

City of Baltimore Department of Transportation

Rehabilitation of Bridge No. BC3456 on Remington Avenue over Stony Run – TR14309



Existing Concrete and Stone Arch Bridge

80% Design Display

The Existing Bridge is in need of rehabilitation, Existing Conditions Include:

- Cracks and Deterioration
- Settlement and Displacement
- Limited Hydraulic Capacity.

All roadway lanes and sidewalks will be open during construction. All construction work will be done below the roadways at the bridge arch level.

Remington Avenue Bridge Rehabilitation Steps:

- Install new overflow tunnel adjacent to existing arch
- Installation of Structural Liner
 - Reinforced Concrete Arch Liner and Wing Walls
 - Match stone style with new stone look finish
 - Provide riparian plantings on embankment and access road
- No impacts to vehicular traffic or pedestrians



The proposed arch liner will be a little smaller than the existing, with an adjacent overflow tunnel providing the larger flow area needed to improve hydraulics.

Proposed Overflow Tunnel and Lined Arch Bridge