

Title * Moon STO-80-1.18

Culvert/Bridge Number STO-80-1.18

Geo Location 39.730207074639836 -83.58790576457979

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 8 feet

Culvert Length 21 feet

Size of Culvert 8x3 box

Type Culvert Concrete

Conduit

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

Material 2 CRITICAL

Conduit Alignment 7 GOOD

Shape 7 GOOD

Seams and Joints 7 GOOD

Slab 7 Good Hairline cracking with no single crack greater than $\frac{1}{16}$ inch parallel to the direction of traffic. Light scaling less than $\frac{1}{8}$ inch deep on less than 10% of exposed area.

Abutments 4 POOR

Headwalls 6 Satisfactory Hairline map cracking combined with molted areas. Minor differential settlement. Barrel pulling away from headwall

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 2 Critical Streambed degradation causing severe settlement.

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

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

Comments Concrete floor completely gone. Only exposed rebar left. Very little structural support under abutments.

Owner Rapp, Aaron

Completed DateTime 01/28/2025 12:00:00 AM

Request Category Culvert Inspection

Group Ops-Drainage

Request Status 5 - Closed