

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

**Structure Number:** 1562  
**Facility Carried:** PARKWAY S

**Highway Bridge Inspection Report**

**Inspection Type(s): Routine**

**Bridge Name:** PARKWAY SOUTH / I395

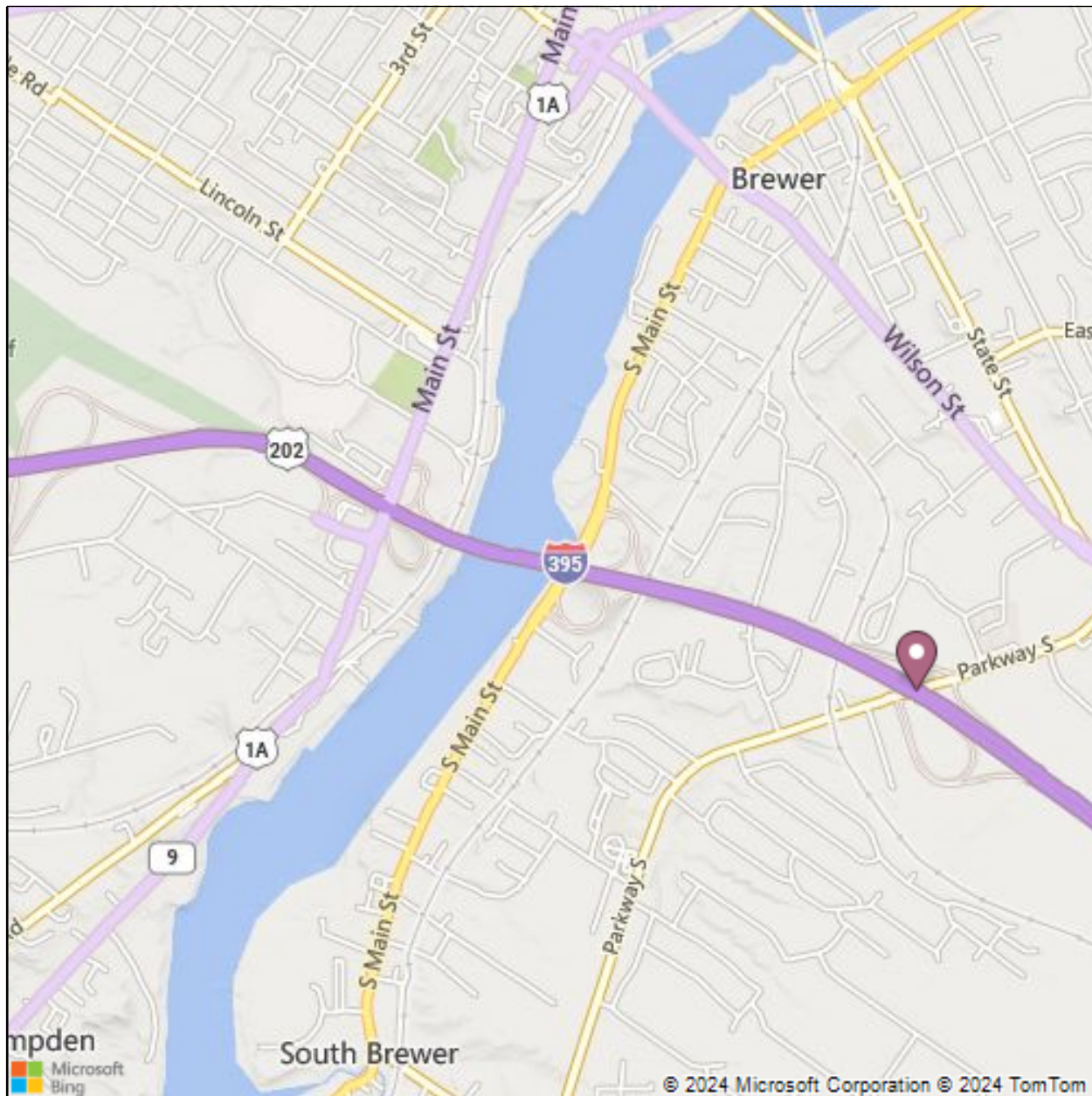
**Town:** Brewer



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### Highway Bridge Inspection Report



