

# Highway Bridge Inspection Report

BR# 5654

ST GEORGE RIVER

RTE 90 SH 199

Over

ST GEORGE RIVER

Town:

Warren



Inspection Date: 11/19/2020

Inspected By: DeRocher, Pete

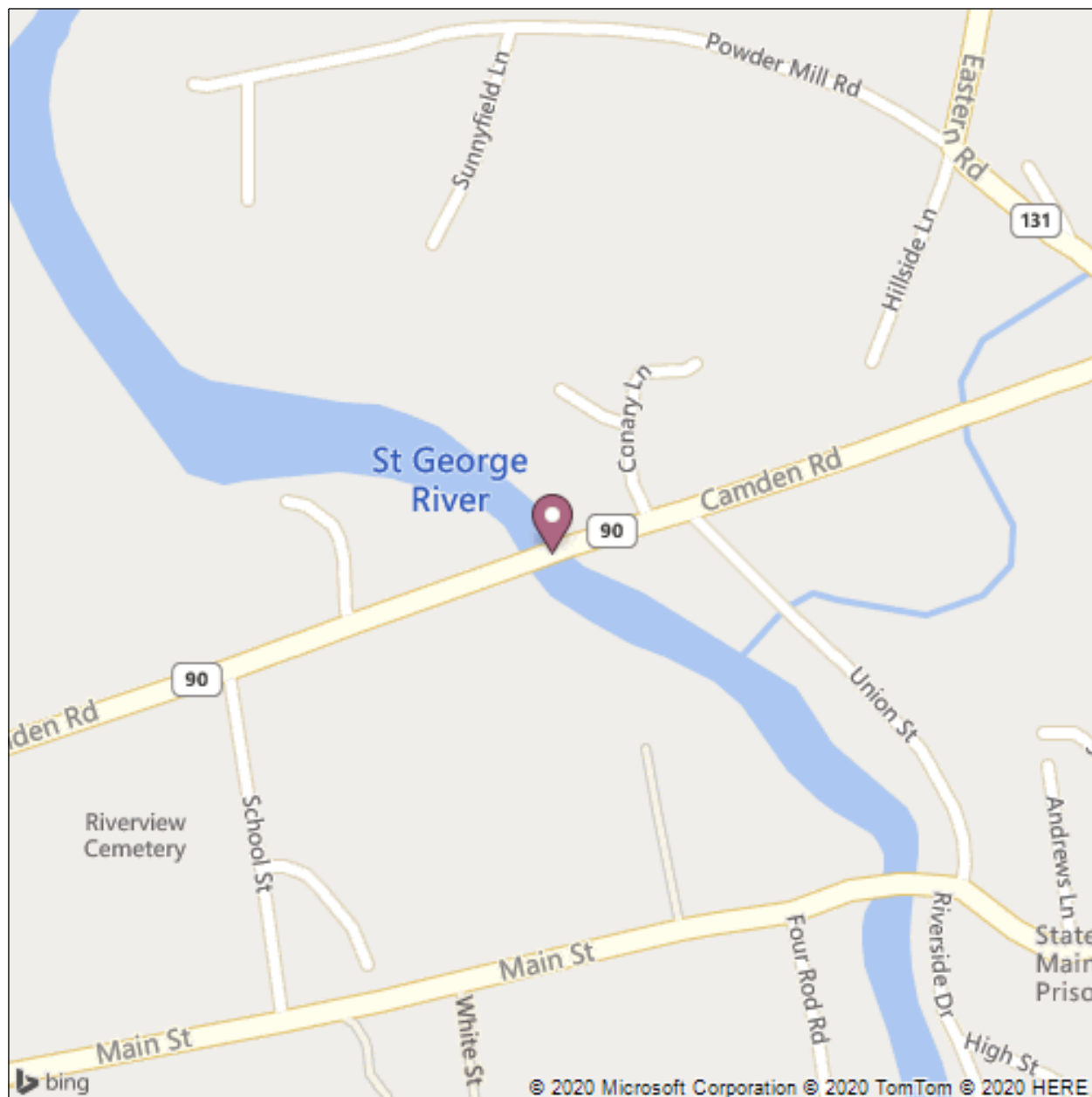
Inspection Type(s): Routine

Inspector: Pete DeRocher  
Inspection Date: 11/19/2020

Structure Number: 5654  
Facility Carried: RTE 90 SH 199

### Highway Bridge Inspection Report

### Location Map



Latitude: 44.12288

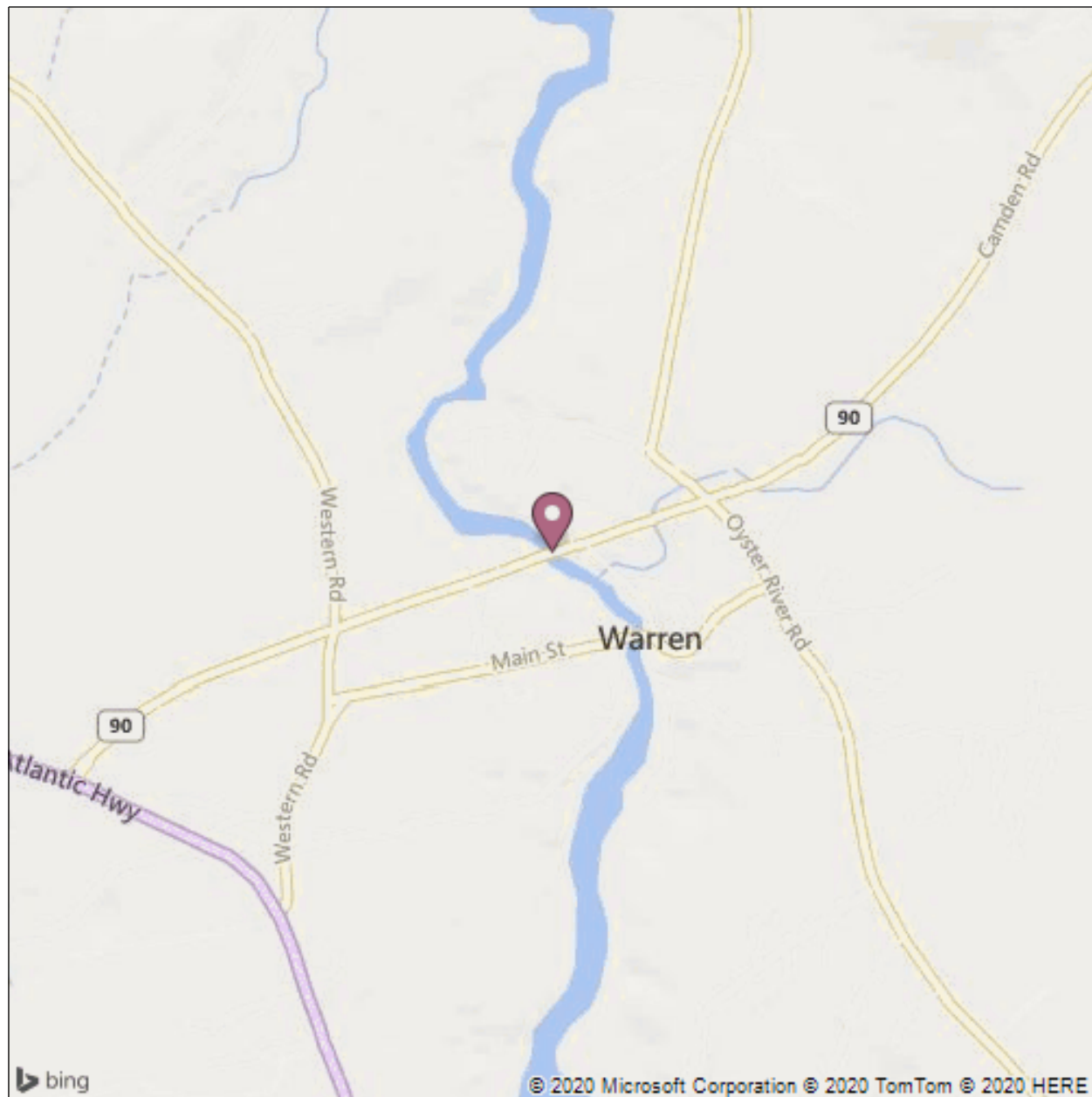
Longitude: -69.24429

Inspector: Pete DeRocher  
Inspection Date: 11/19/2020

Structure Number: 5654  
Facility Carried: RTE 90 SH 199

### Highway Bridge Inspection Report

### Location Map



Latitude: 44.12288  
Longitude: -69.24429

## National Bridge Inventory

Status: 1 - SD

Bridge Name: ST GEORGE RIVER

Sufficiency Rating: 49.0

### Inspections

(90) INSPECTION DATE	& (91) DESIGNATED INSPECTION FREQUENCY	24	11/19/2020
(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	5654
(5) INVENTORY ROUTE	
(5A) RECORD TYPE	1: Route carried "on" the structure
(5B) ROUTE SIGNING PREFIX	3 - STATE HIGHWAY
(5C) DESIGNATED LEVEL OF SERVICE	1 - MAINLINE
(5) INVENTORY ROUTE	90
(5) INVENTORY ROUTE	0 - NOT APPLICABLE
(2) HIGHWAY AGENCY DISTRICT	02 - Mid-Coast
(3) COUNTY CODE	013 Knox
(4) PLACE CODE	80215
(6) FEATURES INTERSECTED	ST GEORGE RIVER
(7) FACILITY CARRIED	RTE 90 SH 199
(9) LOCATION	1.2 MI NE US 1
(11) MILEPOINT	1.070
(12) BASE HIGHWAY NETWORK	Inventory Route is on the Base Network
(13) LRS INVENTORY ROUTE, SUBROUTE	
(13A) LRS INVENTORY ROUTE	000000090X
(13B) SUBROUTE NUMBER	00
(16) LATITUDE	44.12288
