

Title * Olmstead FAI-51-0.95

Culvert/Bridge Number FAI-51-0.95

Geo Location 39.90005751826824 -83.25729534029962

General Appraisal 2 Critical condition - advanced deterioration of primary structural elements. Conduit should be closed or closely monitored, until corrective action is taken.

Span Size 8 feet

Culvert Length 50 feet

Size of Culvert 8 feet

Type Culvert Metal

Conduit

Level of Inspection M- MANNED ENTRY INSPECTION

Material 2 CRITICAL

Conduit Alignment 7 GOOD

Shape 5 FAIR

Seams and Joints 5 FAIR

Slab

Abutments

Headwalls

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 9 Excellent No blockage. Designed condition.

Scour 2 Critical Streambed degradation causing severe settlement.

Channel Projection 3 Serious Channel protection has failed. Channel has moved to where the conduit and approach roadway are threatened.

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 3 Serious Shoulder eroded away. Guardrail post anchorage undermined more than 3 posts in a row.

Comments Invert has large perforations through the entirety of the culvert. Inlet has major erosion degrading closer to the edge of pavement. Last section of culvert has settled lower than the rest of the culvert, possibly due to major scour at outlet.

Owner Rapp, Aaron

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

Request Category Culvert Inspection

Group Ops-Drainage