

STATE OF OHIO
BRIDGE INSPECTION REPORT

Structure File Number: 1810286

Inventory Bridge Number: CUY-00237-0695 _(1810286)

SR 237 over SNOW ROAD

Inspection Type: Routine

Inspection Date: 05/19/2020

District: 12

County: 18 - Cuyahoga

Place Code (FIPS): 09288

Bridge Type:

5 - Prestressed concrete

05 - Box Beam or Girders - Multiple

N- Not Applicable

Type of Service:

1 - Highway

Maintenance Responsibility:

01 - State Highway Agency

Inspection Responsibility:

01 - State Highway Agency

Routine Maintenance Responsibility:

04 - City or Municipal Highway Agency

Lead Inspector: Banaszak, Ken

Reviewed by: Youssef Seif

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Inspector: Ken Banaszak
Inspection Date: 05/19/2020

Structure Number: 1810286
Facility Carried: SR 237

Bridge Inspection Report

Location Map

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Bridge Inspection Report

Executive Summary

ODOT District: 12

CUY-00237-0695_(1810286)

Date Built: 07/01/1987

Major Maint: 01 - State Highway Agency

Facility Carried: SR 237

Traffic On: 1 - Highway

Rehab Date:

Routine Maint: 04 - City or Municipal Highway Agency

Feature Inters: SNOW ROAD

Traffic Under: 1 - Highway, with or w/out pedestrian

Insp. Resp A: 01 - State Highway Agency

FIPS Code: 09288 - BROOK PARK (CUY county)

Location: CUY

APPROX 1MI E KOLTHOFF DR

Insp Resp B:

National Bridge Inventory

Status 0 - ND Sufficiency Rating 82.9

Identification		Inspections	
(1) State Code	395 - Ohio	(90) Inspection Date	05/19/2020
(8) Structure File Number (SFN)	1810286	(91) Designated Inspection Frequency	12
(7) Facility Carried	SR 237	(92) Critical Feature Inspection	(93) CFI Date
(208) Route on the Bridge	10 - State (ODOT) (Toll Free)	A. Fracture Critical Detail	N
(2) Highway Agency District	12	B. Underwater Inspection	N
(3) County Code	18 - Cuyahoga	C. Other Special Inspection	N
(209) Interstate Mile Marker		D.01 Snooper Inspection	N
(201) Special Designation		E.01 Drone Inspection	
(4) Place Code (FIPS)	09288 - BROOK PARK (CUY county)	Condition	
(5) Inventory Route		(58) Deck	4 - Poor Condition
(A) Record Type On/Under Always "On"	1: Route carried "on" the structure	(58.01) Wearing Surface	6 - Satisfactory (1-10% distress)
(B) Route Signing Prefix (Highway System)	3 - STATE HIGHWAY	(58.02) Expansion Joint	5- Fair (obvious leaking or up to 1/2" vertical offset or small plow chops)
(C) Designated Level of Service (Highway Designation)	1 - MAINLINE	(59) Superstructure	4 - Poor Condition
(D) Route Number	00237	(59.01) Protective Coating System (PCS)	N - Not Applicable
(E) Directional Suffix	0 - NOT APPLICABLE	(60) Substructure	5 - Fair Condition
(6) Features Intersected	SNOW ROAD	(61) Channel & Channel Protection	N - Not Applicable
(9) Location	APPROX 1MI E KOLTHOFF DR	(61.01) Scour	N - Not Applicable
(11) Milepoint	06.950	(62) Culvert	N - Not Applicable
(12) Base Highway Network	Inventory Route is on the Base Network	(67.01) General Appraisal	4 - Poor Condition (advanced deterioration)
(13A) LRS Inventory Route	237		
(13B) Subroute Number	0		
(16) Latitude	41.40460 Degrees		
(17) Longitude	-81.83677 Degrees		
(16.01) Latitude - Ohio	41.4046		
(17.01) Longitude - Ohio	-81.836769		
(98A) Border Bridge State Code			
(98B) Border Bridge State Percent Responsibility			
(99) Border Bridge Struct No.			

