

Inspector: Kleinfelder, Kleinfelder
Inspection Date: 05/31/2024

Structure Number: 5783
Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Inspection Type(s): Routine

Bridge Name: LYONS RD / I-95 NB

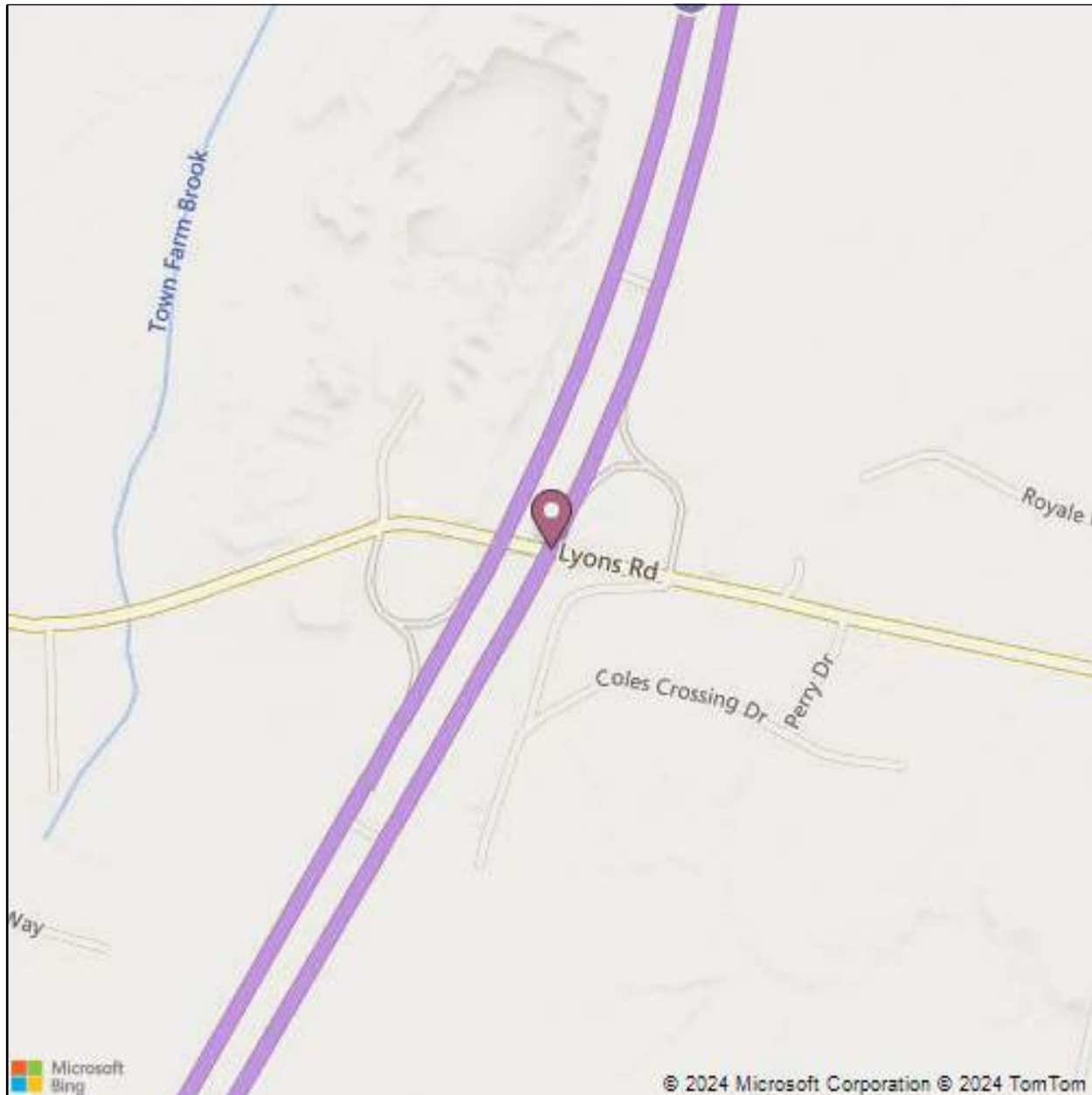
Town: Sidney



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Latitude: 44.45302

Longitude: -69.71574

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Highway Bridge Inspection Report
National Bridge Inventory

