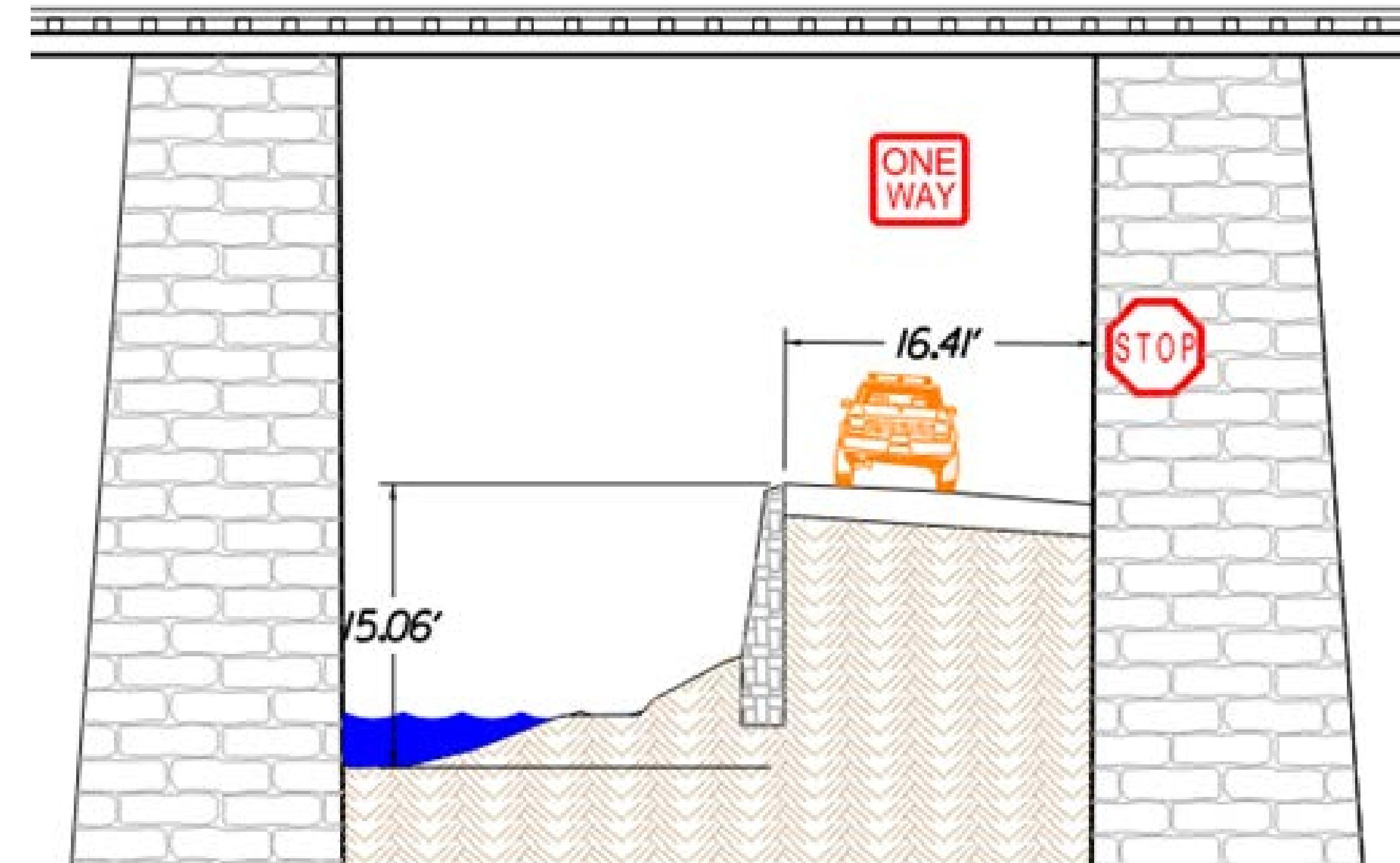


Dry Hollow Road Safety Improvements Project History

- **1998:** Board of Supervisors added the project to the VDOT Six Year Plan for 1998-2004, under the old system
- **2009:** Project removed from the VDOT Six Year Plan due to Recession funding cuts and restructuring
- **2013:** County staff investigated safety alternatives with VDOT
- **2014:** County applied for and received Revenue Sharing funding for a portion of the project (Fiscal Years 2016 and 2017 funding)
- **2017:** Board of Supervisors added the project to the Secondary Six-Year Plan to fund the project deficit
- **2019:** VDOT began Preliminary Engineering

Existing Conditions

- Narrow roadway width (one lane under bridge)
- Limited sight distance due to the road curving under the railroad bridge
- Norfolk Southern Historic Railroad Bridge
- Dry Hollow Creek shares space under the bridge and floods the roadway
- A rock wall holds the roadway above the creek
- Only access to approximately 60 households and to Camp Roanoke
- Road also provides access to Spring Hollow Reservoir



Existing Cross Section under Railroad Bridge

Project Goals

1. Reinforce roadway against the creek to reduce possibility of the roadway failing.
2. Improve safety by widening the roadway for two-way travel.