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FIPS Code: 09288 - BROOK PARK (CUY county)

Location: CUY

APPROX 1MI E KOLTHOFF DR

Insp Resp B:

Structure Type and Material

Load Rating and Posting

- (43) Main Structure Type
 - A. 5 - Prestressed concrete
 - B. 05 - Box Beam or Girders - Multiple
 - C. N- Not Applicable

- (31) Design Load 6 - HS 20+Mod
- (63) Operating Rating Method 6 - Load Factor (LF) rating reported by rating factor (RF) method using MS18 loading.
- (64) Operating Rating Factor 1.3

- (44) Approach Type
 - A. 0 - Other
 - B. 00 - Other
 - C. N- Not Applicable

- (65) Inventory Rating Method 6 - Load Factor (LF) rating reported by rating factor (RF) method using MS18 loading.
- (66) Inventory Rating Factor 1

(45) Number of Spans in Main Unit 1

(41) Structure Open, Posted, or Closed to Traffic A - Open

(46) Number of Approach Spans 0

(70) Bridge Posting 5 - Equal to or above legal loads

(107) Deck Structure Type 1 - Concrete Cast-in-Place

(70.01) Date Posted

(107.01)

(70.02) Posted Sign Type

(108B) External Deck Protection N - NA

(70.03) Posted Weight

(108C) Internal Deck Protection N - NA

(422) Wearing Surface Date 07/15/2006

(108A) Wearing Surface Type 6 - Bituminous

Appraisal

(108A.01) N- Not Applicable

(67) Structural Evaluation 5 - Somewhat better than minimum adequacy

(423) Wearing Surface Thickness 2.0 in

(68) Deck Geometry 9 - Superior to present desirable criteria

(483) Protective Coating System Date

(69) Underclearances, Horizontal and Vertical 6 - Equal to present minimum criteria

Age of Service

(27) Year Built 1987

(71) Waterway Adequacy N - Not Applicable

(263) Date Built 07/01/1987

(72) Approach Roadway Alignment 8 - Equal to present desirable criteria

(106) Year Reconstructed

(36) Traffic Safety Feature

(264) Major Reconstruction Date

A. Bridge Railings: 1 - Meets acceptable standards

(42) Type of Service

B. Transitions: 1 - Meets acceptable standards

On 1 - Highway

C. Approach Guardrail 1 - Meets acceptable standards

Under 1 - Highway, with or w/out pedestrian

D. Approach Guardrail Ends 1 - Meets acceptable standards

(28) Lanes On 04 Under 04

(113) Scour Critical N - Not over waterway

(29) Average Daily Traffic 31223

(30) Year of Average Daily Traffic 2015

(109) Average Daily Truck Traffic Percentage 4

(19) Bypass Detour Length 2

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Insp. Resp A: 01 - State Highway Agency

FIPS Code: 09288 - BROOK PARK (CUY county)

Location: CUY

APPROX 1MI E KOLTHOFF DR

Insp Resp B:

Classification	Geometric Data
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(112) NBIS Bridge	Yes	(48) Longest Span	80.0 Ft.
(104) Highway System of the Inventory Route	1 - Structure/Route is on NHS	(49) Structure Length	84.0 Ft.
(26) Functional Classification of Inventory Route	14 - Urban - Other Principal Arterial	(50A) Curb/Sidewalk Left Side - Width	0 Ft.
		(50B) Curb/Sidewalk Right Side - Width	0 Ft.
(100) Strahnet Highway Designation	Not a STRAHNET route	(51) Brdg Roadway Width Curb-to-Curb	82.8 Ft.
(101) Parallel Structure Designation	N - No parallel structure	(52) Deck Width, Out-to-Out	86.2 Ft.
(102) Direction of Traffic	2-way traffic	(32) Approach Roadway Width	83.0 Ft.
(103) Temporary Structure Design		(33) Bridge Median	1 - Open median
(105) Federal Lands Highways	Not Applicable	(34) Skew	0 Deg.
(110) Designated National Network	Inventory route not on network	(35) Structure Flared	0 - No flare
(20) Toll	3 - On Free Road	(10) Practical Maximum Vertical Clearance	99 Ft.
(225) Routine Maintenance Responsibility	A. 04 - City or Municipal Highway Agency	(53) Minimum Vertical Clearance Over Bridge Roadway	99 Ft.
	B.	(47) Total Horizontal Clearance (Inventory Route)	40.2 Ft.
(21) Maintenance Responsibility	01 - State Highway Agency	(54) Minimum Vertical Under Clearance	B. 14.55 Ft.
(21B) Major Maint. Responsibility B			A. H - Highway beneath structure
(221) Inspection Program Responsibility	A. 01 - State Highway Agency	(56) Minimum Lateral Under Clearance on Left	13 Ft.
	B.	(55) Minimum Lateral Under Clearance on Right	B. 13 Ft.
(22) Owner	01 - State Highway Agency		A. H - Highway beneath structure
(37) Historical Significance	5 - Not eligible		

