

# Highway Bridge Inspection Report

BR# 3542

CUPSUPTIC

RTE 16

Over

CUPSUPTIC RIVER

Town:  
Lower  
Cupsuptic  
Twp



Inspection Date: 07/24/2019

Inspected By: Edwards, Carl

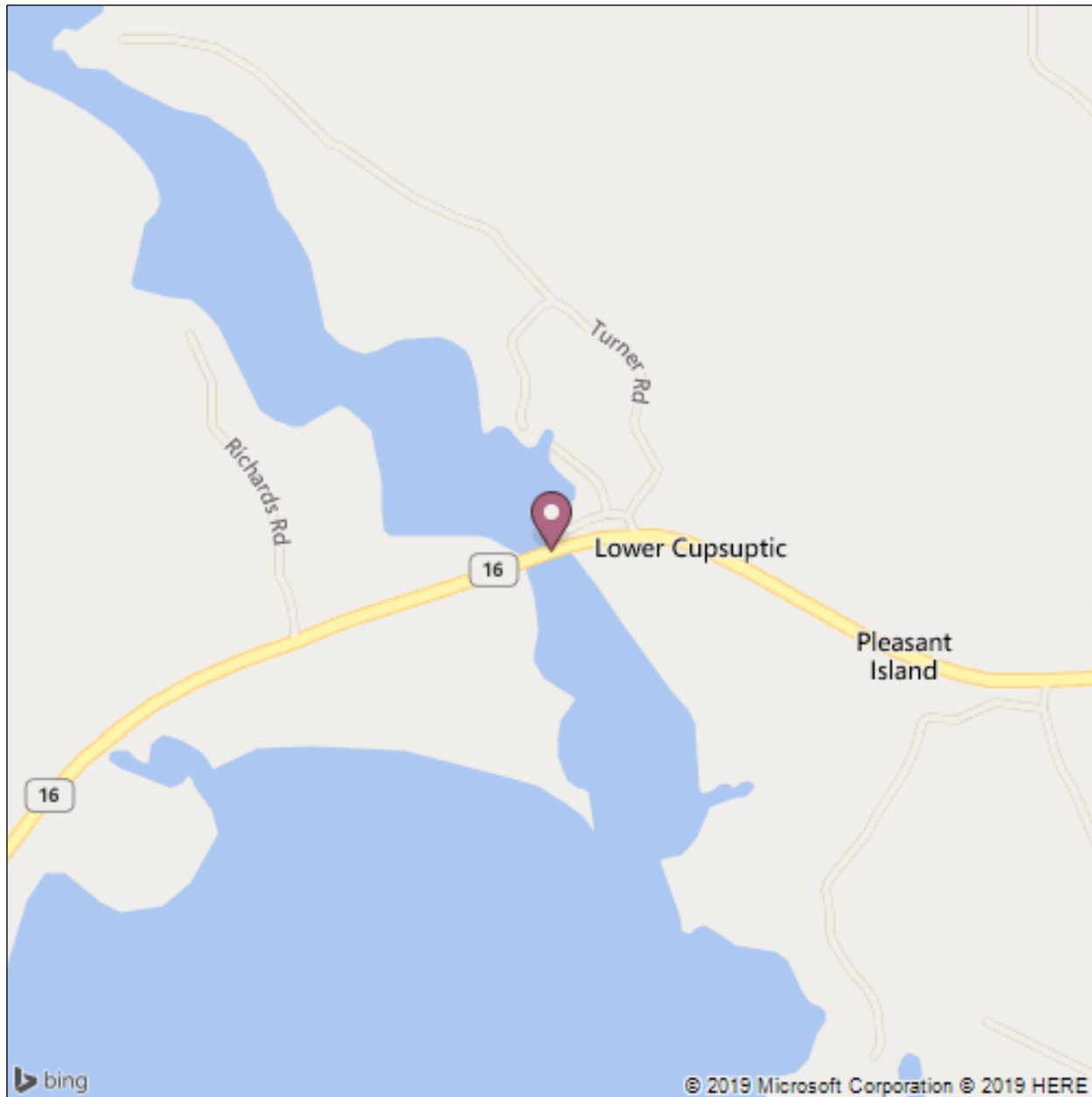
**Inspection Type(s):** Underwater

Inspector: Carl Edwards  
Inspection Date: 07/24/2019

Structure Number: 3542  
Facility Carried: RTE 16

### Highway Bridge Inspection Report

### Location Map



Latitude: 45.01394  
Longitude: -70.85044

# National Bridge Inventory

Status: 0 - ND

Bridge Name: CUPSUPTIC

Sufficiency Rating: 83.3

## Inspections

(90) INSPECTION DATE	& (91) DESIGNATED INSPECTION FREQUENCY	24	05/21/2019
(92) CRITICAL FEATURE INSPECTION	& (93) CFI DATE		
(92A) FRACTURE CRITICAL DETAIL		N	
(92B) UNDERWATER INSPECTION		Y	60
(92C) OTHER SPECIAL INSPECTION		N	07/24/2019

## Identification

(1) STATE CODE	231 - Maine
(8) STRUCTURE NUMBER	3542
(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	16
(5) INVENTORY ROUTE	0 - NOT APPLICABLE
(2) HIGHWAY AGENCY DISTRICT	03 - Western
(3) COUNTY CODE	017 Oxford
(4) PLACE CODE	41480
(6) FEATURES INTERSECTED	CUPSUPTIC RIVER
(7) FACILITY CARRIED	RTE 16
(9) LOCATION	1.5 MI W'LY RANGELY T.L.
(11) MILEPOINT	21.290
(12) BASE HIGHWAY NETWORK	Inventory Route is not on the Base Network
(13) LRS INVENTORY ROUTE, SUBROUTE	
(13A) LRS INVENTORY ROUTE	00000016X
(13B) SUBROUTE NUMBER	00
(16) LATITUDE	45.01394
(17) LONGITUDE	-70.85044
(98A) BORDER BRIDGE CODE	
(98B) PERCENT RESPONSIBILITY	0
(99) BORDER BRIDGE STRUCT NO.	

## 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	3
(46) NUMBER OF APPROACH SPANS	0
(107) DECK STRUCTURE TYPE	1 - Concrete Cast-in-Place
(108) WEARING SURFACE/PROTECTIVE SYSTEMS	
(108A) WEARING SURFACE	1 - Monolithic Concrete (concurrently placed with structural deck)
(108B) DECK MEMBRANE	0 - None
(108C) DECK PROTECTION	0 - None

## Age of Service

(27) YEAR BUILT	1962
(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	402
(30) YEAR OF AVERAGE DAILY TRAFFIC	2016
(109) AVERAGE DAILY TRUCK TRAFFIC	5
(19) BYPASS DETOUR LENGTH	100

## Geometric Data

(48) LENGTH OF MAXIMUM SPAN (ft.)	75
(49) STRUCTURE LENGTH (ft.)	195
(50) CURB/SIDEWALK WIDTHS	
(50A) LEFT CURB SIDEWALK (ft.)	1.5
(50B) RIGHT CURB SIDEWALK (ft.)	1.5
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	26.0
(52) DECK WIDTH, OUT-TO-OUT (ft.)	31.0
(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.)	26.0
(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 UNDERCLEARENCE (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	07 - Rural - Major Collector
(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	6 - Satisfactory Condition (minor deterioration)
(59) SUPERSTRUCTURE	7 - Good Condition (some minor problems)
(60) SUBSTRUCTURE	6 - Satisfactory Condition (minor deterioration)
(61) CHANNEL & CHANNEL PROTECTION	5 - Bank eroded.. major damage
(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	1.31
(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	1.01
(70) BRIDGE POSTING	5 - Equal to or above legal loads
(41) STRUCTURE OPEN/POSTED/CLOSED	A - Open

#### Appraisal

(67) STRUCTURAL EVALUATION	6
(68) DECK GEOMETRY	5
(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>
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(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	643
(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: 3542

Town: Lower Cupsuptic Twp

Structure Name: CUPSUPTIC

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### Structure Notes

Three span steel painted girders. Concrete deck, abutments, pier caps & wearing surface. Steel bent pier shafts.

### Wearing Surface

Concrete wearing surface has minor cracking and delams only. Minor to moderate wear in the wheel path areas.

### Deck

**NBI Item 58:** 6

Areas of minor scaling on the tops of curbs. West joint armor on deck is 3/4" higher than backwall causing minor plow damage to armor. Deck spalling under west joint header with fallen re-steel Interior bays have minor defects only. Bridge rail is in good condition.

### Superstructure

**NBI Item 59:** 7

Approximately 20% paint system distress with minor rusting at exterior girders. Girder ends have previously been painted, but exterior girders should be painted due to paint distress. West bearings are offset due to abutment movement. Exterior west bearings 100% paint failures

### Substructure

**NBI Item 60:** 6

Steel H-pile bents with concrete cap, see U/W Inspection for pile details. Steel H piles have 15% paint loss above the waterline with minor to isolated moderate pitting. Minor cracking of pier caps. Minor cracking and staining of abutments. See underwater reports for details.

### Culvert

**NBI Item 62:** N

### Channel

**NBI Item 61:** 5

13" Exposed footing at the East abutment could use some rip rap.

**Other**

Recent approach pavement and erosion around wings backed up.

**Special Inspection**

**Monitoring**

**Pontis Notes**

Inspector: Carl Edwards  
 Inspection Date: 07/24/2019

Structure Number: 3542  
 Facility Carried: RTE 16

Highway Bridge Inspection Report

Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
12 - Reinforced Concrete Deck	2 - Low	6045	sq. ft.	0	6045	0	0
107 - Steel Open Girder/Beam	2 - Low	975	ft.	927	48	0	0
515 - Steel Protective Coating		975	sq. ft.	0	375	250	350
215 - Reinforced Concrete Abutment	2 - Low	68	ft.	41	27	0	0
225 - Steel Pile	2 - Low	20	each	0	19	1	0
515 - Steel Protective Coating		20	sq. ft.	0	0	20	0
234 - Reinforced Concrete Pier Cap	2 - Low	68	ft.	55	13	0	0
300 - Strip Seal Expansion Joint	2 - Low	34	ft.	0	34	0	0
302 - Compression Joint Seal	2 - Low	34	ft.	34	0	0	0
311 - Movable Bearing	2 - Low	10	each	6	4	0	0
515 - Steel Protective Coating		10	sq. ft.	4	1	3	2
313 - Fixed Bearing	2 - Low	10	each	6	4	0	0
515 - Steel Protective Coating		10	sq. ft.	5	0	3	2
331 - Reinforced Concrete Bridge Railing	2 - Low	312	ft.	312	0	0	0
801 - Beam End	2 - Low	10	each	6	4	0	0
515 - Steel Protective Coating		10	sq. ft.	0	0	10	0
820 - Reinforced Concrete Wall	2 - Low	50	ft.	25	25	0	0
843 - Rigid Wearing Surface	2 - Low	5020	sq. ft.	4016	502	502	0

# Over Limit Report

Bridge #: 3542  
 Bridge Name: CUPSUPTIC  
 Owner: 01 - State Highway Agency  
 Co-Owner: N Not applicable  
 Region: 03 - Western

Town1: Lower Cupsuptic Twp  
 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="CUPSUPTIC 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="CUPSUPTIC 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: 26.0 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	1.31			
Permit Load Ratings			axles	
			axles	
			axles	

# Underwater Dive Inspection Report

**Structure Number:** 3542  
**Town 1:** 17809 - Lower Cupsuptic Twp  
**Division:** Dixfield  
**Location:** 1.5 MI W/LY RANGELY T.L.

