

Title * Charleston-Chillicothe STO-15-2.40
Culvert/Bridge Number STO-15-2.40
Geo Location 39.724851871980256 -83.5143354535103
General Appraisal 3 Serious condition - loss of section, deterioration, or spalling have seriously affected primary structural components
Span Size 8 feet
Culvert Length 22 feet
Size of Culvert 8x3 box
Type Culvert Concrete

Conduit

Level of Inspection M- MANNED ENTRY INSPECTION
Material 3 SERIOUS
Conduit Alignment 7 GOOD
Shape 4 POOR
Seams and Joints 4 POOR
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 5 FAIR
Headwalls 3 Serious Map cracking with dark, damp, effloresces, and unsound concrete over 40% of wall face. Several transverse cracks open more than 1/4 inch with efflorescence and rust staining.
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 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 7 Good Minor settlement or misalignment that affect the condition of the guardrail within 50 feet of the conduit. Limited to one or two guardrail posts.
Embankment 7 Good Moderate rutting from drainage; minor amount of bare soil exposed.
Comments Face on either side severely deteriorated with exposed rebar.
Owner Rapp, Aaron
Completed DateTime 01/27/2025 12:00:00 AM
Request Category Culvert Inspection
Group Ops-Drainage
Request Status 5 - Closed