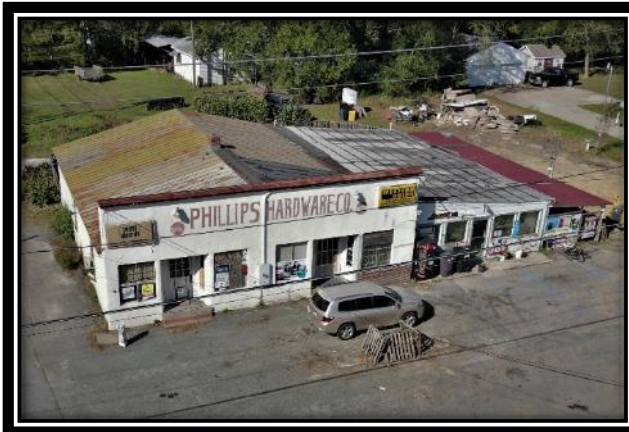


# Virtual Design Public Hearing Presentation

Meeting will begin shortly – Please standby





**Route 178 (Shields Bridge Road)  
Bridge Replacement Project  
December 10, 2020 5:30 p.m.**

# Virtual Design Public Hearing Presentation





# Project & Engineering Team



**Nancy Marshall:**  
VDOT Project Manager



**Jamin Gordon:**  
Hampton Roads  
Communications



**Trip Phaup:**  
Design Consultant,  
Johnson, Mirmiran &  
Thompson, Inc.



**Pamela Phillips,**  
Environmental Specialist



**Mary Stephens**  
Right of Way Agent



**Queen T. Crittendon**  
Civil Rights Manager

# Virtual Design Public Hearing Agenda

- 1 • Welcome & Virtual Meeting Instructions
- 2 • Overview of Public Comment Process
- 3 • Project Overview
- 4 • Environmental, Right of Way, Utilities Overview
- 5 • Project Schedule and Next Steps
- 6 • Question & Comments
- 7 • Adjournment

# Virtual Design Public Hearing in Response to Public Health

The virtual public hearing and VDOT website provides the same information as an in-person hearing:

- ✓ Project information & diagrams
- ✓ Estimated timeline & costs
- ✓ Process for submitting comments
- ✓ Contact info

[www.VirginiaDOT.gov/Route178BridgeReplacement](http://www.VirginiaDOT.gov/Route178BridgeReplacement)

**COVID-19**  
CORONAVIRUS DISEASE

## Share Facts About COVID-19

Know the facts about coronavirus disease 2019 (COVID-19) and help stop the spread of rumors.

**FACT 1** Diseases can make anyone sick regardless of their race or ethnicity.  
People of Asian descent, including Chinese Americans, are not more likely to get COVID-19 than any other American. Help stop fear by letting people know that being of Asian descent does not increase the chance of getting or spreading COVID-19.

**FACT 2** Some people are at increased risk of getting COVID-19.  
People who have been in close contact with a person known to have COVID-19 or people who live in or have recently been in an area with ongoing spread are at an increased risk of exposure.



**FACT 3** Someone who has completed quarantine or has been released from isolation does not pose a risk of infection to other people.  
For up-to-date information, visit CDC's coronavirus disease 2019 web page.

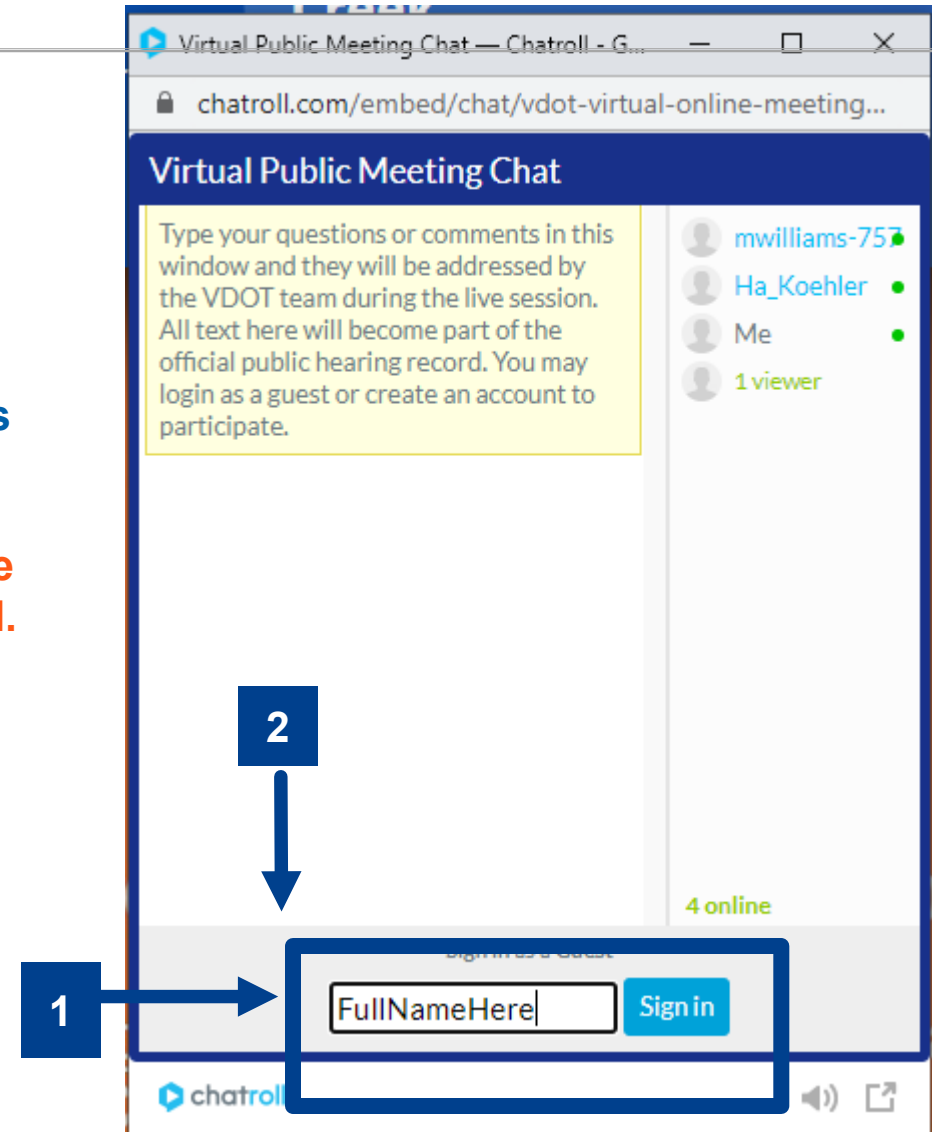
**FACT 4** You can help stop COVID-19 by knowing the signs and symptoms:  
• Fever  
• Cough  
• Shortness of breath  
Seek medical advice if you  
• Develop symptoms  
AND  
• Have been in close contact with a person known to have COVID-19 or if you live in or have recently been in an area with ongoing spread of COVID-19.