Latitude: 44.78046

Longitude: -68.75873

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Highway Bridge Inspection Report  
**National Bridge Inventory**

Status: 1 - SD

Bridge Name: PARKWAY SOUTH / I395

Sufficiency Rating: 61.7

**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 1562  
(5) INVENTORY ROUTE  
(5A) RECORD TYPE 1: Route carried "on" the structure  
(5B) ROUTE SIGNING PREFIX 3 - STATE HIGHWAY  
(5C) DESIGNATED LEVEL OF SERVICE 0 - None  
(5) INVENTORY ROUTE 0  
(5) INVENTORY ROUTE 0 - NOT APPLICABLE  
(2) HIGHWAY AGENCY DISTRICT 04 - Eastern  
(3) COUNTY CODE 019 Penobscot  
(4) PLACE CODE 06925  
(6) FEATURES INTERSECTED I-395  
(7) FACILITY CARRIED PARKWAY S  
(9) LOCATION 0.5 MI W OF ROUTE 1A  
(11) MILEPOINT 1.270  
(12) BASE HIGHWAY NETWORK Inventory Route is on the Base Network  
(13) LRS INVENTORY ROUTE, SUBROUTE  
(13A) LRS INVENTORY ROUTE 0001920081  
(13B) SUBROUTE NUMBER 00  
(16) LATITUDE 44.78046  
(17) LONGITUDE -68.75873  
(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 2 - Integral Concrete (separate non-modified layer of concrete added to structural deck)  
(108B) DECK MEMBRANE 0 - None  
(108C) DECK PROTECTION 0 - None

**Age of Service**

(27) YEAR BUILT 1985  
(106) YEAR RECONSTRUCTED  
(42) TYPE OF SERVICE  
(42A) TYPE OF SERVICE ON BRIDGE 5 - Highway-pedestrian  
(42B) TYPE OF SERVICE UNDER BRIDGE 1 - Highway, with or w/out pedestrian  
(28) LANES  
(28A) LANES ON THE STRUCTURE 02  
(28B) LANES UNDER THE STRUCTURE 04

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(29) AVERAGE DAILY TRAFFIC	10212
(30) YEAR OF AVERAGE DAILY TRAFFIC	2016
(109) AVERAGE DAILY TRUCK TRAFFIC	5
(19) BYPASS DETOUR LENGTH	2

#### Geometric Data

(48) LENGTH OF MAXIMUM SPAN (ft.)	120.0
(49) STRUCTURE LENGTH (ft.)	247.4
(50) CURB/SIDEWALK WIDTHS	
(50A) LEFT CURB SIDEWALK (ft.)	6.0
(50B) RIGHT CURB SIDEWALK (ft.)	0.5
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	44.0
(52) DECK WIDTH, OUT-TO-OUT (ft.)	53.2
(32) APPROACH ROADWAY WIDTH (ft.)	50
(33) BRIDGE MEDIAN	0 - No median
(34) SKEW (deg.)	42
(35) STRUCTURE FLARED	0 - No flare
(10) INV RTE, MIN VERT CLEARANCE (ft.)	328.05
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	44.0
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	327.76
(54) MIN VERTICAL UNDERCLEARANCE	
(54A) REFERENCE FEATURE	H - Highway beneath structure
(54B) MIN VERTICAL UNDERCARENCE (ft.)	18.67
(55) MIN LATERAL UNDER CLEARANCE RIGHT	
(55A) REFERENCE FEATURE	H - Highway beneath structure
(55B) MIN LATERAL UNDER CLEARANCE RIGHT (ft.)	29.86
(56) MIN LATERAL UNDER CLEARANCE (ft.)	7.5

