



## **ROUTE 29 / NEW BALTIMORE ADVISORY PANEL MEETING #16**

**April 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**
  - **July 23, 2020**
  - **October 22, 2020**

# Section 106/NEPA Schedule & Study Limits

## Cultural Resource Phase I field work completed

- Cultural Resource Phase I analysis and reporting is underway
- Phase II architectural study is needed for a structure at 5185 Lee Hwy
- Field work for that Phase II study has begun
- Additional cultural resource field work will take approximately 2 months, but still allows NEPA to be completed on schedule

## VDOT/VDHR coordination: Mid-March to Mid-June 2020

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

## NEPA Studies: April to August 2020

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

## Environmental Risks to Schedule

- VDHR Adverse Effect Determination: Could add 6-8 months to complete Section 106 and NEPA process

# “Cut the Hills” Project Financials

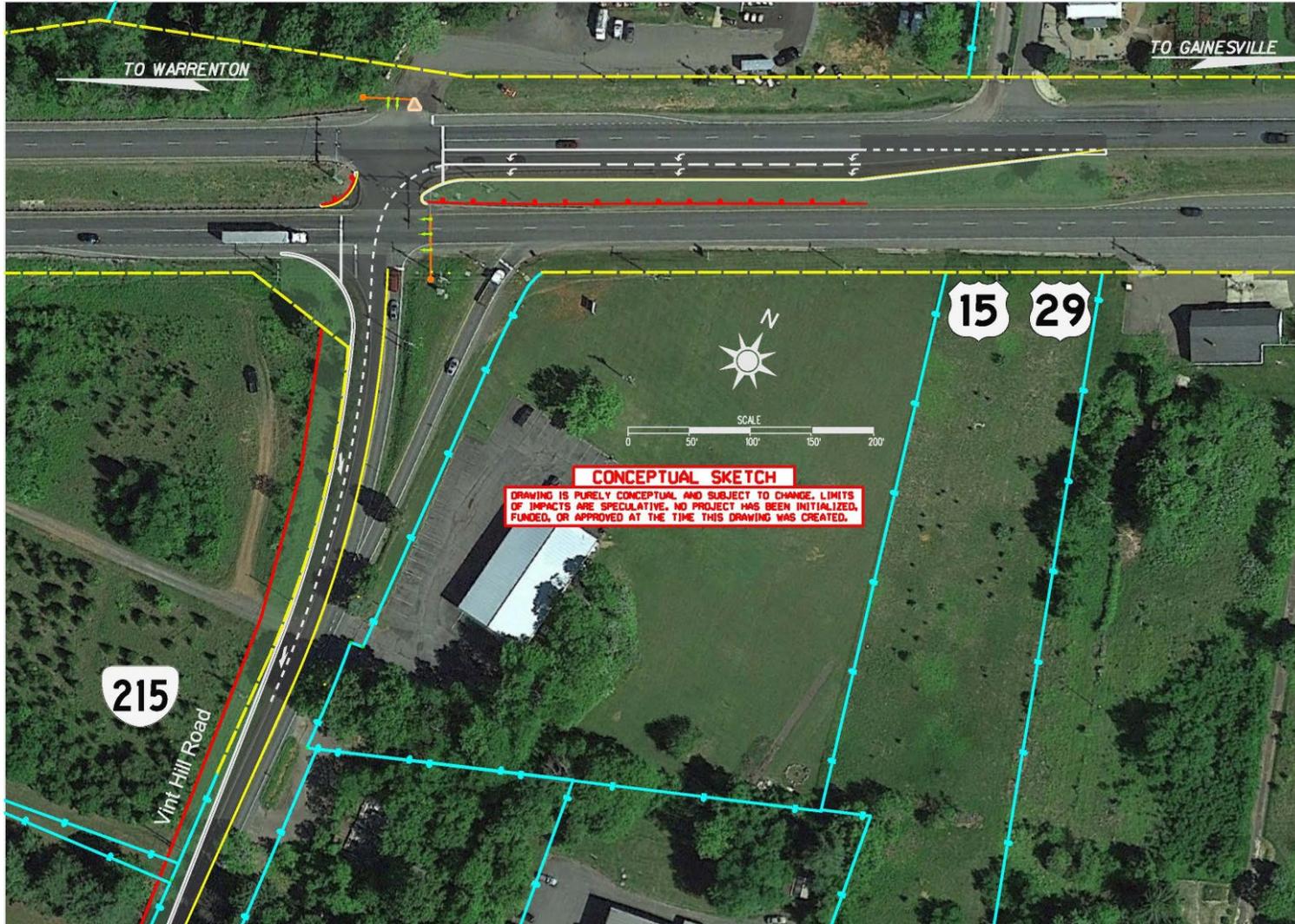
Line Item	Project Budget	Project Expenditures
<i>Preliminary Engineering*</i>	\$ 612,138	\$580,469
<i>VDOT Right of Way Acquisition</i>	\$ 500	\$162.59
<b><i>Construction Total</i></b>	<b><i>\$4,007,151</i></b>	
Design Build Bid	\$3,544,568	\$3,525,252
Construction CEI & Admin.	\$ 210,083	\$287,432
Construction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

