave comments or join the project mailing list:  
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