

Inspection Type: Routine and Special



## BRIDGE NO. 06296

15350 - CLINTON  
WATERSIDE LANE  
over  
HAMMOCK RIVER

Routine and Special Inspection

10/23/2024

Inspected by: Team 5



Form: Location

Inspection type: Routine,Special

Inspection Date: 10/23/2024

Inspected by: Team 5

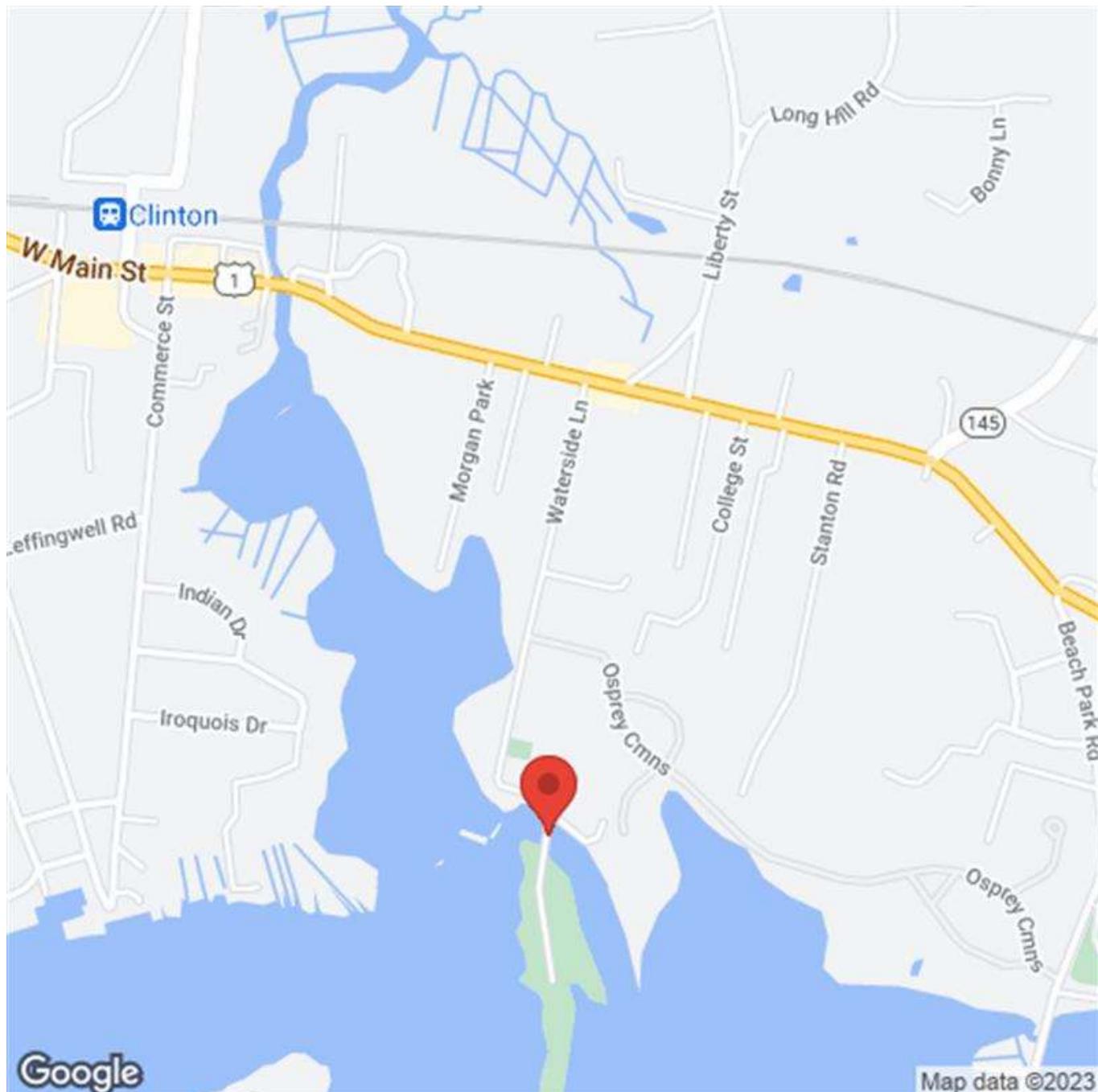
:Bridge No 06296

Town: CLINTON

Carried: WATERSIDE LANE

Crossed: HAMMOCK RIVER

Inventory Route: Non-NHS



Location Map # 1

## STRUCTURE INVENTORY & APPRAISAL

### INSPECTION

Structurally Deficient  Y Functionally Obsolete  NSufficiency Rating  34.5(90) Inspection Date  10/23/2024 (91) Frequency  24Indepth Insp  No Proposed next Indepth Year Deck Survey Date  1/1/1900 Class  01Access  0 - None Flagman  0

	Frequency	Date	Type
Fracture	<input type="text"/>	<input type="text"/>	<input type="text"/>
Underwater	<input type="text"/>	<input type="text"/>	<input type="text"/>
Special	<input type="text"/> 12	<input type="text"/> 10/23/2024	<input type="text"/>

### IDENTIFICATION

Bridge Name  06296Town Code - Name  15350 - CLINTON

(5) Inventory Route

(A) Record Type  1: Route carried "on" the structure(B) Signing Prefix  5 - CITY STREET(C) Level of Service  0 - NONE OF THE BELOW(D) Route Number.  00000(E) Dir Suffix  0 - NOT APPLICABLE(6A) Featured Intersected  HAMMOCK RIVER(6B) Critical Facility Indicator (7) Facility Carried  WATERSIDE LANE(9) Location  0.3 MI S OF US ROUTE 1(11) Mile Post  0.13 Miles(16) Latitude  41 Deg.  16 Min.  13.20 Sec.(17) Longitude  -72 Deg.  31 Min.  10.91 Sec.

