

Inspector: Harris, Scott
Inspection Date: 12/14/2022

Structure Number: 5798
Facility Carried: KENDUSKEAG AVENUE

Highway Bridge Inspection Report

Inspection Type(s): Routine

Bridge Name: KENDUSKEAG AVENUE / I95

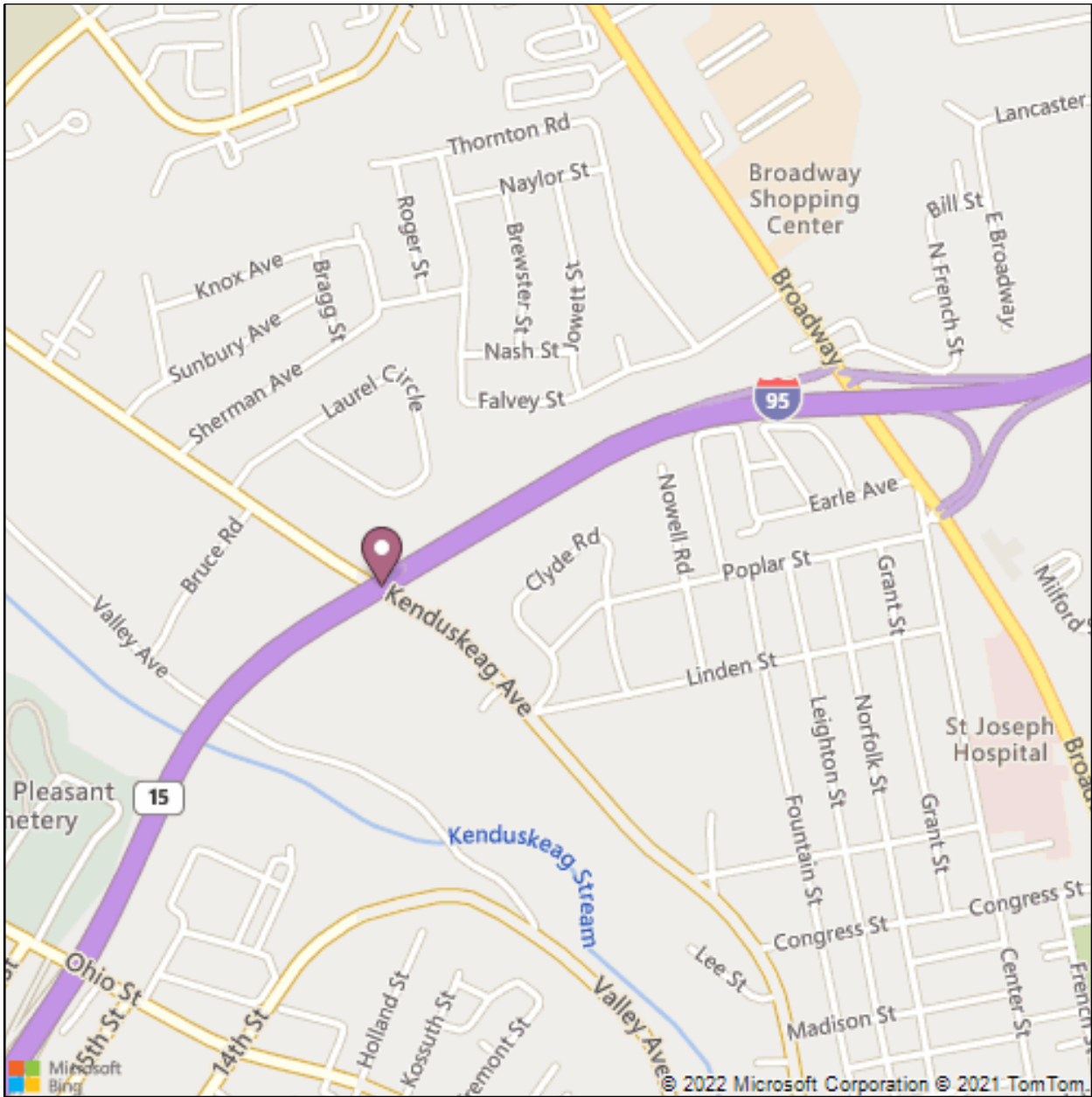
Town: Bangor



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Latitude: 44.81673

Longitude: -68.78493

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National Bridge Inventory

Status: 1 - SD

Bridge Name: KENDUSKEAG AVENUE / I95

Sufficiency Rating: 60.6

Inspections

(90) INSPECTION DATE	& (91) DESIGNATED INSPECTION FREQUENCY	24	12/14/2022
(92) CRITICAL FEATURE INSPECTION	& (93) CFI DATE		
(92A) FRACTURE CRITICAL DETAIL		N	
(92B) UNDERWATER INSPECTION		N	
(92C) OTHER SPECIAL INSPECTION		N	

Identification

(1) STATE CODE	231 - Maine
(8) STRUCTURE NUMBER	5798
(5) INVENTORY ROUTE	
(5A) RECORD TYPE	1: Route carried "on" the structure
(5B) ROUTE SIGNING PREFIX	4 - COUNTY HIGHWAY
(5C) DESIGNATED LEVEL OF SERVICE	0 - None
(5) INVENTORY ROUTE	0
(5) INVENTORY ROUTE	0 - NOT APPLICABLE
(2) HIGHWAY AGENCY DISTRICT	04 - Eastern
(3) COUNTY CODE	019 Penobscot
(4) PLACE CODE	02795
(6) FEATURES INTERSECTED	INTERSTATE 95
(7) FACILITY CARRIED	KENDUSKEAG AVENUE
(9) LOCATION	0.5 MI S OF JCT RTE 15
(11) MILEPOINT	0.890
(12) BASE HIGHWAY NETWORK	Inventory Route is not on the Base Network
(13) LRS INVENTORY ROUTE, SUBROUTE	
(13A) LRS INVENTORY ROUTE	0001910159
(13B) SUBROUTE NUMBER	00
(16) LATITUDE	44.81673
(17) LONGITUDE	-68.78493
(98A) BORDER BRIDGE CODE	
(98B) PERCENT RESPONSIBILITY	0
(99) BORDER BRIDGE STRUCT NO.	n/a

Structure Type and Material

(43) STRUCTURE TYPE, MAIN	
(43A) KIND OF MATERIAL/DESIGN	3 - Steel
(43B) TYPE OF DESIGN/CONSTR	02 - Stringer/Multi-beam or Girder
(44) STRUCTURE TYPE, APPROACH SPANS	
(44A) KIND OF MATERIAL/DESIGN	0 - Other
(44B) TYPE OF DESIGN/CONSTRUCTION	00 - Other
(45) NUMBER OF SPANS IN MAIN UNIT	4
(46) NUMBER OF APPROACH SPANS	0
(107) DECK STRUCTURE TYPE	1 - Concrete Cast-in-Place
(108) WEARING SURFACE/PROTECTIVE SYSTEMS	
(108A) WEARING SURFACE	1 - Monolithic Concrete (concurrently placed with structural deck)
(108B) DECK MEMBRANE	0 - None
(108C) DECK PROTECTION	0 - None

Age of Service

(27) YEAR BUILT	1960
(106) YEAR RECONSTRUCTED	
(42) TYPE OF SERVICE	
(42A) TYPE OF SERVICE ON BRIDGE	5 - Highway-pedestrian
(42B) TYPE OF SERVICE UNDER BRIDGE	1 - Highway, with or w/out pedestrian
(28) LANES	
(28A) LANES ON THE STRUCTURE	02
(28B) LANES UNDER THE STRUCTURE	04

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(29) AVERAGE DAILY TRAFFIC	3020
(30) YEAR OF AVERAGE DAILY TRAFFIC	2016
(109) AVERAGE DAILY TRUCK TRAFFIC	5
(19) BYPASS DETOUR LENGTH	4