(17) LONGITUDE	-69.24429
(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	4
(46) NUMBER OF APPROACH SPANS	0
(107) DECK STRUCTURE TYPE	1 - Concrete Cast-in-Place
(108) WEARING SURFACE/PROTECTIVE SYSTEMS	
(108A) WEARING SURFACE	4 - Low Slump Concrete
(108B) DECK MEMBRANE	0 - None
(108C) DECK PROTECTION	0 - None

### Age of Service

(27) YEAR BUILT	1961
(106) YEAR RECONSTRUCTED	
(42) TYPE OF SERVICE	
(42A) TYPE OF SERVICE ON BRIDGE	1 - Highway
(42B) TYPE OF SERVICE UNDER BRIDGE	5 - Waterway
(28) LANES	
(28A) LANES ON THE STRUCTURE	02
(28B) LANES UNDER THE STRUCTURE	00
(29) AVERAGE DAILY TRAFFIC	5596
(30) YEAR OF AVERAGE DAILY TRAFFIC	2016
(109) AVERAGE DAILY TRUCK TRAFFIC	5
(19) BYPASS DETOUR LENGTH	22

### Geometric Data

(48) LENGTH OF MAXIMUM SPAN (ft.)	80.0
(49) STRUCTURE LENGTH (ft.)	285.0
(50) CURB/SIDEWALK WIDTHS	
(50A) LEFT CURB SIDEWALK (ft.)	0.5
(50B) RIGHT CURB SIDEWALK (ft.)	0.5
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	24.0
(52) DECK WIDTH, OUT-TO-OUT (ft.)	33.0
(32) APPROACH ROADWAY WIDTH (ft.)	28.0
(33) BRIDGE MEDIAN	0 - No median
(34) SKEW (deg.)	30
(35) STRUCTURE FLARED	0 - No flare
(10) INV RTE, MIN VERT CLEARANCE (ft.)	328.05
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	28.0
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	327.76
(54) MIN VERTICAL UNDERCLEARANCE	
(54A) REFERENCE FEATURE	N - Feature not a highway or railroad
(54B) MIN VERTICAL UNDERCLEASENCE (ft.)	0
(55) MIN LATERAL UNDER CLEARANCE RIGHT	
(55A) REFERENCE FEATURE	N - Feature not a highway or railroad
(55B) MIN LATERAL UNDER CLEARANCE RIGHT (ft.)	327.76
