

4057 Mills Road Culvert Replacement

Existing Conditions

Description:

The culvert is located approximately 35' south of the featured address, 4057 Mills Road. The culvert consists of a 24" CMP with no headwalls. The CMP has areas of 100% section loss along the pipe invert, areas of seam separation with roadway backfill infiltration, as well as a partial pipe collapse. Additionally, the outlet is partially buried. The pavement over the culvert has several areas of settlement with heavy transverse and longitudinal cracking.

Spans: 1

Length: 28'

Width: 24"

Rise: 24"

Reasons for replacement:

- ✓ 100% Section Loss
- ✓ Crushed Pipe Inlet
- ✓ Collapsed CMP



Crushed Pipe Outlet



Section Loss & Pipe Collapse



Pavement Settlement & Cracks

4057 Mills Road Culvert Replacement

Proposed Conditions

Description:

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

Spans: 1

Length: 38'

Width: 30"

Rise: 19"

Opinion of Probable Cost: \$150,000

Anticipated Construction Duration: 2 Weeks

Anticipated Schedule for Construction:

November 21st through December 2nd

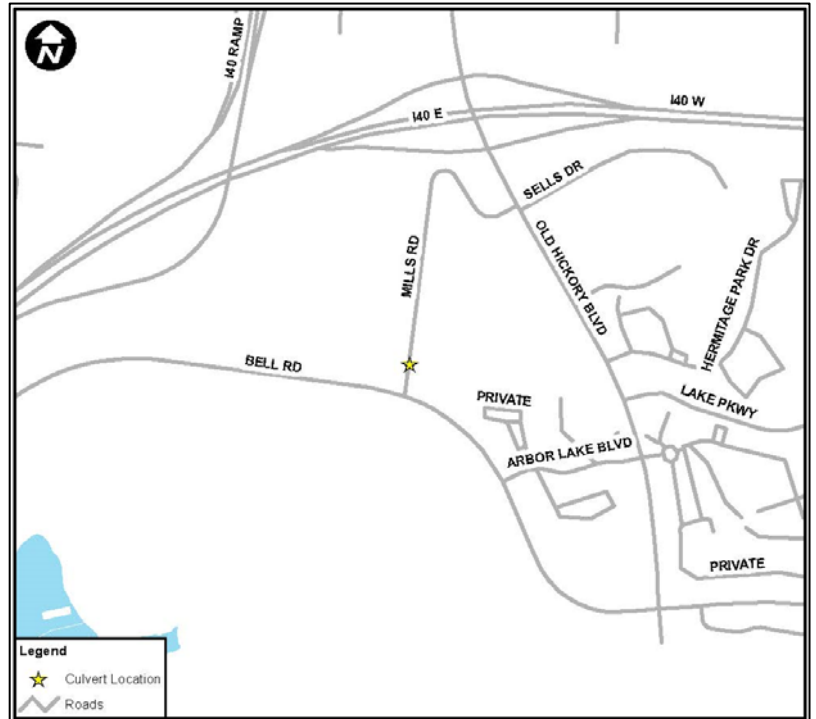
Intermittent Lane Closures:

November 21st through December 2nd

Project Status: Ready for construction

Construction Challenges:

- ✓ Traffic Control



Vicinity Map