#### 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	16 - Urban - Minor Arterial
(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	1.51
(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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### Highway Bridge Inspection Report

#### Appraisal

(67) STRUCTURAL EVALUATION	4
(68) DECK GEOMETRY	6
(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	14297
(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: 1562

Town: Brewer

Structure Name: PARKWAY SOUTH / I395

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#### Structure Notes

1985 Two span steel open girders. Concrete abutments, pier columns, deck, wings and wearing surface.

#### Wearing Surface

Did not chain concrete wearing surface at this time due to heavy traffic. Observed moderate cracking with delaminated area at north joint headers. Areas of large cracking in WB lane & moderate cracking 30% of surface area. No major spalling noted at this time

#### Deck

NBI Item 58: 5

Overall fair condition with moderate cracking & staining of exterior bays. Interior bays have minor cracking & staining only. Curb tops have moderate scaling areas. Exterior bays/ fascia has scattered efflo & rust stained areas. South joint armor has minor plow damage. North joint has minor armor damage & spall deck side SB travel lane. Bridge rail & snow fence in overall satisfactory condition with minor post impacts only.

#### Superstructure

NBI Item 59: 6

Overall satisfactory condition with with approximately 30% paint system distress and widespread minor rusting. Beam end & bearing areas have moderate paint system failures and areas of moderate rusting. No noted collision damage to the superstructure over the travel lanes.

Did not check I-395 under clearance at this time due to heavy traffic (2024). No impact damage noted.

#### Substructure

NBI Item 60: 4

Overall poor condition with widespread moderate cracking an isolated areas of heavy cracking/ staining with stains. The abutments, back-walls and wing walls suffer from ASR map cracking. The NE corner of the North abutment has moderate/ heavy scaling of bridge seat/ upper breastwall area. Pier columns have fine vertical cracks and scattered map cracking. The East end column is coated with woven fiberglass

#### 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.	13087	sq. ft.	0	13087	0	0
510-Wearing Surfaces		10824	sq. ft.	0	8322	2500	2
<b>107-Steel Open Girder/Beam</b>	3 - Mod.	1476	ft.	1076	400	0	0
515-Steel Protective Coating		1476	sq. ft.	0	600	500	376
<b>205-Reinforced Concrete Column</b>	3 - Mod.	6	each	0	6	0	0
<b>215-Reinforced Concrete Abutment</b>	2 - Low	150	ft.	0	100	50	0
<b>302-Compression Joint Seal</b>	4 - Sev.	120	ft.	0	110	10	0
<b>311-Movable Bearing</b>	3 - Mod.	12	each	6	6	0	0
515-Steel Protective Coating		12	sq. ft.	0	0	6	6
<b>313-Fixed Bearing</b>	3 - Mod.	6	each	6	0	0	0
515-Steel Protective Coating		6	sq. ft.	0	0	0	6
<b>801-Beam End</b>	3 - Mod.	12	each	0	12	0	0
515-Steel Protective Coating		12	sq. ft.	0	0	0	12
<b>815-Joint Seal</b>	4 - Sev.	2	each	0	2	0	0
<b>820-Reinforced Concrete Wall</b>	2 - Low	75	ft.	0	0	75	0
<b>843-Rigid Wearing Surface</b>	4 - Sev.	10824	sq. ft.	0	8322	2500	2
<b>871-Aluminum Bridge Railing</b>	4 - Sev.	492	ft.	444	48	0	0

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### Highway Bridge Inspection Report

## Over Limit Report

Bridge #: 1562  
Bridge Name: PARKWAY SOUTH / 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: 12/06/2022

	<u>Left</u>	<u>Center</u>	<u>Right</u>	<u>Posted</u>	<u>Deficient Sign</u>
Main: <input type="text" value="-395"/>	18 - 11	19 - 3	19 - 7	<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: 12/06/2022

