

# HOA Leadership & Stakeholder Meetings

March 5-6, 2019



# The goals of today's meeting are to:

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- Provide you with an update on where we are in the environmental and alternatives development process.
- Gather your input and feedback on issues and opportunities for Alternatives 1 and 7a.
- Provide information on next steps and interim improvements.

# Interim Improvements

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**Purpose:** to relieve some congestion until final project can be constructed

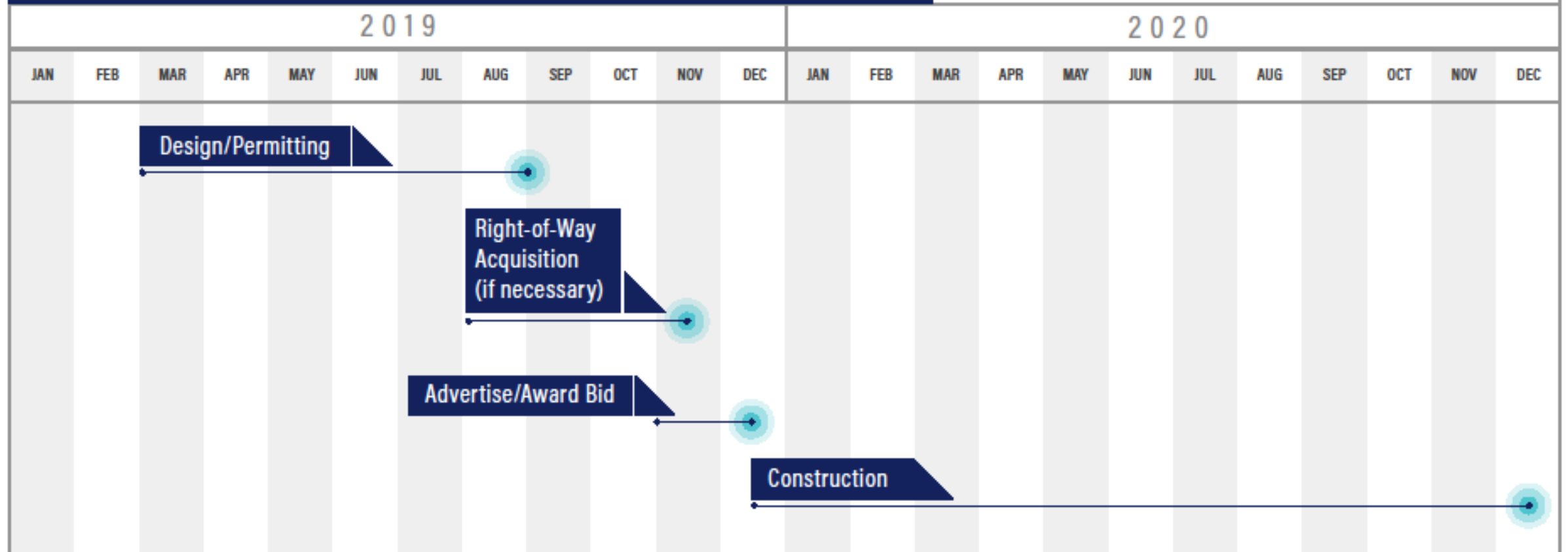
- Southbound lane on Highway 41 from Joe Rouse Road to Highway 17
- Improved signal timing at Highway 41 and Highway 17

## **Next Steps:**

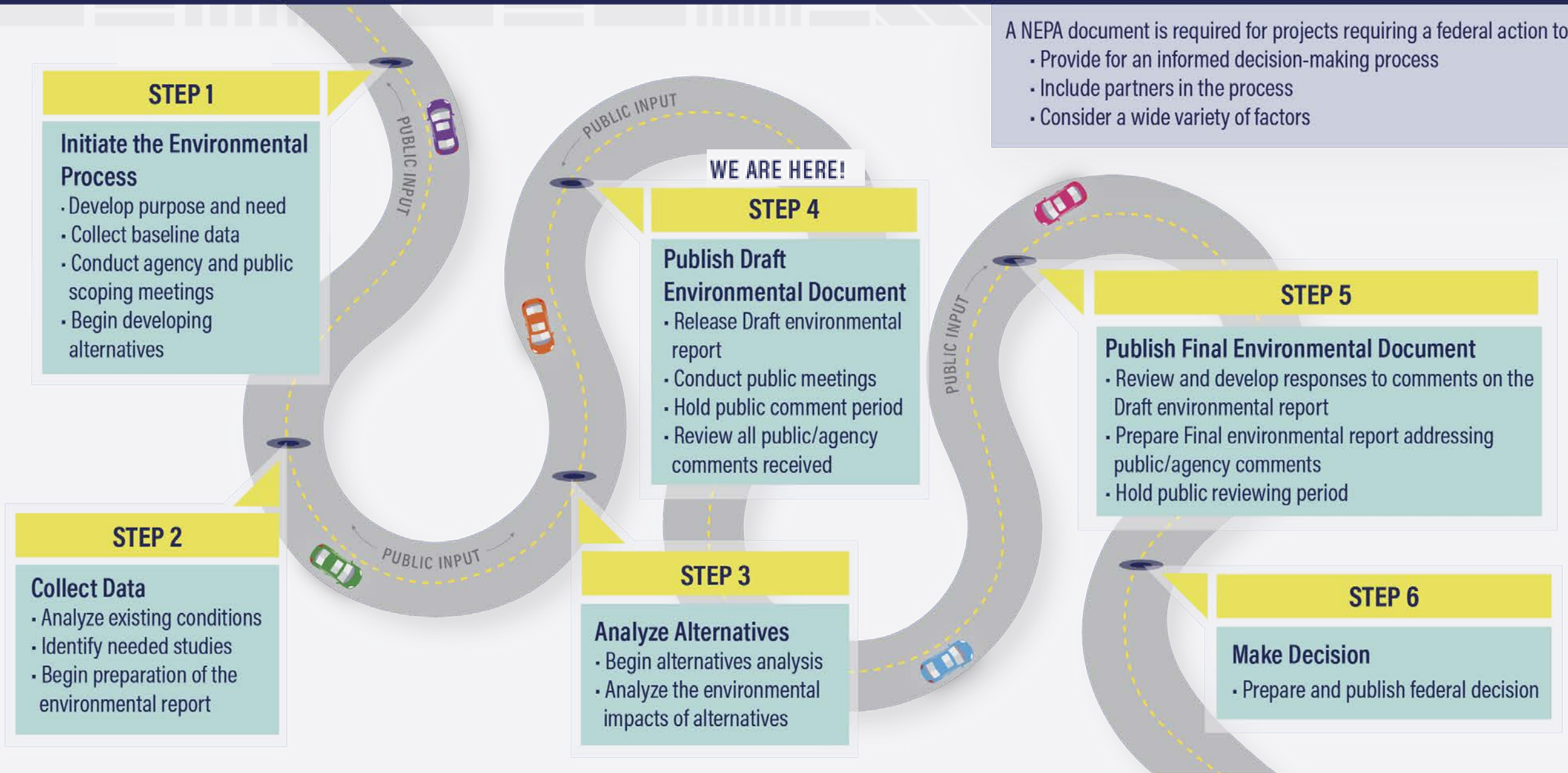
- Town of Mt. Pleasant Council has approved the first reading for funding of the design; final approval expected March 12
- Charleston County Council has given approval for staff to manage design and permitting
- County Council will consider construction funding recommendations from staff as design progresses



# Proposed Interim Improvements Project Schedule



# National Environmental Policy Act (NEPA)





# ALTERNATIVES SCREENING PROCESS

## DEVELOP RANGE OF ALTERNATIVES

Based on

- Preliminary traffic studies (CHATS model and planned developments)
- Regional planning documents
- Community and stakeholder working group meetings
- Agency input

ALTERNATIVE	1	ALTERNATIVE	7
ALTERNATIVE	2	ALTERNATIVE	8
ALTERNATIVE	3	ALTERNATIVE	9
ALTERNATIVE	4	ALTERNATIVE	10
ALTERNATIVE	5	ALTERNATIVE	11
ALTERNATIVE	6	ALTERNATIVE	12

## SCREENING 1 ➤

### IDENTIFY REASONABLE ALTERNATIVES

Eliminate and advance preliminary alternatives based on

- Ability to meet purpose and need
- Public input

ALTERNATIVE	1
ALTERNATIVE	2
ALTERNATIVE	7

## SCREENING 2 ➤

### REFINE THE LIST OF REASONABLE ALTERNATIVES

Eliminate and advance preliminary alternatives based on

- Ability to meet purpose and need
- Public input
- Refined traffic analysis

ALTERNATIVE	1
ALTERNATIVE	2
ALTERNATIVE	2A
INTRODUCED ALTERNATIVE	5A
ALTERNATIVE	7
INTRODUCED ALTERNATIVE	7A

## SCREENING 3 ➤

### FINALIZE REASONABLE ALTERNATIVES FOR ANALYSIS IN DRAFT EA

Reasonable alternatives will be refined and either eliminated or advanced based on