Geometric Data

(48) LENGTH OF MAXIMUM SPAN (ft.)	58.9
(49) STRUCTURE LENGTH (ft.)	229.7
(50) CURB/SIDEWALK WIDTHS	
(50A) LEFT CURB SIDEWALK (ft.)	3.0
(50B) RIGHT CURB SIDEWALK (ft.)	3.0
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	26.3
(52) DECK WIDTH, OUT-TO-OUT (ft.)	34.2
(32) APPROACH ROADWAY WIDTH (ft.)	38.0
(33) BRIDGE MEDIAN	0 - No median
(34) SKEW (deg.)	30
(35) STRUCTURE FLARED	0 - No flare
(10) INV RTE, MIN VERT CLEARANCE (ft.)	328.05
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	26.0
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	327.76
(54) MIN VERTICAL UNDERCLEARANCE	
(54A) REFERENCE FEATURE	H - Highway beneath structure
(54B) MIN VERTICAL UNDERCLEARANCE (ft.)	16.25
(55) MIN LATERAL UNDER CLEARANCE RIGHT	
(55A) REFERENCE FEATURE	H - Highway beneath structure
(55B) MIN LATERAL UNDER CLEARANCE RIGHT (ft.)	11.15
(56) MIN LATERAL UNDER CLEARANCE (ft.)	3.9

Classification

(112) NBIS BRIDGE LENGTH	Yes
(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0 - Structure/Route is NOT on NHS
(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	17 - Urban - Collector
(100) STRAHNET HIGHWAY DESIGNATION	Not a STRAHNET route
(101) PARALLEL STRUCTURE DESIGNATION	N - No parallel structure
(102) DIRECTION OF TRAFFIC	2-way traffic
(103) TEMP STRUCTURE	
(105) FEDERAL LANDS HIGHWAYS	Not Applicable
(110) DESIGNATED NATIONAL NETWORK	Inventory route not on network
(20) TOLL	3 - On Free Road
(21) MAINTENANCE RESPONSIBILITY	01 - State Highway Agency
(22) OWNER	01 - State Highway Agency
(37) HISTORICAL SIGNIFICANCE	4 - Not determinable

Condition

(58) DECK	4 - Poor Condition (advanced deterioration)
(59) SUPERSTRUCTURE	5 - Fair Condition (minor section loss)
(60) SUBSTRUCTURE	5 - Fair Condition (minor section loss)
(61) CHANNEL & CHANNEL PROTECTION	5 - Bank eroded.. major damage
(62) CULVERT	N - Not Applicable

Load Rating and Posting

(31) DESIGN LOAD	4 - H 20
(63) METHOD USED TO DETERMINE OPERATING RATING	8 - Load and Resistance Factor Rating (LRFR) rating report by rating factor (RF) method using HL-93 loadings.
(64) OPERATING RATING	1.36
(65) METHOD USED TO DETERMINE INVENTORY RATING	8 - Load and Resistance Factor Rating (LRFR) rating report by rating factor (RF) method using HL-93 loadings.
(66) INVENTORY RATING	1.05
(70) BRIDGE POSTING	5 - Equal to or above legal loads

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(41) STRUCTURE OPEN/POSTED/CLOSED

A - Open

Appraisal

(67) STRUCTURAL EVALUATION	5
(68) DECK GEOMETRY	3
(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	4
(71) WATERWAY ADEQUACY	N - Not Applicable
(72) APPROACH ROADWAY ALIGNMENT	7 - Better than present minimum criteria
(36) TRAFFIC SAFETY FEATURE	
36A) BRIDGE RAILINGS:	0 - Does not meet acceptable standards/safety feature is required
36B) TRANSITIONS:	0 - Does not meet acceptable standards/safety feature is required
36C) APPROACH GUARDRAIL	0 - Does not meet acceptable standards/safety feature is required
36D) APPROACH GUARDRAIL ENDS	0 - Does not meet acceptable standards/safety feature is required
(113) SCOUR CRITICAL BRIDGES	N - Not over waterway

Proposed Improvements

(75) TYPE OF WORK	
(75A) TYPE OF WORK PROPOSED	
(75B) WORK DONE BY	
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	
(94) BRIDGE IMPROVEMENT COST (\$K)	
(95) ROADWAY IMPROVEMENT COST (\$K)	
(96) TOTAL PROJECT COST	
(97) YEAR OF IMPROVEMENT COST ESTIMATE	
(114) FUTURE ADT	4228
(115) YEAR OF FUTURE ADT	2036

Navigation Data

(38) NAVIGATION CONTROL	N - Not applicable, no waterway
(111) PIER OR ABUTMENT PROTECTION	
(39) NAV VERT CLEARANCE	0
(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE	0
(40) NAV HORIZONTAL CLEARANCE	0

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Inspection Notes

Structure Number: 5798

Town: Bangor

Structure Name: KENDUSKEAG AVENUE / I95

Structure Notes

1960 Four span steel open girders. Concrete deck, abutments piers and wearing surface.
2008 Pier caps and abutment repaired + new drains.
2009 Caps re-repaired due to premature failure of conc.

