



## **ROUTE 29 / NEW BALTIMORE ADVISORY PANEL MEETING #14**

**September 26, 2019**



## U.S. 29 New Baltimore Advisory Panel Agenda, Meeting #14

September 26, 2019  
1 p.m. – 3 p.m.

Warren Green Building, 10 Hotel St., Warrenton

- |  |            |
|--|------------|
| 1. Introductions/ Panel Comments                                   | 5 minutes  |
| 2. Meeting #13 Summary and Review of Minutes                       | 5 minutes  |
| a. Interests Defined   |            |
| i. Safety (traveling public, pedestrians)                          |            |
| ii. Throughput (local, through and commuting traffic)              |            |
| iii. Access/convenience (getting to/from business/residence)       |            |
| iv. Economic Development/Success                                   |            |
| v. Home & Property Values  |            |
| vi. Historical   |            |
| vii. Environmental   |            |
| 3. Public Feedback and Follow-ups                                  | 5 minutes  |
| 4. Phase 1: Cut the Hills Project                                  | 15 minutes |
| a. Construction & funding update                                   |            |
| 5. Phase 2 Projects: Rt. 29/600 & 29/215 intersection improvements | 30 minutes |
| a. Funding update  |            |
| b. Section 106/NEPA stakeholders meeting: Date, location TBA       |            |
| c. Update status of Phase II implementation plan                   |            |
| d. Pilgrims Rest scenario update                                   |            |
| 6. Meeting Calendar: <i>1-3 p.m., Warren Green Building</i>        | 10 minutes |
| • January 23, 2020   |            |
| • April 23, 2020   |            |
| • July 23, 2020  |            |
| • October 22, 2020   |            |
| 7. New business and wrap-up  | 5 minutes  |

# Project Milestones

- ✓ RFP release: **Complete**
- ✓ RFP information meeting: **Complete**
- ✓ Responses to RFP questions: **Complete**
- ✓ Section 106 & NEPA process: **Complete**
- ✓ Letters of Submittal from bidders: **Complete**
- ✓ Price Proposals opened: **Complete**
- ✓ Notice of Intent to Award: **Complete**
- ✓ CTB contract award: **Complete**
- ✓ Construction begins: **June 3**
- ✓ Pardon our Dust meeting: **June 11**
- ✓ Route 29 NB closure: **July 8 through August 2**
- Project completion: **September 30, 2019**

# Project Financials

| Line Item                            | Project Budget     | Project Expenditures  |
|--------------------------------------|--------------------|-----------------------|
| <i>Preliminary Engineering*</i>      | <b>\$ 612,138</b>  | <b>\$575,051</b>      |
| <i>VDOT Right of Way Acquisition</i> | <b>\$ 500</b>      | <b>\$163</b>          |
| <b>Construction Total</b>            | <b>\$4,007,151</b> |                       |
| Design Build Bid                     | \$3,544,568        | \$2,323,820.46        |
| Construction CEI & Admin.            | \$ 210,083         | \$141,732.48          |
| Construction Contingency             | \$ 100,000         |                       |
| Incentive                            | \$ 150,000         |                       |
| State Police                         | \$ 2,500           |                       |
| <b>Project Total</b>                 | <b>\$4,619,789</b> | <b>\$3,040,766.27</b> |

**\* Includes Alternative Analysis, Traffic Analysis, Procurement Documents and Plans, Survey  
Geotechnical and Cost to Cure Parcel #001**

**Financials Run Date 9/13/19**

**UPC 114713**

# Section 106/NEPA

## Historic Properties Stakeholders Meeting

Requested by the Virginia Department of Historic Resources (prior to concluding Section 106 for Rt. 600/215 improvements)

Purpose: To achieve a better understanding of transportation and historic preservation interests along the Rt. 29 corridor and reduce controversies

Participants: FHWA, VDOT, Fauquier County, Prince William County, DHR, the Buckland Preservation Society, the Piedmont Environmental Council, local conservation easement holders

November, location in the project area, date/time TBA

## Section 106 Issues

Both improvements within the historic Buckland Mills Battlefield

Improvements to maximize use of existing ROW, avoid conservation easement at Rt. 215

