

Title * McClimansville Cemetery PLE-57-0.60
Culvert/Bridge Number PLE-57-0.60
Geo Location 39.73162935150618 -83.26043352484704
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 4 feet
Culvert Length 26 feet
Size of Culvert 4x2.5 box
Type Culvert Concrete

Conduit

Level of Inspection X - INPSECTED FROM ENDS OF CONDUIT (NON-ENTRY)
Material 2 CRITICAL
Conduit Alignment 7 GOOD
Shape 7 GOOD
Seams and Joints 6 SATISFACTORY
Slab 2 Critical Full depth holes. Total delaminated, spalled, map cracking, and punky concrete areas are greater than 50% of surface area. Reinforcing steel bars have extensive section loss
Abutments 2 CRITICAL
Headwalls 6 Satisfactory Hairline map cracking combined with molted areas. Minor differential settlement. Barrel pulling away from headwall
End Structure

Channel

Channel Alignment 4 Poor Flows into or along abutments or headwalls or wingwalls and has exposed footings. Stream has meandered or has deposited sediment diverting flow, causing erosion to embankment.
Conduit Waterway Blockage 4 Poor Conduit waterway blockage is less than 40% of the cross-sectional area of the opening. Occasional overtopping of roadway. Large deposits of debris are in the waterway.
Scour 4 Poor Significant scour holes, 3 feet or less deep, developing at inlet or outlet. Does not appear to be undermining cutoff walls or headwalls. Bottom of footing is exposed.
Channel Projection 6 Satisfactory Riprap starting to wash away. Minor erosion. Cracked concrete channel protection at inlet of a conduit.

Approaches

Pavement 4 Poor Broken pavement with settlement and misalignment
Guardrail
Embankment 7 Good Moderate rutting from drainage; minor amount of bare soil exposed.
Comments Repair to abutment and slab done several years ago has started to fail
Owner Rapp, Aaron
Completed DateTime 01/15/2025 12:00:00 AM
Request Category Culvert Inspection
Group Ops-Drainage