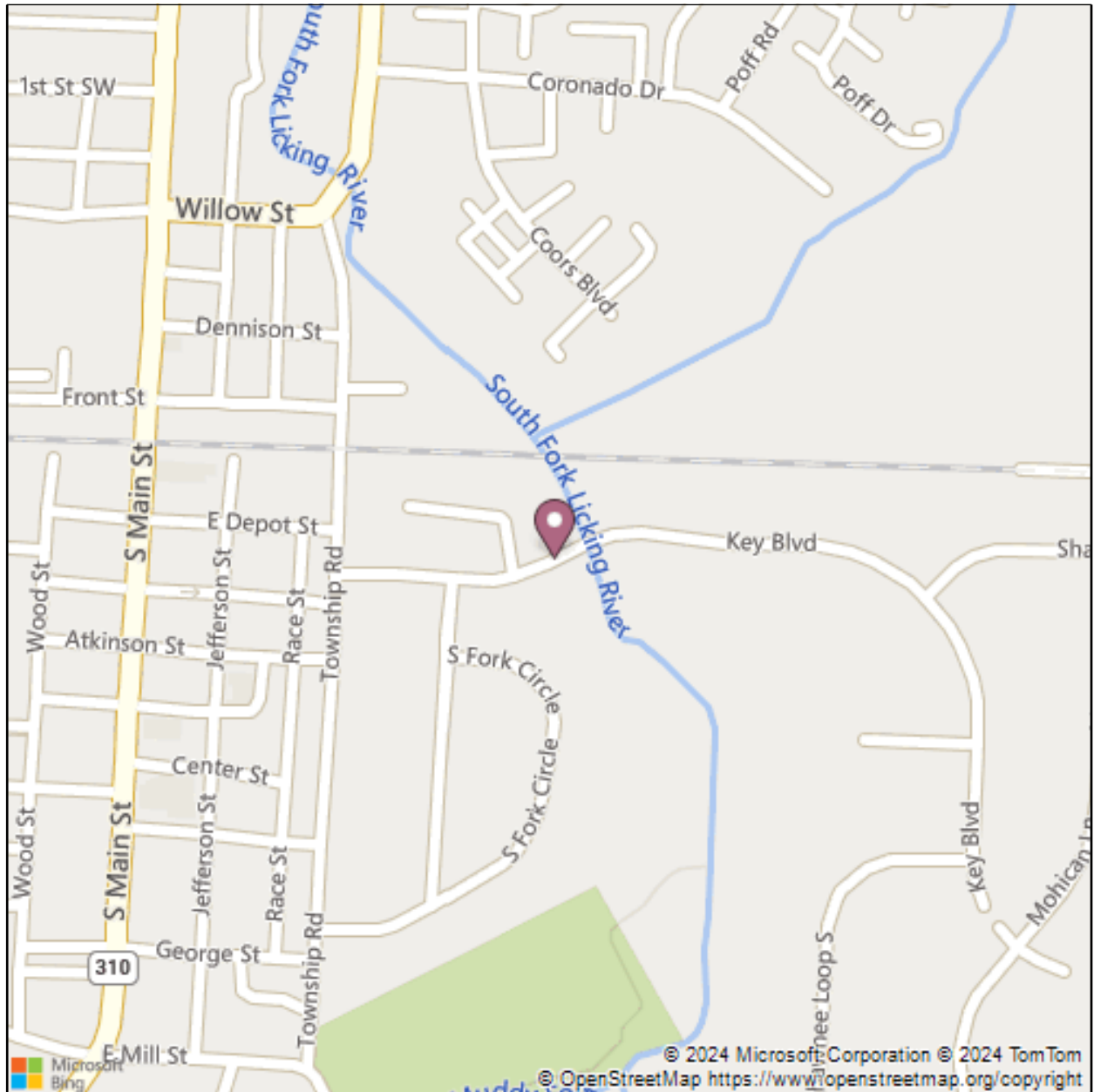


Inspector: Prendeville, Brendan
Inspection Date: 10/30/2024

Structure Number: 4564014
Facility Carried: KEY BOULIVARD



Latitude: 39.99527

Longitude: -82.67107

Inspector: Prendeville,Brendan

Structure Number: 4564014

Inspection Date: 10/30/2024

Facility Carried: KEY BOULIVARD

ODOT District: District 05

LIC-KEYST-0010_(4564014)

