

Title * Roberts Mill SOM-96-6.17
Culvert/Bridge Number SOM-96-6.17
Geo Location 39.93058588773206 -83.50169084966184
General Appraisal 4 Poor condition - advanced section loss, deterioration, or spalling
Span Size 6 feet
Culvert Length 24 feet
Size of Culvert 6x3 box
Type Culvert Concrete

Conduit

Level of Inspection M- MANNED ENTRY INSPECTION
Material 4 POOR
Conduit Alignment 7 GOOD
Shape 7 GOOD
Seams and Joints 5 FAIR
Slab 6 Satisfactory Hairline map cracking combined with molted areas. Cracks less than 1/8 inch parallel to traffic with minor efflorescence or minor amounts of leakage.
Abutments 4 POOR
Headwalls 4 Poor Map cracking with dark, damp, effloresces, and unsound concrete over 30% of wall face.
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 8 Very Good Minor amounts of sediment build-up with no appreciable loss of opening.
Scour 3 Serious Major scour holes, 3 feet or deeper, at inlet or outlet undermining cutoff walls or headwalls. Footing is undermined.
Channel Projection 5 Fair Broken up concrete channel protection at inlet of a conduit. Bank protection is being eroded away.

Approaches

Pavement 4 Poor Broken pavement with settlement and misalignment
Guardrail 3 Serious Misalignment of more than 6 posts in a row with serious settlement and rotation.
Embankment 6 Satisfactory Minor erosion caused by drainage.
Comments Gabion basket falling over. Headwalls deteriorated. Major scour at outlet. Hole in side of abutment as been patched with steel plate and new backfill behind abutment. Steel plate will rust over time.
Owner Rapp, Aaron
Completed DateTime 01/31/2025 12:00:00 AM
Request Category Culvert Inspection
Group Ops-Drainage
Request Status 5 - Closed