**FACT 5** There are simple things you can do to help keep yourself and others healthy.  
• Wash your hands often with soap and water for at least 20 seconds, especially after blowing your nose, coughing, or sneezing; going to the bathroom; and before eating or preparing food.  
• Avoid touching your eyes, nose, and mouth with unwashed hands.  
• Stay home when you are sick.  
• Cover your cough or sneeze with a tissue, then throw the tissue in the trash.

For more information: [www.cdc.gov/COVID19](http://www.cdc.gov/COVID19)

# Submit Your Comments Tonight

1. The chat window is visible on project page, next to presentation window. **You may participate as a guest**, supplying only your name.
2. After inputting your name, there will be a space that allows you to type your questions and comments marked **“Type a message and press enter.”** It will be read aloud and answered in the order it was received.
3. All phone participants are muted.  **To ask an oral question at the end of the meeting, “raise your hand” by dialing \*3 on your keypad.**
  - When called upon, the moderator will send your phone a prompt requesting you unmute.
  - Please state your name when it is your turn to ask a question. 
  - Dial \*3 to “lower your hand” once you have completed your questions. Repeat process if you have additional questions.
4. If you get disconnected, please attempt to rejoin the meeting.

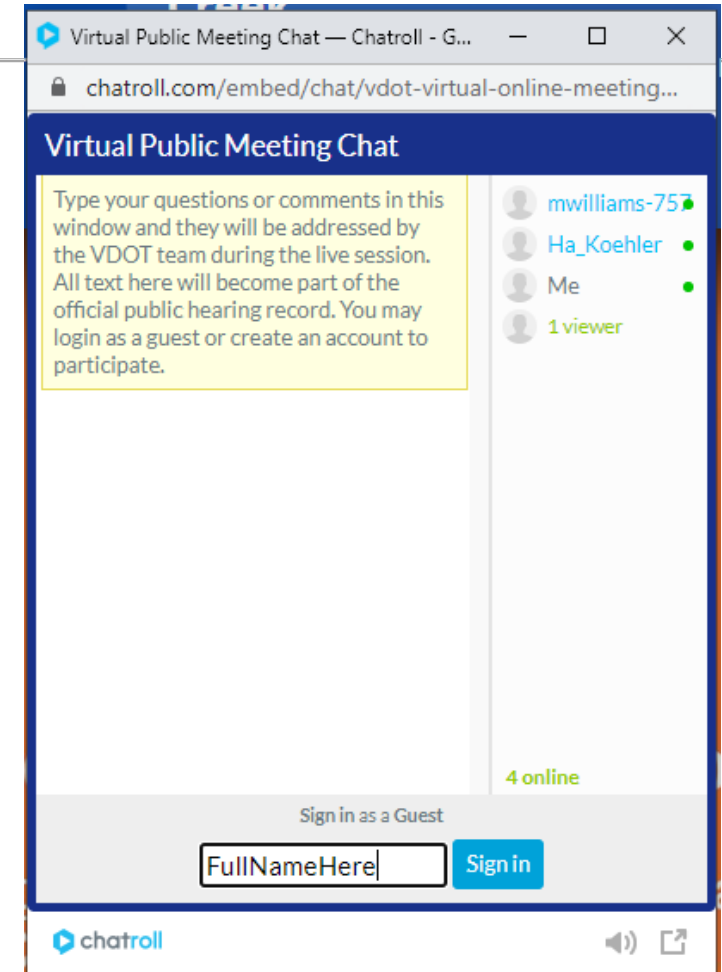


# Meeting Instructions

## Chat etiquette:

- Please be polite in your questions and comments.
- Questions and comments should be directly relevant to the project discussed tonight.
- The project team will respond to as many questions as we can after the main presentation.
- All questions will be recorded and will be addressed as part of the public hearing record.

Questions that were not able to be answered tonight can be sent using any of the additional comment methods available.



# Design Public Hearing Purpose

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- 1. Inform the public of project status and present recommendations.**
- 2. Describe the project so the public can determine how they may be affected.**
- 3. Provide the public the opportunity to provide input.**
- 4. Develop a record of public participation.**



# How to Submit Your Comments

Comments related to this design public hearing can be submitted via the following methods.

Comments must be received no later than Dec. 20, 2020.



## During Live Session

### Chat Window / Phone

Type comments directly into chat window.

Dial \*3 to raise hand on phone

## Leave a Voicemail

(757) 956-3266

## Email Project Manager

[Nancy.Marshall@VDOT.Virginia.gov](mailto:Nancy.Marshall@VDOT.Virginia.gov)

