

Title * Mechanicsburg Sanford MON-27-2.84
Culvert/Bridge Number MON-27-2.84
Geo Location 40.04495751108279 -83.46567522014833
General Appraisal 3 Serious condition - loss of section, deterioration, or spalling have seriously affected primary structural components
Span Size 9.5ft
Culvert Length 24 ft
Size of Culvert 9.5x5 Box
Type Culvert Concrete

Conduit

Level of Inspection M- MANNED ENTRY INSPECTION
Material 4 POOR
Conduit Alignment 6 SATISFACTORY
Shape 6 SATISFACTORY
Seams and Joints 6 SATISFACTORY
Slab 5 Fair Map cracking. Cracks less than 1/8 inch parallel to traffic and cracks less than 1/16 inch transverse to traffic with efflorescence or rust stain, leakage and molted areas.
Abutments 4 POOR
Headwalls 3 Serious Map cracking with dark, damp, effloresces, and unsound concrete over 40% of wall face. Several transverse cracks open more than 1/4 inch with efflorescence and rust staining.
End Structure

Channel

Channel Alignment 6 Satisfactory lows through 1 of 2 pipes in multi-cell. Flows along or into one abutment or wingwall or headwall. Doesn't flow through center of the conduit
Conduit Waterway Blockage 7 Good Conduit waterway blockage is less than 5% of the cross-sectional area of the opening. Bank and channel have minor amounts of drift.
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 5 Fair Broken up concrete channel protection at inlet of a conduit. Bank protection is being eroded away.

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 Rebar exposed throughout entire structure. Concrete falls apart on abutments, deck, face, and wing walls when hit with hammer. Deep groundhog hole possibly under pavement behind west abutment.
Owner Rapp, Aaron
Completed DateTime 11/19/2024 12:00:00 AM
Request Category Culvert Inspection
Group Ops-Drainage