

Title * Smith Calhoun DAR-37-3.40
Culvert/Bridge Number DAR-37-3.40
Geo Location 40.09077320191899 -83.24826031923295
General Appraisal 5 Fair condition - all primary structural elements are sound, but may have minor section loss
Span Size 30 inch
Culvert Length 60ft
Size of Culvert 30 inch
Type Culvert Metal

Conduit

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

Material 5 FAIR

Conduit Alignment 6 SATISFACTORY

Shape 7 GOOD

Seams and Joints 7 GOOD

Slab

Abutments

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

End Structure 3 Serious Map cracking with dark damp areas and effloresces over at least 40% of wall face. Several transverse cracks open more than $\frac{1}{4}$ inch. Spalling at numerous locations.

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

Guardrail

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

Comments End structure catch basin has failed. Concrete bottom of basin has deteriorated, causing a large hole in floor of basin. Visible perforations to invert of culvert.

Owner Rapp, Aaron

Completed DateTime 12/06/2024 12:00:00 AM

Request Category Culvert Inspection

Group Ops-Drainage