Status: 1 - SD

Bridge Name: LYONS RD / I-95 NB

Sufficiency Rating: 62.7

Inspections

(90) INSPECTION DATE	& (91) DESIGNATED INSPECTION FREQUENCY	24	05/31/2024
(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	5783
(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	02 - Mid-Coast
(3) COUNTY CODE	011 Kennebec
(4) PLACE CODE	68385
(6) FEATURES INTERSECTED	I-95 NORTHBOUND
(7) FACILITY CARRIED	LYONS ROAD
(9) LOCATION	0.5 MI W OF JCT RTE 104
(11) MILEPOINT	1.080
(12) BASE HIGHWAY NETWORK	Inventory Route is not on the Base Network
(13) LRS INVENTORY ROUTE, SUBROUTE	
(13A) LRS INVENTORY ROUTE	0001102238
(13B) SUBROUTE NUMBER	00
(16) LATITUDE	44.45302
(17) LONGITUDE	-69.71574
(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	3
(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	1958
(106) YEAR RECONSTRUCTED	1992
(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	02

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(29) AVERAGE DAILY TRAFFIC	1709
(30) YEAR OF AVERAGE DAILY TRAFFIC	2016
(109) AVERAGE DAILY TRUCK TRAFFIC	5
(19) BYPASS DETOUR LENGTH	6

Geometric Data

(48) LENGTH OF MAXIMUM SPAN (ft.)	58.5
(49) STRUCTURE LENGTH (ft.)	166.1
(50) CURB/SIDEWALK WIDTHS	
(50A) LEFT CURB SIDEWALK (ft.)	1.4
(50B) RIGHT CURB SIDEWALK (ft.)	1.4
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	26.0
(52) DECK WIDTH, OUT-TO-OUT (ft.)	31.0
(32) APPROACH ROADWAY WIDTH (ft.)	30
(33) BRIDGE MEDIAN	0 - No median
(34) SKEW (deg.)	15
(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 UNDERCAREANCE (ft.)	15.17
(55) MIN LATERAL UNDER CLEARANCE RIGHT	
(55A) REFERENCE FEATURE	H - Highway beneath structure
(55B) MIN LATERAL UNDER CLEARANCE RIGHT (ft.)	9.84
(56) MIN LATERAL UNDER CLEARANCE (ft.)	7.9

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	07 - Rural - Major Collector
(100) STRAHNET HIGHWAY DESIGNATION	Not a STRAHNET route
(101) PARALLEL STRUCTURE DESIGNATION	R - Right structure (North or East)
(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	6 - Satisfactory Condition (minor deterioration)
(60) SUBSTRUCTURE	5 - Fair Condition (minor section loss)
(61) CHANNEL & CHANNEL PROTECTION	N - Not Applicable
(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	1.63
(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	1.26
(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	4
(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	4
(71) WATERWAY ADEQUACY	N - Not Applicable
(72) APPROACH ROADWAY ALIGNMENT	6 - Equal to 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	2564
(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	8
(B.C.06) Bridge Railing Transitions	8
(B.C.07) Bridge Bearings	6
(B.C.07) Bridge Joints	6
Bridge Joint Seal	6

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Inspection Notes

Structure Number: 5783

Town: Sidney

Structure Name: LYONS RD / I-95 NB

Structure Notes

1958 Three span, rolled steel beams supporting concrete deck
1992 Wearing surface replacement.

Wearing Surface

Older skinny coat overlay is in good condition, but falls 1'+ short of each of the curbs and had moderate rutting
There are minor longitudinal cracking in the West bound travel lane.

