

**STATE OF OHIO DEPARTMENT OF TRANSPORTATION
BRIDGE INSPECTION FIELD REPORT**

Structure File Number: 1802771 Inventory Bridge Number: CUY 00020 22.950 N Bridge Type: 5 - STONE/9 - CULVERT/5 - FILLED

Sufficiency Rating: 85.0

Date Built: 7/1/1900

District: 12 Place Code (FIPS): EAST CLEVELAND US 20 over W BRANCH DUGWAY BROOK Type of Service on: HIGHWAY-PEDESTRIAN

Key: "Qty" = Quantity for Element Level inspection; "(LF)" = Linear Feet; "(SF)" = Square Feet; "(EA)" = Each or count; "CR" = 1-4 Condition Rating or average of worst span unless Summary item 9-0, then the average of entire bridge influenced by the bold boxes; "TR" = Transition Rating or weighted average of condition states; "d" = dedicated or specific chart and guidance, all others use Material specific chart/guidance; "c" = condition prefix; "N" = NBIS rating

Inspection Procedures

Comments

APPROACH

c1. Approach Wearing Surface

NOTE: CSE WITH A. PERSANYI, D. BREDA, M. GERSTENSLAGER AND J. SMITH.

CRACKS.

CULVERT

c44. General

SPALLS. MORTAR CRACKS AND MORTAR MISSING IN SOME AREAS (PROBE AS DEEP AS 13" TO MISSING MORTAR VOIDS). MISSING STONE WHERE PIPES OR MANHOLES WHERE CUT INTO ARCH. SOME VOIDS AS DEEP AS 22" BY INLET DRAINS. WOOD BULKHEAD OVER 12 " INLET IN CEILING IS ROTTING AWAY WITH FILL VISIBLE.

c48. Headwall/Endwall

MORTAR CRACKS AND MORTAR MISSING. THRU CRACKS IN CONCRETE BOX AT TRANSITION WITH STONE ARCH.

c49. Scour

AT UPSTREAM INTERSECTION OF THE TWO CULVERT TYPES, THE REINFORCED CONCRETE BOX CULVERT HAS AN UNDERMINED AREA, UP TO 1.2' X 2.7' X THE WIDTH OF THE CULVERT.

DIVE INSPECTION PERFORMED 10/31/14 BY GREENMAN-PEDESEN, INC.

CHANNEL

c53. Hydraulic Opening

MAXIMUM WATER DEPTH IS 5.0'. SEDIMENT BLOCKS 1%.