

Structure File Number: 7804474

Inventory Bridge Number: TRU 00080 10850 L

Sufficiency Rating: 073.9 Deficiency Rating:

LT YANKEE RUN & NS RR

Bridge Status: Active

(2) District: 04	(3) County: 78-TRUMBULL	(9) Location: 1.28 Mi E Of Us 62	(7) Facility Carried: I.R. 80 Wb
(4) FIPS Code: None	Owner:	(208) Route On Bridge: State (Odot) (Toll Free)	(207) Route Under Bridge: Non Highway Traffic On Bridge (I.E.
(102) Direction of Traffic: 1 - 1-Way Traffic	(103) Temporary Structure:	(110) Designated National Network: National Network	(101) Parallel: L
		(42A) Type Serv: (On): Highway	(42B) Type Serv (Under): Railroad - Waterway

INVENTORY ROUTE DATA

(5A) Route On/Under: 1 - 1: Route Carried "On" The Structure  
 (5B) Hwy Sys: 1 - Interstate Highway  
 (5D) Route No: 00080 (5E) Dir: Not Applic (5C) Des: Mainline  
 (6) Feature Int: Lt Yankee Run & Ns Rr  
 (200) CL: 10850 (201)Spec Des:L (209) Interstate Mile: 235.80  
 (29) Avg. Daily Traffic(ADT): 13,903 (30) ADT Year: 2015  
 (235) Truck Traf: 0 (210) Corridor: (104) NHS: structure/route is on nhs  
 (26) Functional Class: rural - principal arterial (100) Strahtn: Is On An Interstate Strahtn

(45) Main Spans Number: 4 (43) Type: Steel Continuous /Stringer/Multi-Beam Or Girder /Not Applicable  
 (46) Approach Spans Nbr: 0 (44) Type: Other /Other /Not Applicable  
 (307) Total Spans: 4 (48) Max Span: 90.0 Ft (49) Overall Leng: 320.0 Ft

SUBSTRUCTURE

(370A) Record Type: (370B) Hwy Sys:  
 (370D) Route No: (370E) Dir: (370C) Des:  
 (373) Feature Int:  
 (382) CL: 0000 (371) Interstate Mile: (387) Special Desig:  
 (379) Avg. Daily Traffic(ADT): 0 (380) ADT Year: 0  
 (381) Truck Traf: 0 (384) Corridor: (378) NHS: -  
 (375) Functional Class: (386) Strahtn:

Abut-Rear (532) Matl: Concrete (531) Type: Stub - Capped Pile (533) Fnd: Steel H Piles (Hp 10 X 42)  
 (Multiple Row Piles)  
 Abut-Fwd (527) Matl: Concrete (526) Type: Stub - Capped Pile (528) Fnd: Steel H Piles (Hp 10 X 42)  
 (Multiple Row Piles)  
 Pier-Pred (535) Matl: Concrete (534) Type: Cantilever (Tee) Solid Pa (536) Fnd: Steel H Piles (Hp 10 X 42)  
 (663) Stream Velocity: 00000 fps (113) Scour: Stable For Scour Conditions  
 (92B) Underwater Inspection: N Freq: (655) Chan Prot: Other (Grass, Bushes, Trees)  
 0  
 (93B) Date of last Underwater Insp: (657) Drainage Area: Sq Mi

CLEARANCE UNDER THE BRIDGE

Min. Horiz on Bridge: (335) NC: Ft (47) Card: 30.0 Ft  
 (53) Prac Max Vert On Brg: 99.0 Ft  
 Min Vrt Clr On Brg: (336) NC: 0.0 Ft (10) Card: 99.0 Ft  
 Min Latl Clr: (338) Right NC: Ft (337) Right Card: Ft  
 (340) Left NC: Ft (339) Left Card: Ft

Min. Horiz Under Clear: (326) NC: Ft (325) Card: Ft  
 (328) Prac Max Vrt Under Clear: Ft  
 Min Vert Under Clear: (327) NC: Ft (54) Card: 23.3 Ft  
 Min Lat Under Clear: (329) Right NC: Ft (55) Right Card: 70.0 Ft  
 (330) Left NC: Ft (56) Left Card: 70.0 Ft

STRUCTURE INFORMATION

(19) Bypass Length: 1.0 Miles  
 (16) Latitude: 41 Deg 10 Min 37.10 Sec (17) Longitude: 80 Deg 32 Min 39.90 Sec  
 (20) Toll: On Free Road  
 (263) Date Built: 7/1/1965 (264) Major Reconstruction Date:  
 (28A) No. Lanes On: 2 (28B)No. Lanes Under: 0  
 (301) Horiz Curve: (34) Skew: 16 Deg  
 (32) App. Rdw Width: 30 Ft (51) Brg. Rdw Width: 30.0 Ft  
 (52) Deck Width: 36.5 Ft (424) Deck Area: 11680 Sq. Ft  
 (406) Median Type: None /Non Barrier /No Joint  
 (33) Bridge Median: No Median  
 Sidewalks: (50A) Left 2.1 Ft (50B) Right 2.1 Ft  
 Type Curb or Sidewalk:  
 (427) Left Matl: Steel (428) Type: Concrete  
 (429) Right Matl: Concrete (430) Type: Steel  
 (35) Flared: 0 (408) Composite: N - Non-Composite