Navigation Data	Proposed Improvements
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(38) Navigation Control	N - Not applicable, no waterway	(75) Type of Work	
(39) Nav Vert Clearance	0.0 Ft.	A.	
(40) Nav Horizontal Clearance	0.0 Ft.	B.	
(111) Pier or Abutment Protection		(76) Length of Structure Improvement (FT)	
(116) Minimum Navigation Vertical Clearance, Vertical Lift Bridge	0.0 Ft.	(94) Bridge Improvement Cost	\$ 0
		(95) Roadway Improvement Cost	\$ 0
		(96) Total Project Cost	\$ 0
		(97) Year of Improvement Cost Estimate	
		(114) Future Average Daily Traffic	43338
		(115) Year of Future Average Daily Traffic	2038

Ohio Bridge Inventory

General

(203) Bridge Name (Dedicated Name)	
(204) Ohio Designated MPO	08 - NOACA (Cleveland)
(205) Route Number Extension	
(206) Inventory Preferred Route	NP - Non Preferred Route
(5.01) Priority System Code (Inventory Route)	
(213) NLF_ID Inventory Route	SCUYSR00237**C
(218) Major Bridge	N - No
(220) Inventory Location	CUY
(226) Seismic Susceptibility	N - not applicable
(227) GASB	Y - Yes
(236) Future Traffic Factor	1.388
(245) Aperture Cards Fabrication	1 - Yes
(246) Aperture Cards Original	1 - Yes
(247) Aperture Cards Repair	2 - No
(248) Original Construction Project Number	081383
(251) Standard Drawing Number	
(252) Microfilm Reel Number	
(261) Bridge Remarks	

CUY-00237-06950-

(265) Electric Line Present	Y - Bridge carries this utility
(266) Gas Line Present	U - Unknown
(269) Sanitary Sewer Present	U - Unknown
(306) NBIS Bridge Length	84
(207) Route Under the Bridge	41

Inventory Route Clearances

<u>Inventory Route</u>	<u>Cardinal</u>	<u>Non-Cardinal</u>	
(336) Minimum Vertical Clearance	99	0	ft.
(335) Minimum Horizontal Clearance	40.167	40.167	ft.

Load Rating

(717) 2F1 Operating Rating Factor (GVW 15 T)	
(720) 3F1 Operating Rating Factor (GVW 23 T)	
(723.01) 4F1 Operating Factor (GVW 27 T)	
(726.01) 5C1 Operating Rating Factor (GVW 40 T)	
(723.02) SU4 Operating Rating Factor (GVW 27 T)	
(726.02) SU5 Operating Rating Factor (GVW 31 T)	
(732.01) SU6 Operating Rating Factor (GVW 34.75 T)	
(732.02) SU7 Operating Rating Factor (GVW 38.75 T)	
(735) EV2 Operating Rating Factor (GVW 28.75 T)	
(738) EV3 Operating Rating Factor (GVW 43 T)	
(734) Ohio Percent Legal	150
(705) Load Rater First Name	
(706) Load Rater Last Name	
(707) Load Rater PE Number	0
(704) Load Rating Date	07/01/1987
(708) Load Rating Software	1 - BARS
(709) Rating Source	1 - Plan information available for load rating analysis (Default)

Inspection Access

(92.02) Snooper Inspection Traffic Control	
(92.03) Snooper Inspection Est. Crew Hours	
(459) Inspection Access	N - The bridge does not include this feature

Deck & Approach

(224) Temporary Subdecking	N - No		
(404) Approach Slab Type	1 - Reinforced Concrete		
(405) Approach Slab Length	0		
	1	2	3
(406) Bridge Median Type	2 - Raised Median	2 - Concrete Barrier (Rail)	N - No Joint
(407) Bridge Railing Type	1 - Reinforced Concrete Parapet		
(408) Composite Deck Code	N - Non-composite Construction		
(419) Expansion Joint with Trough Retrofit 2			
(421) Joint Trough (Y/N)			
(431) Fence	N - The bridge does not include this feature		
(432) Fence Height on Bridge	0		
(433) Glare Screen	N - The bridge does not include this feature		
(434) Noise Barrier Walls	N - The bridge does not have Noise Barrier Walls		
(424) Deck Area	7238.0		
(427) Left Sidewalk/Curb Material	N - None		
(428) Left Sidewalk/Curb Type	N - None or N/A (RR, Pedestrian, etc.)		
(429) Right Sidewalk/Curb Material	N - None		
(430) Right Sidewalk/Curb Type	N - None or N/A (RR, Pedestrian, etc.)		

