

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

Structure Number: 1463
Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Inspection Type(s): Routine

Bridge Name: LYONS ROAD / I95 SB

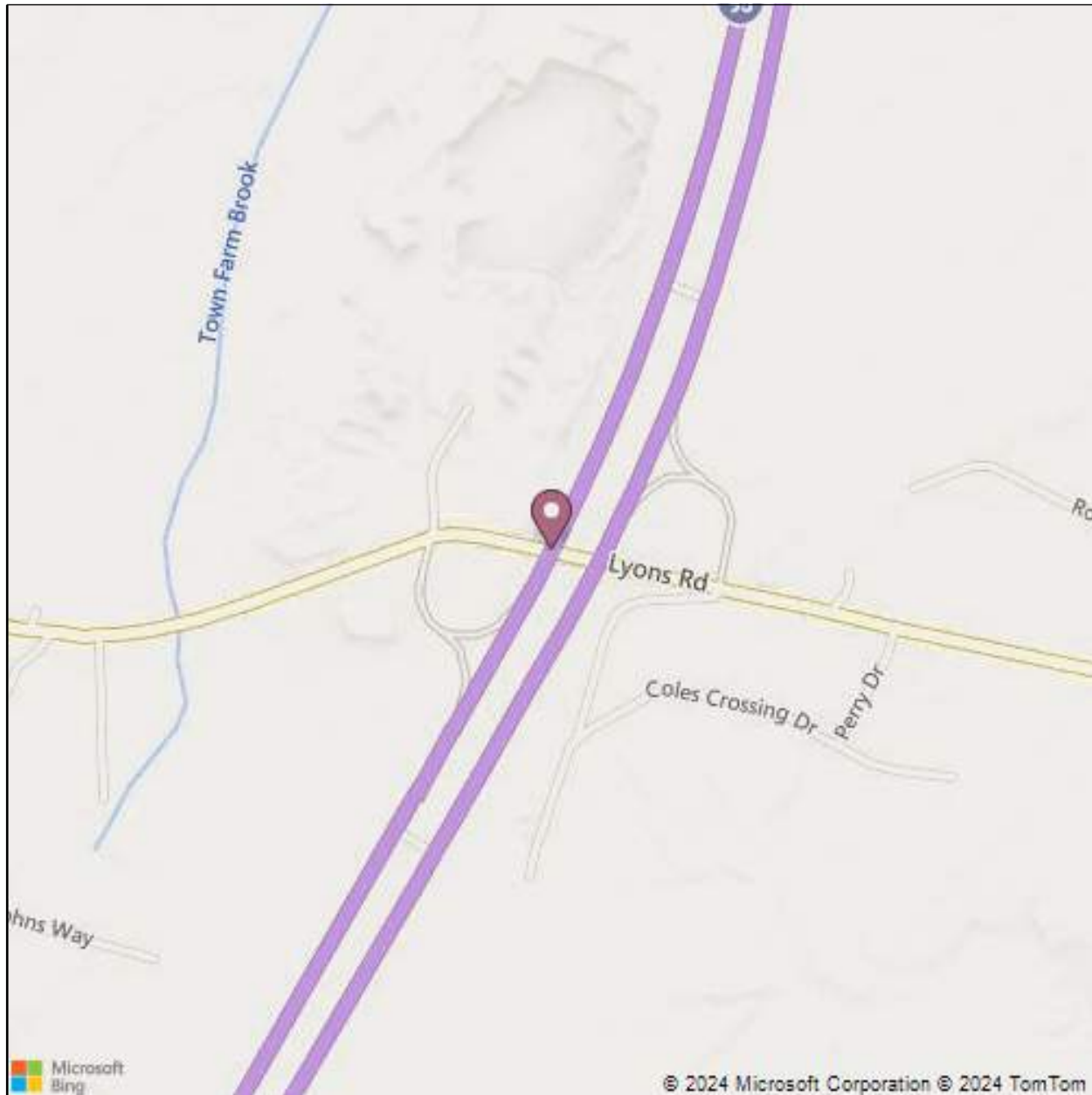
Town: Sidney



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

Structure Number: 1463
Facility Carried: LYONS ROAD

Highway Bridge Inspection Report



Latitude: 44.45317

Longitude: -69.71671

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

Structure Number: 1463
Facility Carried: LYONS ROAD

Highway Bridge Inspection Report
National Bridge Inventory

Status: 1 - SD

Bridge Name: LYONS ROAD / I95 SB

Sufficiency Rating: 48.2

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 1463
(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 SOUTHBOUND
(7) FACILITY CARRIED LYONS ROAD
(9) LOCATION 0.6 MI W OF JCT RTE 104
(11) MILEPOINT 1.030
(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 44.45317
(17) LONGITUDE -69.71671
(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 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 02

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

Structure Number: 1463
Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

(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.)	158.1
(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.)	13
(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.)	14.50
(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.)	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	L - Left structure (South or West)
(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	4 - Poor Condition (advanced deterioration)
(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	1.88
(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	1.45
(70) BRIDGE POSTING	5 - Equal to or above legal loads
(41) STRUCTURE OPEN/POSTED/CLOSED	A - Open

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

Structure Number: 1463
Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Appraisal

(67) STRUCTURAL EVALUATION	4
(68) DECK GEOMETRY	4
(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	6