Wearing Surface

Did not chain this inspection due to freezing conditions. previous report indicated: Chained entire concrete wearing surface and found approximately 10% minor/ isolated moderate cracking with small areas of delamination. Concrete at ends have been partially patched/ crumbled. Bituminous in this area is poor.

Deck

NBI Item 58: 4

Overall poor condition with light scaling of curb lines & fascia's. Scattered staining with isolated spalls and full depth patches. The North safety walk/curbs have been rehabbed. The South safety walk/curbs have sections of rehab. Scattered spalls exposing anchor bolts on the concrete portion of the bridge rail.
New thri-rail in front of old bridge rail. Plugged deck drain over the NW pier. Joints appear in satisfactory condition with no major leakage

Superstructure

NBI Item 59: 5

Overall fair condition with 60% paint system distress and minor/ isolated moderate rusting of flanges & lower web areas. Bearings at the abutments have been fluid filmed but not the beam ends.

Substructure

NBI Item 60: 5

Abutments have scattered moderate cracking, staining, and delamination adjacent to bearing areas. bridge seats. Piers have been rehabbed. center pier east face has large spalls at 3 of 5 bearing areas.

Culvert

NBI Item 62: N

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Channel

NBI Item 61: 5

Other

Previous Broken & hanging fiberglass utility conduit adjacent to I-95 NB travel/ shoulder area has been removed.
Slope protection has minor slumping near the tops. Heavy slope erosion in front of the NW pier. Approach guardrail has end damage.

Special Inspection

Monitoring

Pontis Notes

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Highway Bridge Inspection Report

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
12-Reinforced Concrete Deck	3 - Mod.	7798	sq. ft.	0	5898	1900	0
107-Steel Open Girder/Beam	3 - Mod.	1140	ft.	585	550	5	0
515-Steel Protective Coating		1140	sq. ft.	0	0	570	570
205-Reinforced Concrete Column	3 - Mod.	6	each	0	6	0	0
215-Reinforced Concrete Abutment	2 - Low	132	ft.	0	92	40	0
234-Reinforced Concrete Pier Cap	3 - Mod.	113	ft.	0	103	10	0
302-Compression Joint Seal	3 - Mod.	108	ft.	108	0	0	0
311-Movable Bearing	3 - Mod.	20	each	0	20	0	0
515-Steel Protective Coating		20	sq. ft.	0	0	0	20
313-Fixed Bearing	3 - Mod.	20	each	0	20	0	0
515-Steel Protective Coating		20	sq. ft.	0	0	0	20
331-Reinforced Concrete Bridge Railing	3 - Mod.	456	ft.	0	456	0	0
801-Beam End	3 - Mod.	40	each	0	38	2	0
515-Steel Protective Coating		40	sq. ft.	0	0	0	40
809-Steel Preventative Coating (Fluid Film)		40	sq. ft.	0	40	0	0
843-Rigid Wearing Surface	3 - Mod.	5996	sq. ft.	3296	2400	300	0
855-Slope Protection - Concrete	2 - Low	6600	sq. ft.	5000	1600	0	0

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Over Limit Report

Bridge #: 5798
Bridge Name: KENDUSKEAG AVENUE / I95
Owner: 01 - State Highway Agency
Co-Owner: N Not applicable
Region: 04 - Eastern

Town1: Bangor
Town2:
Maintainer: 01 - State Highway Agency
Co-Maintainer: N Not applicable

Vertical Clearance - Under

Left, Center, and Right is based on the direction of travel

Roadway - Heading North or East

Actual Heights in Feet-Inches

Date Measured: 08/05/2013

	<u>Left</u>	<u>Center</u>	<u>Right</u>	<u>Posted</u>	<u>Deficient Sign</u>
Main: INTERSTATE 95	15 - 8	15 - 1	14 - 8	<input type="checkbox"/> Main -	
Other:	-	-	-	<input type="checkbox"/> Other -	
Ramps:	-	-	-	<input type="checkbox"/> Ramp -	

Roadway - Heading South or West

Actual Heights in Feet-Inches

Date Measured: 08/05/2013

	<u>Left</u>	<u>Center</u>	<u>Right</u>	<u>Posted</u>	<u>Deficient Sign</u>
Main: INTERSTATE 95	16 - 2	16 - 3	17 - 2	<input type="checkbox"/> Main -	
Other:	-	-	-	<input type="checkbox"/> Other -	
Ramps:	-	-	-	<input type="checkbox"/> Ramp -	

Vertical Clearance - Portal

Roadway: KENDUSKEAG AVENUE

Heading North or East

Actual Heights in Feet-Inches

Date Measured:

<u>Left</u>	<u>Center</u>	<u>Right</u>	<u>Posted</u>	<u>Deficient Sign</u>
-	-	-	<input type="checkbox"/> Portal -	

Heading South or West

Actual Heights in Feet-Inches

Date Measured:

<u>Left</u>	<u>Center</u>	<u>Right</u>	<u>Posted</u>	<u>Deficient Sign</u>
-	-	-	<input type="checkbox"/> Portal -	

Permitting

Pointer

☐ Red Flag Comments

Heading North Height: 14 - 8 2037273-BRPT
Heading South Height: 16 - 2 2037274-BRPT
Left Ramp Height: -
Right Ramp Height: -
Portal North Height: -
Portal South Height: -
Other Road Height: -

Bridge Width: 26.3 ft
Roadway Width: 38.0 ft

Underclearance heights are signed if less than 14 ft 6 in

Check with Maine Turnpike Authority for load heights over 13 ft 6 in

Always check 511

Load Restrictions

Posted tons Date posted:
Posted One Truck at aTime
Posted for 4 axle only
Operating Load Rating 1.36
Permit Load Ratings axles

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Facility Carried:

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	axles
	axles

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Highway Bridge Inspection Report

Underwater Dive Inspection Report

Structure Number: 5798

Bridge Name: KENDUSKEAG AVENUE / I95

Town 1: 19020 - Bangor

Town 2:

Division: Bangor

DiveID: 4090

☐ Tidal:

Location: .5 MI S #15

Photos:

Tide Information:

Dive Entry Location:

Scour:

Comments/Hazards:

Streambed Description:

Channel Description:

Substructure Description:

Inspection Team:

Role:

Dive Conditions:

Time: Entry: AM/PM

Time: Exit: AM/PM

Water Temp:

Visibility (ft):

Max Depth (ft):

Current:

Weather:

Underwater Inspection Date:

Channel Condition:

Substr/Culvert Condition:

Inspection Cycle:

Ratings Comments:

Inspector: Scott Harris
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Highway Bridge Inspection Report

Pictures



PHOTO 1

Description Roadway looking east



PHOTO 2

Description west end crumbling wearing surface

Inspector: Scott Harris
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Highway Bridge Inspection Report

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PHOTO 3

Description west end wearing surface pothole



PHOTO 4

Description north rail

Inspector: Scott Harris
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Highway Bridge Inspection Report

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PHOTO 5

Description south rail



PHOTO 6

Description longitudinal cracking concrete wearing surface

Inspector: Scott Harris
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Highway Bridge Inspection Report

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PHOTO 7

Description west pier joint



PHOTO 8

Description core hole patch

Inspector: Scott Harris
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Highway Bridge Inspection Report

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PHOTO 9

Description general view wearing surface



PHOTO 10

Description center pier joint

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Highway Bridge Inspection Report

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PHOTO 11

Description east end joint



PHOTO 12

Description east end of wearing surface

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Highway Bridge Inspection Report

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PHOTO 13

Description north side view



PHOTO 14

Description NE beam end

Inspector: Scott Harris
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Highway Bridge Inspection Report

Pictures



PHOTO 15

Description failing paint north exterior girder



PHOTO 16

Description east abutment

Inspector: Scott Harris
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Highway Bridge Inspection Report

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PHOTO 17

Description east abutment slope pavement



PHOTO 18

Description rusted out utility conduit lines

Inspector: Scott Harris
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Structure Number: 5798
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Highway Bridge Inspection Report

Pictures



PHOTO 19

Description spalled concrete on east abutment bridge seat



PHOTO 20

Description

Inspector: Scott Harris
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Highway Bridge Inspection Report

Pictures



PHOTO 21

Description cracking & delaminated east abutment bridge seat



PHOTO 22

Description Typical paint failure & rusting of east abutment interior beam ends

Inspector: Scott Harris
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Highway Bridge Inspection Report

Pictures



PHOTO 23

Description Failed paint exterior south girder



PHOTO 24

Description Failed paint exterior south girder

Inspector: Scott Harris
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Highway Bridge Inspection Report

Pictures



PHOTO 25

Description east pier east face



PHOTO 26

Description north end of east pier cap/ beam ends

Inspector: Scott Harris
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Highway Bridge Inspection Report

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PHOTO 27

Description east span view



PHOTO 28

Description I95 NB span

Inspector: Scott Harris
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PHOTO 29

Description Center pier east face



PHOTO 30

Description patched spall bottom of deck I95 NB span

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Highway Bridge Inspection Report

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PHOTO 31

Description I95 NB span



PHOTO 32

Description I95 NB span paint failures

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PHOTO 33

Description center pier east side bridge seat spall at bearing



PHOTO 34

Description center pier east side bridge seat spall at bearing

Inspector: Scott Harris
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Highway Bridge Inspection Report

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PHOTO 35

Description center pier east side bridge seat spall at bearing



PHOTO 36

Description east pier south end

Inspector: Scott Harris
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PHOTO 37

Description failing paint exterior south girder



PHOTO 38

Description south side view

Inspector: Scott Harris
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Highway Bridge Inspection Report

Pictures



PHOTO 39

Description



PHOTO 40

Description NW abutment beam end

Inspector: Scott Harris
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Highway Bridge Inspection Report

Pictures



PHOTO 41

Description north girder



PHOTO 42

Description Rotted out utility conduit west abutment

Inspector: Scott Harris
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Highway Bridge Inspection Report

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PHOTO 43

Description west abutment beam ends



PHOTO 44

Description west abutment delaminated bridge seat area

Inspector: Scott Harris
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Highway Bridge Inspection Report

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PHOTO 45

Description west abutment interior beam end



PHOTO 46

Description west abutment slope pavement

Inspector: Scott Harris
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Highway Bridge Inspection Report

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PHOTO 47

Description paint south exterior girder



PHOTO 48

Description west pier west face

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PHOTO 49

Description west span view



PHOTO 50

Description west span view

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PHOTO 51

Description west pier east face



PHOTO 52

Description I95 SB span

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Highway Bridge Inspection Report

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PHOTO 53

Description I95 SB span



PHOTO 54

Description center pier west face

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Highway Bridge Inspection Report

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PHOTO 55

Description deck spalls I95 SB span (Not over roadway)



PHOTO 56

Description West pier south end

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PHOTO 57

Description wet bottom of deck west end

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Highway Bridge Inspection Report

Maintenance Work Items

Structure Number: 5798
Town: 19020

Structure Name: KENDUSKEAG AVENUE / I95
Owner: Harris,Scott

Type	Work Item	Priority	Notes
Capital	Other		Apply Silane
Maintenance	Repair Wearing Surface		repair wearing surface near ends
Capital	Rehab Substructure		Center pier cap at bearing areas
Maintenance	Repair Deck		Repair curbs
Maintenance	Repair Erosion		Repair slope erosion.
Preservation	Remove Debris		Clean drains.
Preservation	Coat Beam Ends		
Capital	Paint		
Capital			Rehab abutments

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Highway Bridge Inspection Report

MaineDOT NBIS Bridge Safety Inspection JSA

Inspector: Harris,Scott
Team Lead: Scott Harris
Structure Number: 5798
Structure Name: KENDUSKEAG AVENUE / I95
Town: Bangor

Additional Team Members/Visitors:

- | | |
|-----|-----|
| 1.) | 6.) |
| 2.) | 7.) |
| 3.) | 8.) |
| 4.) | 9.) |
| 5.) | |

Job being performed:

Routine bridge inspection.

Potential Hazard:

☒ Exposure to traffic

Caution - High traffic volume under the bridge

Potential Hazard:

☒ Steep slopes and uneven working areas
(rip rap, mud, loose fill, etc)

Potential Hazard:

☒ Chipped Concrete or Steel (hand tools only)

Potential Hazard:

☒ 6' Vertical drops

Potential Hazard:

☐ Water Hazards

- ☐ Water depth under 1 foot
- ☐ Water depth 1 to 4 feet
- ☐ Water depth over 4 feet
- ☐ Water flow calm/slow moving
- ☐ Water flow visible/not rapid
- ☐ Water flow rapid with some short falls
- ☐ Tidal Water

Controls:

- ☒ Parked off road with strobe
- ☒ Less than 1 hour on bridge
- ☒ Wear standard reflective clothing and hard hat
- ☐ Spotter ☐ Traffic Control Crew

Controls:

- ☒ Wear appropriate, prudent footwear
- ☐ Rope or fall protection

Controls:

- ☒ Wear appropriate, prudent eye/hand protection

Controls:

- ☒ Stay away from areas

Controls:

- ☐ Evaluate Water Hazard conditions
- ☐ Use/Wear appropriate PPE
- ☐ Buddy System

Inspector: Harris, Scott
Inspection Date: 12/14/2022

Structure Number: 5798
Facility Carried: KENDUSKEAG AVENUE

Highway Bridge Inspection Report

No water exists at the bridge

Potential Hazard:

☒ Insects, Poison Ivy, or other environmental hazards

Potential Hazard:

☒ Lead paint and Avian excrement

Potential Hazard:

☐ Heavy Manual Lifting

Potential Hazard:

☐ DCS, Lung Expansion

Potential Hazard:

☐ Entanglement U/W

Potential Hazard:

☐ Boat Traffic

Potential Hazard:

☐ Cold Water

Potential Hazard:

☐ Live Boating

Other Potential Hazards:

Controls:

☒ Apply insect repellent and/or sunscreen

☐ Protect skin with appropriate, prudent clothing

Controls:

☒ Wear gloves, do not scrape

Controls:

☐ Ask for assistance in donning dive gear,
lifting equipment

Controls:

☐ Ascend slowly, use computers, Safety Stops
(15' mark for 3 min.)

Controls:

☐ Use knife, Comm gear

Controls:

☐ Fly Dive Flag, use spotter, contact bridge
on Chan. 13

Controls:

☐ Use adequate dry suit underwear
for water temperature

Controls:

☐ Keep track of divers, avoid powering during
drop-off/pick-up

Other Controls:

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Inspection Date: 12/14/2022

Structure Number: 5798
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Highway Bridge Inspection Report

Safety Equipment Required:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Hard hat | <input checked="" type="checkbox"/> Sunscreen |
| <input checked="" type="checkbox"/> Vest | <input checked="" type="checkbox"/> First Aid |
| <input checked="" type="checkbox"/> Glasses | <input type="checkbox"/> O2 |
| <input checked="" type="checkbox"/> Gloves | <input type="checkbox"/> AED |
| <input type="checkbox"/> PFD | <input type="checkbox"/> Comm Gear |
| <input type="checkbox"/> Rain Gear | <input checked="" type="checkbox"/> Cell Phone |
| <input checked="" type="checkbox"/> Bug Spray | <input type="checkbox"/> Boat |

- ☐ Throw Ring
☐ Throw Rope
☐ Positioning Device

Emergency Action Plan:

- ☒ Call 911
☒ First Aid Kit
☐ Fall Rescue Plan
☐ Water Rescue Plan
☐ Dan 1-919-684-9111
☐ USCG 741-5465

Other Safety Equipment:

--

Other Emergency Action Plan:

--

I certify that the MaineDOT NBIS Bridge Safety Inspection JSA has been completed according to all proper procedures required by the Maine Department of Transportation.