(56) MIN LATERAL UNDER CLEARANCE (ft.)	99.9

#### 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	06 - Rural - 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	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	7 - Bank protection needs minor repairs
(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	1.29
(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	1.00
(70) BRIDGE POSTING	5 - Equal to or above legal loads
(41) STRUCTURE OPEN/POSTED/CLOSED	A - Open

#### Appraisal

(67) STRUCTURAL EVALUATION	5
(68) DECK GEOMETRY	2
(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(71) WATERWAY ADEQUACY	9 - Bridge Above Flood Water Elevations
(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  
(113) SCOUR CRITICAL BRIDGES

0 - Does not meet acceptable standards/safety feature is required  
8 - Stable for scour conditions

<b>Proposed Improvements</b>
------------------------------

(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	7834
(115) YEAR OF FUTURE ADT	2036

<b>Navigation Data</b>
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(38) NAVIGATION CONTROL	0 - No navigation control on waterway (bridge permit not required)
(111) PIER OR ABUTMENT PROTECTION	
(39) NAV VERT CLEARANCE	0
(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE	0
(40) NAV HORIZONTAL CLEARANCE	0

## Inspection Notes

Structure Number: 5654

Town: Warren

Structure Name: ST GEORGE RIVER

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### Structure Notes

1961 4 span steel rolled continuous girders on stub concrete abutments and 3 concrete capped steel column bents.

