

**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

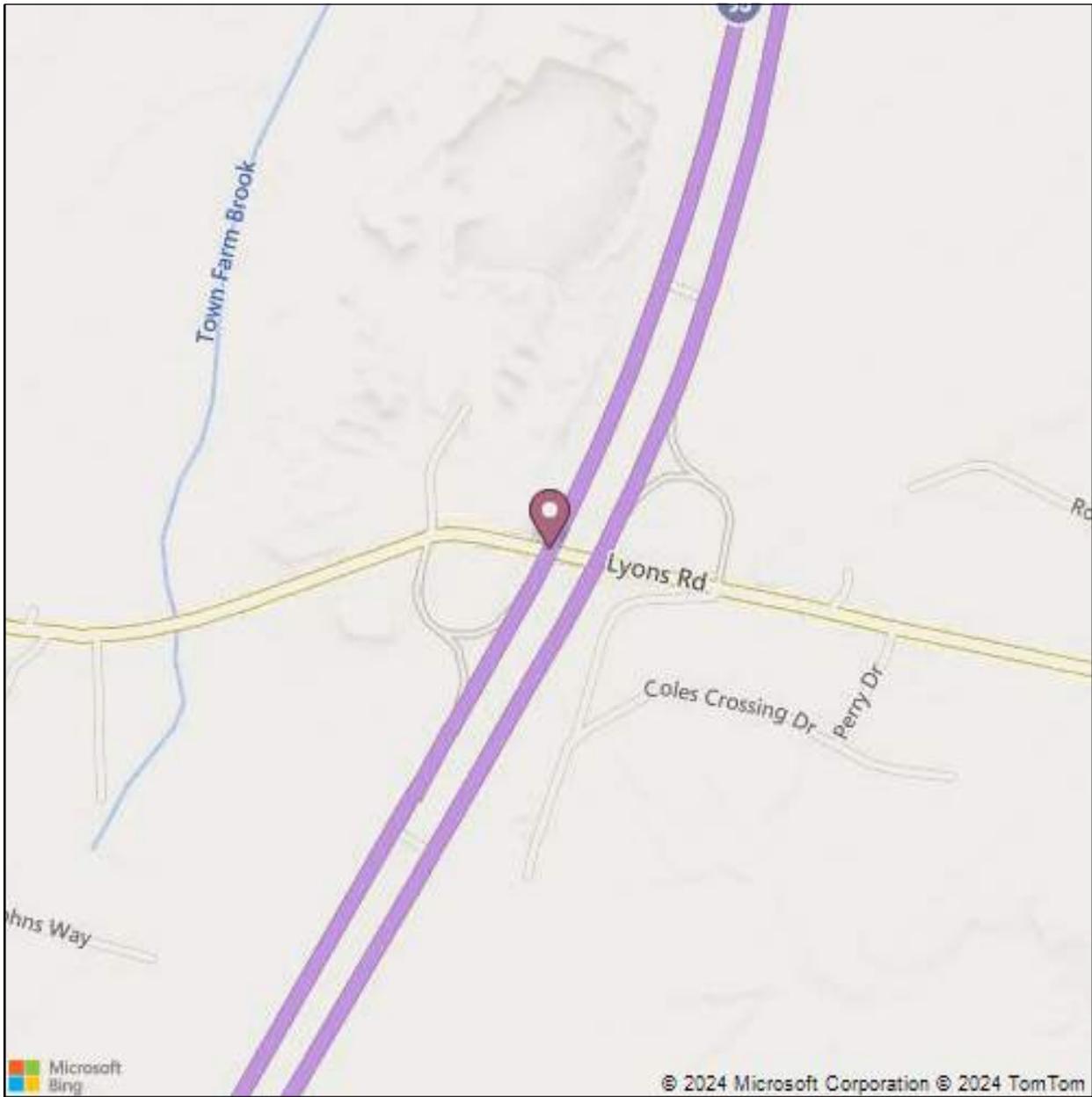
**Town:** Sidney



**Inspector:** Kleinfelder,Kleinfelder  
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**Highway Bridge Inspection Report**



**Latitude: 44.45317**

**Longitude: -69.71671**

Inspector: Kleinfelder,Kleinfelder

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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

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### 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 UNDERCLEARANCE (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

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### 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

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**Highway Bridge Inspection Report**

# 7.1 Component Condition Ratings

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

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### Highway Bridge Inspection Report

#### Inspection Notes

Structure Number: 1463

Town: Sidney

Structure Name: LYONS ROAD / I95 SB

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#### 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

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**Highway Bridge Inspection Report**

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

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Highway Bridge Inspection Report

Over Limit Report

Bridge #: 1463 Town1: Sidney  
 Bridge Name: LYONS ROAD / I95 SB Town2:  
 Owner: 01 - State Highway Agency Maintainer: 01 - State Highway Agency  
 Co-Owner: N Not applicable Co-Maintainer: N Not applicable  
 Region: 02 - Mid-Coast