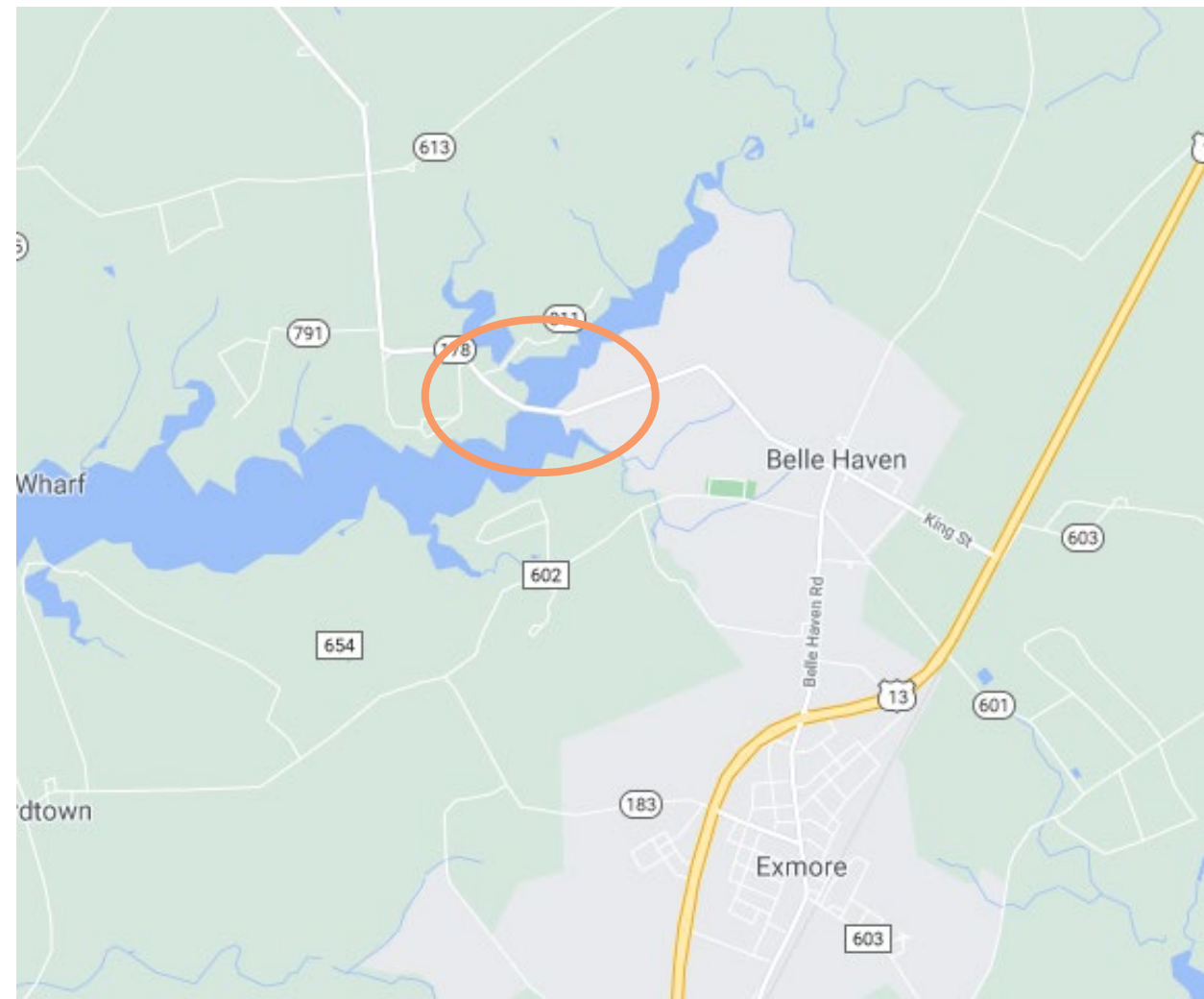
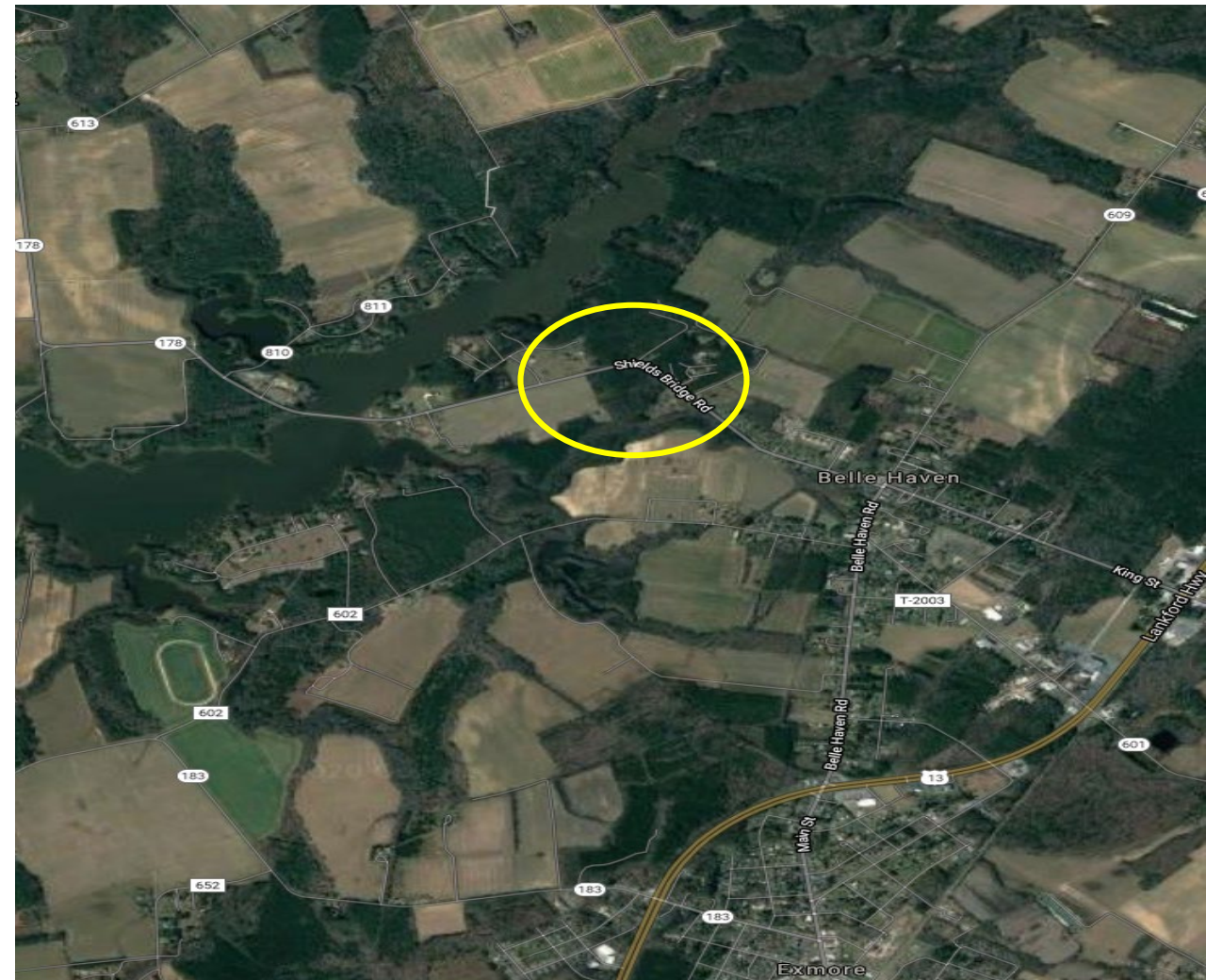
## Online Form

Submit online form at  
[www.VirginiaDOT.org/Route178BridgeReplacement](http://www.VirginiaDOT.org/Route178BridgeReplacement)

## Mail Us

Virginia Department of Transportation  
7511 Burbage Drive  
Suffolk, VA 23435  
ATTN: Nancy Marshall

# Location Map – Accomack County





# Project History



\*Photo taken Nov 2020

- Originally constructed in 1933
- Repairs to columns and footing jacketed in 1987
- Deck repaired and epoxy overlay applied in 2013
- Designated as structurally deficient by VDOT in 2016
- Preliminary engineering started for replacement bridge in 2018

# Project Purpose & Need

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- ✓ **Improve safety through the construction of a new vehicle bridge, replacing the existing one, on Route 178 (Shields Bridge Road) over Occohannock Creek.**
- ✓ **Shorten duration of construction through full closure.**