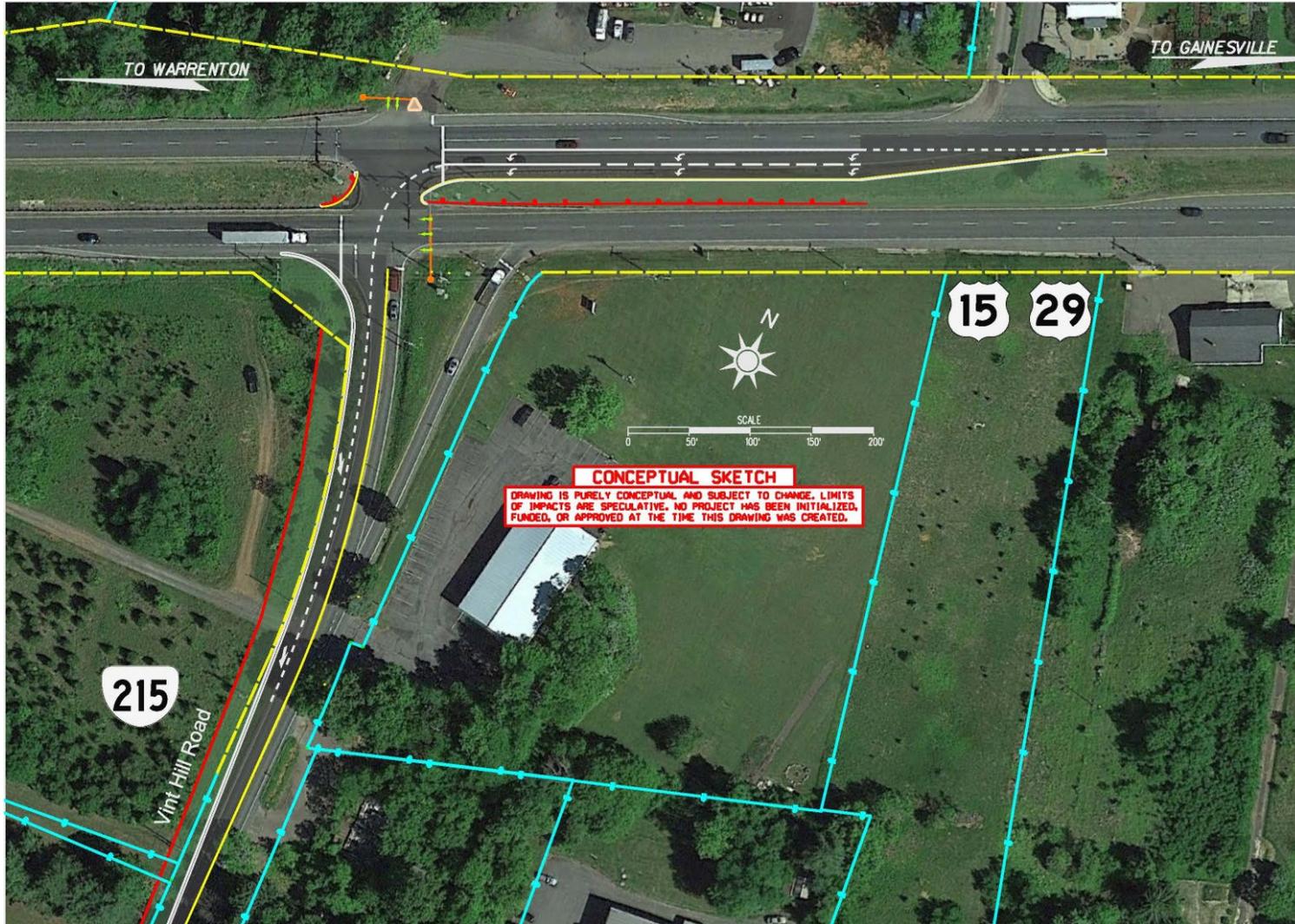
Section 106 to be concluded early 2020

## NEPA

Section 106 Effect Determination will influence type and intensity of NEPA document