### Wearing Surface

Concrete ws has tining worn in wheel paths. 15% scattered minor to moderate transverse cracking through out. 5% isolated delams with one area of exposed rebar from lack of cover. Other delams were found scattered along the center line construction joint.

### Deck

NBI Item 58: 4

Bottom of deck has prevalent cracking with rust and efflo staining. Scattered areas of delams and spalling with exposed rebar. Some bridge drains have been replaced but others are rusted out. Several haunches over diaphragms are spalled with exposed rebar. East joint haunches underside are deteriorated with rebar missing or hanging. Bridge rail retrofitted with thri-beam. West finger joint fingers out of alignment and contacting adjacent fingers.

### Superstructure

NBI Item 59: 6

Minor rusting at girder ends and minor to moderate rusting at diaphragms. Otherwise girders have widely scattered minor rusting. Bearings at abutments have failing paint and light rusting.

### Substructure

NBI Item 60: 5

Both abutments have footings exposed. West abutment has newer concrete slope protection. East abutment has voids between bridge seat and backwall.

Pier steel piles in good condition above mud line. Isolated section loss at the mud line. One steel pile at the west pier mud line has holes thru the web and flange with the remaining area thinning. Pier caps have widely scattered fine cracking. West abutment bridge seat partially covered with winter sand. Mud flaps at west abutment are in place and functioning well.

Section loss at base of piles driving NBI rating.

### Culvert

NBI Item 62: N

### Channel

NBI Item 61: 7

Stream bed consist of varying sized stones and gravel. Abutments protected with rip rap.

**Other**

**Special Inspection**

**Monitoring**

**Pontis Notes**



Inspector: Pete DeRocher  
 Inspection Date: 11/19/2020

Structure Number: 5654  
 Facility Carried: RTE 90 SH 199

### Highway Bridge Inspection Report

### Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
<b>12 - Reinforced Concrete Deck</b>	4 - Sev.	9504	sq. ft.	0	6000	3504	0
<b>107 - Steel Open Girder/Beam</b>	3 - Mod.	1440	ft.	700	740	0	0
515 - Steel Protective Coating		1440	sq. ft.	0	1400	40	0
<b>215 - Reinforced Concrete Abutment</b>	3 - Mod.	90	ft.	65	25	0	0
<b>225 - Steel Pile</b>	4 - Sev.	21	each	16	3	2	0
515 - Steel Protective Coating		21	sq. ft.	0	0	0	21
<b>234 - Reinforced Concrete Pier Cap</b>	3 - Mod.	99	ft.	90	9	0	0
<b>304 - Open Expansion Joint</b>	4 - Sev.	66	ft.	50	16	0	0
<b>311 - Movable Bearing</b>	3 - Mod.	20	each	15	5	0	0
515 - Steel Protective Coating		20	sq. ft.	15	5	0	0
<b>313 - Fixed Bearing</b>	3 - Mod.	5	each	5	0	0	0
515 - Steel Protective Coating		5	sq. ft.	0	5	0	0
<b>331 - Reinforced Concrete Bridge Railing</b>	4 - Sev.	576	ft.	530	46	0	0
<b>801 - Beam End</b>	3 - Mod.	10	each	10	0	0	0
515 - Steel Protective Coating		10	sq. ft.	0	5	5	0
<b>843 - Rigid Wearing Surface</b>	4 - Sev.	9504	sq. ft.	7004	2500	0	0

# Over Limit Report

Bridge #: 5654  
Bridge Name: ST GEORGE RIVER  
Owner: 01 - State Highway Agency  
Co-Owner: N Not applicable  
Region: 02 - Mid-Coast

Town1: Warren  
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:

	<u>Left</u>	<u>Center</u>	<u>Right</u>	<u>Posted</u>	<u>Deficient Sign</u>
Main: <input type="text" value="ST GEORGE RIVER"/>	-	-	-	<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:

	<u>Left</u>	<u>Center</u>	<u>Right</u>	<u>Posted</u>	<u>Deficient Sign</u>
Main: <input type="text" value="ST GEORGE RIVER"/>	-	-	-	<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: -  
Heading South Height: -  
Left Ramp Height: -  
Right Ramp Height: -  
Portal North Height: -  
Portal South Height: -  
  
