

6410 Eaton's Creek Road Culvert Replacement

Existing Conditions

Description:

The existing culvert consists of a 46' long 18" RCP. There are areas of pavement settlement and asphalt cracking directly above the culvert. The reinforced concrete pipe has separated at the bell and settled under the roadway. Additionally, the outlet headwall has a large concrete crack.

Spans: 1

Length: 46'

Width: 18"

Rise: 18"

Reasons for replacement:

- ✓ Pavement Settlement
- ✓ Asphalt Cracks
- ✓ Pipe Separation



Pavement Settlement & Asphalt Cracking



Pipe Separation & Settlement



Concrete Damage @ Outlet Headwall

6410 Eaton's Creek Road Culvert Replacement

Proposed Conditions

Description:

The proposed culvert construction will include an 18" reinforced concrete pipe, reinforced concrete headwalls, roadway reconstruction, and site restoration to ensure proper functionality.

Spans: 1

Length: 53'

Width: 18"

Rise: 18"

Opinion of Probable Cost: \$95,000

Anticipated Construction Duration: 3 Weeks

Anticipated Schedule for Construction:

July 6th through July 27th

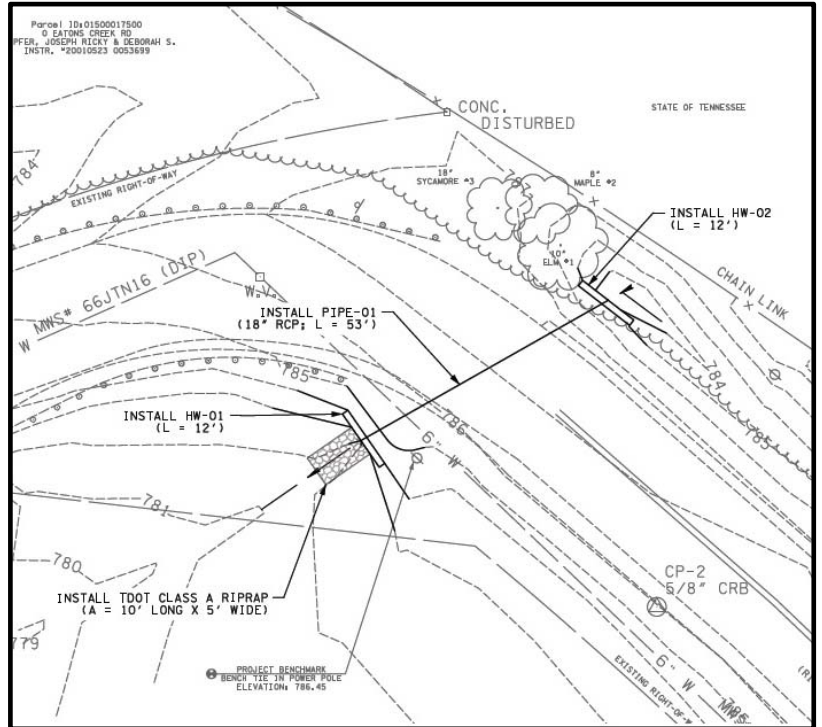
Intermittent Lane Closures:

July 6th through July 27th

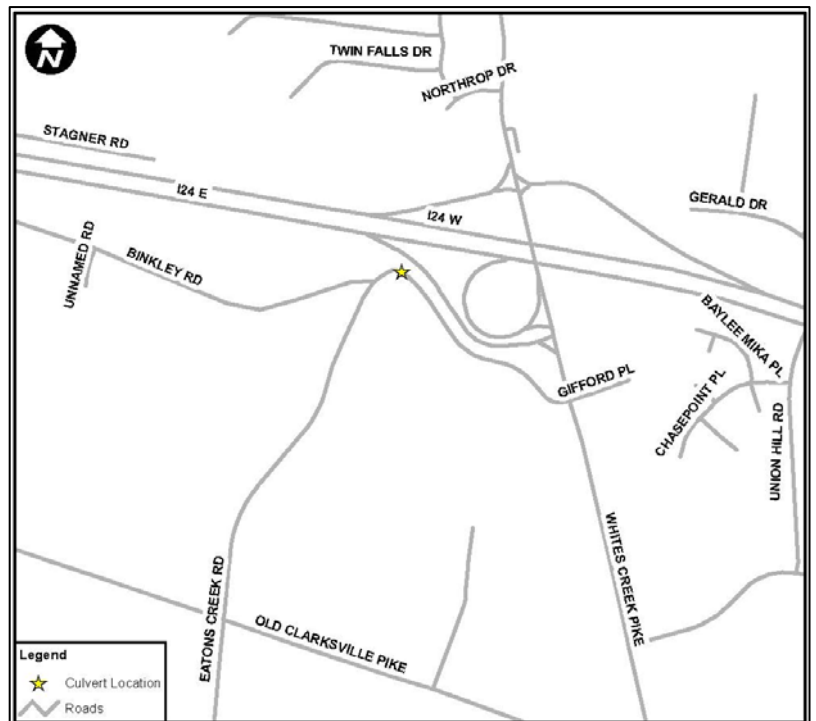
Project Status: Ready for construction

Construction Challenges:

- ✓ Coordination Between Utilities and the NDOT Annual Contractor
- ✓ Maintenance of Traffic Through Construction Site



Project Plan View



Vicinity Map