2024 Transverse cracking over both abutments.

Deck

NBI Item 58: 4

Concrete deck has had minor delaminations chipped out that were over traffic.
No other delaminations exist over traffic at this time.
there is a 3-5 SF delam on the bottom of the deck, East span.
Joint seals are leaking over the piers.
Bridge Rail has recent retrofit

2024 North curb has major longitudinal cracking along 3/4 of face. Large spalls and delaminations on westerly end of underside of deck.
Small spalls and delaminations on easterly end of underside of deck. Several areas of spalling with exposed rebar on underside of southern and northern fascia beams.

Superstructure

NBI Item 59: 6

Paint fading over traffic with minor edge failure.
No collision damage to the superstructure noted.
Beam ends have been treated but are nearly dry at this time.
The SE beam end is notated "8/93 EXM-1".

2024 Heavy rusting on center span (diaphragms and beams). Small areas of minor section loss around northern drains.

Substructure

NBI Item 60: 5

The East Pier has been rehabbed
The West pier cap has minor to moderate fine cracking with staining and moderate cracking at the end of the hammerhead.
Both abutments are in satisfactory condition with minor cracking only.
Slope protection has minor to moderate slumping at each of the top and bottom.

2024 Vertical cracks found on most southern column of west pier and east pier.

Culvert

NBI Item 62: N

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Channel

NBI Item 61: N

Other

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	4 - Sev.	4960	sq. ft.	0	4900	60	0
107-Steel Open Girder/Beam	4 - Sev.	640	ft.	600	20	20	0
515-Steel Protective Coating		640	sq. ft.	240	380	20	0
205-Reinforced Concrete Column	4 - Sev.	6	each	2	4	0	0
215-Reinforced Concrete Abutment	3 - Mod.	62	ft.	30	32	0	0
234-Reinforced Concrete Pier Cap	4 - Sev.	62	ft.	20	42	0	0
302-Compression Joint Seal	3 - Mod.	62	ft.	62	0	0	0
311-Movable Bearing	3 - Mod.	12	each	6	6	0	0
515-Steel Protective Coating		12	sq. ft.	10	2	0	0
313-Fixed Bearing	3 - Mod.	12	each	6	6	0	0
515-Steel Protective Coating		12	sq. ft.	10	2	0	0
330-Metal Bridge Railing	4 - Sev.	320	ft.	320	0	0	0
515-Steel Protective Coating		320	sq. ft.	320	0	0	0
801-Beam End	3 - Mod.	24	each	10	10	4	0
515-Steel Protective Coating		24	sq. ft.	10	10	4	0
820-Reinforced Concrete Wall	3 - Mod.	35	ft.	25	10	0	0
841-Asphalt Wearing Surface with Membrane	3 - Mod.	7960	sq. ft.	6900	1060	0	0
855-Slope Protection - Concrete	3 - Mod.	2400	sq. ft.	2100	0	300	0
871-Aluminum Bridge Railing	4 - Sev.	320	ft.	280	40	0	0

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Over Limit Report

Bridge #: 5783
Bridge Name: LYONS RD / I-95 NB
Owner: 01 - State Highway Agency
Co-Owner: N Not applicable
Region: 02 - Mid-Coast

Town1: Sidney
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: 09/22/2020

	<u>Left</u>	<u>Center</u>	<u>Right</u>		<u>Posted</u>	<u>Deficient Sign</u>
Main: I-95 NORTHBOUND	16 - 7	15 - 6	14 - 9	Main	-	
Other:	-	-	-	Other	-	
Ramps:	-	-	-	Ramp	-	

Roadway - Heading South or West

Actual Heights in Feet-Inches

Date Measured: 09/22/2020

	<u>Left</u>	<u>Center</u>	<u>Right</u>		<u>Posted</u>	<u>Deficient Sign</u>
Main: I-95 NORTHBOUND	-	-	-	Main	-	
Other:	-	-	-	Other	-	
Ramps:	-	-	-	Ramp	-	

