

Title * Taylor-Blair JEF-14-0.79
Culvert/Bridge Number JEF-14-0.79
Geo Location 39.947597445392205 -83.29185023903847
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 70 inches
Culvert Length 38 ft
Size of Culvert Twin 30 inch
Type Culvert Metal

Conduit

Level of Inspection X - INPSECTED FROM ENDS OF CONDUIT (NON-ENTRY)
Material 2 CRITICAL
Conduit Alignment 7 GOOD
Shape 6 SATISFACTORY
Seams and Joints 7 GOOD

Slab

Abutments

Headwalls

End Structure 4 Poor Map cracking with dark damp areas, effloresces, and unsound concrete. Several horizontal and diagonal cracks open less than 1/8 inch with efflorescence and rust staining.

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 9 Excellent No blockage. Designed condition.
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 4 Poor Channel protection is severely undermined. Rip rap is completely washed away. Major erosion. Failed concrete channel protection at inlet of a conduit

Approaches

Pavement 9 Excellent No noticeable defects.
Guardrail 9 Excellent Guardrail is free from deficiencies.
Embankment 9 Excellent No noteworthy deficiencies which affect the condition of the embankment up to 50 feet away from the conduit.
Comments Rust has completely deteriorated invert at outlet. No visible perforations under pavement, but has heavy flaking rust on invert. Erosion at outlet, needs rip rap. Basin at inlet needs new grate.
Owner Rapp, Aaron
Completed DateTime 12/18/2024 12:00:00 AM
Request Category Culvert Inspection
Group Ops-Drainage