

**Title \*** West Jefferson-Kiousville JEF-22-9.15

**Culvert/Bridge Number** JEF-22-9.15

**Geo Location** 39.926518487319406 -83.28577235341072

**General Appraisal** 3 Serious condition - loss of section, deterioration, or spalling have seriously affected primary structural components

**Span Size** 24 inches

**Culvert Length** 28 feet

**Size of Culvert** 24 inches

**Type Culvert** Clay

### Conduit

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

**Material** 7 GOOD

**Conduit Alignment** 4 POOR

**Shape** 7 GOOD

**Seams and Joints** 3 SERIOUS

**Slab**

**Abutments**

**Headwalls** 3 Serious Map cracking with dark, damp, effloresces, and unsound concrete over 40% of wall face. Several transverse cracks open more than ¼ 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** 3 Serious Major scour holes, 3 feet or deeper, at inlet or outlet undermining cutoff walls or headwalls. Footing is undermined.

**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** 4 Poor Broken pavement with settlement and misalignment

**Guardrail** 0 Failed Total failure of guardrail.

**Embankment** 5 Fair Erosion caused by drainage or channel. Evidence of foundation settlement. Erosion to embankment impacting guardrail performance or encroaching on shoulder.

**Comments** Guardrail has failed. Last section of culvert has joint misaligned. Backfill has eroded, causing a hole in the edge of pavement/berm. Headwall at outlet has started to fall over.

**Owner** Rapp, Aaron

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

**Request Category** Culvert Inspection

**Group** Ops-Drainage