	<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 - 11	18 - 9	<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: 18 - 8 2037585-BRPT  
Heading South Height: 18 - 6 2037586-BRPT  
Left Ramp Height: -  
Right Ramp Height: -  
Portal North Height: -  
Portal South Height: -  
Other Road Height: -  
Bridge Width: 44.0 ft  
Roadway Width: 50 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	1.51	
Permit Load Ratings		axles
		axles

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axles

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### Highway Bridge Inspection Report

### Underwater Dive Inspection Report

**Structure Number:** 1562

**Bridge Name:** PARKWAY SOUTH / I-395

**Town 1:** 19050 - Brewer

**Town 2:**

**Division:** Bangor

**DiveID:** 2204

☐ Tidal:

**Location:** 0.5 MI W OF ROUTE 1A

**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  
Inspection Date: 09/11/2024

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### Highway Bridge Inspection Report

## Pictures



PHOTO 1

Description roadway looking north



PHOTO 2

Description patched south end of west sidewalk

Inspector: Scott Harris  
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### Highway Bridge Inspection Report

## Pictures



PHOTO 3

Description south end joint



PHOTO 4

Description minor armor damage to south end joint



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### Highway Bridge Inspection Report

## Pictures

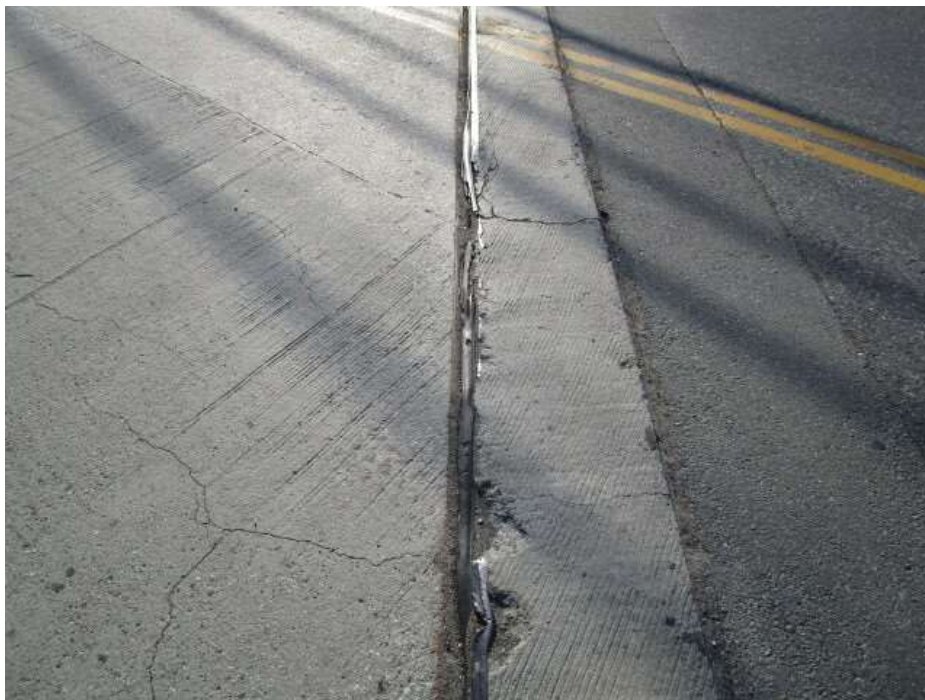


PHOTO 5

Description



PHOTO 6

Description wearing surface transverse cracking

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### Highway Bridge Inspection Report

## Pictures



PHOTO 7

Description west sidewalk/ rail



PHOTO 8

Description west sidewalk patch



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### Highway Bridge Inspection Report

## Pictures



PHOTO 9

Description typical of wearing surface wear



PHOTO 10

Description large longitudinal crack in SB travel lane

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### Highway Bridge Inspection Report

