

Title * West Jefferson-Kiousville FAI-22-4.62

Culvert/Bridge Number FAI-22-4.62

Geo Location 39.86503842871413 -83.28346766531469

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 36 inch

Culvert Length 40 feet

Size of Culvert 36 inch

Type Culvert Metal

Conduit

Level of Inspection X - INPSECTED FROM ENDS OF CONDUIT (NON-ENTRY)

Material 2 CRITICAL

Conduit Alignment 7 GOOD

Shape 5 FAIR

Seams and Joints 7 GOOD

Slab

Abutments

Headwalls

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 6 Satisfactory Conduit waterway blockage is less than 10% of the cross-sectional area of the opening. Sediment buildup causing flow through 1 of 2 pipes.

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 5 Fair Minor cracking, spalling, and moderate potholes. Settlement and misalignment.

Guardrail

Embankment 7 Good Moderate rutting from drainage; minor amount of bare soil exposed.

Comments Invert has heavy rust with large perforations. Backfill starting to wash inside culvert, creating possible void under pavement

Owner Rapp, Aaron

Completed DateTime 01/02/2025 12:00:00 AM

Request Category Culvert Inspection

Group Ops-Drainage