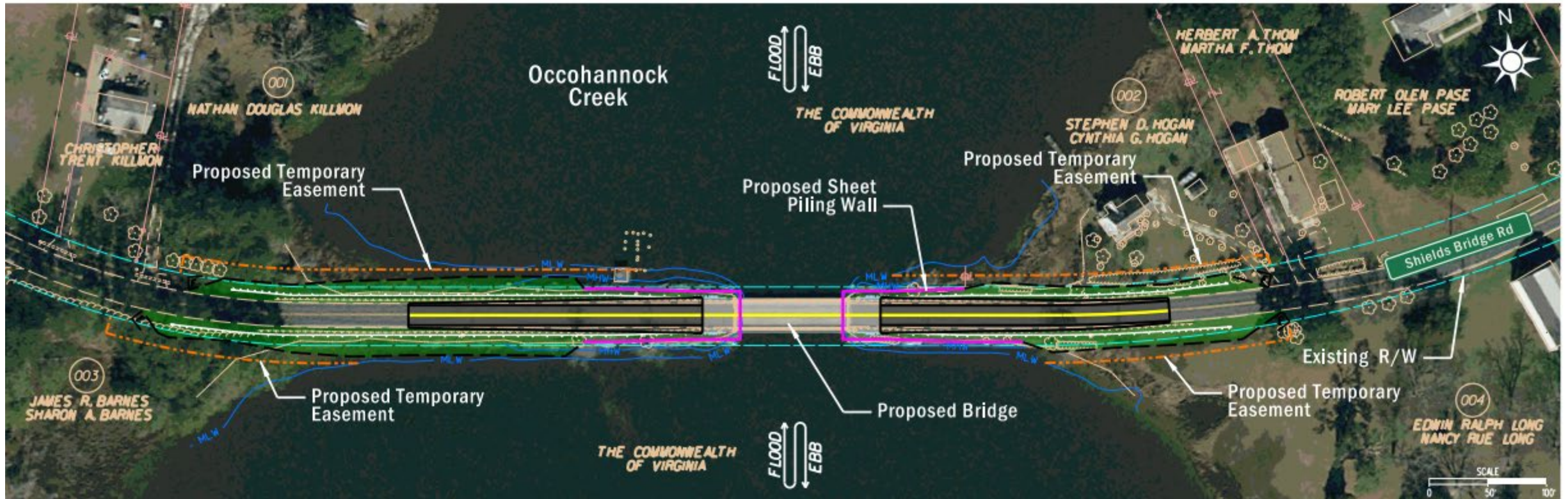


# Traffic Operations

Traffic Volume (vehicles per day)	2019	2044
Route 178 (Shields Bridge Road)	1,600	1,950

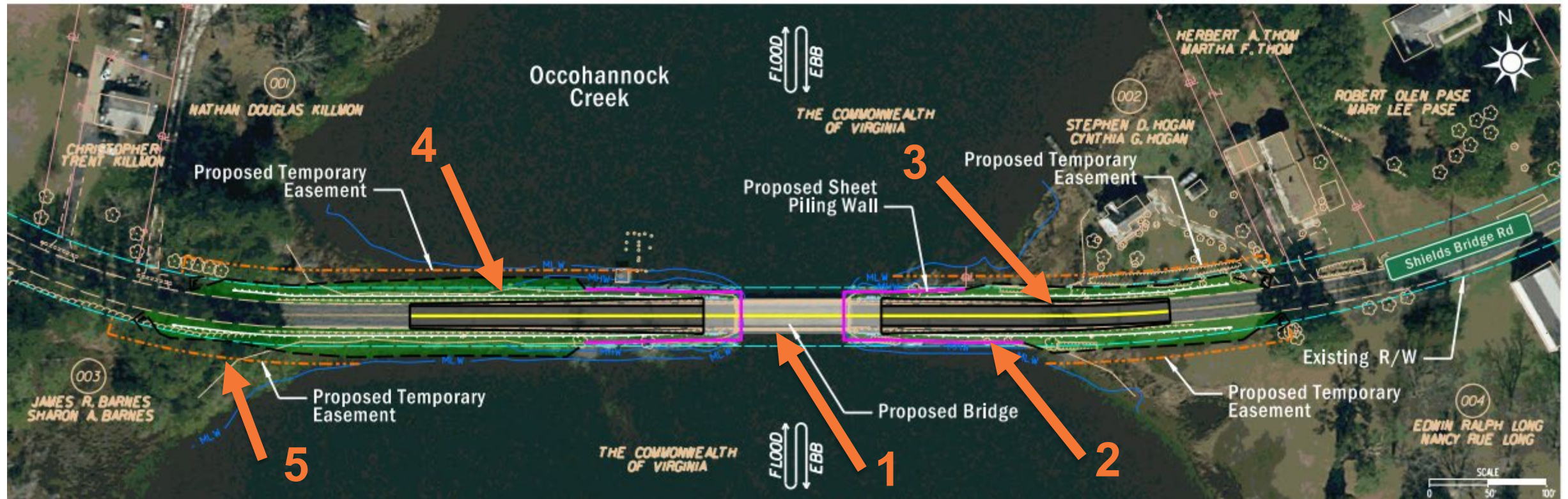
- Current size of Route 178 Bridge over Occohannock Creek can accommodate future traffic demand.
- No capacity expansion is needed in new bridge structure.

# Design Approach - Plan View





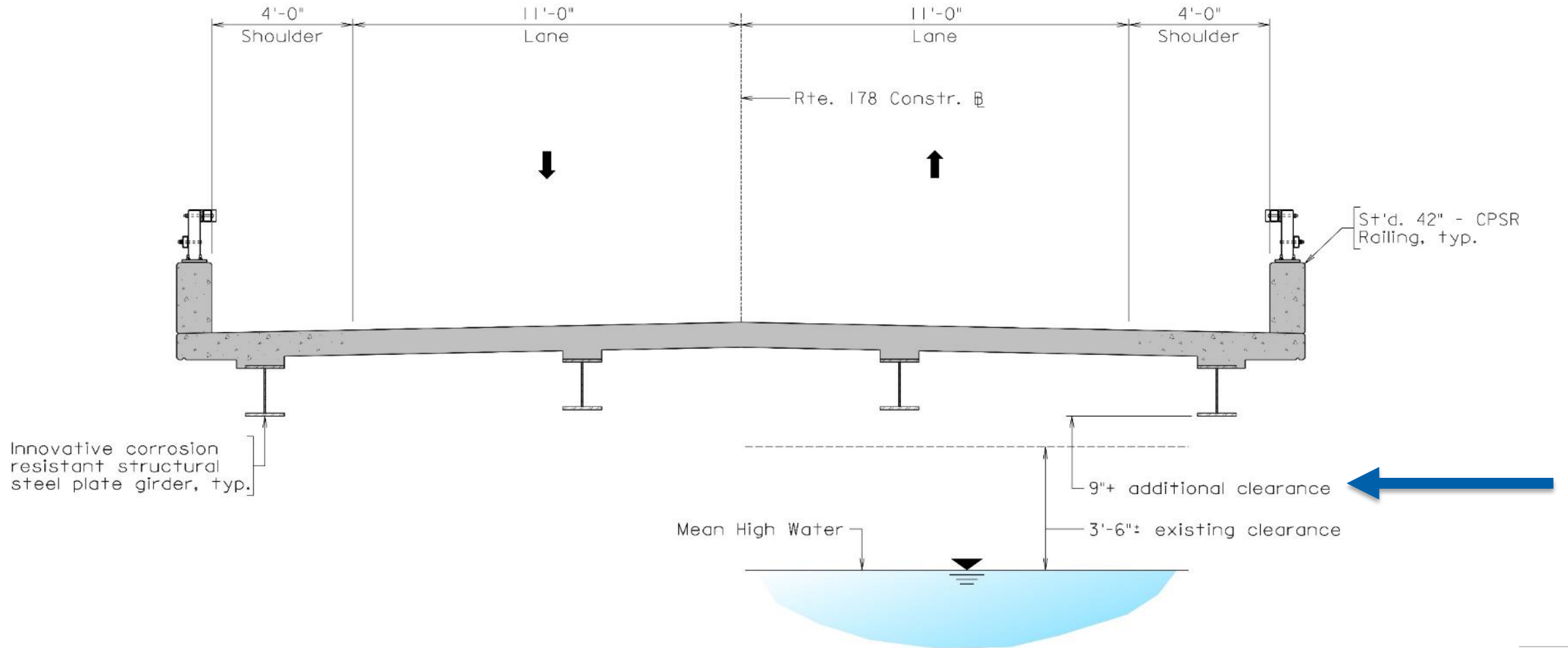
# Design Approach - Improvements



**Key Elements:** 1) Bridge – increased clearances, 2) Sheetpile wall – minimize impacts, 3) Roadway transition – tie bridge to road, 4) Guardrail – similar layout to existing, 5) Temporary easements to facilitate construction

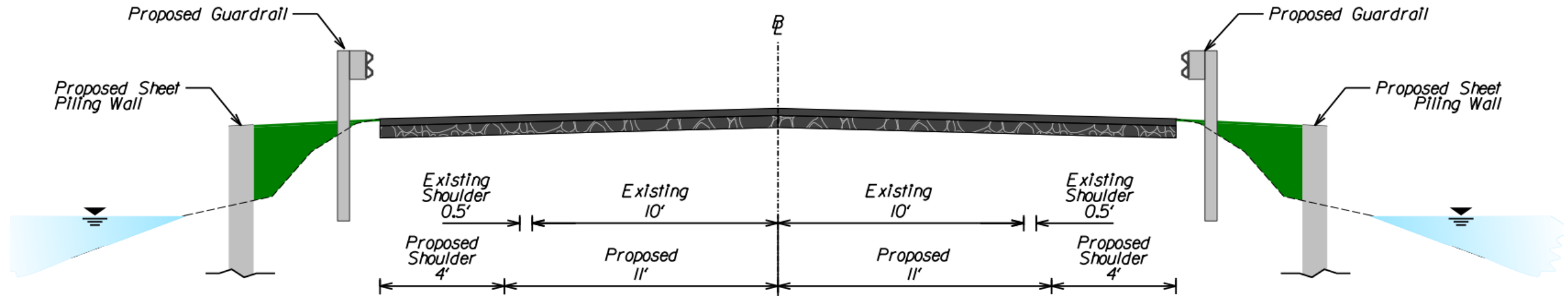
# Bridge - Typical Section

UPDATED PROPOSED DESIGN  
AFTER INITIAL PUBLIC INPUT

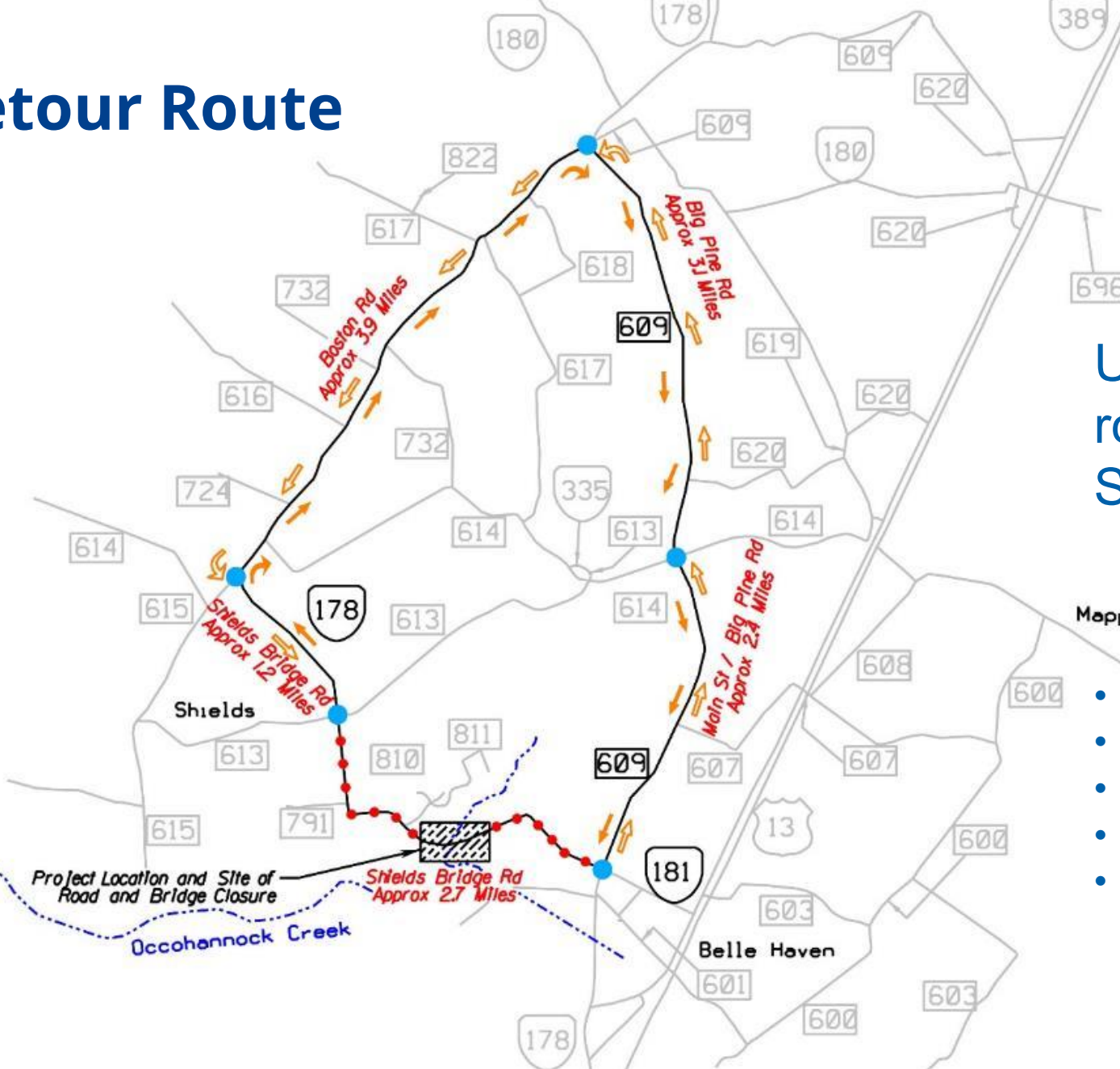




# Approach Roadway - Typical Section



# Detour Route



Use the following alternate routes for access points on Shields Bridge Road:

- Rte 178 – Shields Bridge Rd
- Rte 178 – Boston Road
- Rte 609 – Big Pine Road
- Rte 609 – Main Street / Big Pine Rd
- Rte 178 – Shields Bridge Rd

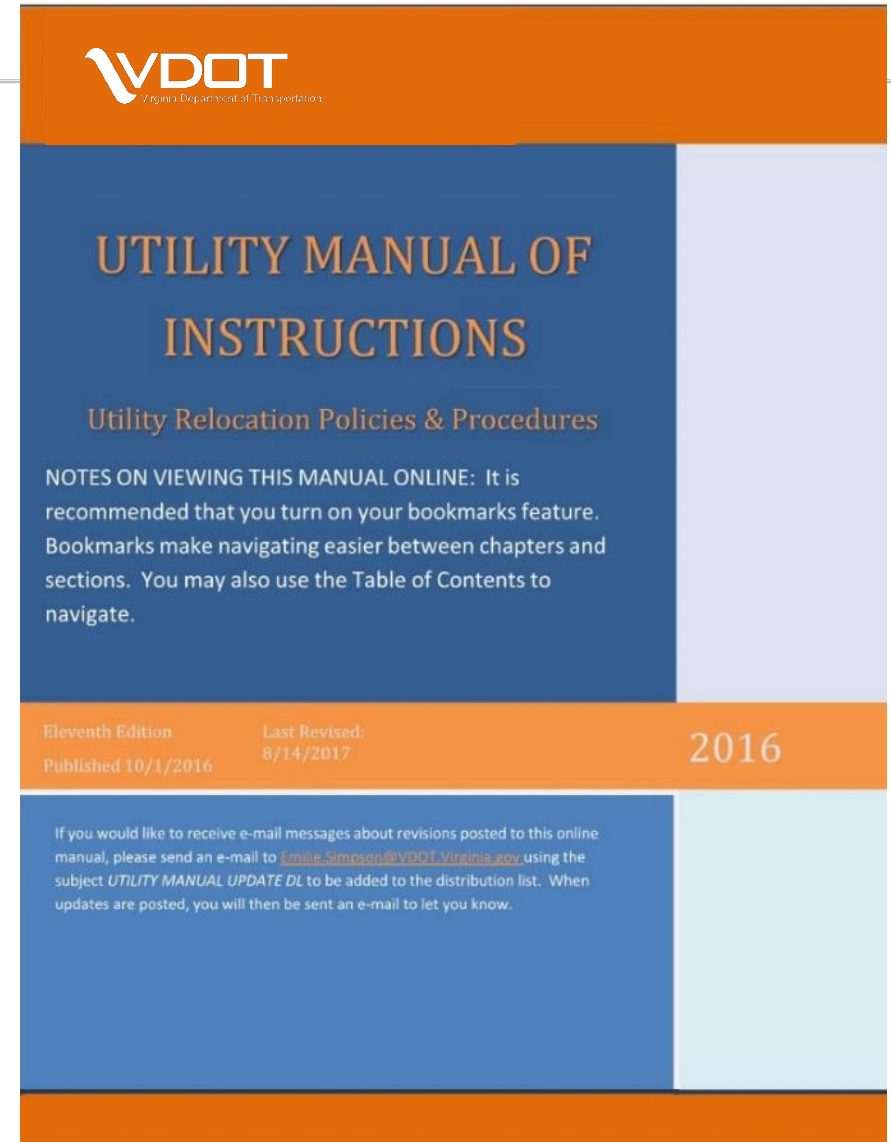
NOT TO SCALE

# Utility Impacts

## Known utility owners within the project area include:

- **A&N Electric (electric)**
- **Verizon (telecom)**
- **Charter Spectrum (telecom)**
  
- **2 of these transverse using overhead poles,  
1 attached to bridge**

**VDOT's Right of Way and Utilities team will identify and address utility relocations prior to construction with appropriate agency.**



# Environmental Overview

## Section 106 (Archeological Resources/Historic Resources)

- The Project will have **no** effect on historic resources.

## Natural Resources – Threatened & Endangered Species

- The Project proposed minimal tree clearing and would not be anticipated to result in significant impacts to roosting habitat for the Federally threatened Northern Long-eared Bat. No time-of-the-year restriction for tree clearing or in-water work are anticipated for the Project.

## Water Quality Resources – Water Quality Permits

- Due to the minor wetland and in-water impacts, the Project would qualify for U.S. Army Corps of Engineers Nationwide Permit 14 for road crossing and Virginia Marine Resources Commission General Permit 1. Permits would be required during the final design phase of the project.



# Environmental Overview

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## Hazardous Materials

- The Project will **not** have an adverse effect associated with hazardous materials.

## Other Environmental Resources

- The project will **not** involve any impacts to Section 4(f), Section 6(f), low-income and minority communities (Environmental Justice), air and noise. There will be no displacement of businesses and residential homes.

## Programmatic Categorical Agreement (PCE)

- The project is federally eligible with very minimum environmental impacts. Therefore, a PCE was completed for this project.

# Environmental Overview

Project will not individually or cumulatively have significant environmental impacts to require an Environmental Assessment or Environmental Impact Statement.

Project qualifies for a **Programmatic Categorical Exclusion (PCE)** level of NEPA documentation under 23 CFR 771.117.

PCE was prepared and approved by the Federal Highway Administration on July 15, 2019.



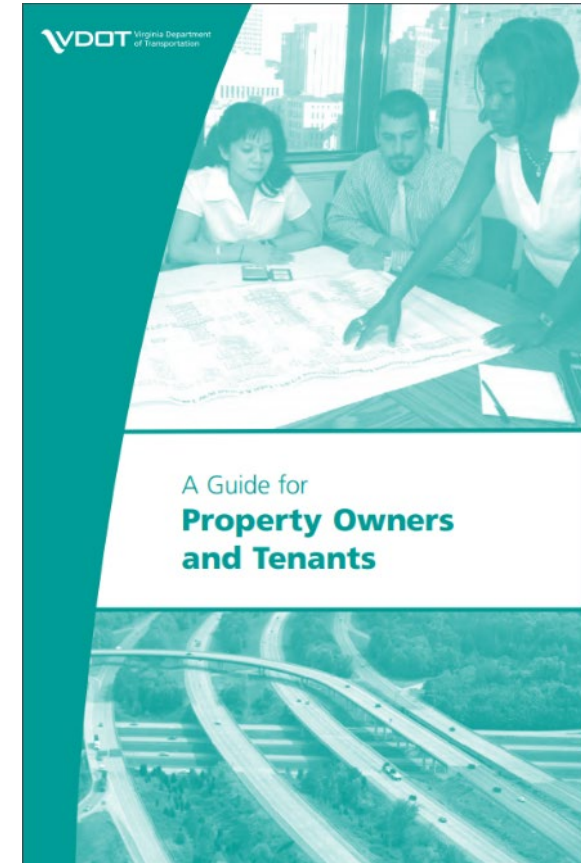
# Proposed Right of Way (ROW)

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- There will be no fee acquisitions proposed. All work will be performed within the existing right of way.
- Temporary construction easements will be sought from numerous properties along the east and west sides of the project for access and utility work.

