

**Title \*** Kiousville-Palestine PLE-54-0.76

**Culvert/Bridge Number** PLE-54-0.76

**Geo Location** 39.760124397376465 -83.25642496347429

**General Appraisal** 6 Satisfactory condition - structural elements show some deterioration

**Span Size** 7 feet

**Culvert Length** 24 feet

**Size of Culvert** 7x4 box

**Type Culvert** Concrete

### Conduit

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

**Material** 6 SATISFACTORY

**Conduit Alignment** 7 GOOD

**Shape** 7 GOOD

**Seams and Joints** 7 GOOD

**Slab** 6 Satisfactory Hairline map cracking combined with molted areas. Cracks less than  $\frac{1}{8}$  inch parallel to traffic with minor efflorescence or minor amounts of leakage.

**Abutments** 6 SATISFACTORY

**Headwalls** 5 Fair Map cracking. Horizontal and diagonal cracks. Differential or rotational settlement. Barrel pulling away from headwall

**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** 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** 8 Very Good Minor scour holes developing at inlet or outlet. Scour protection placed.

**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** 4 Poor Misalignment of up to 6 posts in a row with significant settlement and rotation.

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

**Comments** Wing walls and face have fair amount of cracking

**Owner** Rapp, Aaron

**Completed DateTime** 01/14/2025 12:00:00 AM

**Request Category** Culvert Inspection

**Group** Ops-Drainage