Date Built: 07/01/1994

Major Maint: 04 - City or Municipal Highway Agency

Facility Carried: KEY BOULIVARD

Traffic On: 5 - Highway-pedestrian

Rehab Date:

Routine Maint: 04 - City or Municipal Highway Agency

Feature Inters: SOUTH FORK LICKING RIVER

Traffic Under: 5 - Waterway

Insp. 04 - City or Municipal
Resp A: Highway Agency

FIPS Code: 61112 - PATASKALA (LIC county)

Location: CITY OF PATASKALA 0.1 MI E OF JCT TWP LN RD

Insp
Resp B:

Inspector

Prendeville,Brendan

Inspection Date 10/30/2024

Reviewer Prendeville,Brendan

National Bridge Inventory

Status 0 - ND Sufficiency Rating 88.0

Identification			Inspections		
(1) State Code	395 - Ohio		(90) Inspection Date	10/30/2024	
(8) Structure File Number (SFN)	4564014		(91) Designated Inspection Frequency	12	
(7) Facility Carried	KEY BOULIVARD		(92) Critical Feature Inspection	(93) CFI Date	
(208) Route on the Bridge	41 - Municipal		A. Fracture Critical Detail	N	0
			B. Underwater Inspection	N	0
			C. Other Special Inspection	N	0
(2) Highway Agency District	District 05		D.01 Snooper Inspection	N	0
(3) County Code	45 - Licking		E.01 Drone Inspection	N	0
(209) Interstate Mile Marker					
(201) Special Designation			Condition		
(4) Place Code (FIPS)	61112 - PATASKALA (LIC county)		(58) Deck	5 - Fair Condition	
(5) Inventory Route			(58.01) Wearing Surface	7 - Good (1% distress)	
(A) Record Type On/Under Always "On"	1: Route carried "on" the structure		(58.02) Expansion Joint	N- Not Applicable	
(B) Route Signing Prefix (Highway System)	5 - CITY STREET		(59) Superstructure	5 - Fair Condition	
(C) Designated Level of Service (Highway Designation)	1 - MAINLINE		(59.01) Protective Coating System (PCS)	N - Not Applicable	
(D) Route Number	KEYST		(60) Substructure	7 - Good Condition	
(E) Directional Suffix	0 - NOT APPLICABLE		(61) Channel & Channel Protection	7 - Bank protection needs minor repairs	
(6) Features Intersected	SOUTH FORK LICKING RIVER		(61.01) Scour	7 - Good	
(9) Location	0.1 MI E OF JCT TWP LN RD		(62) Culvert	N - Not Applicable	
(11) Milepoint	00.100				
(12) Base Highway Network	Inventory Route is not on the Base Network				
(13A) LRS Inventory Route					
(13B) Subroute Number					
(16) Latitude	39.99527	Degrees			
(17) Longitude	-82.67107	Degrees			
(16.01) Latitude - Ohio	39.9952697274168				
(17.01) Longitude - Ohio	-82.6710661851807				
(98A) Border Bridge State Code					

Inspector: Prendeville,Brendan
Inspection Date: 10/30/2024
(98B) Border Bridge State
Percent Responsibility
(99) Border Bridge Struct No.

