

**Title \*** Big Plain-Circleville FAI-4-8.08

**Culvert/Bridge Number** FAI-4-8.08

**Geo Location** 39.82017551838718 -83.26418459415437

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

**Span Size** 10 feet

**Culvert Length** 28 feet

**Size of Culvert** 10x4 box

**Type Culvert** Concrete

## Conduit

**Level of Inspection** M- MANNED ENTRY INSPECTION

**Material** 5 FAIR

**Conduit Alignment** 9 EXCELLENT

**Shape** 6 SATISFACTORY

**Seams and Joints** 6 SATISFACTORY

**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** 5 FAIR

**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**

## 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** 6 Satisfactory Conduit waterway blockage is less than 10% of the cross-sectional area of the opening. Sediment buildup causing flow through 1 of 2 pipes.

**Scour** 3 Serious Major scour holes, 3 feet or deeper, at inlet or outlet undermining cutoff walls or headwalls. Footing is undermined.

**Channel Projection** 5 Fair Broken up concrete channel protection at inlet of a conduit. Bank protection is being eroded away.

## Approaches

**Pavement** 5 Fair Minor cracking, spalling, and moderate potholes. Settlement and misalignment.

**Guardrail**

**Embankment** 7 Good Moderate rutting from drainage; minor amount of bare soil exposed.

**Comments**

**Owner** Rapp, Aaron

**Completed DateTime** 01/03/2025 12:00:00 AM

**Request Category** Culvert Inspection

**Group** Ops-Drainage