# Right of Way (ROW) Acquisition Information

- To provide uniform and equitable treatment for persons affected by a project, Congress passed the Uniform Relocations Assistance and Real Property Acquisition Policies Act of 1970 and amended it in 1987.
- This law, called the ***Uniform Act***, is the foundation for the information discussed in this brochure.
- VDOT respects these fundamental rights and is committed to treating all customers with fairness and respect.





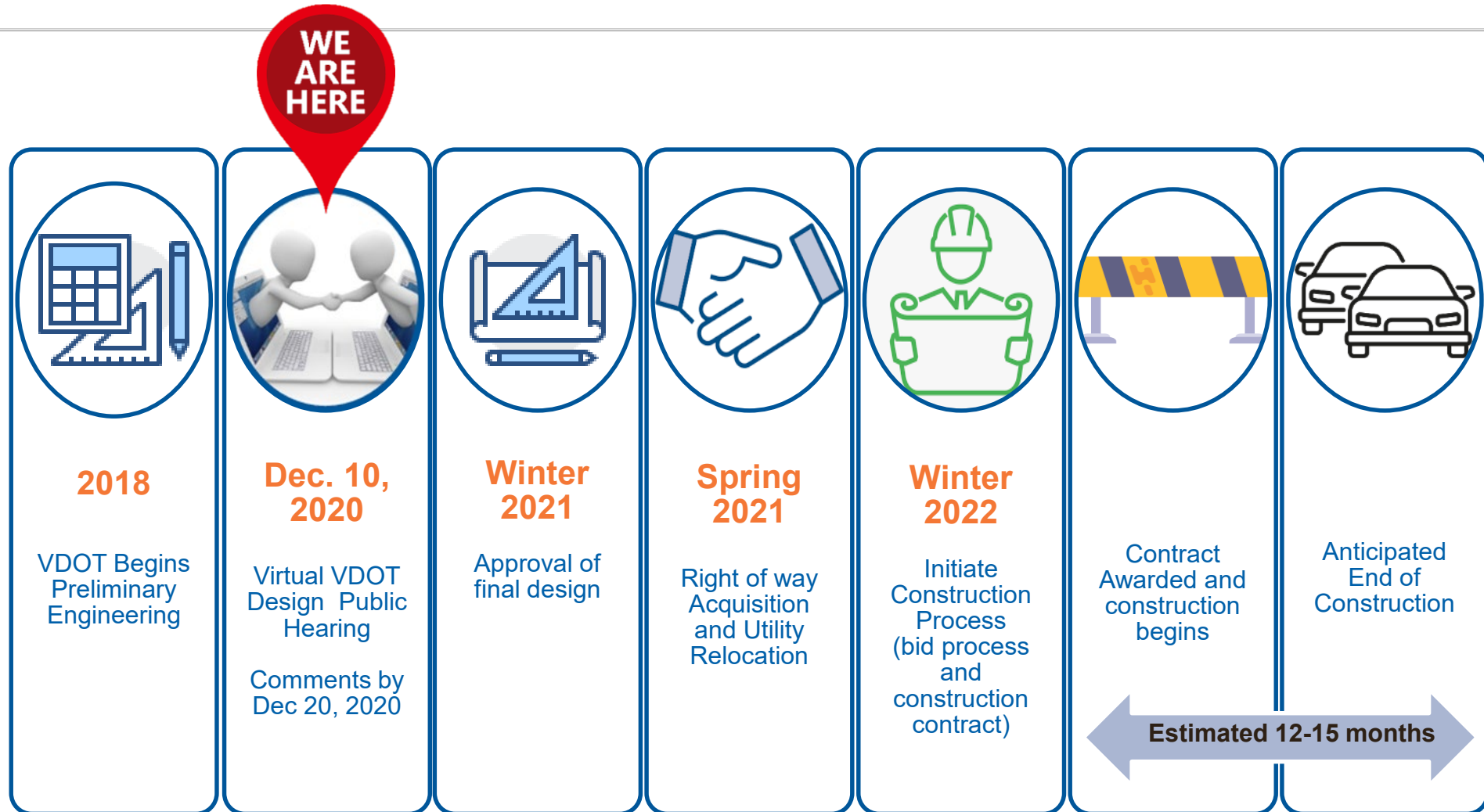
# Project Funding & Estimate

## Anticipated Project Costs

Phase	Cost
Preliminary Engineering (PE)	\$900,000
Right of Way (RW)	\$500,000
<u>Construction (CN)</u>	<u>\$4,800,000</u>
<b>Total</b>	<b>\$6,200,000</b>

\* These costs are estimates based on the current design and may change.  
This project is currently funded using state and federal funds.

# Estimated Timeline



# Availability of Public Hearing Materials

Continued availability of the project materials, draft design elements and the Programmatic Categorical Exclusion on the project website:  
[www.viriniadot.org/Route178BridgeReplacement](http://www.viriniadot.org/Route178BridgeReplacement)

Hard copies of the Programmatic Categorical Exclusion and draft design plans can be made available at the following public locations:

Name	Hours	Notes
<b>VDOT Hampton Roads District</b> 7511 Burbage Drive Suffolk, VA 23435	Monday - Friday 9:00 a.m. – 5:00 p.m.	Public access by appointment only (757) 956-3000
<b>VDOT Accomack Office</b> 23096 Courthouse Ave. Accomac, Virginia 23301	Monday - Friday 9:00 a.m. – 5:00 p.m.	Public access by appointment only (757) 787-1550