# Panel Priority #1

## Route 29 / Vint Hill Rd Dual Left Turn and Merge Lane



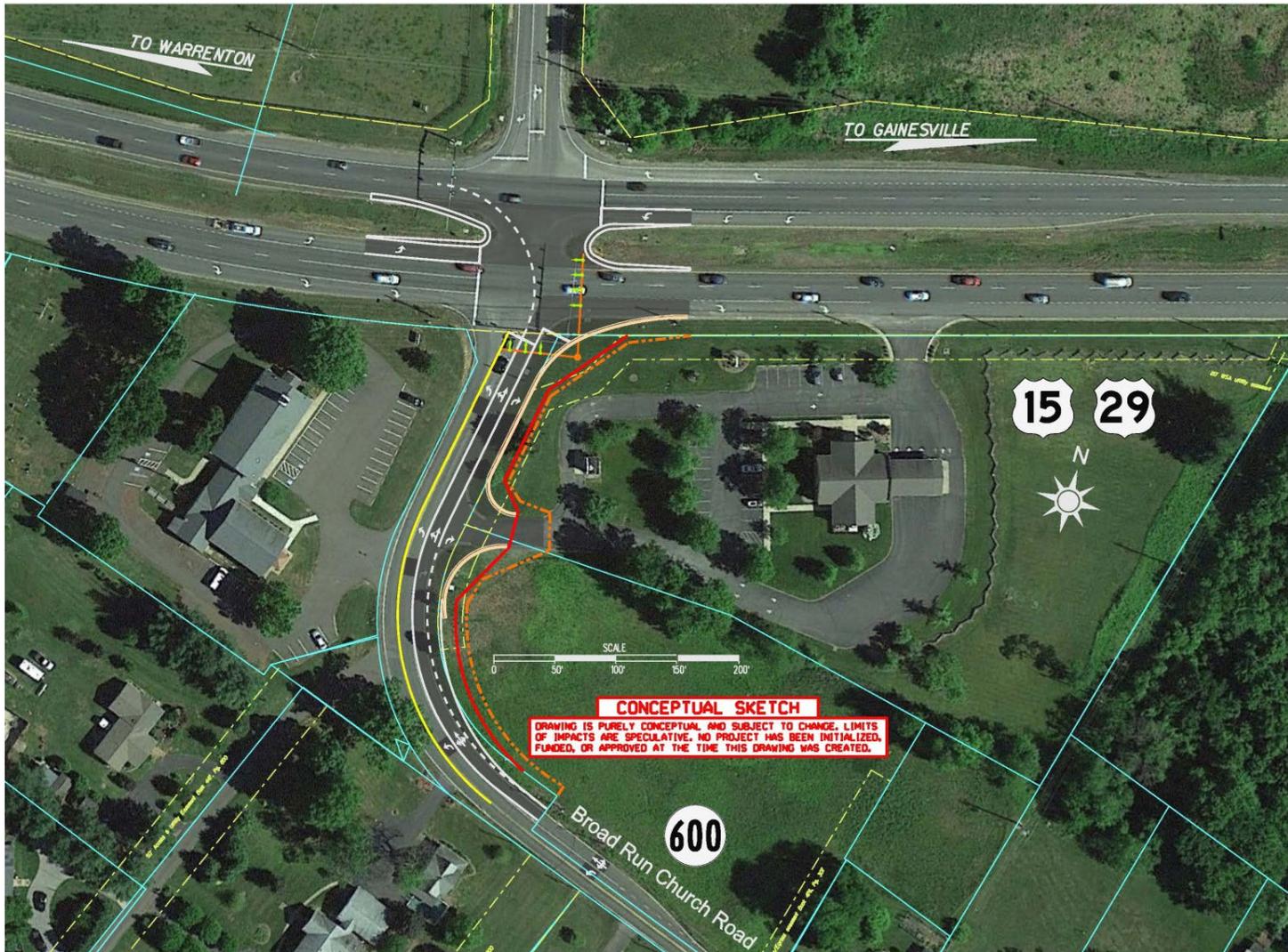
### Project P4

| Project Phase                     | Current Dollar Costs | State Forces-HE Approach |
|-----------------------------------|----------------------|--------------------------|
| <i>Preliminary Engineering</i>    | \$500,000            | \$500,000                |
| <i>Right of Way and Utilities</i> | \$300,000            | \$300,000                |
| <i>Construction</i>               | \$1,380,000          | \$750,000                |
| <i>Signal Work</i>                | \$190,000            | \$210,000                |
| <b>Total</b>                      | <b>\$2,370,000</b>   | <b>\$1,760,000</b>       |