(98) Border Bridge

(A) State Code  (B) Percent Responsibility  %(C) Border Town Name (99) Border Bridge Structure No. 

### STRUCTURE TYPE & MATERIALS

(43) Structure Type, Main

A) Material  7 - Wood or TimberB) Design Type  01 - Slab

(44) Structure Type, Approach

A) Material  0 - OtherB) Design Type  00 - Other(45) Number of Spans, Main Unit  002(46) Number of Approach Spans  0000(107) Deck Structure Type  8 - Wood or Timber

(108) Wearing Surface/Protection Systems

A) Type of Wearing Surface  7 - Wood or TimberB) Type of Membrane  0 - NoneC) Type of Deck Protection  9 - Other

Substructure

A) Material B) Design Type 

Paint

Type Year Comment 

### GEOMETRIC DATA

(48) Length of Maximum Span  36 ft.(49) Structure Length  79 ft.

(50) Curb or Sidewalk Widths

A) Left  4 ft.  0 in. B) Right  4 ft.  0 in.(51) Bridge Roadway Width Curb to Curb  12 ft.  0 in.(52) Deck Width, Out to Out  13 ft.  4 in.(32) Approach Roadway Width  17 ft.

(33) Bridge Median

0 - No median

Deck Area

1689 sq. ft.

**AGE AND SERVICE**

Year Built 1994 (106) Year Reconstructed

(34) Skew Angle

00 deg.

**(42) Type of Service**

A) On 5 - Highway-pedestrian

(35) Structure Flared

0 - No flare

B) Under 5 - Waterway

(10) Inv. Rte. Min. Vert. Clearance

99 ft. 99 in.

(47) Inv. Rte. Total Horiz. Clr.

12 ft. 0 in.

**(28) Number of Lanes**

Log Inv. Rte. Total Horiz. Clr.

12 ft. 0 in.

A) On 01 B) Under 00

RLog Inv. Rte. Total Horiz. Clr.

0 ft. 0 in.

(29) Average Daily Traffic 510

(53) Min. Vert. Clearance Over Bridge

99 ft. 99 in.

No

(54) Log-Min. Vert. Underclearance

N ref. 0 ft. 0 in.

(55) Min. Lat Underclearance on Right

N ref. 0 ft. 0 in.

(109) Precent Truck 1 %

(56) Min. Lat Underclearance on Left

0 ft. 0 in.

(30) Years of ADT 2020

(19) Bypass, Detour Length 99 Miles

**CONDITION**

(58) Deck

7

(67) Structural Evaluation 4

(59) Superstructure

6

2

(60) Substructure

4

(69) Underclearances, Vert. &amp; Horiz. N

(61) Channel &amp; Channel Protections

7

(71) Waterway Adequacy 8

(62) Culverts

N

(72) Approach Roadway Alignment 6

(36) Traffic Safety Features

(113) Scour Critical 3

A) Bridge Railings

0

B) Transitions

0

C) Approach Guardrail

0

D) Approach Guardrail Ends

0

**APPRAISALS**

Drainage Basin Waterway

5000 - South Central Shoreline

(112) NBIS Bridge Length Yes

(38) Navigation Control

0 - No navigation control on waterway (bridge permit not required)

(104) Highway System

0 - Structure/Route is NOT on NHS

(39) Navigation Vertical Clearance

0 ft.

(26) Functional Class

19 - Urban - Local

(40) Navigation Horiz. Clr.

0 ft.

(100) Defense Highway

0 - Not a STRAHNET route

(111) Pier/Abutment Navigation

(101) Parallel Structure

N - No parallel structure

(116) Vert-Lift Brg Nav Min

0 ft. 0 in.

(102) Direction of Traffic

3 - One lane brige for 2-way traffic

**COMMENTS**

Bridge to be replaced under Project #0027-0218; FDP=7/29/2026

There are no components that require an In-depth Inspection Waterside Lane - Inventory Log Direction = North to South per CT DOT Dec-2021 Town Road List

**CLASSIFICATION**

(112) NBIS Bridge Length

Yes

(104) Highway System

0 - Structure/Route is NOT on NHS

(26) Functional Class

19 - Urban - Local

(100) Defense Highway

0 - Not a STRAHNET route

(101) Parallel Structure

N - No parallel structure

(102) Direction of Traffic

3 - One lane brige for 2-way traffic

**Form: BRI-19, Rev. 2/15**

**Inspection type:** Routine,Special

**Inspection Date:** 10/23/2024

**Inspected by:** Team 5

**:Bridge No 06296**

**Town:** CLINTON

**Carried:** WATERSIDE LANE

**Crossed:** HAMMOCK RIVER

**Inventory Route:** Non-NHS

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(103) Temporary Structure	T - Temporary structure(s) or condition(s)
(110) Designated National Network	0 - Inventory route not on network
(20) Toll	3 - On Free Road
(21) Maintain	03 - Town or Township Highway Agency
(22) Owner	03 - Town or Township Highway Agency
Report Class	L - LOCAL
(37) Historical Significance	5 - Not eligible for National Register

**POSTED SIGNS**

Other Posted Sign 1	0 - Blank		
Other Posted Sign 2	0 - Blank		
Posted Load Single Unit Truck	Actual 28	Recommended [ ]	tons
Posted Load Semi-Trailer Truck	[ ]	[ ]	tons
Posted Load 4 Axle Truck	[ ]	28	tons
Posted Load 3S2 Truck	[ ]	[ ]	tons
All Vehicles	[ ]	[ ]	tons
Posted Vert. Clearance on Bridge	[ ] ft.	[ ] in.	
Posted Vert. Underclearance	[ ] ft.	[ ] in.	
Posted Speed Limit on Bridge	15	m.p.h.	

**OTHER FEATURES**

Fence Required	No
Fence Present	No
Fence Type	[ ]
Fence Height	0
Fence Material	[ ]
Fence Top Type	[ ]
Barrel Ladders	No
Stand Pipes	No
Catwalks	No
Moveable Inspection System	No
Haunches Present over Roadway	NO
Utilities	2   Water

**PROPOSED IMPROVEMENTS**

(75A) Type of Work Proposed	[ ]
(75B) Work Done By	[ ]
(76) Length of Structure Improvement	[ ] ft.
(94) Bridge Improvement Cost	\$ [ ]
(95) Roadway Improvement Cost	\$ [ ]
(96) Total Project Cost	\$ [ ]
(97) Year of Improvement Estimate	[ ]
(114) Future ADT	758
(115) Year of Future ADT	2040

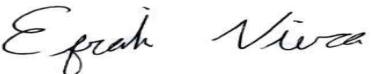
## DOT Bridge Program List No [ ]

Project No	[ ]
Advertised Date	[ ]

**LOAD RATING & POSTING**

(31) Design Load	5 - HS 20
(63) Operating Rating Type	2 - Allowable Stress (AS)
(64) Operating Rating	39
(65) Inventory Rating Type	2 - Allowable Stress (AS)
(66) Inventory Rating	25.8
Evaluation Code	T - Timber Rating
Year of Evaluation	1998
(70) Bridge Posting	4 - 0.1-9.9% below legal loads
(41) Structure Status	P - Posted for Load

**INSPECTOR'S SIGNATURES:**

1)		Date: 12/09/2024	P.E. SIGNATURE:	Date:
2)		Date: 12/23/2024	P.E. #	
3)		Date: 01/14/2025	Reviewed By:	 Ned T. Statchen
4)		Date:		

## FIELD INSPECTION REPORT

Location:	0.3 MI S OF US ROUTE 1	Year Built:	1994	Snooper Required:	<input type="checkbox"/>
Main Material:	7 - Wood or Timber	Year Rebuilt		Snooper Used:	<input type="checkbox"/>
Main Design:	01 - Slab				

**Inspectors:**

Lead Inspector: James Jones

Inspector: Task:

Area,05 BSE - Inspector

Jones,James BSE - Inspector

Statchen,Ned BSE - TE3

Viera,Efrain BSE - Inspector

**Visits:**

Visit Date: Temp: Start Time: End Time:

10/23/2024 66 11:15 AM 01:30 PM

**58. DECK:****TIMBER PANEL DECK**

Bridge Inspection Direction is South to North: Inlet at East; Tidal Flow  
 Two Simple Spans Longitudinal Panelized Nail-Laminated Timber Deck

Overall Rating:  7**Rating**Overlay:  7 The wood deck has been overlaid with bituminous concrete.

There are two bituminous patches with raveling, and in the center of the bridge there is a full width heaved area with some bituminous cracking 45" x 15".

There are a few short transverse and longitudinal hairline cracks in span # 1

There are (2) areas of map cracking 2' x 1' in span # 2.

Deck - Str. Condition:  7 Nail-Laminated Timber Deck Panels - Underside exhibits:

1 - Panel Each Span} 6 ft - 8 in (wide) x 16 in (thick) by 38 ft - 0 in (length)  
 1 - Panel Each Span} 6 ft - 4 in (wide) x 16 in (thick) by 38 ft - 0 in (length)

Surface checking and partial depth splitting open up to 1/2".

Transverse Spreader Beams 6" x 12" Creosote Treated Timber:

Checks and splits open to 1/4" x random lengths.

Previously mentioned, Span 1: (1) anchor bolt head sheared off at first spreader beam on the left side. See note under Girder underside, item 59-3. Can't not been seen, but there is a gap between spreader beam and soffit of wood deck. Note there are two rods installed at this location.

Previously mentioned, Span 2: (2) anchor bolt heads sheared off, (1) on the first spreader beam and (1) on the second spreader beam. Can't be seen but there appears to be no issue when hammer tapped the rods at the underside of spreader beams.

Curbs:  7 8" x 8" Timber curbs exhibit:

Surface checks open up to 1/2" x random lengths.

Median:  NSidewalks:  6 Pressure Treated Timber Planks exhibit:

Surface checking, partial depth splitting and weathering.