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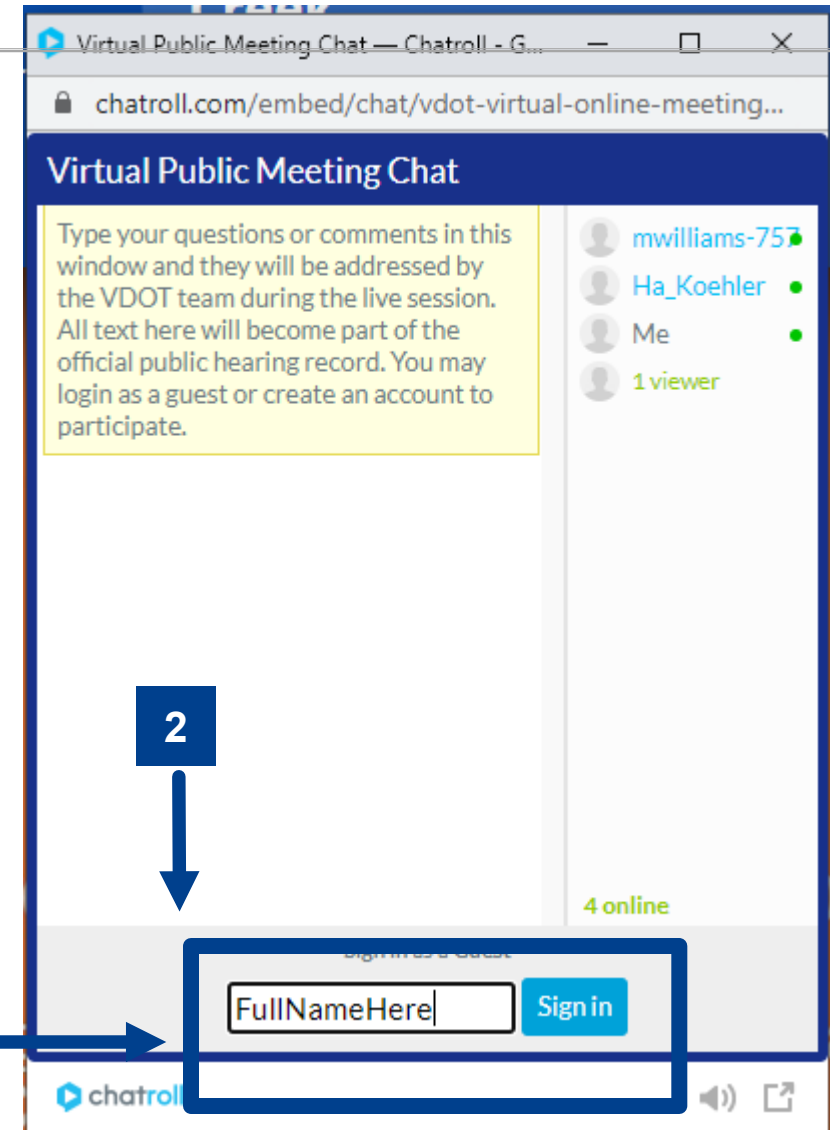
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ATTN: Nancy Marshall

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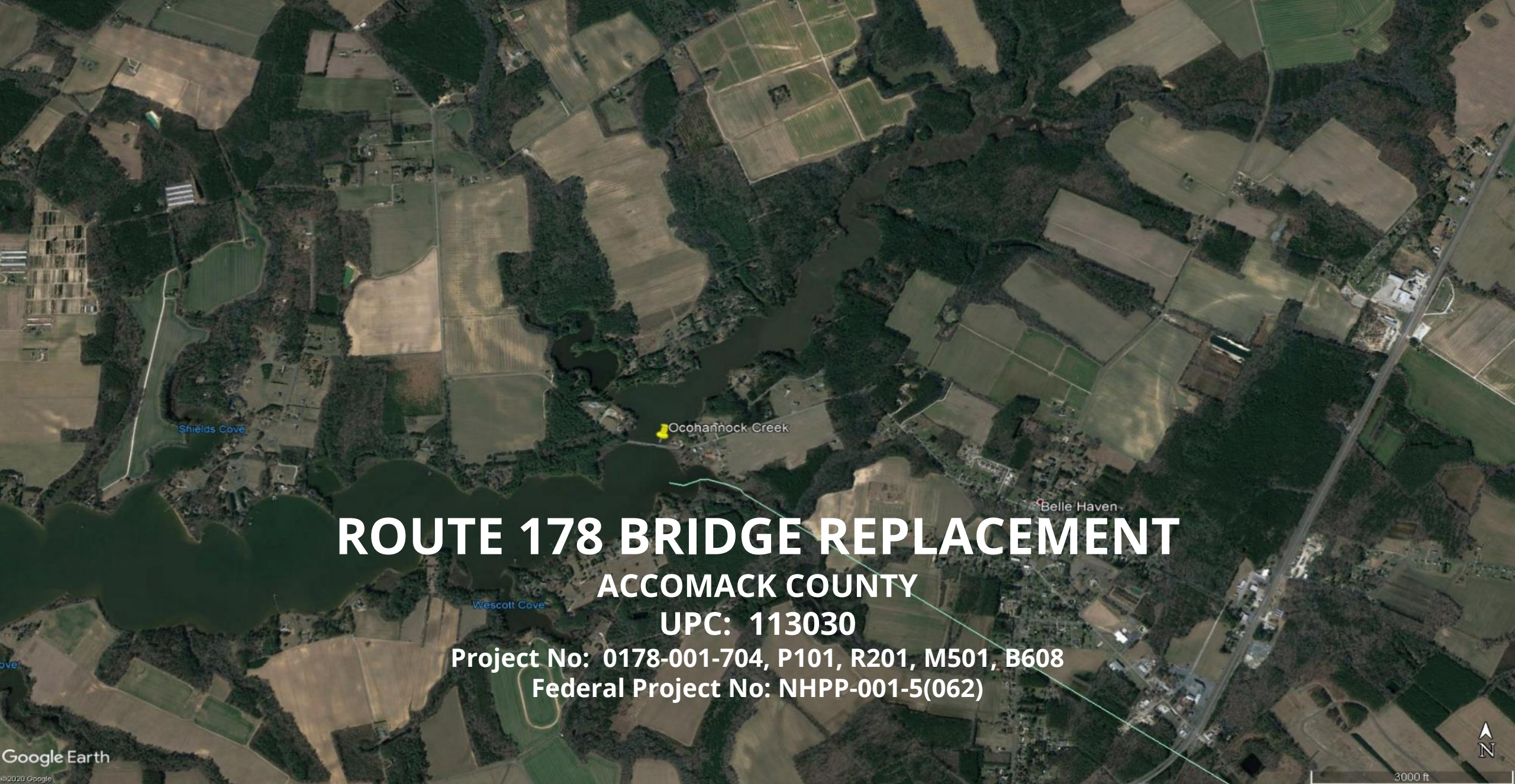
# Questions & Comments

**Thank You for Participating!**



**Virtual Design Public Hearing**





# ROUTE 178 BRIDGE REPLACEMENT

ACCOMACK COUNTY

UPC: 113030

Project No: 0178-001-704, P101, R201, M501, B608

Federal Project No: NHPP-001-5(062)

Google Earth

©2020 Google



3000 ft



Virginia Department of Transportation

UPC: 113030 PROJECT NO.: 0178-001-704, P101, R201, M501, B608  
FEDERAL PROJECT NO.: NHPP-001-5(062)