Structure Number: 4564014
Facility Carried: KEY BOULIVARD
(67.01) General Appraisal 5 - Fair Condition (minor section loss)

ODOT District: District 05

LIC-KEYST-0010 _(4564014)

Date Built: 07/01/1994

Major Maint: 04 - City or Municipal Highway Agency

Facility Carried: KEY BOULIVARD

Traffic On: 5 - Highway-pedestrian

Rehab Date:

Routine Maint: 04 - City or Municipal Highway Agency

Feature Inters: SOUTH FORK LICKING RIVER

Traffic Under: 5 - Waterway

Insp. 04 - City or Municipal

FIPS Code: 61112 - PATASKALA (LIC county)

Location: CITY OF PATASKALA

0.1 MI E OF JCT TWP LN RD

Resp A: Highway Agency

Insp

Resp B:

Inspector

Prendeville,Brendan

Inspection Date

10/30/2024

Reviewer

Prendeville,Brendan

Structure Type and Material

Load Rating and Posting

(43) Main Structure Type A. 6 - Prestressed concrete continuous
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 1.86

(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 1.13

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

(45) Number of Spans in Main Unit 3

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

(46) Number of Approach Spans 0

(70.01) Date Posted

(107) Deck Structure Type 9 - Other

(70.02) Posted Sign Type

(107.01) Blank

(70.03) Posted Weight

(108B) External Deck Protection 8 - Unknown

(108C) Internal Deck Protection 8 - Unknown

(422) Wearing Surface Date 01/01/1994

(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 4 in

(68) Deck Geometry 8 - Equal to present desirable criteria

(483) Protective Coating System Date

(69) Underclearances, Horizontal and Vertical N - Not applicable

Age of Service

(27) Year Built 1994

(71) Waterway Adequacy 7 - Slight Chance of Overtopping Bridge

(263) Date Built 07/01/1994

(72) Approach Roadway Alignment 6 - Equal to present minimum criteria

(106) Year Reconstructed 0000

(36) Traffic Safety Feature

(264) Major Reconstruction Date

(42) Type of Service

On 5 - Highway-pedestrian

A. Bridge Railings: 0 - Does not meet acceptable standards/safety feature is required

B. Transitions: N - NA/Safety feature not required

C. Approach Guardrail N - NA/Safety feature not required

Under 5 - Waterway

D. Approach Guardrail Ends N - NA/Safety feature not required

(28) Lanes On 02 Under 00

(113) Scour Critical 5 - Scour within limits of footing or piles

(29) Average Daily Traffic 100

Inspector: Prendeville,Brendan
Inspection Date: 10/30/2024
 (30) Year of Average Daily Traffic 1996
 (109) Average Daily Truck Traffic Percentage 5
 (19) Bypass Detour Length 0

Structure Number: 4564014
Facility Carried: KEY BOULIVARD

ODOT District: District 05

LIC-KEYST-0010_(4564014)

Date Built: 07/01/1994

Major Maint: 04 - City or Municipal Highway Agency

Facility Carried: KEY BOULIVARD

Traffic On: 5 - Highway-pedestrian

Rehab Date:

Routine Maint: 04 - City or Municipal Highway Agency

Feature Inters:

SOUTH FORK LICKING RIVER

Traffic Under: 5 - Waterway

Insp. 04 - City or Municipal
Resp A: Highway Agency

FIPS Code: 61112 - PATASKALA (LIC county)

Location: CITY OF PATASKALA

0.1 MILE OF JCT TWP LN RD

Insp
Resp B:

Inspector

Prendeville,Brendan

Inspection Date

10/30/2024

Reviewer

Prendeville,Brendan

Classification		Geometric Data		
(112) NBIS Bridge	Yes	(48) Longest Span	30.0	Ft.
(104) Highway System of the Inventory Route	0 - Structure/Route is NOT on NHS	(49) Structure Length	92.0	Ft.
(26) Functional Classification of Inventory Route	19 - Urban - Local	(50A) Curb/Sidewalk Left Side - Width	4	Ft.
		(50B) Curb/Sidewalk Right Side - Width	0	Ft.
(100) Strahnet Highway Designation	Not a STRAHNET route	(51) Brdg Roadway Width Curb-to-Curb	32.0	Ft.
(101) Parallel Structure Designation	N - No parallel structure	(52) Deck Width, Out-to-Out	36.0	Ft.
(102) Direction of Traffic	2-way traffic	(32) Approach Roadway Width	32.0	Ft.
(103) Temporary Structure Design		(33) Bridge Median	0 - No 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)	32	Ft.
(21) Maintenance Responsibility	04 - City or Municipal Highway Agency	(54) Minimum Vertical Under Clearance	B. 0	Ft.
(21B) Major Maint. Responsibility B	04 - City or Municipal Highway Agency			
(221) Inspection Program Responsibility	A. 04 - City or Municipal Highway Agency			A. N - Feature not a highway or railroad
	B.	(56) Minimum Lateral Under Clearance on Left	0	Ft.
(22) Owner	04 - City or Municipal Highway Agency	(55) Minimum Lateral Under Clearance on Right	B. 0	Ft.
(37) Historical Significance	5-Not Eligible			A. N - Feature not a highway or railroad

Navigation Data		Proposed Improvements		
(38) Navigation Control	0 - No navigation control on waterway (bridge permit not required)	(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	1 - Navigation protection not required	(76) Length of Structure Improvement (FT)	0.0	
(116) Minimum Navigation Vertical Clearance, Vertical	0.0 Ft.	(94) Bridge Improvement Cost	\$ 0	

Inspector: Prendeville,Brendan
Inspection Date: 10/30/2024
Lift Bridge

Structure Number: 4564014
Facility Carried: KEY BOULIVARD

(95) Roadway Improvement Cost	\$ 0
(96) Total Project Cost	\$ 0
(97) Year of Improvement Cost Estimate	0000
(114) Future Average Daily Traffic	139
(115) Year of Future Average Daily Traffic	2016

Inspector: Prendeville,Brendan

Structure Number: 4564014

Inspection Date: 10/30/2024

Facility Carried: KEY BOULIVARD

Ohio Bridge Inventory

General

(203) Bridge Name (Dedicated Name)

(204) Ohio Designated MPO 07 - MORPC (Columbus)

(205) Route Number Extension

(206) Inventory Preferred Route NP - Non Preferred Route

(5.01) Priority System Code (Inventory Route) N- Not Applicable

(213) NLF_ID Inventory Route MLICMR01803**C

(218) Major Bridge N - No

(220) Inventory Location CITY OF PATASKALA

(226) Seismic Susceptibility N - not applicable

(227) GASB N - No

(236) Future Traffic Factor 1.388

(245) Aperture Cards Fabrication 2 - No

(246) Aperture Cards Original 2 - No

(247) Aperture Cards Repair 2 - No

(248) Original Construction Project Number

(251) Standard Drawing Number

(252) Microfilm Reel Number

(261) Bridge Remarks

(265) Electric Line Present N - Bridge does not carry a utility

(266) Gas Line Present N - Bridge does not carry a utility

(269) Sanitary Sewer Present N - Bridge does not carry a utility

(306) NBIS Bridge Length 92

(207) Route Under the Bridge 99

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	32	0	ft.

Inspector: Prendeville,Brendan
Inspection Date: 10/30/2024

Structure Number: 4564014
Facility Carried: KEY BOULIVARD

Load Rating	
-------------	--

(717) 2F1 Operating Rating Factor (GVW 15 T)	2.981
(720) 3F1 Operating Rating Factor (GVW 23 T)	2.060
(723.01) 4F1 Operating Factor (GVW 27 T)	1.935
(726.01) 5C1 Operating Rating Factor (GVW 40 T)	2.154
(723.02) SU4 Operating Rating Factor (GVW 27 T)	1.935
(726.02) SU5 Operating Rating Factor (GVW 31 T)	1.809
(732.01) SU6 Operating Rating Factor (GVW 34.75 T)	1.709
(732.02) SU7 Operating Rating Factor (GVW 38.75 T)	1.659
(735) EV2 Operating Rating Factor (GVW 28.75 T)	1.955
(738) EV3 Operating Rating Factor (GVW 43 T)	1.591
(734) Ohio Percent Legal	150
(705) Load Rater First Name	JAI
(706) Load Rater Last Name	LEE
(707) Load Rater PE Number	70217
(704) Load Rating Date	09/10/2024
(708) Load Rating Software	3 - AASHTO BrR (VIRTIS)
(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