Vertical Clearance - Portal

Roadway: LYONS ROAD

Heading North or East

Actual Heights in Feet-Inches

Date Measured:
Deficient Sign

<u>Left</u>	<u>Center</u>	<u>Right</u>		<u>Posted</u>
-	-	-	Portal	-

Heading South or West

Actual Heights in Feet-Inches

Date Measured:
Deficient Sign

<u>Left</u>	<u>Center</u>	<u>Right</u>		<u>Posted</u>
-	-	-	Portal	-

Permitting

Pointer

Red Flag Comments

Heading North Height: 15 - 1 2037183-BRPT
Heading South Height: -
Left Ramp Height: -
Right Ramp Height: -
Portal North Height: -
Portal South Height: -
Other Road Height: -
Bridge Width: 26.0 ft
Roadway Width: 30 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	1.63	
Permit Load Ratings		axles
		axles

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axles

Inspector: Kleinfelder Kleinfelder

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Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 1

Description View of bridge looking north



PHOTO 2

Description View of approach roadway looking west

Inspector: Kleinfelder Kleinfelder

Structure Number: 5783

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Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 3

Description View of approach roadway looking east



PHOTO 4

Description Transverse cracking and settlement over western abutment

Inspector: Kleinfelder Kleinfelder

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Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 5

Description View of transverse cracking over eastern abutment



PHOTO 6

Description Typical view of bridge joints

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Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 7

Description View of impact damage on northern eastern curb



PHOTO 8

Description Typical view of northern curb

Inspector: Kleinfelder Kleinfelder

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Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 9

Description Typical view of drains on bridge



PHOTO 10

Description View of cracking along northern curb

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Highway Bridge Inspection Report

Pictures



PHOTO 11

Description Another view of cracking along northern curb



PHOTO 12

Description Typical view of western underside of deck. Small delamination can be seen in photo

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Highway Bridge Inspection Report

Pictures



PHOTO 13

Description View of large delamination under western end of deck



PHOTO 14

Description View of delamination area on western side of deck

Inspector: Kleinfelder Kleinfelder

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Highway Bridge Inspection Report

Pictures



PHOTO 15

Description View of delamination found on underside of western part of deck



PHOTO 16

Description Large spall found over western abutment

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Highway Bridge Inspection Report

Pictures



PHOTO 17

Description View of small spall with exposed rebar over travel lane



PHOTO 18

Description View of delamination on eastern side of deck

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Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 19

Description View of small delamination on eastern side of deck



PHOTO 20

Description View of underside of southern fascia beam. Note spalls with exposed rebar

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Highway Bridge Inspection Report

Pictures



PHOTO 21

Description View of underside of northern fascia beam. Note spalls with exposed rebar



PHOTO 22

Description Typical view of deck over roadway. Note spalls with exposed rebar

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Highway Bridge Inspection Report

Pictures



PHOTO 23

Description Typical view of beam ends and abutments



PHOTO 24

Description View of underside of most northern beam over roadway

Inspector: Kleinfelder Kleinfelder

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Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 25

Description Typical view of beams over roadway



PHOTO 26

Description Typical view of beam ends

Inspector: Kleinfelder Kleinfelder

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Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 27

Description View of western abutment



PHOTO 28

Description View of most western pier looking east

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Highway Bridge Inspection Report

Pictures



PHOTO 29

Description View of cracking and efflorescence on northern side of western pier



PHOTO 30

Description Underside view of northern corner of western pier

Inspector: Kleinfelder Kleinfelder

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Highway Bridge Inspection Report

Pictures



PHOTO 31

Description Typical view of slope protection

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Highway Bridge Inspection Report

Maintenance Work Items

Structure Number: 5783

Structure Name: LYONS RD / I-95 NB

Town: 11210

Owner: Kleinfelder,Kleinfelder

Type	Work Item	Priority	Notes
Maintenance	Repair Slope Protection		
Maintenance	Remove Delams Over Traffic		Continue to monitor for and remove loose concrete over traffic
Capital	Paint		Paint over traffic
Preservation	Seal Joint		
Capital	Rehab Substructure		west pier cap
Preservation	Coat Beam Ends		
Capital	Other		Apply Silane
Capital	Repair Wearing Surface		mill and fill

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Highway Bridge Inspection Report