Substructure

(526) Abutment Forward Type	2 - Cantilever
(527) Abutment Forward Material Type	2 - Concrete
(528) Abutment Forward - Foundation Type	2 - Cast-in-Place Reinforced Concrete Piles (Other diameter)
(531) Abutment Rear Type	2 - Cantilever
(532) Abutment Rear Material Type	2 - Concrete
(533) Abutment Rear - Foundation Type	2 - Cast-in-Place reinforced Concrete Piles (Other diameter)
(534) Pier 1 (Predominate) Type	N - None
(535) Pier 1 (Predominate) Material	N - None
(536) Pier 1 Type - Foundation Type	N - None (Such as most Culverts)
(537) Pier 2 Type	N - None
(538) Pier 2 Material	N - None
(539) Pier 2 Type - Foundation Type	N - None (Such as most Culverts)
(547) Slope Protection Type	N - None

Superstructure

(711) Live Load Response	S - Satisfactory		
(468) Hinges/Pins/Hangers Type	N - Not Applicable (structures with no hinges)		
(409) Deck Drainage Type	0 - Other (Natural-off the bridge ends)		
(411) Deck Concrete Type	U - Unknown		
	A	B	C
(414) Expansion Joint Type	3 - Compression Seal	N - None	N - None
(301) Horizontal Curve Degree			
(453) Bearing Device 1, Type	4 - Elastomeric (Plain)		
(455) Bearing Device 2, Type	N - None		
(465) Framing Type	N - None or Not Applicable		
(466) Haunched Girder	N - Bridge does not contain a haunched girder		
(467) Haunched Girder Depth	0		
(474) Main Structure System	N - Not Applicable (i.e. Culvert, Beam, Slab, etc.)		
(475) Main Member Type	6 - Prestressed Concrete Box Beam		
(482) Protective Coating System Type	N - None or Not Applicable		
(487) Structural Member Steel Type	N - None		
(498) Protective Coating System Surface Area	0		
(499) Structural Steel Paint	N - None (i.e. steel = A588, unpainted)		
(478) Post Tensioned Main Member Code	N - Bridge is not Post Tensioned		

Culvert and Waterway

(575) Culvert Type	N - Not a Culvert or Rigid Frame		
(578) Culvert Length Inlet_to_Outlet	0		
(580) Fill Depth Over Culvert	0		
(651) Scenic River	N - Waterway is not classified as Scenic River		
(587) Rise			
(588) Shape			
(655) Channel Protection Type	X - Not Applicable		
(663) Stream Velocity	0.0		
(672) pH			

Inspector: Ken Banaszak
 Inspection Date: 05/19/2020

Structure Number: 1810286
 Facility Carried: SR 237

Bridge Inspection Report

Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
15 - Prestressed Concrete Top Flange	3 - Mod.	7238	sq. ft.	1103	6125	10	0
510 - Wearing Surfaces		6958	sq. ft.	0	6951	7	0
104 - Prestressed Concrete Closed Web/Box Girder	3 - Mod.	1782	ft.	1194	570	18	0
215 - Reinforced Concrete Abutment	3 - Mod.	173	ft.	142	15	16	0
302 - Compression Joint Seal	3 - Mod.	172	ft.	24	138	5	5
310 - Elastomeric Bearing	3 - Mod.	44	each	44	0	0	0
331 - Reinforced Concrete Bridge Railing	3 - Mod.	252	ft.	236	13	3	0

ODOT District: 12

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Routine Maint: 04 - City or Municipal Highway Agency

Feature Inters: SNOW ROAD

Traffic Under: 1 - Highway, with or w/out pedestrian

Insp. Resp A: 01 - State Highway Agency

FIPS Code: 09288 - BROOK PARK (CUY county)

Location: CUY

APPROX 1MI E KOLTHOFF DR

Insp Resp B:

Under Records

Under Record 1

Identification

(1) State Code	395 - Ohio	(6) Features Crossed Over	SR 237
(11) Milepoint	0	(7) Facility Carried Under	SR 237
(201) Special Designation		(8) Structure No.	1810286
(5A) Roadway On/Under	2: Single route goes "under" the structure	(12) Base Highway Network	Inventory Route is on the Base Network
(5B) Route Type	5 - CITY STREET	(13A) LRS Route	
(5C) Level of Service	1 - MAINLINE	(13B) Subroute Number	
(5D) Route Number	OSNOW	(213) NLF_ID Under Route	MCUYMR00000W*C
(5E) Directional Suffix		(206) Preferred Under Route	

Age of Service

(19) Bypass Detour Length		(381) Intersected Route Daily Truck Traffic	719
(29) Est Average Daily Traffic	10117	(109) Average Daily Truck Traffic	14
(30) Year of Average Daily Traffic	2015		

Geometric Data

(10) Practical Maximum Vertical Clearance	15.56	(47) Total Horizontal Clearance	78
	CARDINAL		NON-CARDINAL
(336A) Minimum Vertical Clearance	15.56	(336B) Minimum Vertical Clearance	14.55
(335A) Minimum Horizontal Clearance	78	(335B) Minimum Horizontal Clearance	0

Classification

(20) Toll		(101) Parallel Highway	N - No parallel structure
(26) Functional Classification	14 - Urban - Other Principal Arterial	(102) Direction of Traffic	2-way traffic
(209) Interstate Mile Marker		(104) Highway System of the Under Route	1 - Structure/Route is on NHS
(100) STRAHNET Highway	Not a STRAHNET route	(110) Designated National Network	Inventory route not on network

Inspector: Ken Banaszak

Structure Number: 1810286

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Facility Carried: SR 237

Bridge Inspection Report

Channel Measurement

Date of Channel Measurements:

Number of Fixed Objects in Channel:

Distance Measured From:


Water Level:

Depth Measured From:

High Water Mark:

Number of Measurement Points Taken:

Measurement Type:



Inspector: Ken Banaszak
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Bridge Inspection Report

Pictures

Inspector: Ken Banaszak
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Bridge Inspection Report

Sketches

ODOT District: 12

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Location: CUY

APPROX 1MI E KOLTHOFF DR

Resp A:

Insp

Resp B:

Summary Recommendations

ODOT District: 12

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Insp Resp B:

Inspector Comments

Deck Summary

Floor/Slab (SF)

Staining along most joints. Some stalactites. Forward-left & rear-left corners of left box beam are spalled with minor tendon exposure. Left corner of box beam 15 spalled off at forward abutment. Patch in bottom of box beam 7 near mid span. Seal hangs from joint 16. Spall to beam 13 overwb lane 2.

Bridge Wearing Surface (SF)

Longitudinal cracks.

Bridge Median (LF)

Map cracks.
Minor spalls & delams. Collision scrapes

Bridge Railing (LF)

Map cracks.
Minor spalls & delams.

Expansion Joint (LF)

Heavy staining
& wet areas on both abutments below median joint & at both ends. Pop outs, spalls and broken up concrete patches along exjts. Minor seal pop outs to rear exjt. Gouges to sb deck armor with missing sections.

Superstructure Summary

Superstructure Alignment (EA)

The left box beam overhangs the left vertical face of the forward abutment by 3" and the rear abutment by 1.5". Vertical misalignment of box beam lower flanges by as much as 2" along left beam and 2.5" along right beam (measured at mid span).

Beams/Girders (LF)

Staining along most joints. Some stalactites. Forward-left & rear-left corners of left box beam are spalled with minor tendon exposure. Left corner of box beam 15 spalled off at forward abutment. Patch in bottom of box beam 7 near mid span. Seal hangs from joint 16. Spall to beam 13 over wb lane 2. Heavy leakage through beams.

Utilities (LF)

Rusting section loss & areas of disconnected conduit. Lights at forward have been removed.

Complex Bridge Superstructure

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Insp
Resp B:

Substructure Summary

Abutment Walls (LF)

Cracks, some leaching. Heavy staining. Some delams & spalls. Rust stains. Right corner of forward abutment is spalled (full height) with 360 degree rebar exposure. Rear left corner has 5sf delam. forward 25sf delam

Wingwalls (EA)

Cracks, some leaching. 12 sf of spalls with exposed rebar in forward- right wingwall. Some cracks & spalls to mse walls. Top of forward right mse wall is cracked and spalled along the top of the first panel.