## Pictures



PHOTO 11

Description mini pothole west sidewalk



PHOTO 12

Description north end joint



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### Highway Bridge Inspection Report

## Pictures



PHOTO 13

Description delaminated area at north joint SB lane (deck side)



PHOTO 14

Description minor damage to armor north end joint

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### Highway Bridge Inspection Report

## Pictures



PHOTO 15

Description east side view



PHOTO 16

Description NW beam end

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### Highway Bridge Inspection Report

## Pictures



PHOTO 17

Description cracking & staining NW end of deck



PHOTO 18

Description typical of bearings



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### Highway Bridge Inspection Report

## Pictures



PHOTO 19

Description cracking & efflo staining at north abutment backwall



PHOTO 20

Description bearing position at air temp 60 degrees

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### Highway Bridge Inspection Report

## Pictures



PHOTO 21

Description north abutment bearing



PHOTO 22

Description NE end of deck

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## Pictures

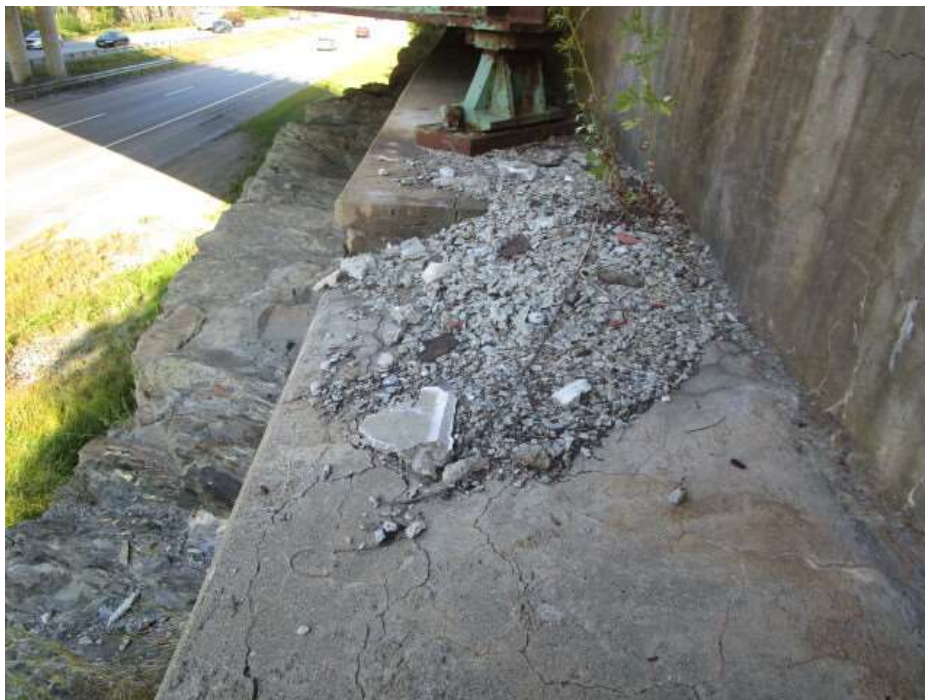


PHOTO 23

Description NE abutment bearing area



PHOTO 24

Description typical bottom of deck north span looking south interior bay



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### Highway Bridge Inspection Report

## Pictures



PHOTO 25

Description north span looking south



PHOTO 26

Description north end of west sidewalk joint plates offset

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### Highway Bridge Inspection Report

## Pictures



PHOTO 27

Description typical of efflo staining east fascia



PHOTO 28

Description heavy scaling concrete at SE abutment footing



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### Highway Bridge Inspection Report

## Pictures



PHOTO 29

Description SE abutment



PHOTO 30

Description south span looking north

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### Highway Bridge Inspection Report

## Pictures



PHOTO 31

Description pier columns south face



PHOTO 32

Description Wrapped east pier pile

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### Highway Bridge Inspection Report