- Public input
- Environmental factors
- Costs
- Logistics

ALTERNATIVE	1
ALTERNATIVE	5A
ALTERNATIVE	7A

**WE ARE HERE**

## SCREENING 4

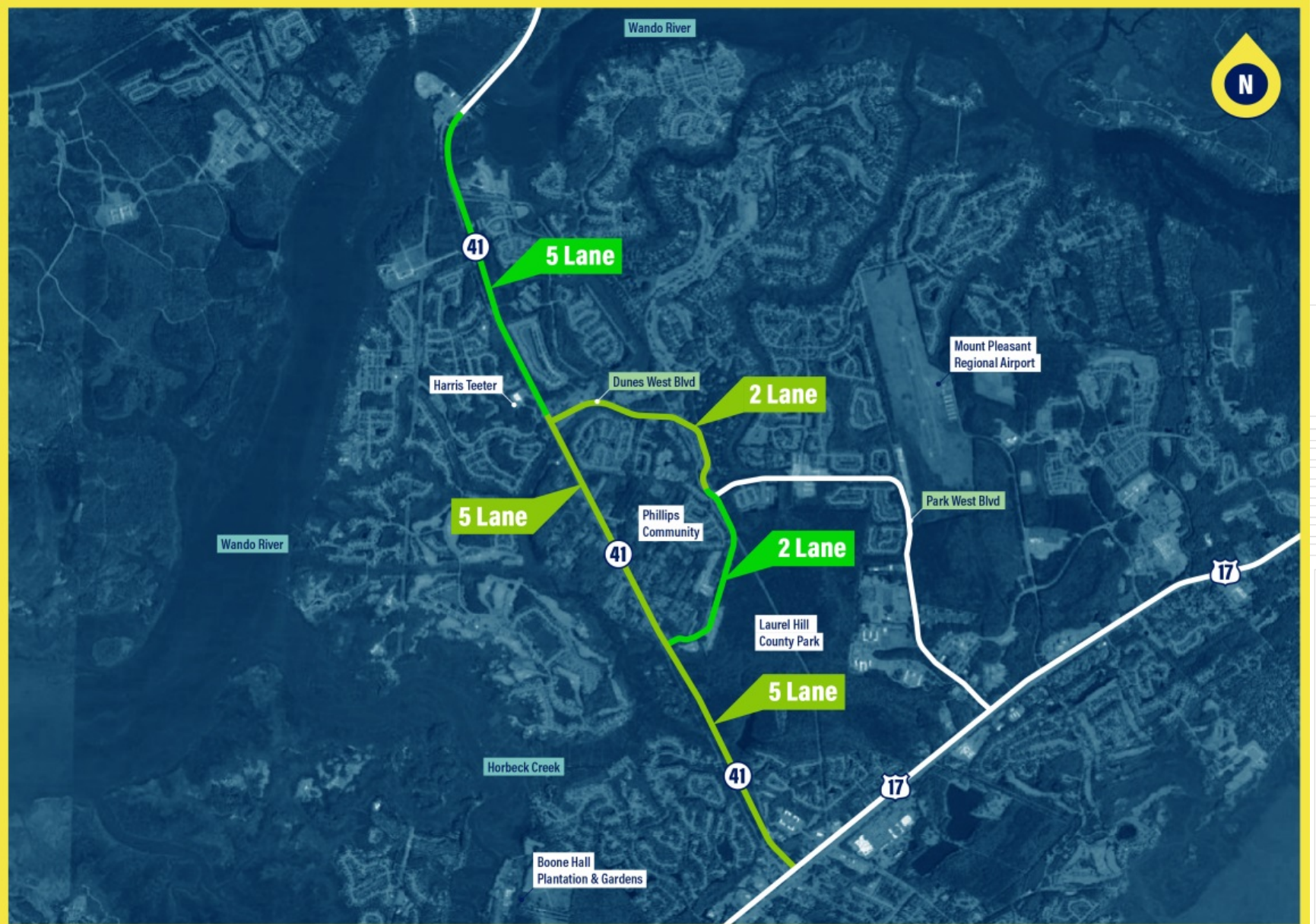
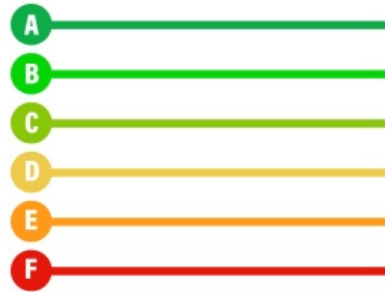
### IDENTIFY RECOMMENDED PREFERRED ALTERNATIVE

