

Title * Little Darby MON-116-1.17
Culvert/Bridge Number MON-116-1.17
Geo Location 39.99065642304249 -83.37589799839212
General Appraisal 5 Fair condition - all primary structural elements are sound, but may have minor section loss
Span Size 64 inches
Culvert Length 32ft
Size of Culvert 64x36 steel arch
Type Culvert Metal

Conduit

Level of Inspection M- MANNED ENTRY INSPECTION

Material 5 FAIR

Conduit Alignment 7 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 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 7 Good Channel bank(s) beginning to slump. Embankment protection has minor damage. Bank protection needs minor repairs.

Approaches

Pavement 8 Very Good Hairline cracks in pavement. Minor scaling.

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

Comments Small perforations starting in invert. Flakey layers of rust throughout invert. Invert slightly deformed, no longer flat.

Owner Rapp, Aaron

Completed DateTime 11/26/2024 12:00:00 AM

Request Category Culvert Inspection

Group Ops-Drainage