

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

Structure File Number: 1809008

Inventory Bridge Number: CUY 00090 29.100

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

Sufficiency Rating: 84.0

Date Built: 7/1/1963

District: 12 Place Code (FIPS): EUCLID

IR 90 OVER E. 260TH over SR 175 (1446) E 260 ST 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

CRACKS & ASPHALT PATCHES. AREAS OF BREAKING UP ASPHALT MAINLY TO FORWARD WB.

c2. Approach Slabs

PAVED OVER.

c5. Guardrail

CRACKS IN FORWARD-RIGHT CONCRETE APPROACH PARAPET. 2 SF SPALL TO EXTERIOR OF FORWARD LEFT PARAPET. COLLISION DAMAGE TO REAR LEFT.

DECK

c7.1 Floor/Slab

TRANSVERSE LEACHED CRACKS AT 3' SPACING. MOTTLED AREAS. APPROX 20 SF OF SPALLS IN BAY 8. HAUNCH SPALLS FORMING OVER TRAFFIC: IN SOUTH BAY OVER THE MIDDLE LANE SOUTHBOUND.

c7.2 Edge of Floor/Slab

A FEW CRACKS. RUST STAINS. MINOR MOTTLED AREAS NEAR ABUTMENTS.

c8. Wearing Surface

A FEW CRACKS. MINOR DELAMS. APPROX 10 SF OF ASPHALT PATCHES. SMALL POP OUTS ALONG EXJTS. SHALLOW SPALL IN EB LANE 3. DETERIORATED ASPHALT PATCH WB IN LANE 3 NEAR FORWARD.

c10. Median

VERTICAL LEACHING CRACKS. COLLISION SCRAPES.

c11. Railing

VERTICAL & HORIZONTAL CRACKS. A FEW SPALLS & DELAMS. COLLISION SCRAPES.

c12. Drainage

DIRT ALONG LOW SPEED BERM WESTBOUND.

c13. Expansion Joint

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REAR STRIP SEAL HAS TEARS IN WB LANE #4 & LOW SPEED BERM (DEBRIS ON ABUTMENT SEAT IN REAR BAY 2). COLLISION DAMAGE TO FORWARD WB ARMOR WITH TORN SEAL IN LANE 3 (MINOR DEBRIS ON ABUTMENT SEAT IN FORWARD BAY 5). SPALLS , ASPHALT PATCHES AND CRACKS TO EXJT HEADERS. NOISY JOINT IN #2 LANE WB AT FORWARD.

SUPERSTRUCTURE

c15.1 Beams/Girders

SURFACE RUST THROUGHOUT. RUSTING SECTION LOSS, SOME HEAVY, MAINLY ON LOWER FLANGES AND AT BEAM ENDS. SCRAPES TO LOWER FLANGE OF BEAMS 16-18 IN SPAN 2. NOTE: OPEN BOLT HOLES IN WEB OF BEAMS 5, 6, 13 & 14.

c16. Diaphragm/Cross Frames

SURFACE RUST THROUGHOUT. ENDFRAME RUSTING SECTION LOSS WITH RUSTING THRU HOLES IN REAR BAYS 2 & 8, AND FORWARD IN BAY 15. A FEW BENT ANGLES THROUGHOUT. CRACKS TO REAR CONCRETE DIAPHRAGMS.

c26. Bearing Devices

SURFACE RUST TO 28 PIER BEARINGS. HEAVY RUST & PACK RUST TO ALL ABUTMENT ROCKERS. ROCKERS WITHOUT KEEPER PLATES HAVE MOVED TRANSVERSELY AS MUCH AS 1/2". REAR ROCKERS 15 & 16 AND FORWARD ROCKER 16 ARE LOOSE.

c30. Protective Coating System

5% RUST. PEELING PAINT. PAINT FAILING AT BEAM ENDS.

c32. Fatigue

WELDED MOMENT PLATES OVER PIERS 2-4.

SUBSTRUCTURE

c33. Abutment Walls

CRACKS. DELAMS. SPALL IN FORWARD BAY 14. RUST STAINS.

c38. Pier Columns/Bents

P2C4 & C5 HAVE SPALLS WITH EXPOSED REBAR. P4C3 & C4 HAVE SPALLED & DELAMINATED AREAS. OTHER DELAMS.

c37. Pier Caps

A FEW CRACKS. DELAMINATION ON PIER 4 CAP BELOW MEDIAN BAY.

c39. Backwalls

LEACHED CRACKS. A FEW SPALLS, SOME WITH EXPOSED REBAR. FORWARD-LEFT SIDE IS SLIGHTLY BOWED OUT. WIDE CRACK IN FORWARD BAY 5. BEAM 9 AT REAR AND BEAMS 5, 6, 8 & 9 AT FORWARD ARE INTO BACKWALLS .

c40. Wingwalls

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CRACKS. BOTH REAR CHEEKWALLS ARE SPALLED & DELAMINATED
(REAR-LEFT HAS EXPOSED REBAR).