

**Title \*** Yankeetown-Chenoweth PAI-9-11.84

**Culvert/Bridge Number** PAI-9-11.84

**Geo Location** 39.82588688690308 -83.45434382557869

**General Appraisal** 3 Serious condition - loss of section, deterioration, or spalling have seriously affected primary structural components

**Span Size** 78 inch

**Culvert Length** 46 feet

**Size of Culvert** 78 inch

**Type Culvert** Metal

### Conduit

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

**Material** 3 SERIOUS

**Conduit Alignment** 8 VERY GOOD

**Shape** 7 GOOD

**Seams and Joints** 7 GOOD

**Slab**

**Abutments**

**Headwalls** 1 Imminent Failure Partially collapsed headwall. Major deterioration of headwall. Vertical or horizontal movement affecting stability of the 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** 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** 4 Poor Misalignment of up to 6 posts in a row with significant settlement and rotation.

**Embankment** 6 Satisfactory Minor erosion caused by drainage.

**Comments** Heavy rust on invert with perforations. Headwall has partially collapsed.

**Owner** Rapp, Aaron

**Completed DateTime** 01/24/2025 12:00:00 AM

**Request Category** Culvert Inspection

**Group** Ops-Drainage

**Request Status** 4 - Needs More Info