**Bridge Name:** CUPSUPTIC  
**Town 2:**  
**DiveID:** 5174

Tidal:

**Tide Information:**  
**Dive Entry Location:** at boat launch  
**Scour:** 8

**Photos:**  
topside

**Comments/Hazards:**  
Debris, boat traffic

**Streambed Description:**  
Soft mud, silt.

**Channel Description:**  
Deep V- channel between piers.

**Substructure Description:**  
195' 3-span, steel beams on concrete abutments and steel H-pile pier bents. 1998: Inspected 2 pier bents consisting of 6 vertical and 4 battered piles per bent. Some rust nodules and minor pitting (up to 1/8") on E'ly pier bent. Westerly pier in better condition with only few nodules. No pitting found. Debris in westerly pier. 2003: The two H-pile piers have a concrete cap. Coating is failing, patches of paint (3" sq.) peeling. 2 H piles turned out of alignment on left pier bent. Water gauge attached to H-pile web.

2007: no change in condition. 1/32" - 1/8" pitting of steel.

2011: No coating on piles. Few minor rust nodules, even layer of rust waterline down. Still square flange edges. Rating remain satisfactory.

2015: Even layer of rust from waterline down. Ratings remain same @ "6".

2019: Even layer of rust. Rust nodules 1/8"-1/4" now. Worst of pitting is 2' below waterline.

**Inspection Team:**

Edwards  
Nelson  
Merrithew  
Sinclair  
Brunelle

**Role:**

TL  
D  
D  
SD  
D

**Dive Conditions:**

Time: Entry: 9:45 AM/PM AM  
Time: Exit: 10:28 AM/PM AM  
Water Temp: 58  
Visibility (ft): 6  
Max Depth (ft): 15  
Current: none  
Weather: sunny  
Underwater Inspection Date: 07/24/2019  
Channel Condition: 6  
Substr/Culvert Condition: 5  
Inspection Cycle: Y60