Glue Laminate Support Beams exhibit:

Random surface checks and partial depth splits open up to 3/16" random lengths.

The approach sidewalks concrete ramp at the northeast exhibits a 3/16" open longitudinal crack and edge spalling.

Parapet: N

Railing: 6 Timber (bridge) Rails and Posts exhibit:

Vertical posts: 7-1/2" x 7-1/2". Splits typically open up to 3/16" x random lengths.

Horizontal rails (upper): 3-1/2" x 9-3/4". Surface checks open up to 3/16" x random lengths.

Bottom rails (curb): 8" x 8". Random checks open up to 3/16" x random lengths.

Typical weathering of all members.

Southwest end on approach rail: Minor collision damage.

Pedestrian Rails (at sidewalks) - (3) 3" x 8" horizontal Timber rails with a 3" x 9" Timber cap: Random sections of the timber cap are raised up to  $\frac{3}{4}$ ".

Random screws/nails on the cap are backed off up to 1" high.

Previously mentioned, East: (12) railing to post anchor bolts missing and (9) anchor nuts missing. there is only (1) anchor nut missing at the southeast end

West: (1) anchor nut missing from back side. This is the 3rd vertical post from the south end

Timber exhibits minor to moderate checking and partial depth splitting.

Paint: N

Fence: N

Drains: N

Lighting Standard: N

Overall Utility Condition Rating 4 - Poor

Utility Type/Size

2 | Water

Previously mentioned, 2" diameter PVC waterline under the west sidewalk attached to wingwalls. There is water leaking from the 90 degree joint at the north abutment.

Construction Joints: N

Expansion Joint: 6 There are (2) saw cut and sealed joints at pier and (1) each at both abutments. (See Overlay)

Haunches Present over travelway? NO

APPROACH CONDITION:

Overall Rating: 7

**Rating**Approach Slab:  NRelief Joints:  NApproach Guide Rail:  7 Creosote Treated Timber exhibit:

Typical weathering throughout.

Surface checking open up to 3/16" x random lengths.

Approach Pavement:  7 Bituminous approach pavement exhibits:

There is a 2 Sq.ft patch that is depressed up to 1" deep at the north approach near abutment.

Northwest approach void 28" x 12" x 9" - 16" deep.

Approach Embankment:  6 There was an repaired area of erosion with bituminous at the end of WW 2A with the bituminous starting to break up and settle up to 2" at edge of roadway.**Traffic Safety Features**Bridge Railings:  0Transitions:  0Approach Guardrails:  0Approach Guardrail Ends:  0**59. SUPERSTRUCTURE:**

Two Simple Spans Longitudinal Panelized Nail-Laminated Timber Deck..

Overall Rating:  6

{1 - Panel Each Span} 6 feet 8 inches {Wide} by 1 foot 4 inches {Thickness} by 38 feet 00 inches {Length}..

{1 - Panel Each Span} 6 feet 4 inches {Wide} by 1 foot 4 inches {Thickness} by 38 feet 00 inches {Length}..

**Rating**Bearing Devices:  6 Timber Sleeper Caps (bearing beams) 14" x 16":

Creosote treated.

Cantilever ends support sidewalks.

Surface checking and shakes at the ends open to 1/4" x random lengths.

Stringers:  NGirders:  6 Previously mentioned, Nail-Laminated Timber Deck Panels - Topside exhibits: Has been overlaid.

Previously mentioned, Span 1: (1) anchor bolt head sheared off at first spreader beam on the left side. See note below. Can't not been seen, but there is a gap between spreader beam and soffit of wood deck. Note there are two rods installed at this location.

Previously mentioned, Span 2: (2) anchor bolt heads sheared off, (1) on the first spreader beam and (1) on the second spreader beam. Can't be seen but there appears to be no issue when hammer tapped the rods at the underside of spreader beams.

Nail-Laminated Timber Deck Panels - Underside exhibits:

Discoloration surface checking and partial depth splitting open up to 1/2".

	Transverse Spreader Beams 6" x 12" Creosote Treated Timber: Checks and splits open to 1/4" x random lengths.	
	Previously mentioned, Spreader beam # 1 on the west side exhibits non-uniform contact with the deck planking due to the sheared off anchor bolt head on the deck top side. Non uniform contact area is 42" long x 1" high.	
Floor Beams:	N	
Trusses - General:	N	
Trusses - Portals:	N	
Trusses - Bracing:	N	
Paint:	N	
Rust:	N	
Machinery Movable Span:	N	
Rivets & Bolts:	N	
Welds - Cracks:	N	
Timber Decay:	8	
Concrete Cracking:	N	
Collision Damage:	8	
Member Alignment:	7	Previously mentioned, Minor vertical misalignment between panels (up to 1/4"). As built. can't see top but the soffit of the wood deck has no misalignment.
Deflection Under Load:	N	Normal.
Vibration Under Load:	N	Normal.
Stand Pipes:	N	
Catwalks:	N	
Movable Inspection System:	N	
Barrel Ladders:	N	
Are Barrel Ladders OSHA Compliant? <input type="checkbox"/> NA		

**60. SUBSTRUCTURE:**

The abutments and pier are built on steel pipe piles driven during the 1994 reconstruction. sk  
3/23/09

Overall Rating:  4

Substructure lowered to 4 (Poor) at 10/23/2023 Special Insp due to deep deterioration at the abutments and pier - NTS

