

Title * Olmstead FAI-51-0.44

Culvert/Bridge Number FAI-51-0.44

Geo Location 39.89318241255535 -83.25443744659425

General Appraisal 6 Satisfactory condition - structural elements show some deterioration

Span Size 6 feet

Culvert Length 22 feet

Size of Culvert 6x2.5 box

Type Culvert Concrete

Conduit

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

Material 6 SATISFACTORY

Conduit Alignment 8 VERY GOOD

Shape 8 VERY GOOD

Seams and Joints 6 SATISFACTORY

Slab 7 Good Hairline cracking with no single crack greater than $\frac{1}{16}$ inch parallel to the direction of traffic. Light scaling less than $\frac{1}{8}$ inch deep on less than 10% of exposed area.

Abutments 6 SATISFACTORY

Headwalls 7 Good Hairline cracking. No single crack greater than $\frac{1}{16}$ inch. No rust staining. Minor rotation of less than 1 inch per foot.

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 7 Good Minor scour holes developing at inlet or outlet. Top of footings is exposed. Probing indicates soft material in scour hole.

Channel Projection 7 Good Channel bank(s) beginning to slump. Embankment protection has minor damage. Bank protection needs minor repairs.

Approaches

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

Guardrail 0 Failed Total failure of guardrail.

Embankment 8 Very Good Minor rutting from drainage; vegetation intact.

Comments Guardrail has been completely destroyed by vehicle.

Owner Rapp, Aaron

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

Request Category Culvert Inspection

Group Ops-Drainage