**Ratings Comments:**

Piles are sound but have minor section loss

Highway Bridge Inspection Report

Pictures

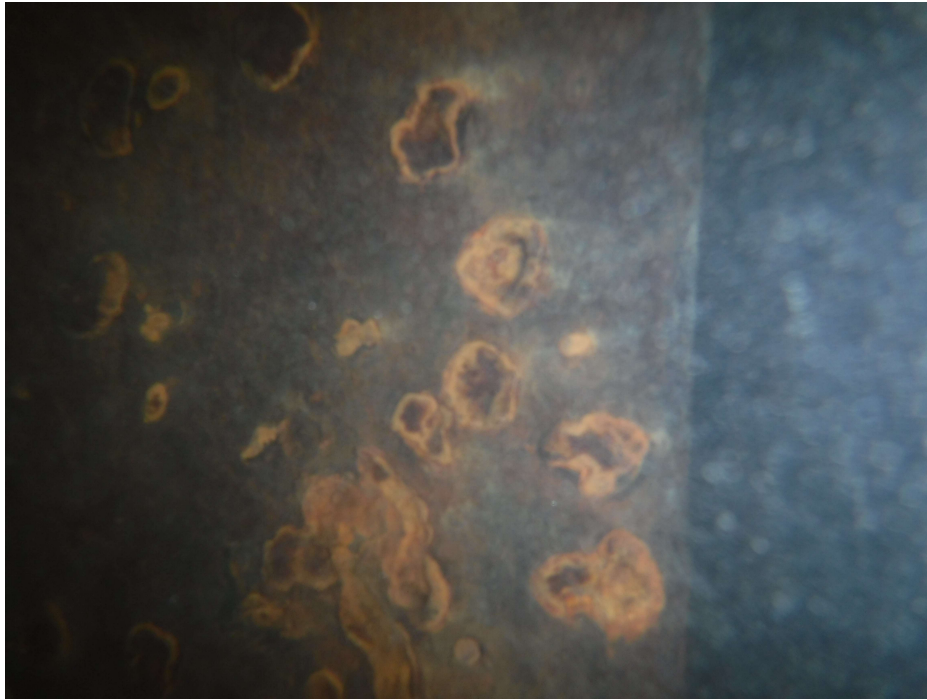


PHOTO 1

Description pitted piles



PHOTO 2

Description deck

Highway Bridge Inspection Report

Pictures



PHOTO 3

Description general view



PHOTO 4

Description piers

Highway Bridge Inspection Report

Pictures



PHOTO 5

Description piles



PHOTO 6

Description girders

Highway Bridge Inspection Report

Pictures



PHOTO 7

Description soffit



PHOTO 8

Description soffit

Highway Bridge Inspection Report

Pictures



PHOTO 9

Description soffit

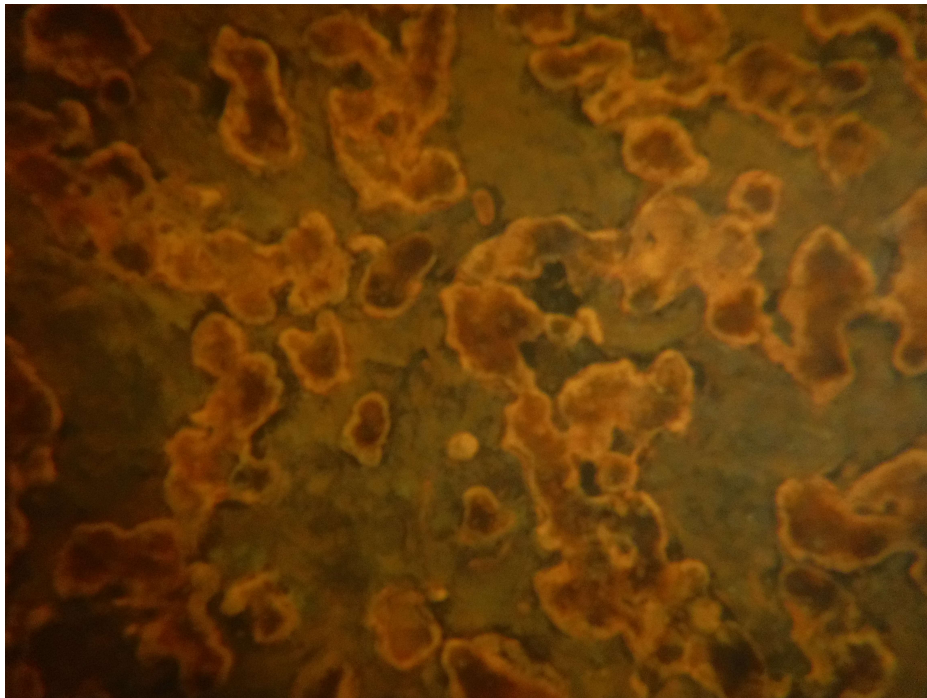


PHOTO 10

Description pitted piles

### Maintenance Work Items

**Structure Number:** 3542

**Structure Name:** CUPSUPTIC

**Town:** 17809

**Owner:** Edwards, Carl

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Type	Work Item	Priority	Notes
Capital	Paint		paint job
Maintenance	Repair Scour		Rip rap east abutment
Maintenance	Reset Bearings		West End, replace anchor bolts
Preservation	Other		Apply Silane
Preservation	Coat Beam Ends		

# MaineDOT NBIS Bridge Safety Inspection JSA

Structure Number: 3542

Inspector: Edwards, Carl

Structure Name: CUPSUPTIC

Team Lead: Carl Edwards

Town: Lower Cupsuptic Twp

Additional Team Members/Visitors:

- |                       |     |
|-----------------------|-----|
| 1.) Tim Merrithew     | 6.) |
| 2.) Brett Nelson      | 7.) |
| 3.) Dave Sinclair     | 8.) |
| 4.) Jeremiah Brunelle | 9.) |
| 5.)                   |     |

Job being performed:

underwater bridge inspection

Potential Hazard:

Exposure to traffic

park at boat launch

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

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

- Vest
- Glasses
- Gloves
- PFD
- Rain Gear
- Bug Spray

Sunscreen

- First Aid
- O2
- AED
- Comm Gear
- Cell Phone
- Boat

Throw Ring

- Throw Rope
- Positioning Device

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 Carl Edwards

# Bridge Components

Bridge #: 3542  
 Bridge Name: CUPSUPTIC  
 Owner: 01 - State Highway Agency  
 Co-Owner: N Not applicable  
 Region: 03 - Western