Channel Summary

Culvert Summary

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Insp
Resp B:

Waterway Adequacy Summary

Approach Roadway Alignment Summary

Approach Wearing Surface (EA)

Minor cracks.

Asphalt patches. Shallow spalls. Breaking up area along forward slab southbound. Note: forward end of sb lanes milled.

Approach Slab (SF)

Scaling of rear slab in sb lanes. Cracks, some full length. Concrete patches, some breaking up including large patch in sb rear slab.

Approach Relief Joint (LF)

Paved over

Approach Guardrail (EA)

Cracks. Spalls.
Delams.

Signs (EA)

No bridge end markers.

Scour Critical Summary

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Insp Resp B:

Governing Members

Historic Bridge Data

Status

(8) Structure File Number (SFN)	1810286	(37) Historical Significance Code	5 - Not eligible
(826) NR Recommendation		(837) Historical District	
(840) Historical National Register Listed		(834) Reviewed By	
(850) In Management Plan (2009)			

Identification

(825) Historical Bridge Name		(7) Facility Carried	SR 237
(22) Owner	01 - State Highway Agency	(6) Feature Intersected	SNOW ROAD
(4) Place Code (FIPS)	09288 - BROOK PARK (CUY county)	(5) Inventory Route	
(3) County (Parish) Code	18 - Cuyahoga	(B) Route Signing Prefix	3 - STATE HIGHWAY
(2) Highway Agency District	12	(D) Route Number	00237
(9) Location	APPROX 1MI E KOLTHOFF DR	(16) Latitude at Rear Abutment	41.40460 degrees
(883) UTM		(17) Longitude at Rear Abutment	-81.83677 degrees

Structural Information

(43) Main Structure Type	5 - Prestressed concrete	05 - Box Beam or Girders - Multiple	N- Not Applicable	(827) Historical Year Built	
(828) Historical Bridge Type				(836) Historical Data Source	
(49) Structure Length	84.0	ft		(831) Historical Builder	
(45) No. of Main Spans	1			(842) Historical Bridge Designer	
(407) Bridge Railing Type	1 - Reinforced Concrete Parapet			(106) Year Reconstructed	
				(829) Previous Inventory Date	

Classification of Service

(26) Functional Class of Inventory Route	14 - Urban - Other Principal Arterial	(29) Average Daily Traffic (ADT)	31223
(104) Highway System of the Inventory Route	1 - Structure/Route is on NHS	(30) Year of ADT	2015
(71) Waterway Adequacy	N - Not Applicable	(109.01) Avg. Daily Truck Traffic (ADTT)	1249
		(102) Direction of Traffic	2-way traffic

Historical Significance

(843) Historical Setting/Context

(844) Historical Physical Description

(845) Historical Integrity

(846) Historical Significant Description

(847) Historical Bridge Remarks

(860) Justification

Capacity

(51) Bridge Rdwy Width Curb-Curb	82.8	ft	(66) Inventory Rating Load	1	
(873) Bridge Rdwy Width Required		ft	(64) Operating Rating Load	1.3	
(872) Bridge Rdwy Width Adequare	Y		(878) Inventory Rating Load - Required		
(32) Approach Rdway Width	83.0	ft	(877) Inventory Rating Load - Adequate	Y	
(841) Bridge Wider	N		(28) Lanes On	04	
(52) Deck Width Out-Out	86.2	ft	(880) Lanes On - Required		ft
(50A) Curb/Sidewalk Left Side - Width	0	ft	(879) Lanes On - Adequate	Y- Yes	
(50B) Curb/Sidewalk Right Side - Width	0	ft	(876) Geometry Adequate		
(10) Minimum Vertical Clearance On, Cardinal	99	ft	(871) Alignment/Sight Distance Adeqaute		
(874) Conformance Comments					

(882) Structural Deficiency Summary

(875) Crash Data

Historic Bridge Management Plan

(853) Historical Management Summary

Preservation Potential

(861) Prudent and Feasible to Leave Bridge in Place

(862) Preservation Potential

(863) Preservation Summary

(864) No Build Alternative Consideration

(881) Rehab Without Adverse Effect

(865) Historic Bypass Information

(866) Other Preservation Options

(867) Preservation Recommendation

(868) Comment Recommendation

(869) Comment Date

(870) Plan Comment