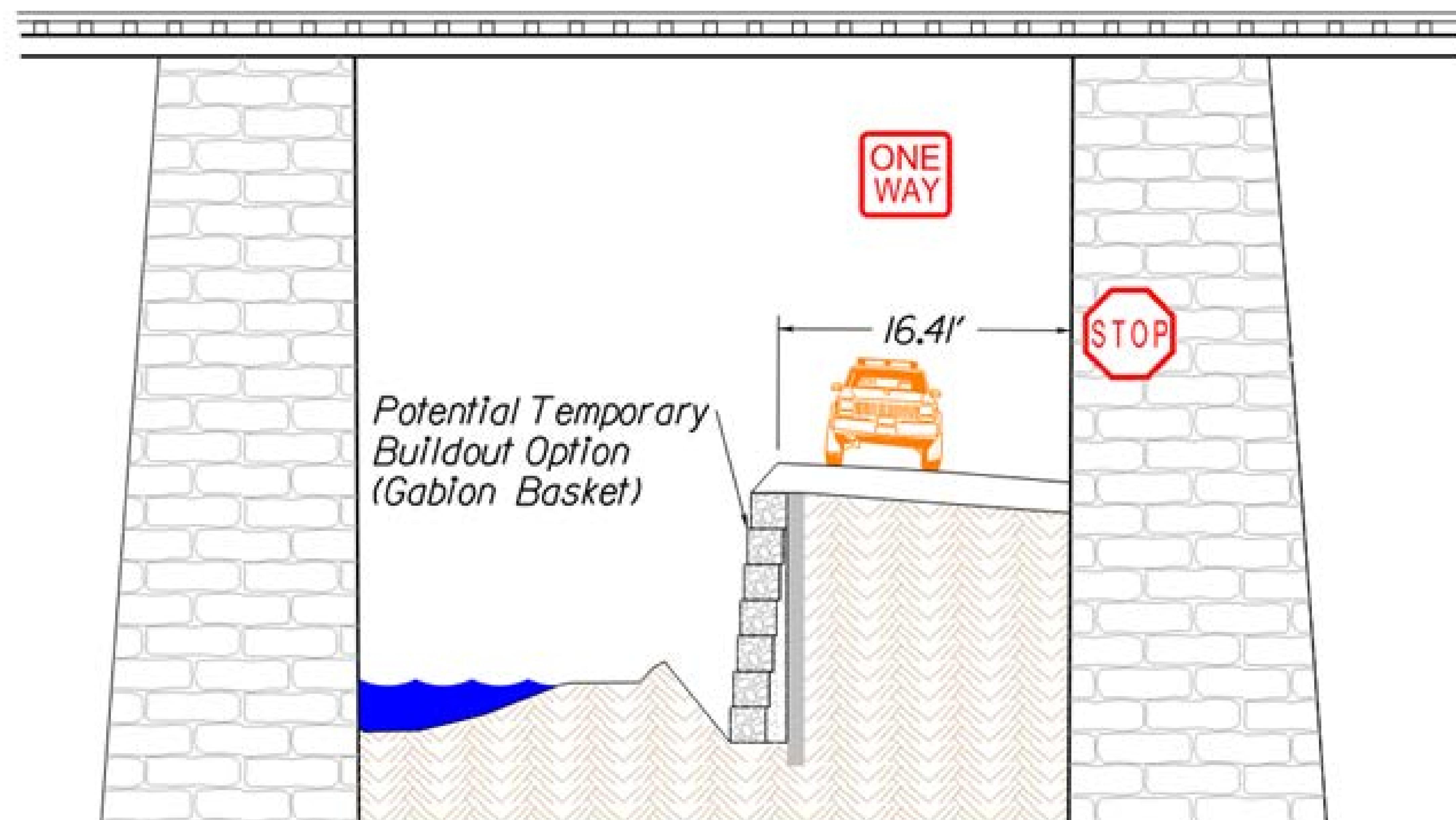


Existing Rock Wall between Roadway and Creek

Proposed Phase 1: Construction in 2022

Reinforce roadway against the creek to reduce the possibility of the roadway failing.