Town1: Lower Cupsuptic Twp  
 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"/> V Seal <input type="checkbox"/> Watson Bowman <input type="checkbox"/> Hot Rubber <input type="checkbox"/> Pour-in-Place <input type="checkbox"/> DS Brown	<input type="checkbox"/> Finger <input type="checkbox"/> Asphaltic Plug <input type="checkbox"/> Compression <input type="checkbox"/> Modular <input type="checkbox"/> Gland <input type="checkbox"/> Waybo Crete	<input type="checkbox"/> Sliding <input type="checkbox"/> Transflex <input type="checkbox"/> Open	<input type="checkbox"/> Concrete <input type="checkbox"/> Delcrete <input type="checkbox"/> Elastomeric <input type="checkbox"/> LP Concrete <input type="checkbox"/> Phocrete <input type="checkbox"/> Plycrete	<input type="checkbox"/> Curtain <input type="checkbox"/> Troughs <input type="checkbox"/> Armor

## Superstructure

<u>Left Side Rail:</u>			<u>Right Side Rail:</u>		
Material	Concrete	<input type="checkbox"/> Retrofit	Material	Concrete	<input type="checkbox"/> Retrofit
Shape	Rectangular	<input type="checkbox"/> Safety Walk	Shape	Rectangular	<input type="checkbox"/> Safety Walk
Attached To	Curb	<input type="checkbox"/> Pales	Attached To	Curb	<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"/> Pot <input type="checkbox"/> Roller	<input type="checkbox"/> Elastomeric <input type="checkbox"/> Rocker <input type="checkbox"/> Sliding Plate	<input type="checkbox"/> Narrow Cover Plate - Sq End Welded <input type="checkbox"/> Narrow Cover Plate - Sq End w/o Weld <input type="checkbox"/> Wide Cover Plate - Sq End Welded <input type="checkbox"/> Wide Cover Plate - Sq End w/o Weld <input type="checkbox"/> Lateral Connection Plate - Welded
<u>Other:</u>		<input type="checkbox"/> Narrow Cover Plate - Tapered End Welded <input type="checkbox"/> Narrow Cover Plate - Tapered End w/o Weld <input type="checkbox"/> Longitudinal Stiffener - Welded with Radius <input type="checkbox"/> Longitudinal Stiffener - Welded w/o Radius <input type="checkbox"/> Hoan Detail
<input type="checkbox"/> Pin Quantity <input type="checkbox"/> 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

# Bridge Preservation

Bridge #: 3542  
 Bridge Name: CUPSUPTIC  
 Owner: 01 - State Highway Agency  
 Co-Owner: N Not applicable  
 Region: 03 - Western

Town1: Lower Cupsuptic Twp  
 Town2:  
 Maintainer: 01 - State Highway Agency  
 Co-Maintainer: N Not applicable