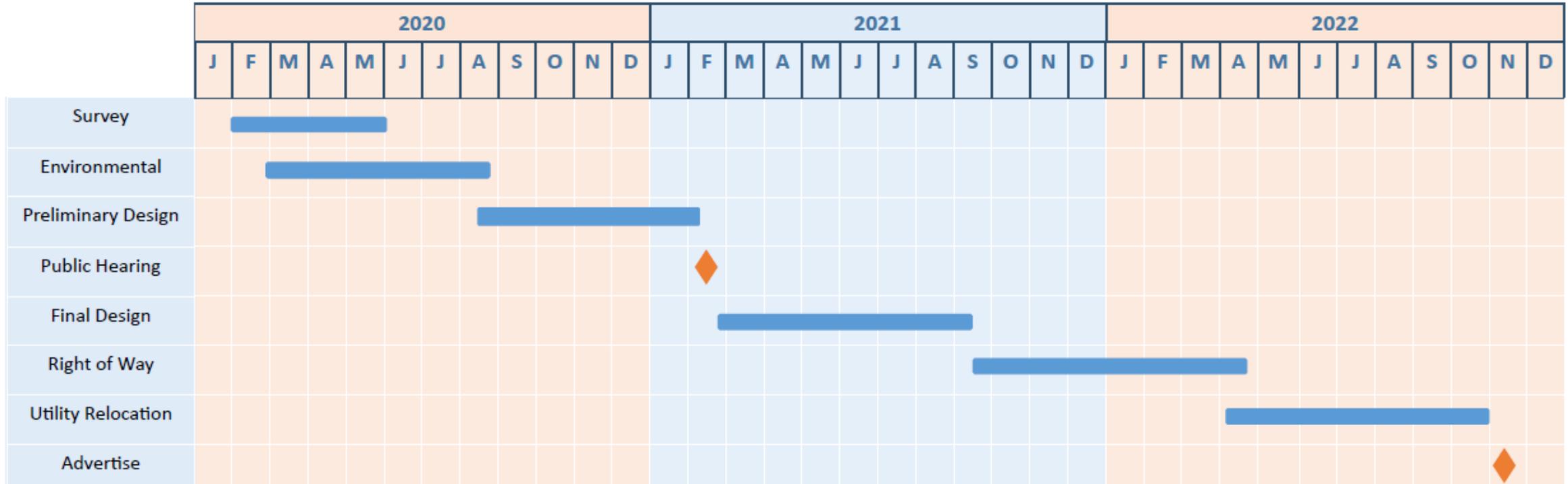
# Panel Priority #1

## 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>

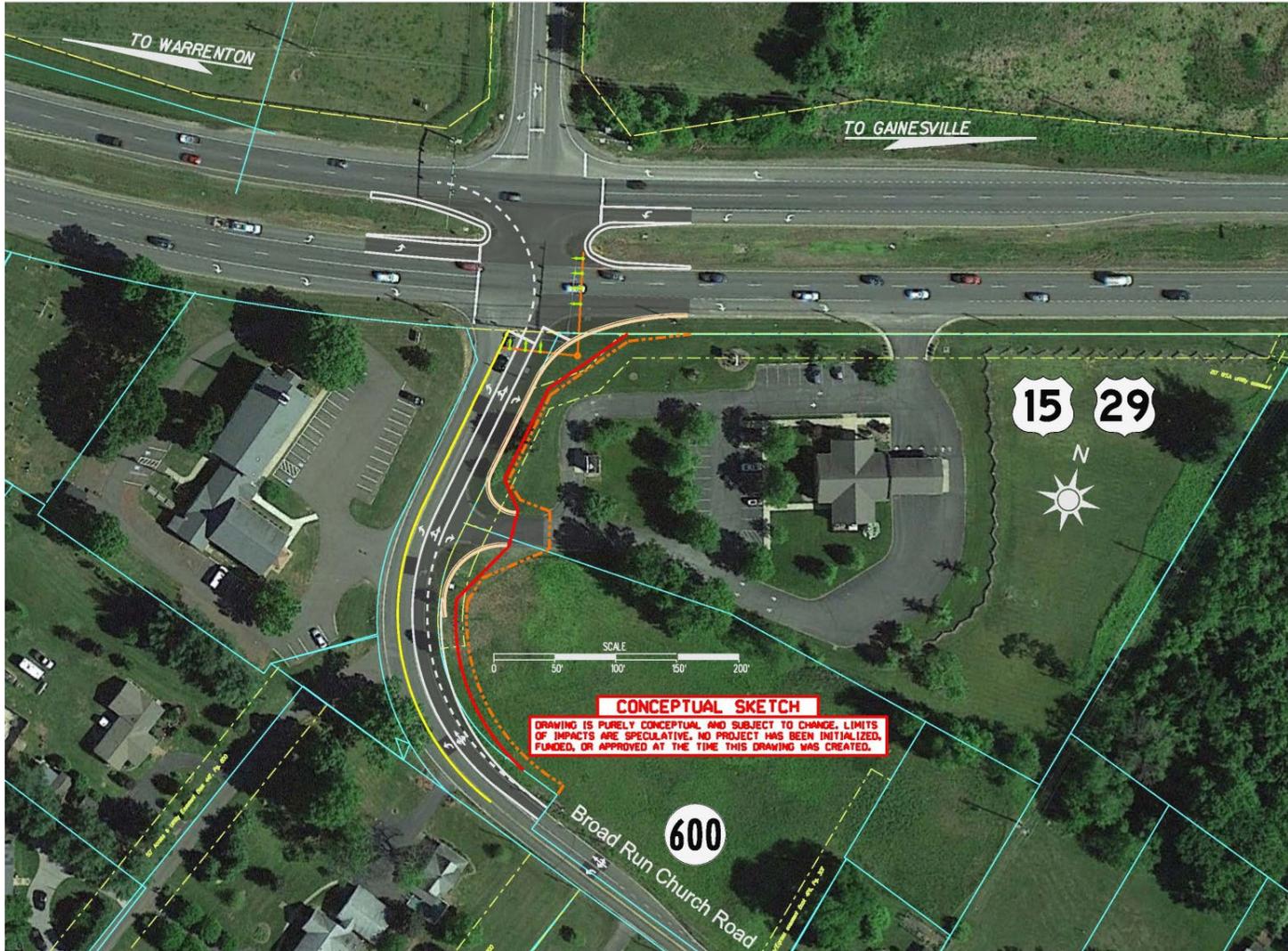
## Route 29/215 Preliminary Schedule (P-1 Dual Left-Turn Lanes & S-1 Signal Improvements)



- Right of entry letters for survey work have been sent to property owners, effective date of entry is May 5
- Volkert has received Notice to Proceed on the preliminary engineering (design) work on the project

