

Title * Old Xenia PAI-12-3.30
Culvert/Bridge Number PAI-12-3.30
Geo Location 39.8277737486874 -83.52123007178307
General Appraisal 3 Serious condition - loss of section, deterioration, or spalling have seriously affected primary structural components
Span Size 7 feet
Culvert Length 35 feet
Size of Culvert 7x4 arch
Type Culvert Concrete

Conduit

Level of Inspection M- MANNED ENTRY INSPECTION
Material 3 SERIOUS
Conduit Alignment 8 VERY GOOD
Shape 7 GOOD
Seams and Joints 5 FAIR
Slab
Abutments 3 SERIOUS
Headwalls 3 Serious Map cracking with dark, damp, effloresces, and unsound concrete over 40% of wall face. Several transverse cracks open more than ¼ inch with efflorescence and rust staining.
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 7 Good Minor scour holes developing at inlet or outlet. Top of footings is exposed. Probing indicates soft material in scour hole.
Channel Projection 7 Good Channel bank(s) beginning to slump. Embankment protection has minor damage. Bank protection needs minor repairs.

Approaches

Pavement 7 Good Minor problems: Raveling, hairline or map cracking. No settlement.
Guardrail
Embankment 6 Satisfactory Minor erosion caused by drainage.
Comments Hole behind abutment. Concrete has deteriorated.
Owner Rapp, Aaron
Completed DateTime 01/29/2025 12:00:00 AM
Request Category Culvert Inspection
Group Ops-Drainage
Request Status 5 - Closed