

Title * Finley-Guy PIK-123-4.32
Culvert/Bridge Number PIK-123-4.32
Geo Location 40.05745460294608 -83.3933611214161
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 72inch
Culvert Length 40ft
Size of Culvert 72inch
Type Culvert Metal

Conduit

Level of Inspection M- MANNED ENTRY INSPECTION

Material 2 CRITICAL

Conduit Alignment 8 VERY GOOD

Shape 6 SATISFACTORY

Seams and Joints 6 SATISFACTORY

Slab

Abutments

Headwalls 7 Good Hairline cracking. No single crack greater than $1/16$ inch. No rust staining. Minor rotation of less than 1 inch per foot.

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 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 6 Satisfactory Riprap starting to wash away. Minor erosion. Cracked concrete channel protection at inlet of a conduit.

Approaches

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

Guardrail 9 Excellent Guardrail is free from deficiencies.

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

Comments Major rust perforations through entire invert. Can see backfill behind culvert.

Owner Rapp, Aaron

Completed DateTime 12/04/2024 12:00:00 AM

Request Category Culvert Inspection

Group Ops-Drainage