Other Road Height: -

Bridge Width: 24.0 ft  
Roadway Width: 28.0 ft

*Underclearance heights are signed if less than 14 ft 6 in*

*Check with Maine Turnpike Authority for load heights over 13 ft 6 in*

*Always check 511*

## Load Restrictions

Posted	tons	Date posted:
Posted One Truck at aTime		
Posted for 4 axle only		
Operating Load Rating	1.29	
Permit Load Ratings		axles
		axles
		axles

## Underwater Dive Inspection Report

**Structure Number:** 5654

**Town 1:** 13170 - Warren

**Division:** Rockland

**Location:** 1.2 MI NE US 1

**Tide Information:**

**Dive Entry Location:**

**Scour:**

**Comments/Hazards:**

**Bridge Name:** ST GEORGE RIVER

**Town 2:**

**DiveID:** 3977

☐ Tidal:

**Photos:**

**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: Pete DeRocher  
Inspection Date: 11/19/2020

Structure Number: 5654  
Facility Carried: RTE 90 SH 199

### Highway Bridge Inspection Report

## Pictures



PHOTO 1

Description Roadway looking east



PHOTO 2

Description West joint

Inspector: Pete DeRocher  
Inspection Date: 11/19/2020

Structure Number: 5654  
Facility Carried: RTE 90 SH 199

### Highway Bridge Inspection Report

## Pictures



PHOTO 3

Description Wearing surface



PHOTO 4

Description North face



Inspector: Pete DeRocher  
Inspection Date: 11/19/2020

Structure Number: 5654  
Facility Carried: RTE 90 SH 199

### Highway Bridge Inspection Report

## Pictures



PHOTO 5

Description West pier



PHOTO 6

Description West abutment

Inspector: Pete DeRocher  
Inspection Date: 11/19/2020

Structure Number: 5654  
Facility Carried: RTE 90 SH 199

### Highway Bridge Inspection Report

## Pictures



PHOTO 7

Description Span 1 from west



PHOTO 8

Description Span 2 from west



Inspector: Pete DeRocher  
Inspection Date: 11/19/2020

Structure Number: 5654  
Facility Carried: RTE 90 SH 199

### Highway Bridge Inspection Report

## Pictures



PHOTO 9

Description Section loss at west pier - Third pile in from the south



PHOTO 10

Description Center pier



Inspector: Pete DeRocher  
Inspection Date: 11/19/2020

Structure Number: 5654  
Facility Carried: RTE 90 SH 199

### Highway Bridge Inspection Report

## Pictures



PHOTO 11

Description South face



PHOTO 12

Description East abutment

Inspector: Pete DeRocher  
Inspection Date: 11/19/2020

Structure Number: 5654  
Facility Carried: RTE 90 SH 199

### Highway Bridge Inspection Report

## Pictures



PHOTO 13

Description East joint



PHOTO 14

Description Spalling at diaphragm haunches



Inspector: Pete DeRocher  
Inspection Date: 11/19/2020

Structure Number: 5654  
Facility Carried: RTE 90 SH 199

### Highway Bridge Inspection Report

## Pictures



PHOTO 15

Description Section loss at bottom flange of end diaphragm at east abutment



PHOTO 16

Description East joint failed seal

Inspector: Pete DeRocher  
Inspection Date: 11/19/2020

Structure Number: 5654  
Facility Carried: RTE 90 SH 199

### Highway Bridge Inspection Report

## Pictures



PHOTO 17

Description East pier



PHOTO 18

Description East span



Inspector: Pete DeRocher  
Inspection Date: 11/19/2020

Structure Number: 5654  
Facility Carried: RTE 90 SH 199

### Highway Bridge Inspection Report

## Pictures



PHOTO 19

Description Span 3 from west



PHOTO 20

Description West face of center pier bottom of pile condition

**Inspector:** Pete DeRocher  
**Inspection Date:** 11/19/2020

**Structure Number:** 5654  
**Facility Carried:** RTE 90 SH 199

### Highway Bridge Inspection Report

## Pictures



PHOTO 21

Description West face of center pier bottom of pile condition

## Maintenance Work Items

**Structure Number: 5654**

**Structure Name: ST GEORGE RIVER**

**Town: 13170**

**Owner: DeRocher,Pete**

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Type	Work Item	Priority	Notes
Capital	Repair Deck		Future new deck
Capital	Rehab/Replace Drain		Finish replacing drains
Capital	Rehab Substructure		Examine all piles at mud line and repair
Preservation	Paint		Clean and paint all steel
Maintenance	Clean		Clean sand off bridge seat
Preservation	Other		Apply Silane.
Maintenance	Seal Joint		
Maintenance	Repair Joint		headers and grind fingers
Preservation	Repair Wearing Surface		Repair wearing surface at the SE corner.