Vertical Clearance - Under		Actual Heights in Feet-Inches			Posted	Date Measured: 08/25/2020
<i>Left, Center, and Right is based on the direction of travel</i>		Left	Center	Right		Deficient Sign
<u>Roadway - Heading North or East</u>						
Main:	-95 SOUTHBOUND	-	-	-	Main	-
Other:		-	-	-	Other	-
	Ramps:	-	-	-	Ramp	-
<u>Roadway - Heading South or West</u>						
Main:	-95 SOUTHBOUND	14 - 5	15 - 2	16 - 1	Main	14 - 4 Wrong Height
Other:		-	-	-	Other	-
	Ramps:	-	-	-	Ramp	-

Vertical Clearance - Portal		Actual Heights in Feet-Inches			Posted	Date Measured:
Roadway: LYONS ROAD		Left	Center	Right		Deficient Sign
<u>Heading North or East</u>					Portal	-
<u>Heading South or West</u>					Portal	- Wrong Height

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		
<i>Underclearance heights are signed if less than 14 ft 6 in</i> <i>Check with Maine Turnpike Authority for load heights over 13 ft 6 in</i> <i>Always check 511</i>		

Load Restrictions		tons	Date posted:
Posted			
Posted One Truck at aTime			
Posted for 4 axle only			
Operating Load Rating	1.88		
Permit Load Ratings		axles	
		axles	

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**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

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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

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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

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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

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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

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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

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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

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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

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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

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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

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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

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### Highway Bridge Inspection Report

## Pictures



PHOTO 29

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

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**Highway Bridge Inspection Report**

**Maintenance Work Items**

**Structure Number:** 1463  
**Town:** 11210

**Structure Name:** LYONS ROAD / I95 SB  
**Owner:** Kleinfelder,Kleinfelder

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

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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

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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### 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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### Highway Bridge Inspection Report

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 #: 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**

<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"/> Sliding	<input type="checkbox"/> Concrete	<input type="checkbox"/> Curtain
<input type="checkbox"/> V Seal	<input type="checkbox"/> Asphaltic Plug	<input type="checkbox"/> Transflex	<input type="checkbox"/> Delcrete	<input type="checkbox"/> Troughs
<input type="checkbox"/> Watson Bowman	<input checked="" type="checkbox"/> Compression	<input type="checkbox"/> Open	<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"/> Phoscrete	
<input type="checkbox"/> Pour-in-Place	<input type="checkbox"/> Gland	<input type="checkbox"/> Plycrete		
<input type="checkbox"/> DS Brown	<input type="checkbox"/> Waybo Crete			

**Superstructure**

<u>Left Side Rail:</u>			<u>Right Side Rail:</u>		
Material	Steel	<input checked="" type="checkbox"/> Retrofit	Material	Steel	<input checked="" type="checkbox"/> Retrofit
Shape	Guardrail	<input checked="" type="checkbox"/> Safety Walk	Shape	Guardrail	<input checked="" type="checkbox"/> Safety Walk
Attached To	Parapet	<input type="checkbox"/> Pales	Attached To	Parapet	<input type="checkbox"/> Pales
Number of Bars	1	<input type="checkbox"/> Snow Fence	Number of Bars	1	<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 checked="" 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 checked="" 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"/> Pin Quantity	<input type="checkbox"/> Wide Cover Plate - Sq End w/o Weld	<input type="checkbox"/> Longitudinal Stiffener - Welded w/o Radius
<input type="checkbox"/> Pin and Link Quantity		<input type="checkbox"/> Lateral Connection Plate - Welded	<input type="checkbox"/> 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:** 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**

NBI Deck Information:

Deck Type 1 - Concrete Cast-in-Place  
 Deck Protection 0 - None  
 Membrane Type 2 - Preformed Fabric

Wearing Surface:

Type 6 - Bituminous  
 Last Date 1992  
 Lifespan (Yrs) 25  
 Next Date Est. 2017  
 Mill & Fill Date

**Common Preservation**

Paint Information:

Type  
 Last Date 1993  
 Lifespan (Yrs)  
 Next Date Est. 2018

Anodes:

: : Installed  
 : : Detached  
 : : Replace

**Superstructure**

Beam Ends Paint:

Last Date  
 Next Date Est.

Bearings Paint:

Last Date 2018  
 Next Date Est. 2

Bearings Lubrication:

Last Date 0  
 Next Date Est. 2028

Concrete-Silane:

Last Date  
 Next Date Est. 1993

Washing:

: : Required  
 : : UBIT

Beam Ends Fluid Film:

Last Date  
 Next Date Est.

Bearings Fluid Film:

Last Date  
 Next Date Est. 10

Treatment:

: : Core 10  
 : : Galvanized  
 : : Metalized

Concrete- Linseed

Last Date  
 Next Date Est.  
 : : Alkali-Silica reactivity

**Substructure**

**General Notes**