Project Area
Project Area
Project Background

- Existing Bridge is Structurally Deficient
  - Closed to Traffic in 2007
- Project Scope – Full Bridge Replacement
  - Structural Design
  - Geotechnical Design
  - Hydraulic Analysis
  - Environmental Permitting
  - Drainage Design
- VDOT Funding for Design and Construction
Existing Bridge
Proposed Bridge Design

- 34’ Long Single Span x 37’ Wide
  - Span over existing abutments
- Maintain Current Lane Widths and Sidewalk
- Maintain Existing Roadway Profile
Proposed Bridge Design
Proposed Bridge Design
Proposed Bridge Design
Proposed Bridge Design

- Utilize Existing Fieldstone Walls
  - Scour protection
  - Utility impacts

- Utility Relocations
  - 18” transite waterline
  - 8” sewer line
Proposed Bridge Design

- Concrete Construction
  - Durable
  - Reduced maintenance costs
  - Reduced inspection costs
- Metal Railing
  - Aesthetically pleasing
  - Pedestrian and bicycle protection
Project Schedule

- Design & Permitting Complete
  - Summer 2019
- Project Advertisement / Procurement
  - Summer / Fall 2019
- Begin Construction
  - Fall 2019
- Construction Complete
  - Spring / Summer 2020
Questions?