

Title * Old Xenia PAI-12-0.32
Culvert/Bridge Number PAI-12-0.32
Geo Location 39.80983204673302 -83.57039362192155
General Appraisal 3 Serious condition - loss of section, deterioration, or spalling have seriously affected primary structural components
Span Size 9 feet
Culvert Length 32 feet
Size of Culvert 9x4 box
Type Culvert Concrete

Conduit

Level of Inspection M- MANNED ENTRY INSPECTION
Material 4 POOR
Conduit Alignment 8 VERY GOOD
Shape 7 GOOD
Seams and Joints 7 GOOD
Slab 3 Serious Refer to the above rating for 4 Poor except reinforcing steel bars have extensive section loss: Greater than 20% of original diameter for more than 5 adjacent bars.
Abutments 5 FAIR
Headwalls 5 Fair Map cracking. Horizontal and diagonal cracks. Differential or rotational 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 4 Poor Significant scour holes, 3 feet or less deep, developing at inlet or outlet. Does not appear to be undermining cutoff walls or headwalls. Bottom of footing is exposed.
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 Slab crumbles when hit with hammer.
Owner Rapp, Aaron
Completed DateTime 01/28/2025 12:00:00 AM
Request Category Culvert Inspection
Group Ops-Drainage
Request Status 5 - Closed