Inspector: Prendeville,Brendan
Inspection Date: 10/30/2024

Structure Number: 4564014
Facility Carried: KEY BOULIVARD

Deck & Approach

(224) Temporary Subdecking	N - No
(404) Approach Slab Type	1 - Reinforced Concrete
(405) Approach Slab Length	15
	1 2 3
(406) Bridge Median Type	N - None N - Non Barrier N - No Joint
(407) Bridge Railing Type	7 - Steel Guardrail on Steel, Concrete or Timber Posts
(408) Composite Deck Code	N - Non-composite Construction
(419) Expansion Joint with Trough Retrofit 2	N - No
(421) Joint Trough (Y/N)	N - No
(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	3312
(427) Left Sidewalk/Curb Material	1 - Concrete
(428) Left Sidewalk/Curb Type	2 - Sidewalk (greater than 2' in width)
(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	6 - Stub - Capped Pile (Single Row Piles)
(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	6 - Stub - Capped Pile (Single Row Piles)
(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	8 - Capped Pile
(535) Pier 1 (Predominate) Material	7 - Steel and Concrete
(536) Pier 1 Type - Foundation Type	2 - Cast-in-Place Reinforced Concrete Piles (Other diameter)
(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	2 - Stone (No. 1 Aggregate)

Prendeville, Brendan
10/30/2024

Structure Number: 4564014
Facility Carried: KEY BOULIVARD

Superstructure

(711) Live Load Response	S - Satisfactory		
(468) Hinges/Pins/Hangers Type	N - Not Applicable (structures with no hinges)		
(409) Deck Drainage Type	6 - Over the side (with drip strip)		
(411) Deck Concrete Type	U - Unknown		
	A	B	C
(414) Expansion Joint Type	N - None	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 - No Structural Steel on Bridge		
(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	N - None
(663) Stream Velocity	
(672) pH	

Inspector: Prendeville,Brendan

Structure Number: 4564014

Inspection Date: 10/30/2024

Facility Carried: KEY BOULIVARD

ODOT District: District 05

LIC-KEYST-0010_(4564014)

Date Built: 07/01/1994

Major Maint: 04 - City or Municipal Highway
Agency

Facility Carried: KEY BOULIVARD

Traffic On: 5 - Highway-pedestrian

Rehab Date:

Routine Maint: 04 - City or Municipal Highway
Agency

Feature Inters: SOUTH FORK LICKING RIVER

Traffic Under: 5 - Waterway

Insp. 04 - City or Municipal
Resp A: Highway Agency

FIPS Code: 61112 - PATASKALA (LIC county)

Location: CITY OF PATASKALA

0.1 MI E OF JCT TWP LN RD

Insp
Resp B:

Inspector

Prendeville,Brendan

Inspection Date

10/30/2024

Reviewer

Prendeville,Brendan

Inspector Comments - Deck and Approach

Deck

Wearing Surface

The wearing surface has a minor amount of isolated wide and medium width cracks with some isolated previous failed sealant.

Transverse cracks at bridge limits with previous sealant.

Curbs/Sidewalk

Vertical sidewalk settlement up to 2" at Northeast and Northwest corners.

Guardrail

Very minor impact damage along South rail.

Sidewalk

Sidewalks settled 1"-2" at bridge on both ends of bridge.

Approach

Inspector Comments - General Appraisal

Inspector: Prendeville, Brendan
Inspection Date: 10/30/2024

Structure Number: 4564014
Facility Carried: KEY BOULIVARD

Superstructure

Beams/Girders

All spans have evidence of leakage with build up of efflorescence between Beams 1/2 and 8/9.

