

Title * Olmstead JEF-51-3.30

Culvert/Bridge Number JEF-51-3.30

Geo Location 39.927264109783515 -83.27839091420174

General Appraisal 3 Serious condition - loss of section, deterioration, or spalling have seriously affected primary structural components

Span Size 4 feet

Culvert Length 45 feet

Size of Culvert 4 ft steel arch to 36 inch with 15inch overflow

Type Culvert Metal

Conduit

Level of Inspection X - INPSECTED FROM ENDS OF CONDUIT (NON-ENTRY)

Material 3 SERIOUS

Conduit Alignment 8 VERY GOOD

Shape 6 SATISFACTORY

Seams and Joints 4 POOR

Slab

Abutments

Headwalls 8 very good Hairline cracking without rust staining or delamination(s). No dampness, leakage, or spalling. Isolated damage from construction. Minor rotation of less

End Structure

Channel

Channel Alignment 8 Very Good Channel has straight alignment for more than 100 feet upstream. Flow hits protective materials placed to protect conduit material.

Conduit Waterway Blockage 7 Good Conduit waterway blockage is less than 5% of the cross-sectional area of the opening. Bank and channel have minor amounts of drift.

Scour 8 Very Good Minor scour holes developing at inlet or outlet. Scour protection placed.

Channel Projection 8 Very Good No noteworthy deficiencies which affect the condition of the channel protection 100 feet upstream. Banks are protected or well vegetated.

Approaches

Pavement 6 Satisfactory Minor pavement deterioration: Minor potholes and cracking. Minor settlement.

Guardrail 5 Fair Noticeable sag or rotation of the guardrail with misalignment of up to 5 posts in a row.

Embankment 6 Satisfactory Minor erosion caused by drainage.

Comments Culvert section under pavement is older, has perforations 6 inches in diameter. Can see backfill behind culvert. Water too high to inspect in 2024.

Owner Rapp, Aaron

Completed DateTime 12/31/2024 12:00:00 AM

Request Category Culvert Inspection

Group Ops-Drainage