Identify a recommended preferred alternative based on

- Ability to meet the purpose and need of the project
- Public input
- Environmental factors
- Costs
- Logistics

# Alternative 1

## Level of Service (LOS)



- Alternative 1 meets the purpose and need of the project



## Alternative 7a

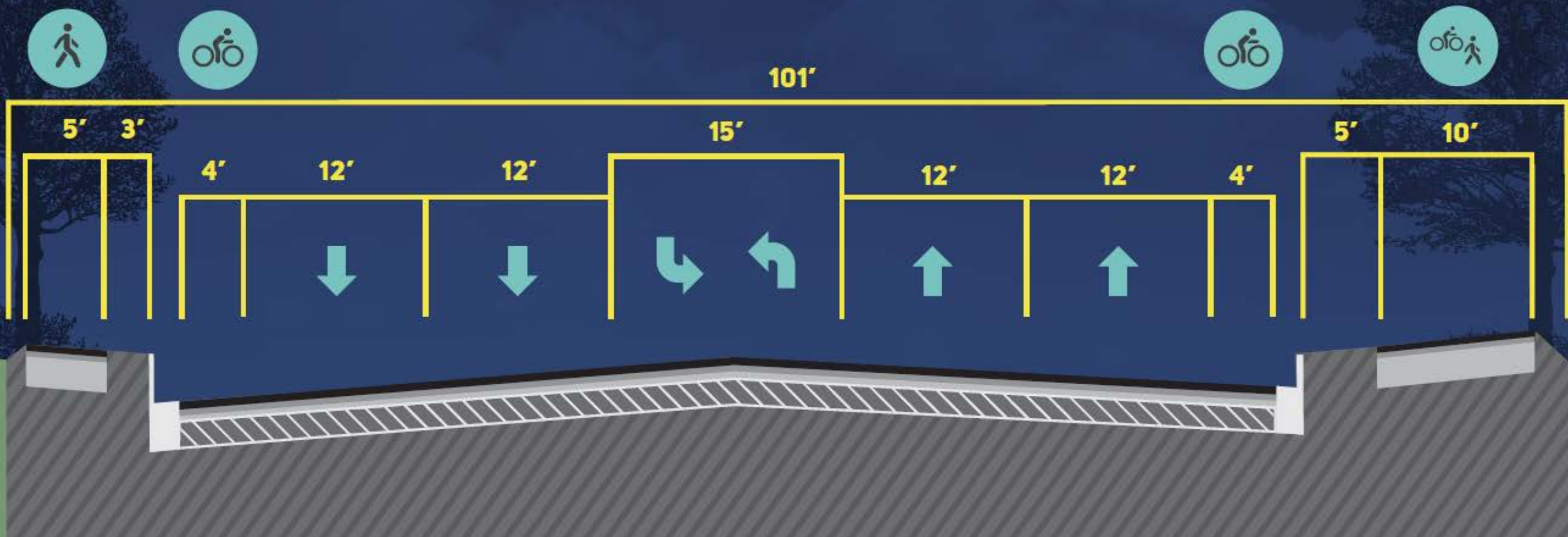
### Level of Service (LOS)



- Alternative 7a has been modified to reroute Highway 41 parallel to Bessemer Road and onto Laurel Hill County Park property, parallel to the power line easement, and then back along Dunes West Boulevard



## 5 Lane with Bike Lanes and Two Way Left Turn Lane



# Preliminary Design & Intersection Concepts

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## Alternatives

- Layout of lanes, sidewalks/multiuse path
- Traffic modeling of intersection

## Highway 41 at 17 Intersection

- Evaluation of interchange options
- Preliminary design layout of interchanges
- Preliminary traffic modeling

## What's next

- Finalize alternatives – intersection layouts, avoidance/minimization
- Finalize interchange Concepts – traffic, design, impacts minimization



# Comment Summary to Date

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**1,933** Project Comments Received

## Top Comment Themes

- **Traffic/Safety**
- **Residential Areas**
- **Historic/Cultural Resources**
- **Property Value**
- **New/Platted Developments**
- **Noise**



# Next Steps

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- Further evaluate
  - Alternative 1
  - Alternative 7a
  - Intersection design options
- Public Meeting on the recommended preferred alternative, August 2019
- Draft Environmental Assessment for review by USACE



# Contact Us



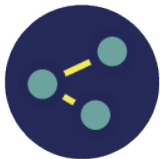
Visit: [www.Hwy41SC.com](http://www.Hwy41SC.com)



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