LOAD RATING INFORMATION

(31) Design Load: HS 20+MOD  
 (64) Opr Rat Fact/Ton: 1.000  
 (66) Inv Rat Fact/Ton: 0.800  
 (734) Ohio Percent of Legal Load: 150  
 (704) Year of Rating: 2018 (708) Rate Soft: Aashto Brr (Virtis)  
 (63) Opr Rat Method: Load And Resistance Factor Rating (Lrfr)  
 (65) Inv Rat Method: Load And Resistance Factor Rating (Lrfr)  
 Load Rater: (705) Amjad (706) Waheed (707) PE#: 55865

APPRAISAL

(71) Waterway Adequacy: 9 Superior to present desirable criteria  
 (72) Approach Alignment: 9 Superior to present desirable criteria  
 (67) Calc Str Appraisal: 6 - Equal to present minimum criteria  
 (68) Calc Deck Geometry: 4 - Meets minimum tolerable limits  
 (69) Calc Underclearance: 6 - Equal to present minimum criteria

APPROACH INFORMATION

(401) Approach Guardrail:  
 (403) Approach Pavement: (402) Grade:

CULVERT INFORMATION

(575) Culvert Type: Not A Culvert Or Rigid Frame (578) Length: 0.0 Ft  
 (580) Depth of Fill: 0.0 Ft (582) Headwalls:

GENERAL INFORMATION

(475) Main Member: Rolled Steel (477) Moment Plate:  
 (414) Expansion Joint: Polymer Modified Expansion Device  
 (453) Bearing Devices: Sliding (Bronze)

(203) Bridge (Dedicated) Name:

BRIDGE INVENTORY AND APPRAISAL

Report Date: 11/20/2024

Structure File Number: 7804474

Inventory Bridge Number: TRU 00080 10850 L

Sufficiency Rating: 073.9 Deficiency Rating:

LT YANKEE RUN & NS RR

Bridge Status: Active

(407) Railing: Reinforced Concrete Safety Curb And Para

(38) Navigation: 0

(39) Nav Vert Clr: 0.0 Ft

(40) Nav Horiz Clear: 0.0 Ft

(409) Deck Drainage: Scuppers And Downspouts

(92C) Spec Insp: N

Freq: 0

(93C) Special Inspection Date:

(107) Deck Type: Concrete Cast-In-Place

(92A) Fracture Critical Insp: N

Freq: 0

(93A) Fracture Critical Feature Inspection Date:

Deck Protection: (108B) External: Preformed Fabric

(474) Main Structure System: Not Applicable (I.E. Culvert, Beam, Slab

(468) Hinges: Not Applicable (Structures With No Hinge

(108C) Internal: Na

(487) Structural Steel Memb: A36

(465) Framing: Straight Beams/Girders

(108A) Wearing Surface: Bituminous

(482) Paint: Paint System Ozeu

(426) Bridge Railing Steel:

(423) Thickness: 3.2 in (422) Date of Wearing Surface: 8/1/2010

(483) PCS Date: 10/1/2001

(547) Slope Protection: Stone (No. 1 Aggregate)

GENERAL INFORMATION (CONTINUED)

ORIGINAL PLANS INFORMATION

(37) Hist Significance: Not Eligible

(250) Fabricator:

(112) NBIS: Y

(249) Contractor:

(842) Hist/Designer:

(248) Ohio Original Construction Project No: 003264

(827) Hist Build Year:

(252) Microfilm Reel: TRU011

(828) Hist Type: None N/A

(251) Standard Drawing: CSB-2-56

(98A) Border Bridge State:

Aperture Cards:

(98B) Border Bridge Resp:

(246) Orig: 1

(99) Border Bridge SFN:

(247) Repair: 2

(245) Fabr: 2

PROPOSED IMPROVEMENTS

(114) Future ADT (On Bridge): 19297

(115) Year of Future ADT: 2035

(709) Rating Source: 1 PLAN INFORMATION AVAILABLE FOR LOAD RATI

INSPECTION SUMMARY

SURVEY ITEMS

UTILITIES

SPECIAL FEATURES

(58) Deck: 6

(36A) Railings: Meets Acceptable Standards

(265) Electric Line: N

(283) Lighting:

(59) Superstructure: 7

(36B) Transitions: Meets Acceptable Standards

(266) Gas Line: N

(431) Fence: N

(60) Substructure: 7

(36C) Guardrail: Meets Acceptable Standards

(269) Sanitary Sewer: N

(433) Glare-Screen: N

(62) Culvert: N

(36D) Guardrail Ends: Meets Acceptable Standards

(267) Telephone Line:

(436) Splash-Guard:

(61) Channel: 8

(219) Temporary Barrier:

(268) TV Cable:

(459) Catwalks: N

(C6) Approaches:

(223) Temporary Shoring:

(270) Water Line:

(271) Other-Feat:

General Appraisal: 7

(224) Temporary Sub Decking: N

(271) Other Utilities:

(279) Signs-On:

(41) Operational Status: A

Insp 1st: 01 - State Highway Agency

(281) Signs-Under

(90) Inspection date: 5/23/2024

2nd:

(432) Fence-Ht on Bridge 0.0 FT

(91) Desig Insp Freq: 12 Mos

3rd:

(21) Major Maint 1st: 01 - State Highway Agency

(253) SFNs Replacing this retired bridge:

2nd:

(255) SFNs That were replaced by this bridge:

3rd:

(225) Routine Maint 1st: 01 - State Highway Agency

2nd:

3rd: