

Inspector: Harris,Scott
Inspection Date: 09/11/2024

Structure Number: 1560
Facility Carried: ROBERTSON BLVD

Highway Bridge Inspection Report

Inspection Type(s): Routine

Bridge Name: INDUSTRIAL PARK RD / I395

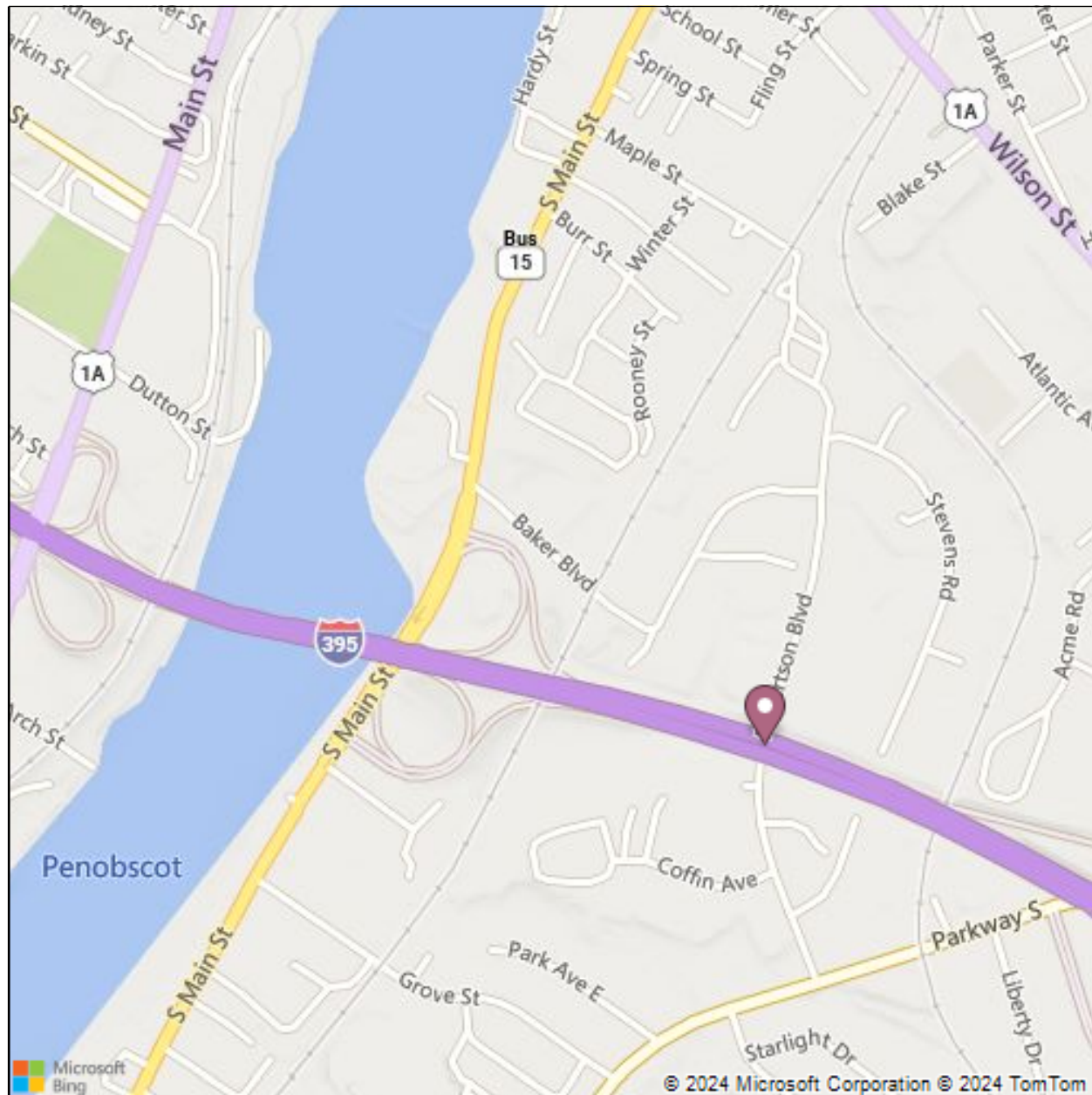
Town: Brewer



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Highway Bridge Inspection Report



Latitude: 44.78257

Longitude: -68.76513

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Highway Bridge Inspection Report
National Bridge Inventory

Status: 0 - ND

Bridge Name: INDUSTRIAL PARK RD / I395

Sufficiency Rating: 85.0

Inspections

(90) INSPECTION DATE & (91) DESIGNATED INSPECTION FREQUENCY 24 09/11/2024
(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 1560
(5) INVENTORY ROUTE
(5A) RECORD TYPE 1: Route carried "on" the structure
(5B) ROUTE SIGNING PREFIX 5 - CITY STREET
(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 06925
(6) FEATURES INTERSECTED I-395
(7) FACILITY CARRIED ROBERTSON BLVD
(9) LOCATION OVER 395 0.4 MI E OF T.L.
(11) MILEPOINT 0.120
(12) BASE HIGHWAY NETWORK Inventory Route is not on the Base Network
(13) LRS INVENTORY ROUTE, SUBROUTE
(13A) LRS INVENTORY ROUTE 0001920140
(13B) SUBROUTE NUMBER 00
(16) LATITUDE 44.78257
(17) LONGITUDE -68.76513
(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 4 - Steel continuous
(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 2
(46) NUMBER OF APPROACH SPANS 0
(107) DECK STRUCTURE TYPE 1 - Concrete Cast-in-Place
(108) WEARING SURFACE/PROTECTIVE SYSTEMS
(108A) WEARING SURFACE 6 - Bituminous
(108B) DECK MEMBRANE 2 - Preformed Fabric
(108C) DECK PROTECTION 0 - None

Age of Service

(27) YEAR BUILT 1985
(106) YEAR RECONSTRUCTED 0
(42) TYPE OF SERVICE
(42A) TYPE OF SERVICE ON BRIDGE 1 - Highway
(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 05

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(29) AVERAGE DAILY TRAFFIC	1281
(30) YEAR OF AVERAGE DAILY TRAFFIC	2016
(109) AVERAGE DAILY TRUCK TRAFFIC	5
(19) BYPASS DETOUR LENGTH	0

Geometric Data

(48) LENGTH OF MAXIMUM SPAN (ft.)	98.1
(49) STRUCTURE LENGTH (ft.)	201.8
(50) CURB/SIDEWALK WIDTHS	
(50A) LEFT CURB SIDEWALK (ft.)	0.5
(50B) RIGHT CURB SIDEWALK (ft.)	0.5
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	33.0
(52) DECK WIDTH, OUT-TO-OUT (ft.)	36.8
(32) APPROACH ROADWAY WIDTH (ft.)	34.0
(33) BRIDGE MEDIAN	0 - No median
(34) SKEW (deg.)	8
(35) STRUCTURE FLARED	0 - No flare
(10) INV RTE, MIN VERT CLEARANCE (ft.)	328.05
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	33.0
(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.)	19.25
(55) MIN LATERAL UNDER CLEARANCE RIGHT	
(55A) REFERENCE FEATURE	H - Highway beneath structure
(55B) MIN LATERAL UNDER CLEARANCE RIGHT (ft.)	16.08
(56) MIN LATERAL UNDER CLEARANCE (ft.)	18.0

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	19 - Urban - Local
(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	5 - Not eligible

Condition

(58) DECK	5 - Fair Condition (minor section loss)
(59) SUPERSTRUCTURE	6 - Satisfactory Condition (minor deterioration)
(60) SUBSTRUCTURE	4 - Poor Condition (advanced deterioration)
(61) CHANNEL & CHANNEL PROTECTION	N - Not Applicable
(62) CULVERT	N - Not Applicable

Load Rating and Posting

(31) DESIGN LOAD	9 - HS 25 or greater
(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	1.52
(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	1.17
(70) BRIDGE POSTING	5 - Equal to or above legal loads
(41) STRUCTURE OPEN/POSTED/CLOSED	A - Open

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Appraisal

(67) STRUCTURAL EVALUATION	5
(68) DECK GEOMETRY	5
(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	6
(71) WATERWAY ADEQUACY	N - Not Applicable
(72) APPROACH ROADWAY ALIGNMENT	8 - Equal to present desirable 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	1922
(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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Highway Bridge Inspection Report

7.1 Component Condition Ratings

(B.C.05) Bridge Railings	6
(B.C.06) Bridge Railing Transitions	6
(B.C.07) Bridge Bearings	6
(B.C.07) Bridge Joints	8
Bridge Joint Seal	8

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Inspection Notes

Structure Number: 1560

Town: Brewer

Structure Name: INDUSTRIAL PARK RD / I395

Structure Notes

1985 Two span 5 steel painted girders with concrete deck, abutments and center pier. Bituminous wearing surface with granite curb and two rail aluminum bridge rail.

Wearing Surface

The bituminous is in satisfactory wearing surface has only minor cracking and no potholes or nested cracking.

Deck

NBI Item 58: 5

overall satisfactory condition with moderate cracking, efflo staining and spalling at joint fascia areas. Main bays have minor cracking only. Joint seals are in seals appear good. Concrete joint headers have been rehabbed and are in good condition. Transverse cracking and efflo every 6'-10' on the fascia's. East side bridge rail has minor damage to rail post/ no cracking.

Superstructure

NBI Item 59: 6

Girders have complete paint chalking with paint loss and rust scaling at beam ends. The NE exterior beam end has heavy scaling. The NE exterior bearing is tipped to limit with ambient air temperature of 60 degrees.

Under clearance of I395 travel lanes not checked due to heavy traffic conditions. (2024) No damage to girders.

Substructure

NBI Item 60: 4

Overall fair condition with extensive cracking and active efflo due to ASR concrete. Wings have moderate to heavy cracking at the tops & cracking/ stained breast walls. NE abutment bridge seat has large, scaled area with exposed re-steel. Both abutments have full height cracks up to 1/8" wide. Pier has isolated minor map cracking at the ends but far less ASR than the abutments. Both of the concrete slope protection s is slumping, 2.5" as measured at the abutment with slight buckling in lower panels.

Culvert

NBI Item 62: N

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Channel

NBI Item 61: N

Other

Top inspection of bridge signs found no issues with the brackets or signs

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.	7397	sq. ft.	0	7300	97	0
510-Wearing Surfaces		6633	sq. ft.	6133	500	0	0
107-Steel Open Girder/Beam	3 - Mod.	1005	ft.	503	500	2	0
515-Steel Protective Coating		1005	sq. ft.	0	815	150	40
210-Reinforced Concrete Pier Wall	3 - Mod.	37	ft.	27	10	0	0
215-Reinforced Concrete Abutment	3 - Mod.	74	ft.	0	49	25	0
302-Compression Joint Seal	3 - Mod.	74	ft.	74	0	0	0
311-Movable Bearing	3 - Mod.	10	each	8	2	0	0
515-Steel Protective Coating		10	sq. ft.	0	0	5	5
313-Fixed Bearing	3 - Mod.	5	each	5	0	0	0
515-Steel Protective Coating		5	sq. ft.	0	5	0	0
801-Beam End	3 - Mod.	10	each	8	2	0	0
515-Steel Protective Coating		10	sq. ft.	0	0	5	5
811-Signs	2 - Low	3	each	3	0	0	0
815-Joint Seal	4 - Sev.	2	each	1	1	0	0
820-Reinforced Concrete Wall	2 - Low	88	ft.	0	80	8	0
841-Asphalt Wearing Surface with Membrane	3 - Mod.	6633	sq. ft.	6000	633	0	0
855-Slope Protection - Concrete	2 - Low	2738	sq. ft.	2138	600	0	0
871-Aluminum Bridge Railing	3 - Mod.	402	ft.	372	30	0	0

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Over Limit Report

Bridge #: 1560
Bridge Name: INDUSTRIAL PARK RD / I395
Owner: 01 - State Highway Agency
Co-Owner: N Not applicable
Region: 04 - Eastern

Town1: Brewer
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: <input type="text" value="-395"/>	19 - 3	19 - 7	20 - 2	<input type="checkbox"/> Main	-
Other: <input type="text"/>	-	-	-	<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: <input type="text" value="-395"/>	19 - 0	18 - 4	18 - 3	<input type="checkbox"/> Main	-
Other: <input type="text"/>	-	-	-	<input type="checkbox"/> Other	-
Ramps:	-	-	-	<input type="checkbox"/> Ramp	-

Vertical Clearance - Portal

Roadway:

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: 19 - 2 2037581-BRPT
Heading South Height: 18 - 2 2037582-BRPT
Left Ramp Height: -
Right Ramp Height: -
Portal North Height: -
Portal South Height: -

Other Road Height: -

Bridge Width: 33.0 ft
Roadway Width: 34.0 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	1.52	
Permit Load Ratings		axles
		axles

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Highway Bridge Inspection Report

axles

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Highway Bridge Inspection Report

Underwater Dive Inspection Report

Structure Number: 1560

Bridge Name: INDUSTRIAL PARK RD /I395

Town 1: 19050 - Brewer

Town 2:

Division: Bangor

DiveID: 2202

☐ Tidal:

Location: OVER 395 0.4 MI E OF T.L.

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 north

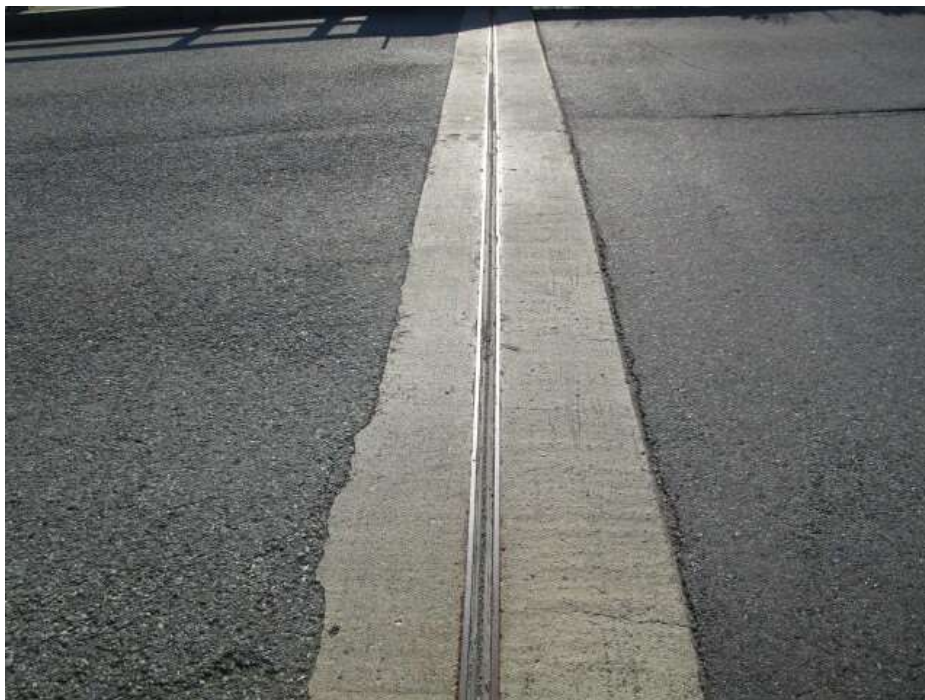


PHOTO 2

Description south end joint

Inspector: Scott Harris
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Highway Bridge Inspection Report

Pictures



PHOTO 3

Description wearing surface view



PHOTO 4

Description typical map cracking of end posts

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Highway Bridge Inspection Report

Pictures



PHOTO 5

Description west rail



PHOTO 6

Description I-395 EB overhead sign

Inspector: Scott Harris
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Highway Bridge Inspection Report

Pictures



PHOTO 7

Description minor damage to east side rail posts



PHOTO 8

Description

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Highway Bridge Inspection Report

Pictures

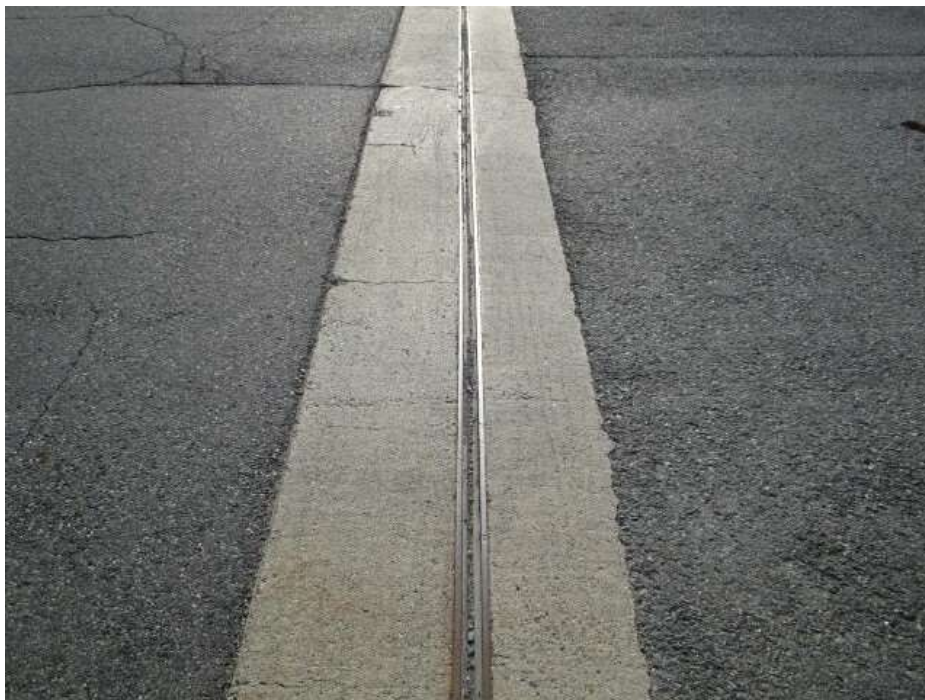


PHOTO 9

Description north end joint



PHOTO 10

Description deteriorated curb at NW end post area

Inspector: Scott Harris
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Highway Bridge Inspection Report

Pictures



PHOTO 11

Description Cracking at NW wing top



PHOTO 12

Description some kind of epoxy injection tubes

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Highway Bridge Inspection Report

Pictures



PHOTO 13

Description NW beam end



PHOTO 14

Description north span view looking south

Inspector: Scott Harris
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Highway Bridge Inspection Report

Pictures



PHOTO 15

Description pier view north face



PHOTO 16

Description north abutment

Inspector: Scott Harris
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Highway Bridge Inspection Report

Pictures



PHOTO 17

Description heavy deterioration at NE abutment wing turn area



PHOTO 18

Description bearing at limits NE abutment

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Highway Bridge Inspection Report

Pictures



PHOTO 19

Description NE fascia



PHOTO 20

Description east side view looking south

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Highway Bridge Inspection Report

Pictures



PHOTO 21

Description north abutment cracking & staining



PHOTO 22

Description south abutment

Inspector: Scott Harris
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Pictures



PHOTO 23

Description south abutment beam end



PHOTO 24

Description south span looking north

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Highway Bridge Inspection Report

Pictures



PHOTO 25

Description pier view south face



PHOTO 26

Description west side view looking north

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Highway Bridge Inspection Report

Maintenance Work Items

Structure Number: 1560

Structure Name: INDUSTRIAL PARK RD / I395

Town: 19050

Owner: Harris,Scott

Type	Work Item	Priority	Notes
Capital	Rehab Substructure		Rehab/repair wings and abutments.
Capital	Paint		
Capital	Seal Joint		Seal replacement
Capital	Other		Apply Silane
Capital	Rehab Substructure		repair bridge seat, NE wing turn

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Highway Bridge Inspection Report

MaineDOT NBIS Bridge Safety Inspection JSA

Inspector: Harris,Scott
Team Lead: Scott Harris
Structure Number: 1560
Structure Name: INDUSTRIAL PARK RD / I395
Town: Brewer

Additional Team Members/Visitors:

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

Job being performed:

Routine bridge inspection.

Potential Hazard:

☒ Exposure to traffic

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

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No water exists at the bridge

Potential Hazard:

☐ Insects, Poision 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 repellant 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, user computers, Safety Stops
(15' mark for 3 min.)

Controls:

☐ Use knife, Comm gear

Controls:

☐ Fly Dive Flag, user 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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Safety Equipment Required:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Hard hat | <input 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 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

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Bridge Components

Bridge #: 1560
Bridge Name: INDUSTRIAL PARK RD / I395
Owner: 01 - State Highway Agency
Co-Owner: N Not applicable
Region: 04 - Eastern

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

Deck

<u>Joint Seal Type/MFG:</u>	<u>Joint Types:</u>	<u>Joint HDR Mat:</u>	<u>Other:</u>	<u>Rebar Type:</u>
<input type="checkbox"/> Emseal	<input type="checkbox"/> Finger	<input type="checkbox"/> Concrete	<input type="checkbox"/> Curtain	
<input type="checkbox"/> V Seal	<input type="checkbox"/> Asphaltic Plug	<input type="checkbox"/> Delcrete	<input type="checkbox"/> Troughs	
<input type="checkbox"/> Watson Bowman	<input type="checkbox"/> Compression	<input type="checkbox"/> Elastomeric	<input type="checkbox"/> Armor	
<input type="checkbox"/> Hot Rubber	<input type="checkbox"/> Modular	<input type="checkbox"/> LP Concrete		
<input type="checkbox"/> Pour-in-Place	<input type="checkbox"/> Gland	<input type="checkbox"/> Phoscrete		
<input type="checkbox"/> DS Brown	<input type="checkbox"/> Waybo Crete	<input type="checkbox"/> Plycrete		
	<input type="checkbox"/> Sliding			
	<input type="checkbox"/> Transflex			
	<input type="checkbox"/> Open			

Superstructure

<u>Left Side Rail:</u>			<u>Right Side Rail:</u>		
Material	Aluminum	<input type="checkbox"/> Retrofit	Material	Aluminum	<input type="checkbox"/> Retrofit
Shape	Semi-Elliptical	<input type="checkbox"/> Safety Walk	Shape	Semi-Elliptical	<input type="checkbox"/> Safety Walk
Attached To	Curb	<input type="checkbox"/> Pales	Attached To	Curb	<input type="checkbox"/> Pales
Number of Bars	2	<input type="checkbox"/> Snow Fence	Number of Bars	2	<input type="checkbox"/> Snow Fence
Extra Height	N		Extra Height	N	
<u>Bearing Type Quantity:</u>			<u>Fatigue Prone Detail:</u>		
<input type="checkbox"/> Disk	<input type="checkbox"/> Elastomeric	<input type="checkbox"/> Narrow Cover Plate - Sq End Welded	<input type="checkbox"/> Narrow Cover Plate - Tapered End Welded		
<input type="checkbox"/> Pot	<input type="checkbox"/> Rocker	<input type="checkbox"/> Narrow Cover Plate - Sq End w/o Weld	<input type="checkbox"/> Narrow Cover Plate - Tapered End w/o Weld		
<input type="checkbox"/> Roller	<input type="checkbox"/> Sliding Plate	<input type="checkbox"/> Wide Cover Plate - Sq End Welded	<input type="checkbox"/> Longitudinal Stiffener - Welded with Radius		
<u>Other:</u>		<input type="checkbox"/> Wide Cover Plate - Sq End w/o Weld	<input type="checkbox"/> Longitudinal Stiffener - Welded w/o Radius		
<input type="checkbox"/> Pin Quantity		<input type="checkbox"/> Lateral Connection Plate - Welded	<input type="checkbox"/> Hoan Detail		
<input type="checkbox"/> Pin and Link Quantity					

Substructure

<input type="checkbox"/> Pier Collars	<u>Retaining Wall Type:</u>
<input type="checkbox"/> Abutment Collars	
<input type="checkbox"/> Wood Piles	
<input type="checkbox"/> Steel Piles	
<input type="checkbox"/> Blocked Bridge	

Other

<input type="checkbox"/> Confined Space
<input type="checkbox"/> Bridge Lighting
<input type="checkbox"/> Cat Walk
<input type="checkbox"/> Navigational Lighting
<input type="checkbox"/> Signs Attached

General Notes

Inspector: Harris,Scott
Inspection Date: 09/11/2024

Structure Number: 1560
Facility Carried: ROBERTSON BLVD

Highway Bridge Inspection Report

Bridge Preservation

Bridge #: 1560
Bridge Name: INDUSTRIAL PARK RD / I395
Owner: 01 - State Highway Agency
Co-Owner: N Not applicable
Region: 04 - Eastern

Town1: Brewer
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 6 - Bituminous	Type	<input type="checkbox"/> Installed
Deck Protection	0 - None	Last Date 1984	Last Date 1985	<input type="checkbox"/> Detached
Membrane Type	2 - Preformed Fabric	Lifespan (Yrs) 25	Lifespan (Yrs)	<input type="checkbox"/> Replace
		Next Date Est. 2009	Next Date Est. 2010	
		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. 2	Next Date Est.	Next Date Est. 1985	<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				

Inspector: Harris,Scott
Inspection Date: 09/11/2024

Structure Number: 1560
Facility Carried: ROBERTSON BLVD

Highway Bridge Inspection Report

Critical Finding Form

Critical Finding History

Bridge #: 1560
Bridge Name: INDUSTRIAL PARK RD / I395
Owner: 01 - State Highway Agency
Co-Owner: N Not applicable
CF on NSTM Member ?

Date of Discovery

Bridge Operational Status Due to CF(s)

General Cause of CF(s)

Detailed Description of Critical Finding

If "Other" Selected, Please Explain

Immediate Action(s)
Taken to Address Critical Finding?

Conclusion

Is the Critical Finding Resolved ?

Date Resolved

Which NBI general condition rating is affected ?

Detail the response type, resolution, timelines and long term plan for the bridge

Date (or anticipated date) of Permanent Resolution

Critical Finding Reference

FHWA criteria for reporting Critical Findings

FHWA shall be notified within 24 hours of any critical finding and the activities taken, underway, or planned to resolve or monitor the critical finding. Update FHWA regularly or as requested on the status of each critical finding until it is resolved. Monthly make available the information to provide a written report to FHWA with a summary of the status of the resolutions for each critical finding identified within that month or unresolved from previous months.

Maine DOT Critical Finding notification procedure

The following procedures are to be used when a critical inspection finding is reported by the Bridge Inspector, Bridge Maintenance Manager, or other source when the Deck, Superstructure, or Substructure or Culvert having a NBI rating of 2 or less.

1. The Bridge Inspector or Bridge Manager shall report any finding that may be of a critical nature to their immediate supervisor, the Assistant Bridge Maintenance Engineer, and the Bridge Maintenance Engineer.
2. The Assistant Bridge Maintenance Engineer or the Bridge Maintenance Engineer will assess the finding and take the appropriate action.
3. If the action requires restricting or closing the bridge, the following will be notified:

- Director of Maintenance and Operations
- Division Engineer
- Permit Section
- Federal Highway Bridge Engineer

1. If the bridge is not under State jurisdiction, the bridge owner will be notified by the Bridge Inspector, Bridge Maintenance Manager, Assistant Bridge Maintenance Engineer, or the Bridge Maintenance Engineer by telephone or in writing, depending on the urgency.
2. Follow-up on action taken by the bridge owner will be made depending on the seriousness of the findings as determined by the Assistant Bridge Maintenance Engineer or the Bridge Maintenance Engineer.
3. Bridges under State jurisdiction will be restricted and/or repaired through the direction of the Assistant Bridge Maintenance Engineer.
4. Reports of deficiencies (critical or otherwise) from other sources will be handled in the same manner.

Note: A critical finding is a major defect in the superstructure or substructure which, if not repaired immediately, may require the closing or partial closing of a bridge, and could lead to the total collapse of the structure. Repairs should be completed within a few days.