

Title * Roberts Mill UNI-96-4.70

Culvert/Bridge Number UNI-96-4.70

Geo Location 39.90913444096271 -83.50789681077003

General Appraisal 6 Satisfactory condition - structural elements show some deterioration

Span Size 8 feet

Culvert Length 18 feet

Size of Culvert 8x2 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 8 VERY GOOD

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 7 GOOD

Headwalls 6 Satisfactory Hairline map cracking combined with molted areas. Minor differential settlement. Barrel pulling away from headwall

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 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 4 Poor Misalignment of up to 6 posts in a row with significant settlement and rotation.

Embankment 6 Satisfactory Minor erosion caused by drainage.

Comments Culvert is very narrow in the roadway.

Owner Rapp, Aaron

Completed DateTime 01/30/2025 12:00:00 AM

Request Category Culvert Inspection

Group Ops-Drainage

Request Status 5 - Closed