



**ROUTE 29 / NEW BALTIMORE  
ADVISORY PANEL MEETING #17**

**July 23, 2020**

# U.S. 29 New Baltimore Project Status

- 1) **Section 106/NEPA Schedule & Project Limits**
- 2) **“Cut the Hills” Project Financials Update**
- 3) **Panel Priority #1: Dual left-turn lanes, SB 29 to Vint Hill Road**
- 4) **Panel Priorities #2 & #3, project estimates**
- 5) **Summary of project estimates & available funding**
- 6) **Meeting calendar**
  - **October 22, 2020**

# Section 106/NEPA Schedule & Study Limits

## Cultural Resource Phase I fieldwork completed

- Cultural Resource Phase I report has been reviewed by the Virginia Department of Historic Resources and a revised report based upon VDHR comments is under way
- Phase II architectural study for a structure at 5185 Lee Hwy is completed and was found to not be historically significant

## VDOT/VDHR coordination: mid-March to late September

- Coordination of resource eligibility and project effect will be coordinated with VDHR upon completion of all technical reports

## NEPA Studies: April to September 2020

- To include water quality, hazardous materials survey, endangered species

## Environmental Risks to Schedule

- If VDHR determines that the project will have an Adverse Effect on historic resources, an additional 6-8 months may be required to resolve and mitigate the impacts and complete the Section 106 and NEPA process
- Risk of an Adverse Effect determination is slight to moderate