# Panel Priority #2

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

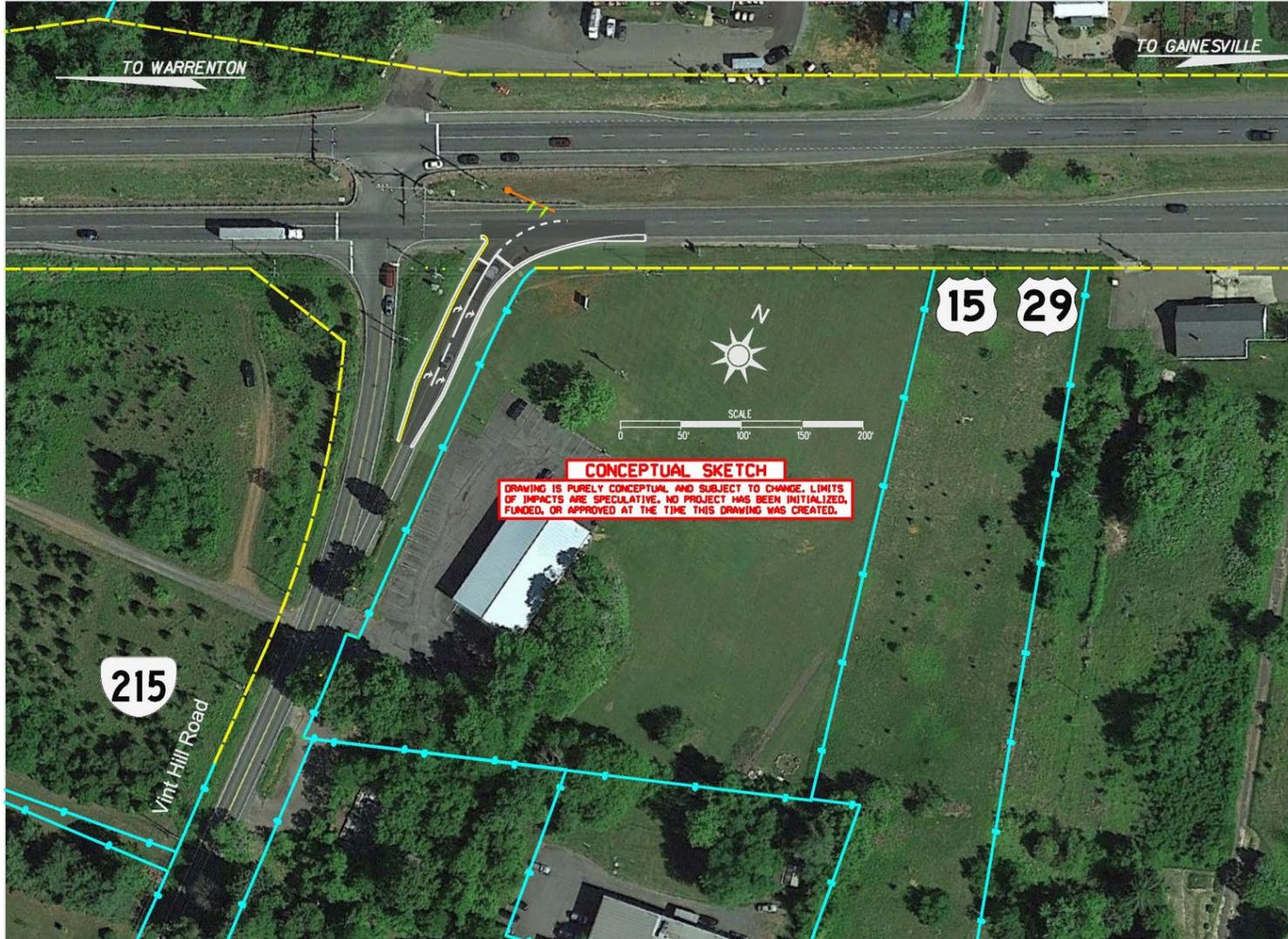


Project Phase	Design-Bid-Build Approach	State Forces-HE Approach
<i>Preliminary Engineering</i>	\$400,000	\$400,000
<i>Right of Way and Utilities</i>	\$545,000	\$545,000
<i>Construction</i>	\$856,000	\$364,000
<i>Signal Work</i>	\$149,000	\$165,000
<b>Total</b>	<b>\$1,950,000</b>	<b>\$1,474,000</b>

*Note: All costs are in 2020 dollars*

# 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
<i>Total</i>	\$680,000	\$690,000

# 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*

