

812 Belton Drive Culvert Replacement

Existing Conditions

Description:

The culvert outlet is located approximately 46' east of 812 Belton Drive. The existing culvert consists of a 46' long 40"x30" CMP with stone headwalls. The pavement has moderate scaling with random locations of transverse and longitudinal cracks. There is erosion behind the inlet headwall measuring approximately 2' wide x 3.5' long x 2' deep. The CMP has areas of 100% section loss throughout the pipe invert. There is also sediment buildup at the culvert outlet.

Spans: 1

Length: 46'

Width: 40"

Rise: 30"

Reasons for replacement:

- ✓ 100% Section Loss
- ✓ Embankment Erosion



Inlet Headwall



100% Section Loss



Embankment Erosion

812 Belton Drive Culvert Replacement

Proposed Conditions

Description:

The proposed culvert construction will include two 30"x19" reinforced concrete pipes, reinforced concrete headwalls, roadway reconstruction, and site restoration to ensure proper functionality.

Spans: 1

Length: 46.5'

Width: 38"

Rise: 24"

Opinion of Probable Cost: \$125,000

Anticipated Construction Duration: 2 Weeks

Anticipated Schedule for Construction:

December 5th through December 16th

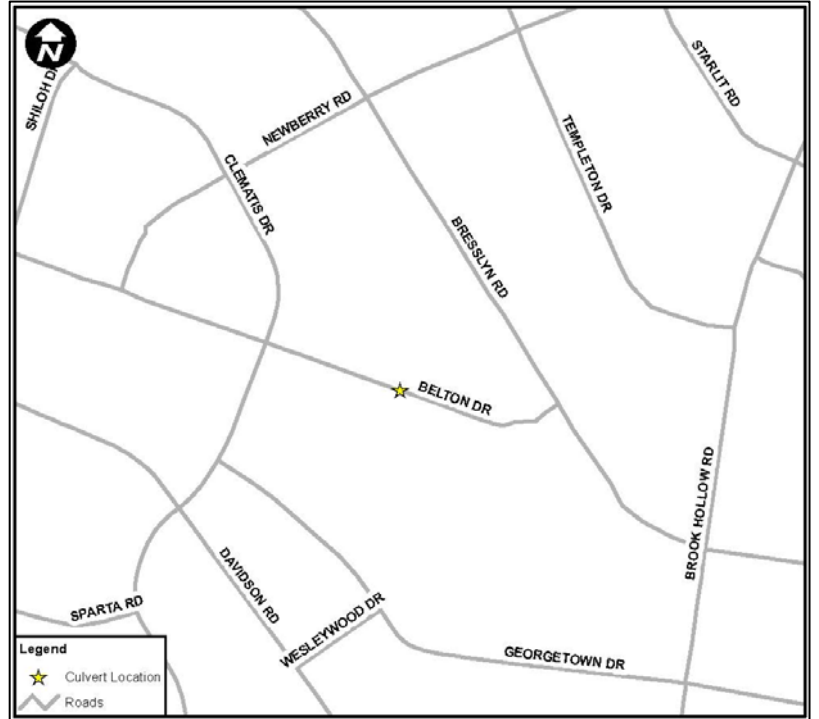
Intermittent Lane Closures:

December 5th through December 16th

Project Status: Ready for construction

Construction Challenges:

- ✓ Traffic Control



Vicinity Map