

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

Structure File Number: 1810332

Inventory Bridge Number: CUY 00237 08.270

Bridge Type: 3 - STEEL/2 - BEAM/2 - CONTINUOUS

Sufficiency Rating: 64.5

Date Built: 7/1/1980

District: 12 Place Code (FIPS): CLEVELAND

ROCKY RIVER DR. over IR480 EB TO GO IR71 NB/SB Type of Service on: HIGHWAY

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

AREAS OF CRACKS & ASPHALT BREAK UP. NOTE: 20' OF FORWARD-RIGHT APPROACH CURB MISSING.

c2. Approach Slabs

PAVED OVER. AREAS OF ASPHALT BREAK UP ALONG EXJTS.

c4. Embankment

SLIPS TO REAR-LEFT EMBANKMENT. SOME UNEVEN SETTLEMENT TO BOTH FORWARD APPROACH WALKS.

c5. Guardrail

RUSTING THRU HOLES IN RAILS. MINOR COLLISION DAMAGE TO REAR-LEFT & BOTH FORWARD GUARDRAILS. SEVERAL POSTS BROKEN AT FORWARD-RIGHT. POST ROT.

DECK

c7.1 Floor/Slab

TRANSVERSE LEACHING CRACKS. SOME MOTTLED AREAS. APPROX 250+ SF OF SPALLS & DELAMS (VERY LARGE DELAMS & SPALLS WITH 360° REBAR EXPOSURE IN BAY 7 SPANS 2 & 3). SEVERAL SMALL FULL DEPTH REPAIRS. HAUNCH SPALLS FORMING IN BAY 3 OVER LANE #1. FLOOR IS 5-10% DETERIORATED.

c7.2 Edge of Floor/Slab

CRACKS.

c8. Wearing Surface

CRACKS, SOME AS WIDE AS 1/8". ONE 1/4" WIDE CRACK ALONG RIGHT CURB NORTHBOUND NEAR FORWARD. MAP CRACKS THRU OUT. 5-10% DELAMINATED. APPROX 100 SF OF ASPHALT PATCHES & BREAKING UP CONCRETE IN NB LANE. WS IS 5-10% DETERIORATED.

c9. Curb/Sidewalk/Walkway

CRACKS. SPALLS NEAR EXPANSION JOINT COVER PLATES.

c11. Railing

CRACKS. RUST STAINS. DELAMS & SPALLS. RUSTING SECTION LOSS TO

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FENCE HARDWARE (SOME RUST SEVERED).

c13. Expansion Joint

BOTH JOINTS APPEAR NEARLY CLOSED AT 35° F. MANY GOUGES IN SB RIGHT TURN LANE & NB LANE AT REAR. CRACKS, ASPHALT PATCHES & SPALLS TO BOTH EXJT HEADERS. HEAVY DIRT & DEBRIS ON ABUTMENT SEATS.

SUPERSTRUCTURE

c15.1 Beams/Girders

RUSTING SECTION LOSS, HEAVIER AT BEAM ENDS (REAR WORSE) & UNDER OLD ASPHALT DRAINS. NOTE: LOWER FLANGE & BASE OF WEB SECTION LOSS >1/16" AT REAR BEAM ENDS.

c16. Diaphragm/Cross Frames

RUSTING SECTION LOSS THROUGHOUT (HEAVY TO ENDFRAMES WITH SEVERAL RUSTING THRU HOLES).

c26. Bearing Devices

RUSTING SECTION LOSS, HEAVY AT ABUTMENTS. PACK RUST.

c30. Protective Coating System

RUSTING THROUGHOUT (LOWER FLANGES >75% RUSTED). PEELING & FADED PAINT. PCS IS >50% DETERIORATED.

SUBSTRUCTURE

c33. Abutment Walls

A FEW CRACKS & DELAMS. RUST STAINS. SPALL TO RIGHT END OF REAR ABUTMENT.

c38. Pier Columns/Bents

CRACKS. CONCRETE PATCHES. P1C4=4 SF SPALL WITH EXPOSED REBAR. DELAMS AS LARGE AS 15 SF ON ALL OTHER COLUMNS. NOTE: PONDING AROUND P1 COLUMNS.

c39. Backwalls

CRACKS. SPALLS WITH EXPOSED REBAR AS LARGE AS 3 SF TO BOTH.

c43. Slope Protection

EROSION RUT AT REAR-RIGHT FILLED WITH CONCRETE / DUMP ROCK.