Spans are numbered west to east, beams are numbered north to south.

Span 1: Beam 1 south side bottom corner delaminated along 60% of beam, Beam 2 north side at pier 1 has a delamination approximately 2 foot long, Beam 4 at pier 1 north side has delamination approximately 1-foot-long south side bottom corner spall along 25% of beam at each end (50% of total length) with 1 exposed strand, Beam 5 70% of N bottom corner delaminated and spalled with 1 exposed strand.

Span 2: Beam 2 beam bottom corner is 50% delaminated and spalled along north edge with one exposed and broken strand. Beams 2, 3 and 4 have delaminated and spalled areas at beam bottom corners at both piers with one exposed strand at each beam at pier 2. Beam 3 has 5' of delaminated area along north edge. Beam 5 has a 3' long spall with one exposed and corroding strand at mid span.

Span 3: Beam 1 has one large spall with one exposed strand on south edge with rust staining and efflorescence over 50% of beam and a 4' long x 6" wide spall with one exposed strand near the east abutment. Beam 2 has a 1 sf area of delamination near the pier cap on the north edge and along 60% of north edge. Beam 3 has 3 foot delamination/spall on north beam edge at pier, at south beam edge there is a 5' spall with 2 exposed strands near pier, delamination for approximately 10% of length, 4 foot spall with 2 exposed strands on south edge. Beam 4 north face has a 4' spall at mid span with one exposed strand, 4' spall with one exposed strand at pier, beam 4 south face has a 15' spall with one exposed strand. Beam 5 has spalled areas along 50% of north beam edge with 1 exposed/broken strand. Beam 7 north edge exhibits a 3' long delamination 6' from pier 2.

Cracking and delamination at beam connections over pier.

Substructure

Abutment Walls

Inspector: Prendeville, Brendan

Structure Number: 4564014

Inspection Date: 10/30/2024

Facility Carried: KEY BOULIVARD

The walls have a minor amount of narrow width vertical cracks.

Pier Walls

Pier 1 has moderate surface corrosion on piles along waterline with no significant section loss.

Hairline flexural cracks above pile locations typical.

Culvert

Inspector Comments - Waterway

Waterway Adequacy

Hydraulic Opening

The opening appears sufficient. No signs of overtopping.

Channel

Channel Alignment

Channel flow is North to South. Flow is into pier 1, manly through span 2.

Protection

Minor flood debris on Northern pile of pier 1.

Channel Bank Damage

Inspector: Prendeville, Brendan

Structure Number: 4564014

Inspection Date: 10/30/2024

Facility Carried: KEY BOULIVARD

The west channel banks, upstream and downstream, are tall and vertically cut with various exposed root systems.

Scour Critical

Inspector: Prendeville,Brendan

Structure Number: 4564014

Inspection Date: 10/30/2024

Facility Carried: KEY BOULIVARD

ODOT District: District 05

LIC-KEYST-0010_(4564014)

Date Built: 07/01/1994

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Rehab Date:

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Feature Inters: SOUTH FORK LICKING RIVER

Traffic Under: 5 - Waterway

Insp. 04 - City or Municipal
Resp A: Highway Agency

FIPS Code: 61112 - PATASKALA (LIC county)

Location: CITY OF PATASKALA

0.1 MI E OF JCT TWP LN RD

Insp
Resp B:

Inspector

Prendeville,Brendan

Inspection Date

10/30/2024

Reviewer

Prendeville,Brendan

Summary Recommendations

Load Rating excludes 3 of 11 total strands due to beam deterioration.

Inspector: Brendan Prendeville

Structure Number: 4564014

Inspection Date: 10/30/2024

Facility Carried: KEY BOULIVARD

Bridge Inspection Report

Pictures



PHOTO 1 Condition

Description End view looking east.



PHOTO 2 Condition

Description End view looking west.