*Note: All costs are in 2019 dollars*

# Panel Priority #2

## Route 29 / Broad Run Church Rd Dual Left Turn Lanes



### Project P1

| Project Phase                     | Design-Bid-Build Approach | State Forces-HE Approach |
|-----------------------------------|---------------------------|--------------------------|
| <i>Preliminary Engineering</i>    | \$400,000                 | \$400,000                |
| <i>Right of Way and Utilities</i> | \$545,000                 | \$545,000                |
| <i>Construction</i>               | \$856,000                 | \$364,000                |
| <i>Signal Work</i>                | \$149,000                 | \$165,000                |
| <b>Total</b>                      | <b>\$1,950,000</b>        | <b>\$1,474,000</b>       |

*Note: All costs are in 2019 dollars*

# Panel Priority #3

## Route 29 / Vint Hill Road Dual Right Turn Lanes

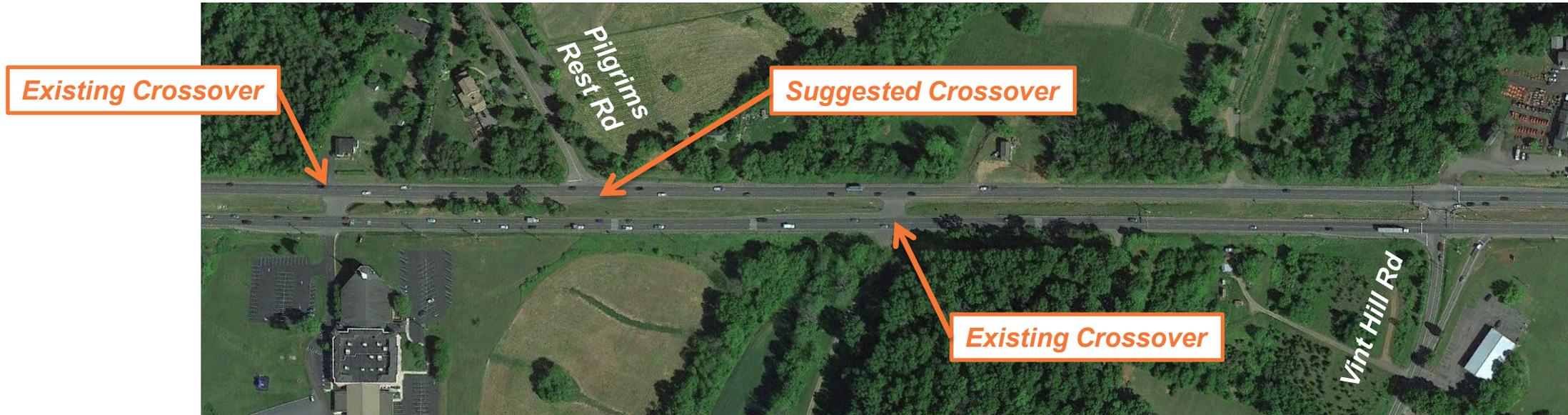


### Project P5

| Project Phase                  | Current Dollar Costs | State Forces-HE Approach |
|--------------------------------|----------------------|--------------------------|
| <i>Preliminary Engineering</i> | \$300,000            | \$300,000                |
| <i>Utilities</i>               | \$55,000             | \$55,000                 |
| <i>Construction</i>            | \$245,000            | \$245,000                |
| <i>Signal Work</i>             | \$80,000             | \$90,000                 |
| <b>Total</b>                   | <b>\$680,000</b>     | <b>\$690,000</b>         |

*Note: All costs are in 2019 dollars*

# Panel Request to Relocate Crossover at Pilgrims Rest Road



## ➤ Advantages

- ✓ Convenient direct access for left turning vehicles
- ✓ Comparable sight distance due to hill leveling (Phase 1) project

## ➤ Disadvantages

- ✓ 550' to existing church crossover, less than half of 1320' required
- ✓ Corridor crashes predicted to increase by 25% due to the increased number of conflict points and the increased number of movements in one location when allowing left-out to 29 (derived per HSM Table 14-25).
- ✓ Future signalization will result in a 4 phase signal, increasing delay and congestion along Route 29, while the existing crossover locations could be signalized with efficient 2 phase signals.