MaineDOT NBIS Bridge Safety Inspection JSA

Inspector: Kleinfelder, Kleinfelder
Team Lead: Michael Falla
Structure Number: 5783
Structure Name: LYONS RD / I-95 NB
Town: Sidney

Additional Team Members/Visitors:

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

Job being performed:

Routine Bridge Inspection

Potential Hazard:

☑ Exposure to traffic

Controls:

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

Potential Hazard:

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

Controls:

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

Potential Hazard:

☐ Chipped Concrete or Steel (hand tools only)

Controls:

- ☑ Wear appropriate, prudent eye/hand protection

Potential Hazard:

☑ 6' Vertical drops

Controls:

- ☑ Stay away from areas

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:

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

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No water at the bridge

Potential Hazard:

✓ Insects, Poison Ivy, or other environmental hazards

Poison ivy at the NW corner of the bridge

Potential Hazard:

✓ Lead paint and Avian excrement

Controls:

✓ Apply insect repellant and/or sunscreen

✓ Protect skin with appropriate, prudent clothing

Controls:

✓ Wear gloves, do not scrape

Potential Hazard:

⌚ Heavy Manual Lifting

Controls:

⌚ Ask for assistance in donning dive gear,
lifting equipment

Potential Hazard:

⌚ DCS, Lung Expansion

Controls:

⌚ Ascend slowly, user computers, Safety Stops
(15' mark for 3 min.)

Potential Hazard:

⌚ Entanglement U/W

Controls:

⌚ Use knife, Comm gear

Potential Hazard:

⌚ Boat Traffic

Controls:

⌚ Fly Dive Flag, user spotter, contact bridge
on Chan. 13

Potential Hazard:

⌚ Cold Water

Controls:

⌚ Use adequate dry suit underwear
for water temperature

Potential Hazard:

⌚ Live Boating

Controls:

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

Other Potential Hazards:

Other Controls:

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Safety Equipment Required:

☒ Hard hat
☒ Vest
☒ Glasses
☒ Gloves
☐ PFD
☒ Rain Gear
☒ Bug Spray

☒ Sunscreen
☒ First Aid
☐ O2
☐ AED
☐ Comm Gear
☒ Cell Phone
☐ 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 Rylan Norris

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Highway Bridge Inspection Report

Bridge Components

Bridge #: 5783
Bridge Name: LYONS RD / I-95 NB
Owner: 01 - State Highway Agency
Co-Owner: N Not applicable
Region: 02 - Mid-Coast

Town1: Sidney
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: Steel
Shape: Guardrail
Attached To: Parapet
Number of Bars: 1
Extra Height: N

☐ Retrofit
☒ Safety Walk
☐ Pales
☐ Snow Fence

Right Side Rail:

Material: Steel
Shape: Guardrail
Attached To: Parapet
Number of Bars: 1
Extra Height: N

☐ Retrofit
☒ Safety Walk
☐ Pales
☐ Snow Fence

Bearing Type Quantity:

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

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

Other:

☐ Pin Quantity
☐ Pin and Link Quantity

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: Kleinfelder,Kleinfelder
Inspection Date: 05/31/2024

Structure Number: 5783
Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Bridge Preservation

Bridge #: 5783
Bridge Name: LYONS RD / I-95 NB
Owner: 01 - State Highway Agency
Co-Owner: N Not applicable
Region: 02 - Mid-Coast

Town1: Sidney
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 1992	Last Date 1993	<input type="checkbox"/> Detached
Membrane Type	2 - Preformed Fabric	Lifespan (Yrs) 25 Next Date Est. 2017 Mill & Fill Date	Lifespan (Yrs) Next Date Est. 2018	<input type="checkbox"/> Replace
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 2018	Last Date 0	Last Date	<input checked="" type="checkbox"/> Required
Next Date Est.	Next Date Est. 2	Next Date Est. 2028	Next Date Est. 1993	<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. 10	<input type="checkbox"/> Galvanized	Next Date Est.	
		<input type="checkbox"/> Metalized	<input type="checkbox"/> Alkali-Silica reactivity	
Substructure				
General Notes				