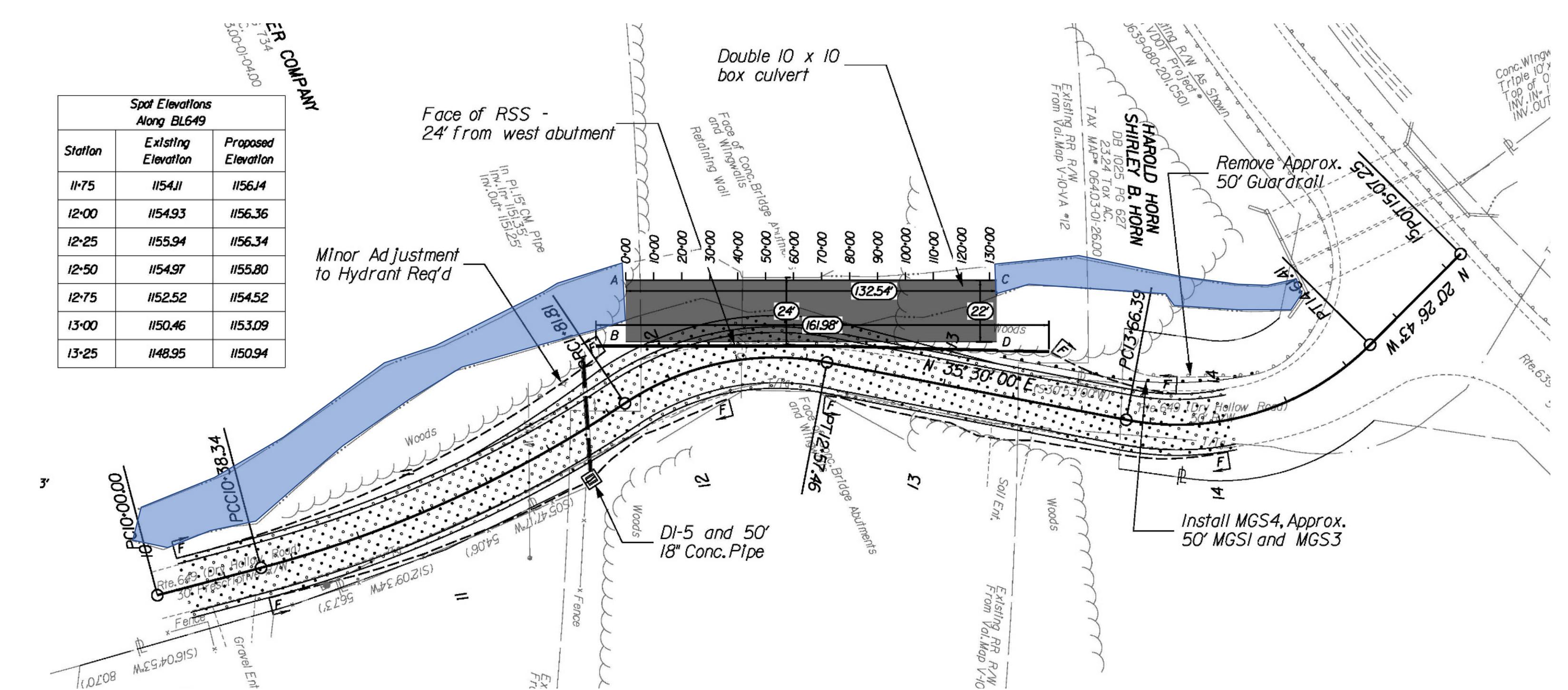
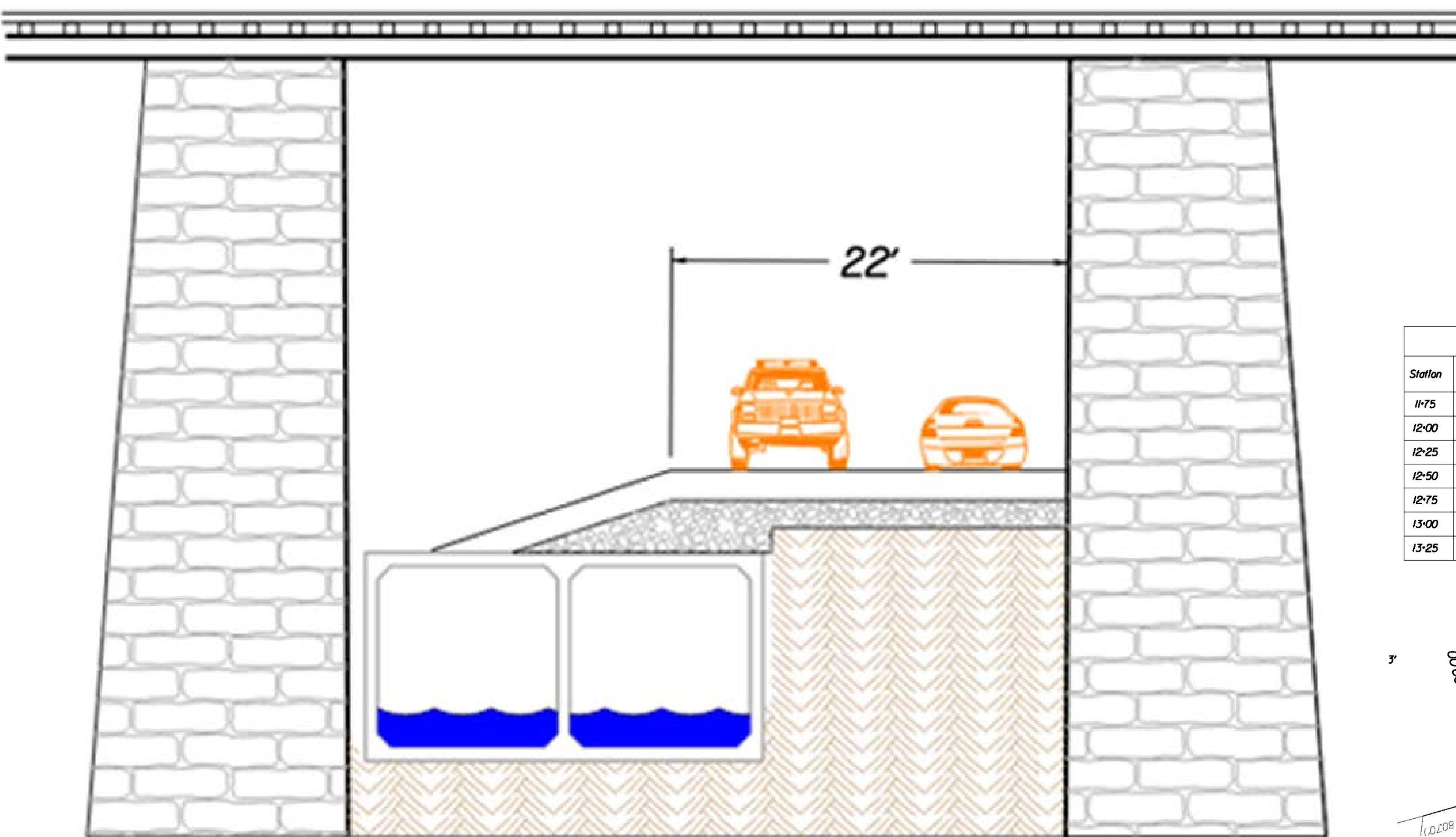
1. Install a soil nail wall at the creek to stabilize the roadway and to prepare for the double box culvert proposed in Phase 2.
2. Install a modular block wall in front of the soil nail wall.