**Rating**

Abutments - Stem:	4	Abutments {reinforced concrete with a stone facade} exhibit:  Random voids along the bases up to 16" deep x up to 1 sf.  The top 1/3 of stone facing has been re-pointed in the past.  North abutment exhibits bulging stones along lower half of abutment. The northeast and northwest corner has many loose stones that can easily be removed by hand. Has voids due to missing stones up to 10' x 20" x 43" deep.  The south abutment corners have missing mortar and displaced stones. Voids due to missing stones up to 34" x 12" x 36" deep.  Some loose stones that can be removed by hand are found at all substructure locations.
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Abutments - Backwall:	N	
Abutments - Footings:	N	Not visible.
Abutments - Settlement:	6	
Abutments - Wingwalls:	5	<p>Stone masonry veneer wing walls exhibit:</p> <p>Minor cracking in the mortared joints.</p> <p>Voids up to 1 sf along the base lines, can be probed up to 11" deep.</p> <p>WW 1A and WW 2A lower half have been repointed in the past with the upper half mortar only see between stones, mortar doesn't come out flush with stone faces.</p> <p>WW 1B and WW 2B have been repointed with a few small voids and few hairline cracks in mortar. Note both of these wingwalls have a concrete cap.</p> <p>2A behind the timber support shows meandering cracks along masonry joints up to 3/16" indicating some settlement of abutment.</p>
Piers/Bents - Caps:	4	<p>Pier {reinforced concrete} cap exhibits:</p> <p>Isolated hairline cracks.</p>
Piers/Bents - Pile Bent:	N	
Piers/Bents - Columns:	4	<p>Pier {reinforced concrete} with a stone facade exhibits:</p> <p>Northeast corner has large void due to missing stone 6' x 42" x 3' deep. Many stones can be removed by hand along various locations of pier.</p> <p>South face of the pier has 40" x 8" x 24" deep voided area and missing stones at the east end.</p> <p>The northwest corner has a FH x 7/16" open vertical crack which goes through one stone and follows the joint.</p> <p>The north and south sides have an area where the mortar was repointed approximately 1' down from concrete cap and for approximately 2' high with the rest of the faces missing numerous areas of mortar.</p> <p>South side of the pier has a void 30" high x 8" wide x 16" deep.</p>
Piers/Bents - Footings:	N	Not visible.
Piers/Bents - Settlement:	6	See comment under "pier columns".
Erosion - Scour:	6	See above.
Concrete Crack - Spall:	7	See above.
Steel Corrosion:	N	
Paint:	N	
Timber Decay:	N	
Collision Damage:	8	
Debris:	8	

**61. CHANNEL AND CHANNEL PROTECTION:**

HAMMOCK RIVER; Tidal, inspect at low tide

Overall Rating: **Rating**Channel - Scour:  Tidal. Inspect at dead low tide for access to the pier.

Channel appears stable. Channel under structure is comprised of stones and heavy deposits of oyster shells.

Span 2 at mid- span during low tide is over the chest waders 5ft. plus.

Embankment - Erosion: 7 Minor undercutting.

Debris: 8

Vegetation: 8

Channel Change: 7 See Embankment Erosion.

Fender - System: N

Spur Dikes and Jetties: N

Rip Rap: 8

## 62. CULVERTS AND RETAINING WALLS:

Overall Rating:

### Rating

Barrel:

Concrete:

Steel:

Timber:

Headwall:

Cutoff Wall:

Debris:

Retaining Wall System:

Footing:

## LOAD POSTING:

### Rating

Single Unit (Tons): 28  Posted at North approach only (dead end road). .

Semi Trailer (Tons):

4 Axle (Tons):

3S2 (Tons):

All Vechicles:

Advanced Warning: None

Warning At Bridge: Some Approaches

Legibility: Adequate

Visibility: Adequate

## VERTICAL CLEARANCE POSTING

Min. Vert Under Clearance:  Ft  In

Posted Clearance Under Bridge:  Ft  In

Posted Clearance On Bridge:  Ft  In

Advanced Warning: False

Warning At Bridge:

Legibility:

Visibility:

**NOTES / COMMENTS:**

Character of Traffic: Light volume with mixed weights.

Additional Notes:

No bridge Number found

Bridge inspection Direction is south to north. Inspect at the lowest tide.

Bridge Inspected with Chest Waders

Additional Comments:

Bridge to be replaced under Project #0027-0218; FDP=7/29/2026

Maintenance Recommendations:

Replace and Repair the loose, displaced and missing stones in the substructure.