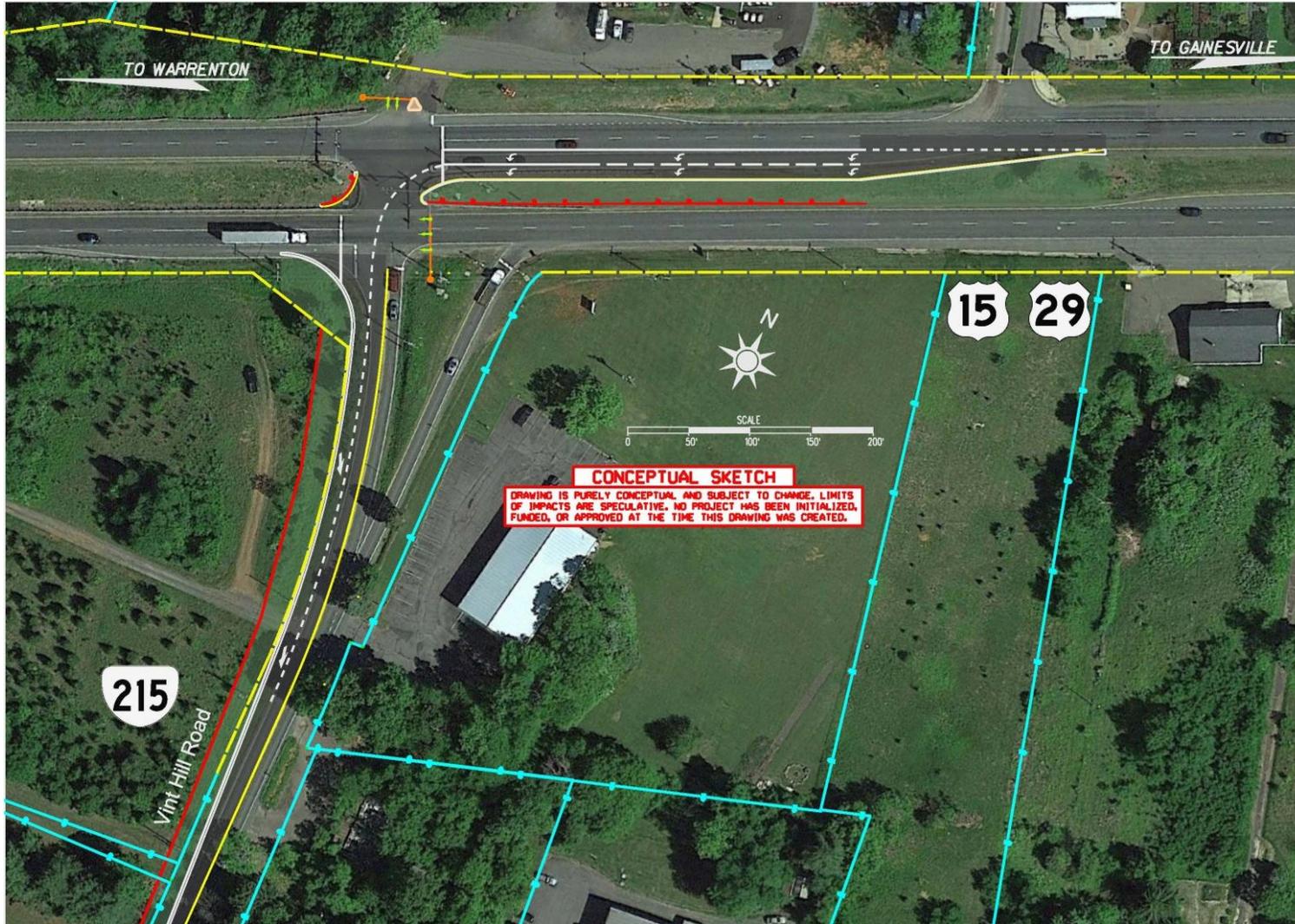
# “Cut the Hills” Project Financials

Line Item	Project Budget	Project Expenditures
<i>Preliminary Engineering*</i>	<b>\$ 612,138</b>	<b>\$580,469</b>
<i>VDOT Right of Way Acquisition</i>	<b>\$ 500</b>	\$162.59
<b>Construction Total</b>	<b>\$4,007,151</b>	
Design Build Bid	\$3,544,568	\$3,525,252
Construction CEI & Admin.	\$ 210,083	\$287,432
Construction Contingency	\$ 100,000	\$0
Incentive	\$ 150,000	\$0
VSP & FCSO (traffic control)	\$ 2,500	\$50,011
<b>Project Total</b>	<b>\$4,619,789</b>	<b>\$4,393,316</b>

**\* Includes Alternative Analysis, Traffic Analysis, Procurement Documents and Plans, Survey Geotechnical and Cost to Cure Parcel #001  
Financials Unchanged Since 1/23/20  
UPC 114713**

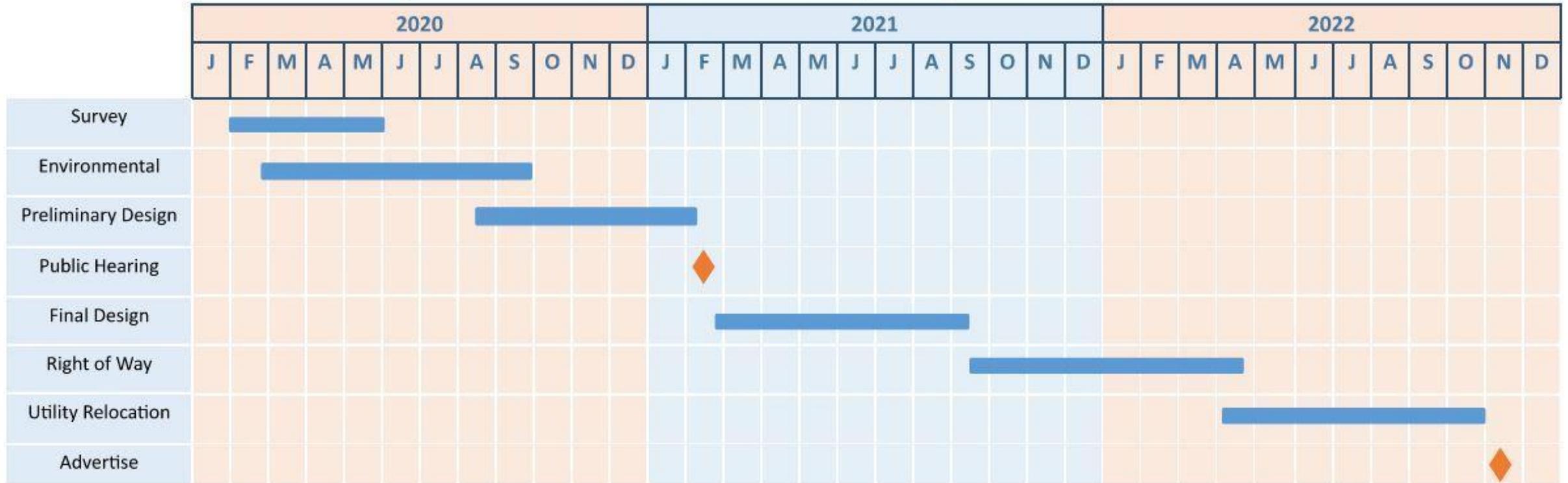
# Panel Priority #1

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



Project Phase	Estimated Cost
<i>Preliminary Engineering</i>	\$653,075
<i>Right of Way Acquisition &amp; Utility Relocations</i>	\$400,000
<i>Construction</i>	\$1,500,000
<b>Total</b>	<b>\$2,553,075</b>