# MaineDOT NBIS Bridge Safety Inspection JSA

Inspector: DeRocher,Pete  
Team Lead: Pete DeRocher  
Structure Number: 5654  
Structure Name: ST GEORGE RIVER  
Town: Warren

## Additional Team Members/Visitors:

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

## Job being performed:

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

High, fast water.

## Potential Hazard:

☐

## 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

## Controls:

☐



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:

Safety Equipment Required:

☒ ☐ ☐

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:

Emergency Action Plan:

☒

- |   |  |   |   |
|---|--|---|---|
| Hard hat                                    | Sunscreen                                      | Throw Ring                                  | Call 911  |
| <input checked="" type="checkbox"/> Vest    | <input type="checkbox"/> First Aid             | <input type="checkbox"/> Throw Rope         | <input checked="" type="checkbox"/> First Aid Kit |
| <input checked="" type="checkbox"/> Glasses | <input type="checkbox"/> O2                    | <input type="checkbox"/> Positioning Device | <input type="checkbox"/> Fall Rescue Plan         |
| <input checked="" type="checkbox"/> Gloves  | <input type="checkbox"/> AED                   |   | <input type="checkbox"/> Water Rescue Plan        |
| <input type="checkbox"/> PFD                | <input type="checkbox"/> Comm Gear             |   | <input type="checkbox"/> Dan 1-919-684-9111       |
| <input type="checkbox"/> Rain Gear          | <input checked="" type="checkbox"/> Cell Phone |   | <input type="checkbox"/> USCG 741-5465            |
| <input type="checkbox"/> Bug Spray          | <input type="checkbox"/> Boat                  |   |   |

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

Pete DeRocher

# Bridge Components

Bridge #: 5654  
Bridge Name: ST GEORGE RIVER  
Owner: 01 - State Highway Agency  
Co-Owner: N Not applicable  
Region: 02 - Mid-Coast

Town1: Warren  
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  
☒ 66 Open

### Joint HDR Mat:

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

### Other:

- ☐ Curtain  
☐ Troughs  
☐ Armor

### Rebar Type:

## Superstructure

### Left Side Rail:

- Material ☐ Concrete ☒ Retrofit  
Shape ☐ Rectangular ☐ Safety Walk  
Attached To ☐ Curb ☐ Pales  
Number of Bars 1 ☐ Snow Fence  
Extra Height N

### Right Side Rail:

- Material ☐ Concrete ☒ Retrofit  
Shape ☐ Rectangular ☐ Safety Walk  
Attached To ☐ Curb ☐ Pales  
Number of Bars 1 ☐ Snow Fence  
Extra Height N

### Bearing Type Quantity:

- ☐ Disk ☐ Elastomeric  
☐ Pot ☒ 25 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

# Bridge Preservation

Bridge #: 5654  
Bridge Name: ST GEORGE RIVER  
Owner: 01 - State Highway Agency  
Co-Owner: N Not applicable  
Region: 02 - Mid-Coast

Town1: Warren  
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 0 - None

### Wearing Surface:

Type 4 - Low Slump Concrete  
Last Date 2013  
Lifespan (Yrs)  
Next Date Est. 2013  
Mill & Fill Date

## Common Preservation

### Paint Information:

Type  
Last Date  
Lifespan (Yrs)  
Next Date Est. 2000

### Anodes:

☐ Installed  
☐ Detached  
☐ Replace

## Superstructure

### Beam Ends Paint:

Last Date  
Next Date Est.

### Bearings Paint:

Last Date  
Next Date Est.

### Bearings Lubrication:

Last Date  
Next Date Est.

### Beam Ends Fluid Film:

Last Date  
Next Date Est.

### Bearings Fluid Film:

Last Date  
Next Date Est.

### Treatment:

☐ Core 10  
☐ Galvanized  
☐ Metalized

### Concrete-Silane:

Last Date  
Next Date Est.

### Washing:

☒ Required  
☐ UBIT

### Concrete-Linseed

Last Date  
Next Date Est.  
☐ Alkali-Silica reactivity

## Substructure

## General Notes