<p><b>Deck</b></p> <p><u>NBI Deck Information:</u></p> <p>Deck Type      1 - Concrete Cast-in-Place</p> <p>Deck Protection    0 - None</p> <p>Membrane Type    0 - None</p> <p><u>Wearing Surface:</u></p> <p>Type      1 - Monolithic Concrete             (concurrently placed with structural deck)</p> <p>Last Date      1991</p> <p>Lifespan (Yrs) Next Date Est.    1991</p> <p>Mill &amp; Fill Date</p>	<p><b>Common Preservation</b></p> <p><u>Paint Information:</u></p> <p>Type      <input type="checkbox"/> Installed</p> <p>Last Date      <input type="checkbox"/> Detached</p> <p>Lifespan (Yrs)      <input type="checkbox"/> Replace</p> <p>Next Date Est.    0</p>																					
<p><b>Superstructure</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; border: none;"><u>Beam Ends Paint:</u></td> <td style="width: 33%; border: none;"><u>Bearings Paint:</u></td> <td style="width: 33%; border: none;"><u>Bearings Lubrication:</u></td> </tr> <tr> <td style="border: none;">Last Date</td> <td style="border: none;">Last Date</td> <td style="border: none;">Last Date</td> </tr> <tr> <td style="border: none;">Next Date Est.</td> <td style="border: none;">Next Date Est.</td> <td style="border: none;">Next Date Est.</td> </tr> </table> <table style="width: 100%; border: none; margin-top: 10px;"> <tr> <td style="width: 33%; border: none;"><u>Beam Ends Fluid Film:</u></td> <td style="width: 33%; border: none;"><u>Bearings Fluid Film:</u></td> <td style="width: 33%; border: none;"><u>Treatment:</u></td> </tr> <tr> <td style="border: none;">Last Date</td> <td style="border: none;">Last Date</td> <td style="border: none;"><input type="checkbox"/> Core 10</td> </tr> <tr> <td style="border: none;">Next Date Est.</td> <td style="border: none;">Next Date Est.</td> <td style="border: none;"><input type="checkbox"/> Galvanized</td> </tr> <tr> <td></td> <td></td> <td style="border: none;"><input type="checkbox"/> Metalized</td> </tr> </table>	<u>Beam Ends Paint:</u>	<u>Bearings Paint:</u>	<u>Bearings Lubrication:</u>	Last Date	Last Date	Last Date	Next Date Est.	Next Date Est.	Next Date Est.	<u>Beam Ends Fluid Film:</u>	<u>Bearings Fluid Film:</u>	<u>Treatment:</u>	Last Date	Last Date	<input type="checkbox"/> Core 10	Next Date Est.	Next Date Est.	<input type="checkbox"/> Galvanized			<input type="checkbox"/> Metalized	<p><u>Concrete-Silane:</u></p> <p>Last Date</p> <p>Next Date Est.</p> <p><u>Washing:</u></p> <p><input checked="" type="checkbox"/> Required</p> <p><input type="checkbox"/> UBIT</p> <p><u>Concrete-Linseed</u></p> <p>Last Date</p> <p>Next Date Est.</p> <p><input type="checkbox"/> Alkali-Silica reactivity</p>
<u>Beam Ends Paint:</u>	<u>Bearings Paint:</u>	<u>Bearings Lubrication:</u>																				
Last Date	Last Date	Last Date																				
Next Date Est.	Next Date Est.	Next Date Est.																				
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Last Date	Last Date	<input type="checkbox"/> Core 10																				
Next Date Est.	Next Date Est.	<input type="checkbox"/> Galvanized																				
		<input type="checkbox"/> Metalized																				
<p><b>Substructure</b></p>																						
<p><b>General Notes</b></p>																						

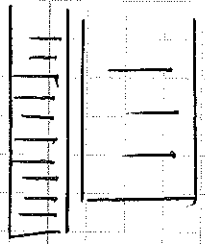
MaineDOT

MaineDOT

3542

LOWER CUPSUP TIC

CUPSUP TIC

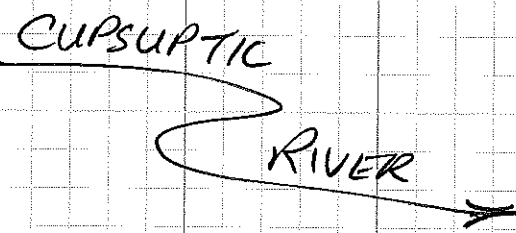
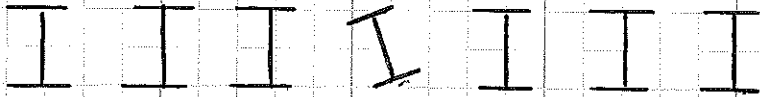


ENTRANCE

\* = WATER DEPTH

\*8'

\*8'



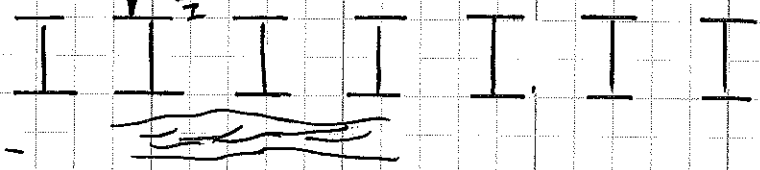
UNSTEAD  
 HAVE BEEN IN  
 FRAMES MAY  
 BE SEEN IN  
 DOWN

\*15'

\*15'

\*10'

\*12'



Rte. 16