

1108 Frances Ave Culvert Replacement

Existing Conditions

Description:

The culvert structure consists of a 22' long 72"x44" Timber Framed Slab Bridge. The timber framing has rotten members, there is an area of embankment destabilization at the inlet, and there are areas of scour that are destabilizing the abutment walls. Additionally, there is asphalt cracking over the structure.

Spans: 1

Length: 22'

Width: 72"

Rise: 44"

Reasons for Rehabilitation:

- ✓ Scour w/ Abutment Wall Destabilization
- ✓ Rotten Timber Frames
- ✓ Asphalt Cracking
- ✓ Embankment Destabilization



Culvert Inlet



Rotten Timber Frame Superstructure



Scour w/ Associated Abutment Wall Destabilization

1108 Frances Ave Culvert Replacement

Proposed Conditions

Description:

The proposed culvert replacement shall include the installation of a 34' long 12'x4' Slab Bridge with reinforced concrete wingwalls. Additionally, the project will require the relocation of a water main, gas main, and sanitary sewer main.

Spans: 1

Length: 34'

Width: 12'

Rise: 4'

Opinion of Probable Cost: \$470,000

Anticipated Construction Duration: 3.5 Month

Anticipated Schedule for Construction:

January 3rd through April 19th

Anticipated Road Closures:

January 3rd through April 19th

Project Status: Ready for construction

Construction Challenges:

- ✓ Utility Relocation
- ✓ Site Maintenance
- ✓ Stormwater Management



Detour Map