Inspector: Brendan Prendeville

Structure Number: 4564014

Inspection Date: 10/30/2024

Facility Carried: KEY BOULIVARD

Bridge Inspection Report

Pictures



PHOTO 3 Elevation

Description Looking southeast at the bridge elevation, north fascia.



PHOTO 4 Elevation

Description Looking northwest at the bridge elevation, south fascia.

Inspector: Brendan Prendeville

Structure Number: 4564014

Inspection Date: 10/30/2024

Facility Carried: KEY BOULIVARD

Bridge Inspection Report

Pictures



PHOTO 5 Condition

Description Looking south at the downstream channel.

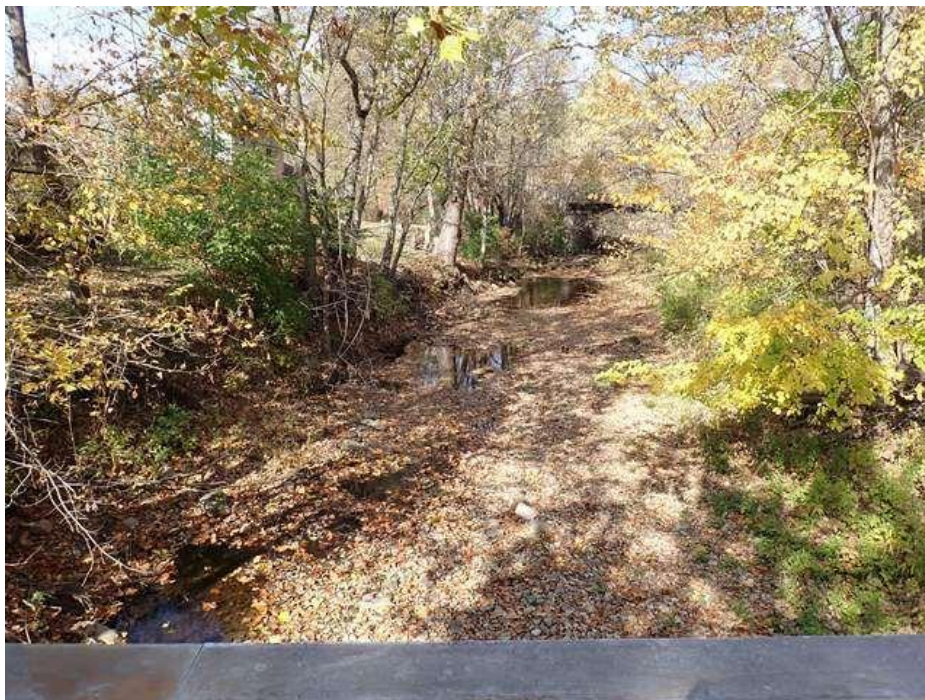


PHOTO 6 Condition

Description Looking north at the upstream channel.