(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	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

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

Structure Number: 1463
Facility Carried: LYONS ROAD

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

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

Structure Number: 1463
Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Inspection Notes

Structure Number: 1463

Town: Sidney

Structure Name: LYONS ROAD / I95 SB

Structure Notes

1958 Three span, rolled steel beams supporting concrete deck.
1992 Wearing Surface Replacement.

Wearing Surface

Bituminous wearing surface has minor cracking.

2024 - Transverse cracking over abutments. Small area of longitudinal cracking and spalling on northwest curb.

Deck

NBI Item 58: 4

Concrete deck has medium spalls with scattered delaminations of 2 SF- 3 SF in size.
Several areas of spalled concrete have exposed re-steel.
All areas of delaminated concrete over the travel lanes have been chipped out.
Joint seals are tearing on the top.
Curbs cracking with spalling, span 1.
Bridge rail has recent retrofit.

2024 - Underside of westerly span has 5% delaminations and spalling.

Superstructure

NBI Item 59: 6

Girders have only minor defects, no collision damage noted.
Paint faded on the exterior girders and over traffic where there are small failures on the bottom flanges.
Beam ends treated but dry at this time

2024 - Minor section loss found on diaphragms and beams over eastern abutment.

Substructure

NBI Item 60: 4

Approximately 25% heavy cracking and staining of the pier caps. Large crack pier 2 cap, westerly face.
Concrete abutments are in satisfactory condition with minor cracking

2024 - The eastern piers caps/columns has heavy cracking, major delaminations and spalling. Large crack on pier 2 cap, westerly face, has turned into a large delamination/spall. The delamination/spall is offset from face by 2 inches.

Culvert

NBI Item 62: N

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

Structure Number: 1463
Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Channel

