

**Title \*** Boyd DAR-42-1.63

**Culvert/Bridge Number** DAR-42-1.63

**Geo Location** 40.10142877351958 -83.3190325474916

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

**Span Size** 35inch

**Culvert Length** 24ft

**Size of Culvert** 35x24 steel arch

**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** 8 VERY GOOD

**Slab**

**Abutments**

**Headwalls**

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

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

### Approaches

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

**Guardrail**

**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** Culvert is too close to edge of pavement. Needs to be extended or replaced to allow for safe berm. Layers of rust, but no visible perforations.

**Owner** Rapp, Aaron

**Completed DateTime** 12/03/2024 12:00:00 AM

**Request Category** Culvert Inspection

**Group** Ops-Drainage