## Pictures



PHOTO 33

Description fascia cracking & staining



PHOTO 34

Description south abutment



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### Highway Bridge Inspection Report

## Pictures



PHOTO 35

Description south abutment bearing



PHOTO 36

Description rust staining exterior bay west side

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**Highway Bridge Inspection Report**

**Maintenance Work Items**

**Structure Number:** 1562

**Structure Name:** PARKWAY SOUTH / I395

**Town:** 19050

**Owner:** Harris,Scott

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Type	Work Item	Priority	Notes
Capital	Replace Wearing Surface		
Capital	Repair Joint		south joint armor/ header
Capital	Repair Deck		Repair sidewalk surface
Capital	Other		Apply Silane
Capital	Paint		
Capital	Rehab Substructure		

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### Highway Bridge Inspection Report

## MaineDOT NBIS Bridge Safety Inspection JSA

Inspector: Harris,Scott  
Team Lead: Scott Harris  
Structure Number: 1562  
Structure Name: PARKWAY SOUTH / I395  
Town: Brewer

#### Additional Team Members/Visitors:

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

#### Job being performed:

Routine bride 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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Inspection Date: 09/11/2024

Structure Number: 1562  
Facility Carried: PARKWAY S

### Highway Bridge Inspection Report


Safety Equipment Required:

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

- |   |
|---|
| <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      Scott B. Harris

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

Structure Number: 1562  
Facility Carried: PARKWAY S

## Highway Bridge Inspection Report

### Bridge Components

Bridge #: 1562  
Bridge Name: PARKWAY SOUTH / 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

##### Joint Seal Type/MFG:

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

##### Joint Types:

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

☐ Sliding  
☐ Transflex  
☐ Open

##### Joint HDR Mat:

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

##### Other:

☐ Curtain  
☐ Troughs  
☐ Armor

##### Rebar Type:

#### Superstructure

##### Left Side Rail:

Material Aluminum ☐ Retrofit  
Shape Semi-Elliptical ☐ Safety Walk  
Attached To Curb ☒ Pales  
Number of Bars 3 ☐ Snow Fence  
Extra Height N

##### Right Side Rail:

Material Aluminum ☐ Retrofit  
Shape Semi-Elliptical ☐ Safety Walk  
Attached To Curb ☒ Pales  
Number of Bars 3 ☐ Snow Fence  
Extra Height N

##### Bearing Type Quantity:

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

##### Other:

☐ Pin Quantity  
☐ Pin and Link Quantity

##### Fatigue Prone Detail:

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

#### Substructure

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

##### Retaining Wall Type:

#### Other

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

#### General Notes

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

Structure Number: 1562  
Facility Carried: PARKWAY S

### Highway Bridge Inspection Report

## Bridge Preservation

Bridge #: 1562  
Bridge Name: PARKWAY SOUTH / 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 2 - Integral Concrete (separate non-modified layer of concrete added to structural deck)	Type	<input type="checkbox"/> Installed
Deck Protection	0 - None	Last Date 2003	Last Date 1985	<input type="checkbox"/> Detached
Membrane Type	0 - None	Lifespan (Yrs) 25 Next Date Est. 2028	Lifespan (Yrs) Next Date Est. 2010	<input type="checkbox"/> Replace
Mill & Fill Date				
Superstructure				
<u>Beam Ends Paint:</u>	<u>Bearings Paint:</u>	<u>Bearings Lubrication:</u>	<u>Concrete-Silane:</u>	<u>Washing:</u>
Last Date	Last Date	Last Date	Last Date	<input checked="" type="checkbox"/> Required
Next Date Est.	Next Date Est.	Next Date Est.	Next Date Est. 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

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## Highway Bridge Inspection Report

### Critical Finding Form

#### Critical Finding History

Bridge #: 1562  
Bridge Name: PARKWAY SOUTH / 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.