**National Bridge Elements****Inspection type:** Routine,Special**Inspection Date:** 10/23/2024**Inspected by:** Team 5**Town:** CLINTON**Carried:** WATERSIDE LANE**Crossed:** HAMMOCK RIVER**Inventory Route:** Non-NHS

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
<b>31 - Timber Deck</b>	Mod.	1689	sq. ft.	1634	30	25	0
1150 - Check/Shake		55		0	30	25	0
The top of deck has been overlaid with Bituminous Concrete.							
510 - Wearing Surfaces		948	sq. ft.	932	16	0	0
3230 - Effectiveness (Wearing Surface)		16		0	16	0	0
<b>156 - Timber Floor Beam</b>	Mod.	80	ft.	68	12	0	0
Element 156 "Floor Beams" used to cover spreader beams and baring beams {six beams total}							
Defect 1020: a +/- 4' length of spreader beam in span 1 is not in contact with the deck plank due to a missing /sheared off thru bolt.							
1150 - Check/Shake		12		0	12	0	0
<b>213 - Masonry Pier Wall</b>	Mod.	15	ft.	0	2	13	0
Note: The masonry is a stone facade covering a concrete pier.							
1610 - Mortar Breakdown (Masonry)		2		0	2	0	0
1620 - Split/Spall (Masonry)		1		0	0	1	0
1640 - Masonry Displacement		12		0	0	12	0
<b>217 - Masonry Abutment</b>	Mod.	30	ft.	0	18	12	0
The masonry is a stone facade covering concrete abutments.							
1610 - Mortar Breakdown (Masonry)		5		0	5	0	0
1640 - Masonry Displacement		25		0	13	12	0
<b>234 - Reinforced Concrete Pier Cap</b>	Mod.	15	ft.	15	0	0	0
Isolated hairline cracks are <0.012" open and considered insignificant.							
1130 - Cracking (RC and Other)		0		0	0	0	0
<b>332 - Timber Bridge Railing</b>	Mod.	160	ft.	30	130	0	0
1150 - Check/Shake		130		0	130	0	0

## SPECIAL INSPECTION

**Inspectors:**

Lead Inspector:	James Jones
Inspector:	Task:
Area,05	BSE - Inspector
Jones,James	BSE - Inspector
Statchen,Ned	BSE - TE3
Viera,Efrain	BSE - Inspector

**Visits:**

Visit Date:	Temp:	Start Time:	End Time:
10/23/2024	66	11:15 AM	01:30 PM

**Special Inspection Type:**

**Inspection Description:** Substructure (reinforced concrete with stone facade)

Monitor voids at both abutments and pier.

**Feature Inspected:** Substructure deficiencies, at both abutments and pier.

**Inspection Results:**

Abutment # 1  
 Missing stones at southwest corner 24" x 12" x 36" deep.  
 Missing mortar.  
 Mortar cracking

Pier south fascia  
 Voided area 40" x 8" x 24" deep at west end of pier.  
 Missing stone at east end.  
 Full width missing stones and mortar at high tide mark up to 24 inches deep.

Pier north facia  
 Large area of missing stones at east end 6'x 42" x 3' deep. A portion of the area isn't being supported due to voided area.  
 Monitoring points are spray painted for future measurements.  
 Concrete abutment exposed with severe punky concrete.  
 Settlement cracking.

Abutment # 2  
 Large voided area 10' x 20" x 43" deep.  
 Missing and loose stones.  
 Monitoring points are spray painted for future measurements.  
 Concrete abutment exposed behind stone facade with punky concrete abutment

**Action To Be Taken:** Continue to monitor every 12 months. - NTS

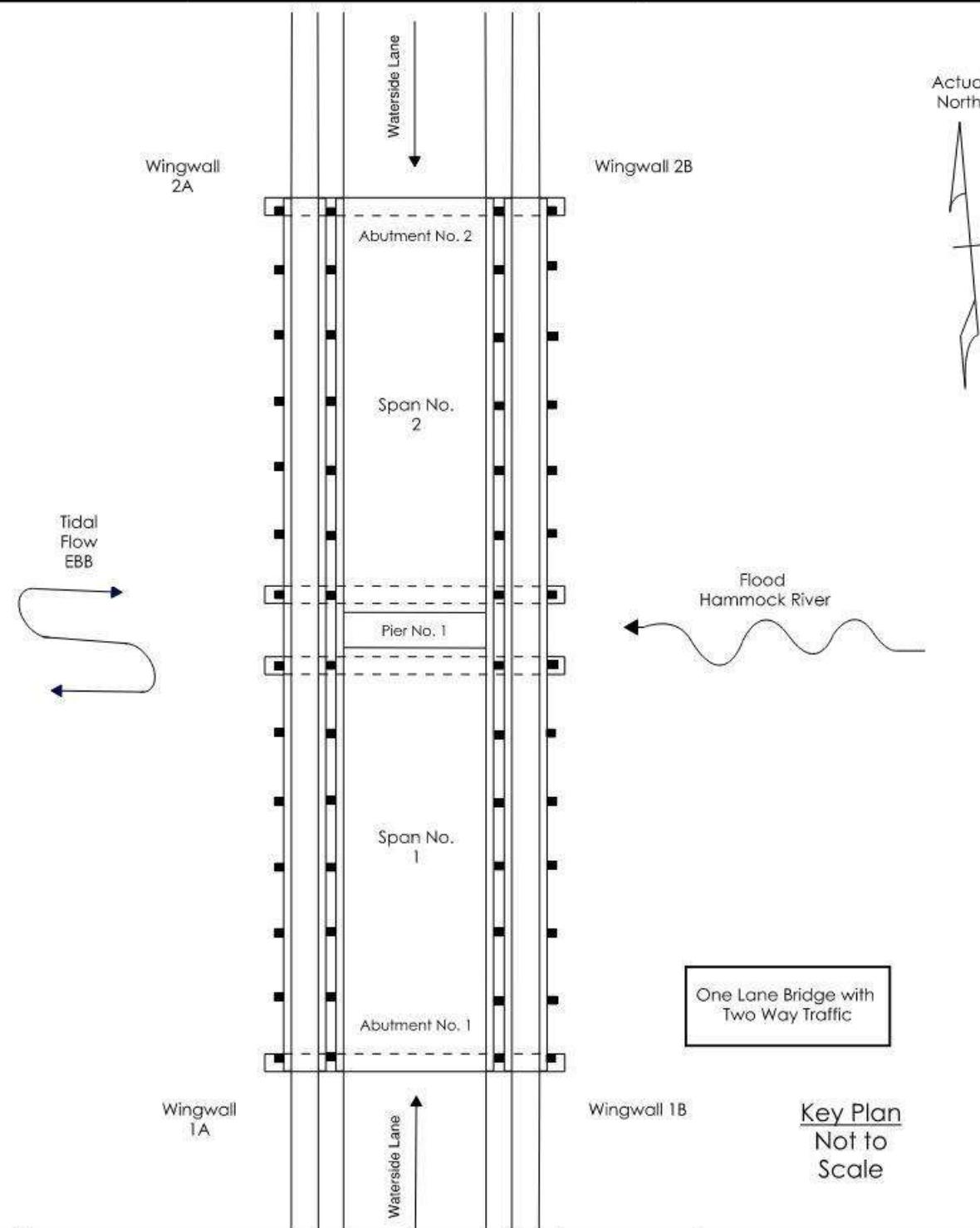
Town was notified by email from BSE Ned Statchen with photos on 11/8/2023 and a follow-up phone call. - NTS