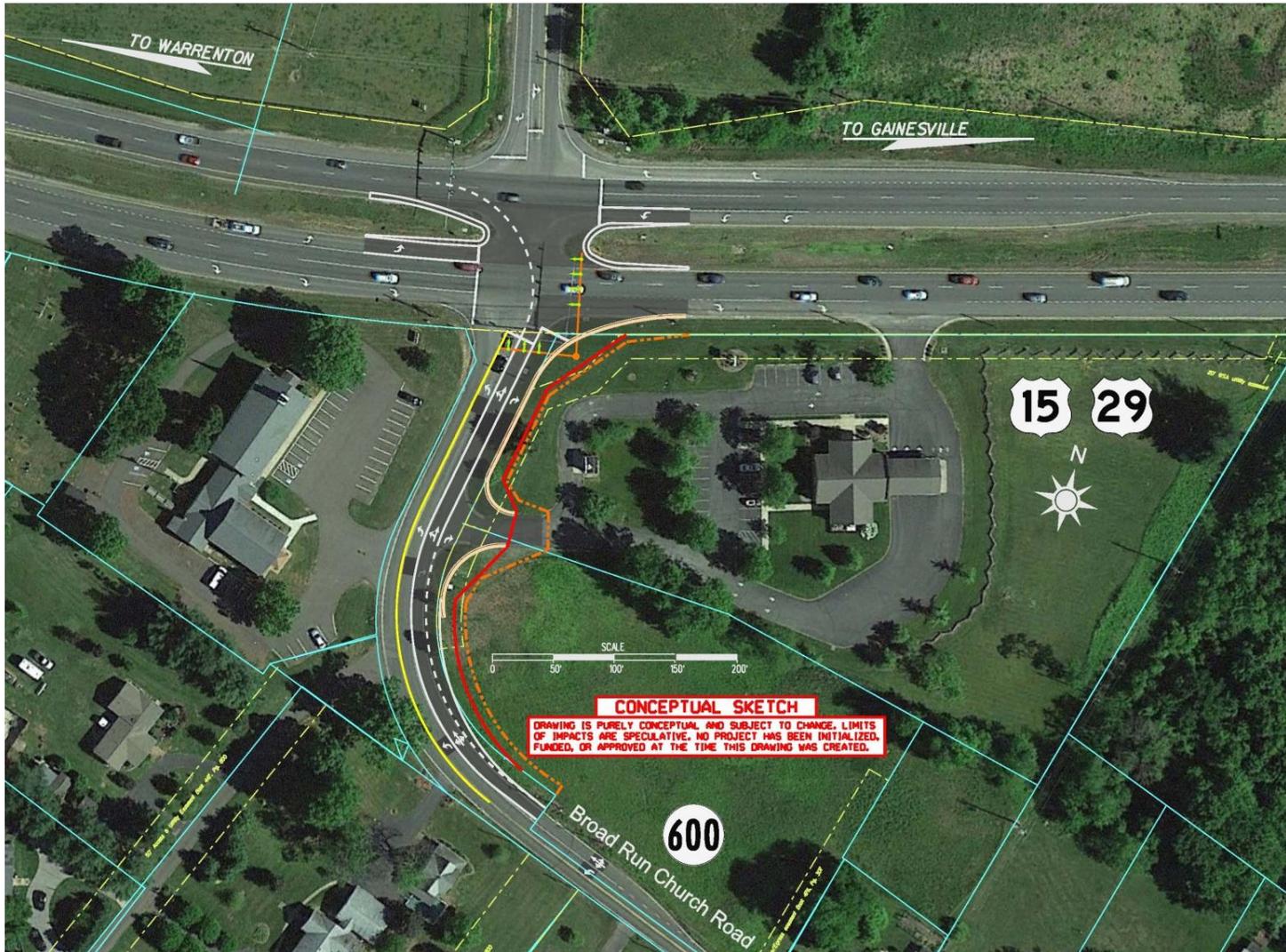
## Route 29/215 Preliminary Schedule (P-1 Dual Left-Turn Lanes & S-1 Signal Improvements)



- **Survey work completed and design is under way**
- **Environmental & Cultural Resources review ongoing**
- **Public involvement planned for Fall 2020**  
(COVID-19 pandemic may require changes in format or delay the meeting)

# Panel Priority #2

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



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 2020 dollars*

**This project is being submitted for SMART SCALE funding**

# Panel Priority #3

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



Project Phase	Design-Bid-Build Approach	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>

**This project is being submitted for SMART SCALE funding**

# Phase 2 Improvements: Rt. 29 / Rt. 215 & Rt. 29 / Rt. 600 Intersections

Project	Preliminary Engineering	Right-of-Way & Utilities	Construction	Total Costs
<i>Priority 1: Rt. 29 SB dual left turn lanes</i>	<i>\$653,075</i>	<i>\$400,000</i>	<i>\$ 1,500,000</i>	<i>\$2,553,075</i>
<i>Priority 2: Rt. 600 to 29 SB left- turn lanes</i>	<i>\$400,000</i>	<i>\$545,000</i>	<i>\$1,005,000</i>	<i>\$1,950,000</i>
<i>Priority 3: Rt. 215 dual right turn lanes</i>	<i>\$300,000</i>	<i>\$55,000</i>	<i>\$325,000</i>	<i>\$680,000</i>
<i>Phase 2 total project costs</i>				<i>\$5,183,075</i>
<i>Current available funds for Phase 2</i>				<i>\$2.8 million</i>

*Cost estimates are current dollar values*