Inspector: Brendan Prendeville

Structure Number: 4564014

Inspection Date: 10/30/2024

Facility Carried: KEY BOULIVARD

Bridge Inspection Report

Pictures

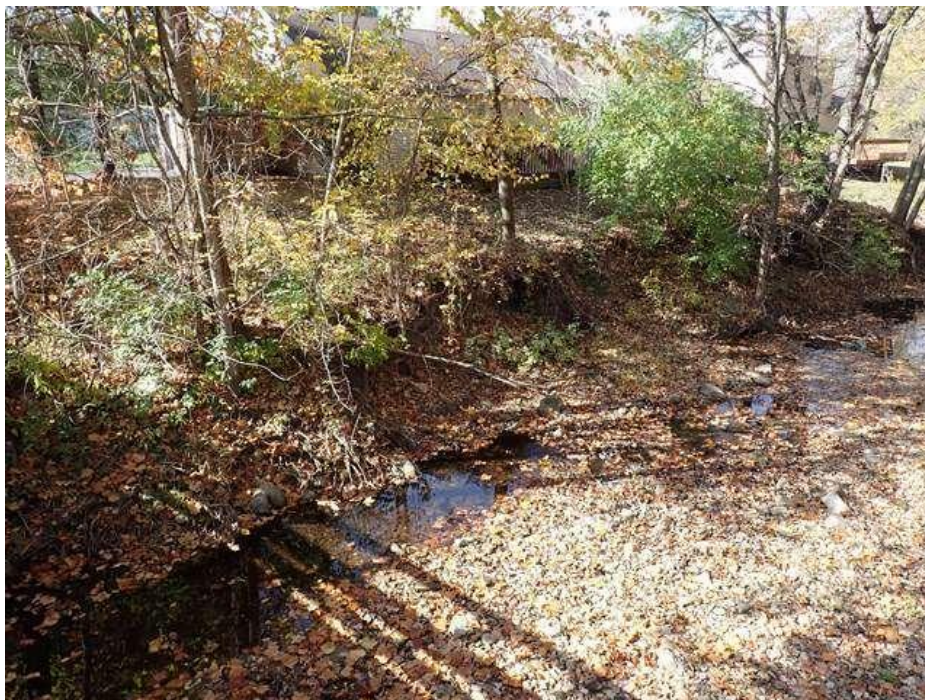


PHOTO 7 Condition

Description Looking northwest at the upstream channel. Note: the northwest channel bank is steep and exhibits vertical cutting.



PHOTO 8 Condition

Description Looking southeast at typical wearing surface.

Inspector: Brendan Prendeville

Structure Number: 4564014

Inspection Date: 10/30/2024

Facility Carried: KEY BOULIVARD

Bridge Inspection Report

Pictures



PHOTO 9 Condition

Description Looking northeast at typical bridge railing, north rail.



PHOTO 10 Condition

Description Looking southeast at the south bridge rail. Note: minor impact damage to the south bridge railing.

Inspector: Brendan Prendeville

Structure Number: 4564014

Inspection Date: 10/30/2024

Facility Carried: KEY BOULIVARD

Bridge Inspection Report

Pictures



PHOTO 11 Condition

Description Looking south at typical superstructure, underside of span 2.



PHOTO 12 Condition

Description Looking west at typical substructure, west abutment.

Inspector: Brendan Prendeville

Structure Number: 4564014

Inspection Date: 10/30/2024

Facility Carried: KEY BOULIVARD

Bridge Inspection Report

Pictures



PHOTO 13 Condition

Description Looking east at typical substructure, pier 2.



PHOTO 14 Condition

Description Looking east at the pedestrian sidewalk. Note: the sidewalk has settled up to 2" at both ends of the bridge.

Inspector: Brendan Prendeville

Inspection Date: 10/30/2024

Structure Number: 4564014

Facility Carried: KEY BOULIVARD

Bridge Inspection Report

Pictures



PHOTO 15 Condition

Description Looking west at the south edge of beam 1 in span 1. Note: typical concrete delamination along the underside of the beam.



PHOTO 16 Condition

Description Looking west at the north edge of beam 5 in span 1. Note: one exposed and corroding strand.

Inspector: Brendan Prendeville

Inspection Date: 10/30/2024

Structure Number: 4564014

Facility Carried: KEY BOULIVARD

Bridge Inspection Report

Pictures



PHOTO 17 Condition

Description Looking east at the north edge of beam 2 in span 2. Note: delamination/spalling with one exposed and corroding strand.



PHOTO 18 Condition

Description Looking west at columns 1 through 3 at pier 1. Note: typical corrosion at the waterline.

Inspector: Brendan Prendeville

Structure Number: 4564014

Inspection Date: 10/30/2024

Facility Carried: KEY BOULIVARD

Bridge Inspection Report

Pictures



PHOTO 19 Condition

Description Looking west at beams 5 and 6 in span 3. Note: both beams exhibit a 15' long edge spall with one exposed and corroding strand each.