

Title * West Jefferson-Kiousville JEF-22-7.44

Culvert/Bridge Number JEF-22-7.44

Geo Location 39.90316662572094 -83.290144354105

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

Span Size 6.5 feet

Culvert Length 24 feet

Size of Culvert 6.5x3.5 Box

Type Culvert Concrete

Conduit

Level of Inspection M- MANNED ENTRY INSPECTION

Material 3 SERIOUS

Conduit Alignment 7 GOOD

Shape 6 SATISFACTORY

Seams and Joints 6 SATISFACTORY

Slab 6 Satisfactory Hairline map cracking combined with molted areas. Cracks less than 1/8 inch parallel to traffic with minor efflorescence or minor amounts of leakage.

Abutments 3 SERIOUS

Headwalls 3 Serious Map cracking with dark, damp, effloresces, and unsound concrete over 40% of wall face. Several transverse cracks open more than 1/4 inch with efflorescence and rust staining.

End Structure

Channel

Channel Alignment 7 Good Silt and gravel buildup restrict half of the channel. Tree or bush growing in the channel.

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 7 Good Minor scour holes developing at inlet or outlet. Top of footings is exposed. Probing indicates soft material in scour hole.

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 7 Good Minor problems: Raveling, hairline or map cracking. No settlement.

Guardrail 5 Fair Noticeable sag or rotation of the guardrail with misalignment of up to 5 posts in a row.

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

Comments

Owner Rapp, Aaron

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

Request Category Culvert Inspection

Group Ops-Drainage