☒ Complete Scott B. Harris

Inspector: Harris, Scott
Inspection Date: 12/14/2022

Structure Number: 5798
Facility Carried: KENDUSKEAG AVENUE

Highway Bridge Inspection Report

Bridge Components

Bridge #: 5798
Bridge Name: KENDUSKEAG AVENUE / I95
Owner: 01 - State Highway Agency
Co-Owner: N Not applicable
Region: 04 - Eastern

Town1: Bangor
Town2:
Maintainer: 01 - State Highway Agency
Co-Maintainer: N Not applicable

Deck

Joint Seal Type/MFG:

☐ Emseal
☐ V Seal
☐ Watson Bowman
☐ Hot Rubber
☐ Pour-in-Place
☐ DS Brown

Joint Types:

☐ Finger
☐ Asphaltic Plug
☐ Compression
☐ Modular
☐ Gland
☐ Waybo Crete

☐ Sliding
☐ Transflex
☐ Open

Joint HDR Mat:

☐ Concrete
☐ Delcrete
☐ Elastomeric
☐ LP Concrete
☐ Phoscrete
☐ Plycrete

Other:

☐ Curtain
☐ Troughs
☐ Armor

Rebar Type:

Superstructure

Left Side Rail:

Material Aluminum ☒ Retrofit
Shape Round ☒ Safety Walk
Attached To Parapet ☐ Pales
Number of Bars 2 ☐ Snow Fence
Extra Height N

Right Side Rail:

Material Aluminum ☒ Retrofit
Shape Round ☒ Safety Walk
Attached To Parapet ☐ Pales
Number of Bars 2 ☐ Snow Fence
Extra Height N

Bearing Type Quantity:

☐ Disk ☐ Elastomeric
☐ Pot ☐ Rocker
☐ Roller ☐ Sliding Plate

Other:

☐ Pin Quantity
☐ Pin and Link Quantity

Fatigue Prone Detail:

☐ Narrow Cover Plate - Sq End Welded
☐ Narrow Cover Plate - Sq End w/o Weld
☐ Wide Cover Plate - Sq End Welded
☐ Wide Cover Plate - Sq End w/o Weld
☐ Lateral Connection Plate - Welded
☐ Narrow Cover Plate - Tapered End Welded
☐ Narrow Cover Plate - Tapered End w/o Weld
☐ Longitudinal Stiffener - Welded with Radius
☐ Longitudinal Stiffener - Welded w/o Radius
☐ Hoan Detail

Substructure

☐ Pier Collars
☐ Abutment Collars
☐ Wood Piles
☐ Steel Piles
☐ Blocked Bridge

Retaining Wall Type:

Other

Confined Space
☐ Bridge Lighting
☐ Cat Walk
☐ Navigational Lighting
☐ Signs Attached

General Notes

Inspector: Harris, Scott
Inspection Date: 12/14/2022

Structure Number: 5798
Facility Carried: KENDUSKEAG AVENUE

Highway Bridge Inspection Report

Bridge Preservation

Bridge #: 5798
Bridge Name: KENDUSKEAG AVENUE / I95
Owner: 01 - State Highway Agency
Co-Owner: N Not applicable
Region: 04 - Eastern

Town1: Bangor
Town2:
Maintainer: 01 - State Highway Agency
Co-Maintainer: N Not applicable

Deck			Common Preservation	
<u>NBI Deck Information:</u>		<u>Wearing Surface:</u>	<u>Paint Information:</u>	<u>Anodes:</u>
Deck Type	1 - Concrete Cast-in-Place	Type 1 - Monolithic Concrete (concurrently placed with structural deck)	Type	<input type="checkbox"/> Installed
Deck Protection	0 - None	Last Date 1980	Last Date 1984	<input type="checkbox"/> Detached
Membrane Type	0 - None	Lifespan (Yrs) Next Date Est. 1980	Lifespan (Yrs) Next Date Est. 2009	<input type="checkbox"/> Replace
		Mill & Fill Date		
Superstructure				
<u>Beam Ends Paint:</u>	<u>Bearings Paint:</u>	<u>Bearings Lubrication:</u>	<u>Concrete-Silane:</u>	<u>Washing:</u>
Last Date	Last Date	Last Date	Last Date	<input checked="" type="checkbox"/> Required
Next Date Est.	Next Date Est.	Next Date Est.	Next Date Est. 1984	<input type="checkbox"/> UBIT
<u>Beam Ends Fluid Film:</u>	<u>Bearings Fluid Film:</u>	<u>Treatment:</u>	<u>Concrete-Linseed</u>	
Last Date	Last Date	<input type="checkbox"/> Core 10	Last Date	
Next Date Est.	Next Date Est.	<input type="checkbox"/> Galvanized	Next Date Est.	
		<input type="checkbox"/> Metalized	<input type="checkbox"/> Alkali-Silica reactivity	
Substructure				
General Notes				