

**Title \*** Charleston-Chillicothe STO-15-6.65

**Culvert/Bridge Number** STO-15-6.65

**Geo Location** 39.777555482426756 -83.5798390209675

**General Appraisal** 5 Fair condition - all primary structural elements are sound, but may have minor section loss

**Span Size** 4 feet

**Culvert Length** 58 feet

**Size of Culvert** 4 foot

**Type Culvert** Metal

### Conduit

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

**Material** 5 FAIR

**Conduit Alignment** 7 GOOD

**Shape** 6 SATISFACTORY

**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** 7 Good Hairline cracking. No crack greater than  $\frac{1}{16}$  inch. Light scalingless. Delaminated and spalled area less than 1% of surface area. Grate or casting less than  $\frac{1}{4}$  inch

### Channel

**Channel Alignment** 7 Good Silt and gravel buildup restrict half of the channel. Tree or bush growing in the channel.

**Conduit Waterway Blockage** 5 Fair Conduit waterway blockage is less than 30% of the cross-sectional area of the opening. Tree or bush growing in channel. Fence placed at inlet or outlet. Rock dams in conduit.

**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** 6 Satisfactory Riprap starting to wash away. Minor erosion. Cracked concrete channel protection at inlet of a conduit.

### Approaches

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

**Guardrail** 5 Fair Noticeable sag or rotation of the guardrail with misalignment of up to 5 posts in a row.

**Embankment** 4 Poor Major erosion caused by drainage or channel. Evidence of foundation settlement. Erosion to embankment impacting guardrail performance or encroaching on shoulder.

**Comments** Visible flaking rust on invert. Erosion next to outlet headwall.

**Owner** Rapp, Aaron

**Completed DateTime** 01/27/2025 12:00:00 AM

**Request Category** Culvert Inspection

**Group** Ops-Drainage

**Request Status** 5 - Closed