

Title * Plain City-Georgesville JEF-7-3.23

Culvert/Bridge Number JEF-7-3.23

Geo Location 40.00071897413018 -83.26428517699243

General Appraisal 6 Satisfactory condition - structural elements show some deterioration

Span Size 84 inch

Culvert Length 80 ft

Size of Culvert 84 inch

Type Culvert Metal

Conduit

Level of Inspection M- MANNED ENTRY INSPECTION

Material 6 SATISFACTORY

Conduit Alignment 9 EXCELLENT

Shape 8 VERY GOOD

Seams and Joints 8 VERY GOOD

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 6 Satisfactory Minor scour holes, 1 foot or less deep, developing at inlet or outlet. Footings along the side are exposed less than 6 inches.

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 9 Excellent No noticeable defects.

Guardrail 6 Satisfactory Noticeable sag and misalignment in the guardrail that may indicate possible settlement; minor rotation of posts; up to 3 posts in a row affected.

Embankment 8 Very Good Minor rutting from drainage; vegetation intact.

Comments Layers of flaking rust on invert, no visible perforations yet. Scour at outlet of culvert, risk of undermining culvert.

Owner Rapp, Aaron

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

Request Category Culvert Inspection

Group Ops-Drainage