Proposed Phase 2: Construction when Funding is Obtained and Available

Improve safety by widening the roadway for two-way travel.

1. Remove the modular block wall.
2. Install double 10x10x130-foot-long box culverts under the bridge for the creek and extend the roadway onto the culverts to construct an 18-foot-wide roadway with two-foot-wide shoulders.



Project Funding

Current project funding (2017 estimate): **\$2,185,000**

- Revenue Sharing: \$1,226,000 (50/50 VDOT/County funding)
- Secondary Six-Year Plan: \$959,000 (100% VDOT funding)

Updated cost (2021 estimate): **\$4,785,000**

- Most of the increase is due to the expense of purchasing, making room for and installing double 130-foot-long culverts that were not anticipated at the start of the project.

Current deficit: **\$2,505,236**

County Share (50% through VDOT Revenue Sharing): **\$1,252,618**

- A Revenue Sharing application was submitted in October 2021.
- Awards will be finalized in June 2022, though funding will not be available until later years.

Status Update and Next Steps

- **Mid-November 2021 through mid-January 2022:** VDOT will be gathering field information in the vicinity of the project site.
- **First half of 2022:** VDOT will hold a Citizen Information Meeting to share additional project details and will mail letters to impacted property owners notifying them about the project and asking if they would like VDOT to hold a public hearing (called a Willingness to Hold a Public Hearing).
- **June 2022:** Final Revenue Sharing Program awards will be announced. Phase 2 construction depends upon whether or not additional project funding is awarded.
- **Second half of 2022:** Phase 1 construction is anticipated to begin.

Roanoke County 200 Plan Community Meetings



Remaining Fall meetings are open-house style from 4:00 p.m. to 8:00 p.m.

- **Back Creek:** Back Creek Elem. School - Thursday, October 28
- **Bent Mountain:** Bent Mountain Center - Thursday, November 4
- **Glenvar:** Fort Lewis Elementary School - Monday, November 8
- **South County:** South County Library – Wednesday, Nov. 17
- **North County:** Green Ridge Center – Thursday, November 18