NBI Item 61: N

Other

Special Inspection

Monitoring

Pontis Notes

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

Structure Number: 1463
Facility Carried: LYONS ROAD

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.	4898	sq. ft.	0	4100	798	0
107-Steel Open Girder/Beam	4 - Sev.	632	ft.	400	200	32	0
515-Steel Protective Coating		632	sq. ft.	300	202	110	20
205-Reinforced Concrete Column	4 - Sev.	6	each	0	3	3	0
215-Reinforced Concrete Abutment	3 - Mod.	62	ft.	42	20	0	0
234-Reinforced Concrete Pier Cap	4 - Sev.	62	ft.	15	14	29	4
302-Compression Joint Seal	3 - Mod.	62	ft.	0	62	0	0
311-Movable Bearing	3 - Mod.	12	each	6	6	0	0
515-Steel Protective Coating		12	sq. ft.	0	0	0	12
313-Fixed Bearing	3 - Mod.	12	each	6	6	0	0
515-Steel Protective Coating		12	sq. ft.	0	8	0	4
330-Metal Bridge Railing	3 - Mod.	316	ft.	316	0	0	0
515-Steel Protective Coating		316	sq. ft.	316	0	0	0
801-Beam End	3 - Mod.	24	each	20	2	2	0
515-Steel Protective Coating		24	sq. ft.	0	12	0	12
820-Reinforced Concrete Wall	3 - Mod.	40	ft.	34	6	0	0
841-Asphalt Wearing Surface with Membrane	4 - Sev.	4108	sq. ft.	3000	1058	50	0
855-Slope Protection - Concrete	3 - Mod.	2400	sq. ft.	2000	400	0	0

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

Structure Number: 1463
Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Over Limit Report

Bridge #: 1463
Bridge Name: LYONS ROAD / I95 SB
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: 08/25/2020

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

Roadway - Heading South or West

Actual Heights in Feet-Inches

Date Measured: 08/25/2020

	<u>Left</u>	<u>Center</u>	<u>Right</u>		<u>Posted</u>	<u>Deficient Sign</u>
Main: I-95 SOUTHBOUND	14 - 5	15 - 2	16 - 1	⋮ Main	14 - 4	Wrong Height
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
Wrong Height

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

Permitting

Pointer

⋮ Red Flag Comments

Heading North Height: -
Heading South Height: 14 - 4 2037184-BRPT
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	1.88	
Permit Load Ratings		axles
		axles

Inspector: Kleinfelder,Kleinfelder

Structure Number: 1463

Inspection Date: 05/31/2024

Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

axles

Inspector: Kleinfelder Kleinfelder

Structure Number: 1463

Inspection Date: 05/31/2024

Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 1

Description View of bridge looking north



PHOTO 2

Description Approach roadway looking west

Inspector: Kleinfelder Kleinfelder

Structure Number: 1463

Inspection Date: 05/31/2024

Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 3

Description Approach roadway looking east



PHOTO 4

Description View of eastern joint

Inspector: Kleinfelder Kleinfelder

Structure Number: 1463

Inspection Date: 05/31/2024

Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 5

Description View of western joint



PHOTO 6

Description Transverse cracking over eastern abutment

Inspector: Kleinfelder Kleinfelder

Structure Number: 1463

Inspection Date: 05/31/2024

Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 7

Description View of spalling and cracking on northern curb



PHOTO 8

Description View of northern fascia beam

Inspector: Kleinfelder Kleinfelder

Structure Number: 1463

Inspection Date: 05/31/2024

Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 9

Description Typical view of western underside of deck



PHOTO 10

Description View of spall with exposed rebar and delamination area on western side of deck

Inspector: Kleinfelder Kleinfelder

Structure Number: 1463

Inspection Date: 05/31/2024

Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 11

Description Typical view of haunches on western side of bridge



PHOTO 12

Description View of spall with exposed rebar on northwestern side of bridge

Inspector: Kleinfelder Kleinfelder

Structure Number: 1463

Inspection Date: 05/31/2024

Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 13

Description Typical view of haunches over eastern abutment



PHOTO 14

Description View of delamination forming on western deck

Inspector: Kleinfelder Kleinfelder

Structure Number: 1463

Inspection Date: 05/31/2024

Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 15

Description View of small spall with exposed rebar over roadway



PHOTO 16

Description Large spall with exposed rebar found above roadway

Inspector: Kleinfelder Kleinfelder

Structure Number: 1463

Inspection Date: 05/31/2024

Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 17

Description Typical view of bridge beams and underside of deck



PHOTO 18

Description Typical view of beam ends

Inspector: Kleinfelder Kleinfelder

Structure Number: 1463

Inspection Date: 05/31/2024

Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 19

Description Typical view of bridge beams over roadway



PHOTO 20

Description View of heavy pack rust and section loss forming on diaphragms above eastern pier

