

Title * Roberts JEF-148-0.68
Culvert/Bridge Number JEF-148-0.68
Geo Location 39.922748084411985 -83.25410284101963
General Appraisal 3 Serious condition - loss of section, deterioration, or spalling have seriously affected primary structural components
Span Size 4 feet
Culvert Length 20 feet
Size of Culvert 4x3 box
Type Culvert Concrete

Conduit

Level of Inspection M- MANNED ENTRY INSPECTION
Material 3 SERIOUS
Conduit Alignment 7 GOOD
Shape 7 GOOD
Seams and Joints 7 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 3 SERIOUS
Headwalls 5 Fair Map cracking. Horizontal and diagonal cracks. Differential or rotational settlement. Barrel pulling away from headwall
End Structure

Channel

Channel Alignment 6 Satisfactory lows through 1 of 2 pipes in multi-cell. Flows along or into one abutment or wingwall or headwall. Doesn't flow through center of the conduit
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 5 Fair Minor scour holes, 2 feet or less deep, developing at inlet or outlet. Footings along the side are exposed less than 12 inches.
Channel Projection 7 Good Channel bank(s) beginning to slump. Embankment protection has minor damage. Bank protection needs minor repairs.

Approaches

Pavement 7 Good Minor problems: Raveling, hairline or map cracking. No settlement.
Guardrail
Embankment 7 Good Moderate rutting from drainage; minor amount of bare soil exposed.
Comments Floor is 75% deteriorated. Exposed rebar with scour under abutment.
Owner Rapp, Aaron
Completed DateTime 12/26/2024 12:00:00 AM
Request Category Culvert Inspection
Group Ops-Drainage