Inspector: Kleinfelder Kleinfelder

Structure Number: 1463

Inspection Date: 05/31/2024

Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 21

Description Typical view of western abutment



PHOTO 22

Description Typical view of eastern abutment

Inspector: Kleinfelder Kleinfelder

Structure Number: 1463

Inspection Date: 05/31/2024

Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 23

Description Typical view of western pier



PHOTO 24

Description View of cracking on western pier

Inspector: Kleinfelder Kleinfelder

Structure Number: 1463

Inspection Date: 05/31/2024

Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 25

Description View of eastern pier



PHOTO 26

Description View of large, heavy cracking/delamination on western face of eastern pier cap

Inspector: Kleinfelder Kleinfelder

Structure Number: 1463

Inspection Date: 05/31/2024

Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 27

Description Side view of heavy cracking/delamination on the eastern pier caps western face



PHOTO 28

Description View of large delamination/heavy cracking on bottom of eastern pier cap

Inspector: Kleinfelder Kleinfelder

Structure Number: 1463

Inspection Date: 05/31/2024

Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Pictures



PHOTO 29

Description Side view of large delamination/heavy cracking on bottom of eastern pier cap

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

Structure Number: 1463
Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Maintenance Work Items

Structure Number: 1463

Structure Name: LYONS ROAD / I95 SB

Town: 11210

Owner: Kleinfelder,Kleinfelder

Type	Work Item	Priority	Notes
Maintenance	Rehab Substructure		Pier caps
Preservation	Seal Joint		
Maintenance	Cut Brush		
Maintenance	Other		Repair slope protection
Capital	Paint		Paint

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

Structure Number: 1463
Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

MaineDOT NBIS Bridge Safety Inspection JSA

Inspector: Kleinfelder, Kleinfelder
Team Lead: Michael Falla
Structure Number: 1463
Structure Name: LYONS ROAD / I95 SB
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

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

Structure Number: 1463
Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

No water exists at the bridge

Potential Hazard:

☑ Insects, Poision Ivy, or other environmental hazards

Controls:

☑ Apply insect repellant and/or sunscreen
☑ Protect skin with appropriate, prudent clothing

Potential Hazard:

☑ Lead paint and Avian excrement

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:

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

Structure Number: 1463
Facility Carried: LYONS ROAD

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 checked="" type="checkbox"/> Rain Gear	<input checked="" type="checkbox"/> Cell Phone
<input checked="" type="checkbox"/> Bug Spray	<input type="checkbox"/> Boat

<input type="checkbox"/> Throw Ring
<input type="checkbox"/> Throw Rope
<input type="checkbox"/> Positioning Device

Emergency Action Plan:

<input checked="" type="checkbox"/> Call 911
<input checked="" type="checkbox"/> First Aid Kit
<input type="checkbox"/> Fall Rescue Plan
<input type="checkbox"/> Water Rescue Plan
<input type="checkbox"/> Dan 1-919-684-9111
<input type="checkbox"/> 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

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

Structure Number: 1463
Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Bridge Components

Bridge #: 1463
Bridge Name: LYONS ROAD / I95 SB
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 ☒ Retrofit
Shape: Guardrail ☒ Safety Walk
Attached To: Parapet ☐ Pales
Number of Bars: 1 ☐ Snow Fence
Extra Height: N

Right Side Rail:

Material: Steel ☒ Retrofit
Shape: Guardrail ☒ Safety Walk
Attached To: Parapet ☐ Pales
Number of Bars: 1 ☐ Snow Fence
Extra Height: N

Bearing Type Quantity:

☐ Disk ☐ Elastomeric
☐ Pot ☐ Rocker
☐ Roller ☐ 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: 1463
Facility Carried: LYONS ROAD

Highway Bridge Inspection Report

Bridge Preservation

Bridge #: 1463
Bridge Name: LYONS ROAD / I95 SB
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				