**Sketches****Inspection type:** Routine,Special**Inspection Date:** 10/23/2024**Inspected by:** Team 5**:Bridge No 06296****Town:** CLINTON**Carried:** WATERSIDE LANE**Crossed:** HAMMOCK RIVER**Inventory Route:** Non-NHS

CREW: Team 8

DATE: 9-22-20

BRIDGE NO.: 06296



REVISION DATE: 10/23/24 CREW: Team 5

REVISION DATE: CREW:

REVISION DATE: CREW:

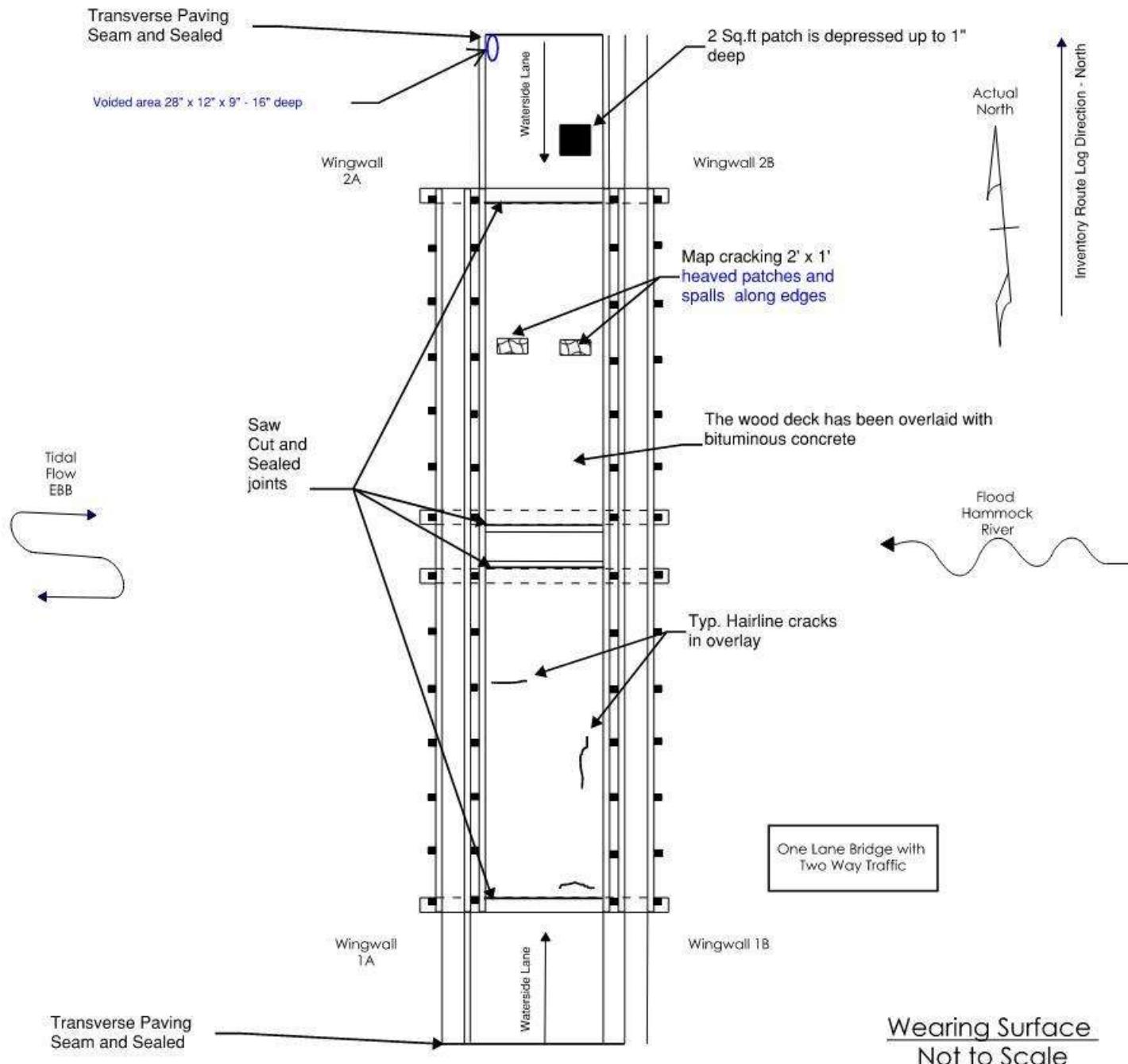
REVISION DATE: CREW:

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CREW: Team 8

DATE: 9-22-20

BRIDGE NO.: 06296



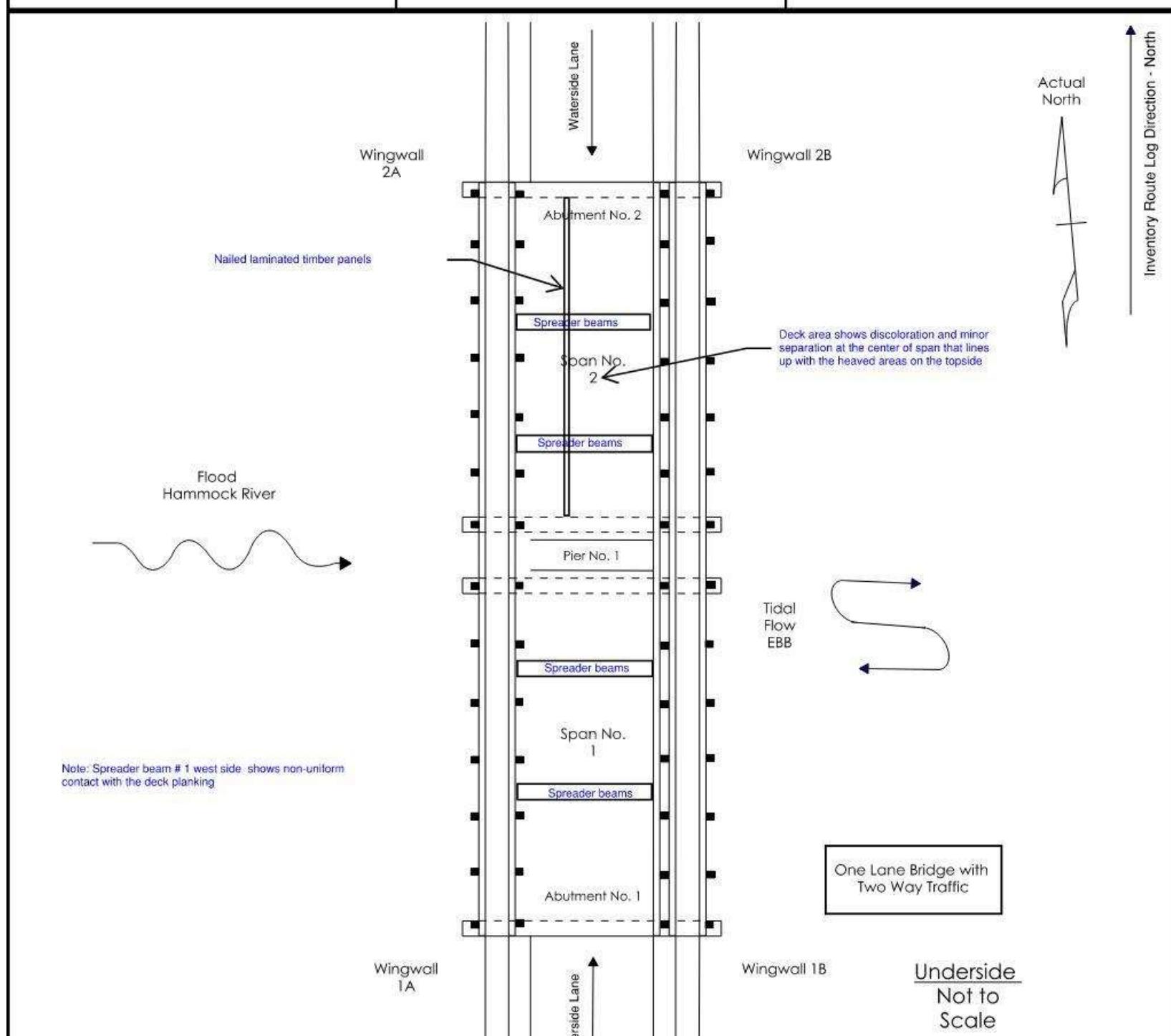
REVISION	DATE: 10/23/24	CREW: Team 5	REVISION	DATE:	CREW:
REVISION	DATE:	CREW:	REVISION	DATE:	CREW:

**Sketches****Inspection type:** Routine,Special**Inspection Date:** 10/23/2024**Inspected by:** Team 5**:Bridge No 06296****Town:** CLINTON**Carried:** WATERSIDE LANE**Crossed:** HAMMOCK RIVER**Inventory Route:** Non-NHS

CREW: Team 8

DATE: 9-22-20

BRIDGE NO.: 06296



REVISION DATE: 10/23/24 CREW: Team 5

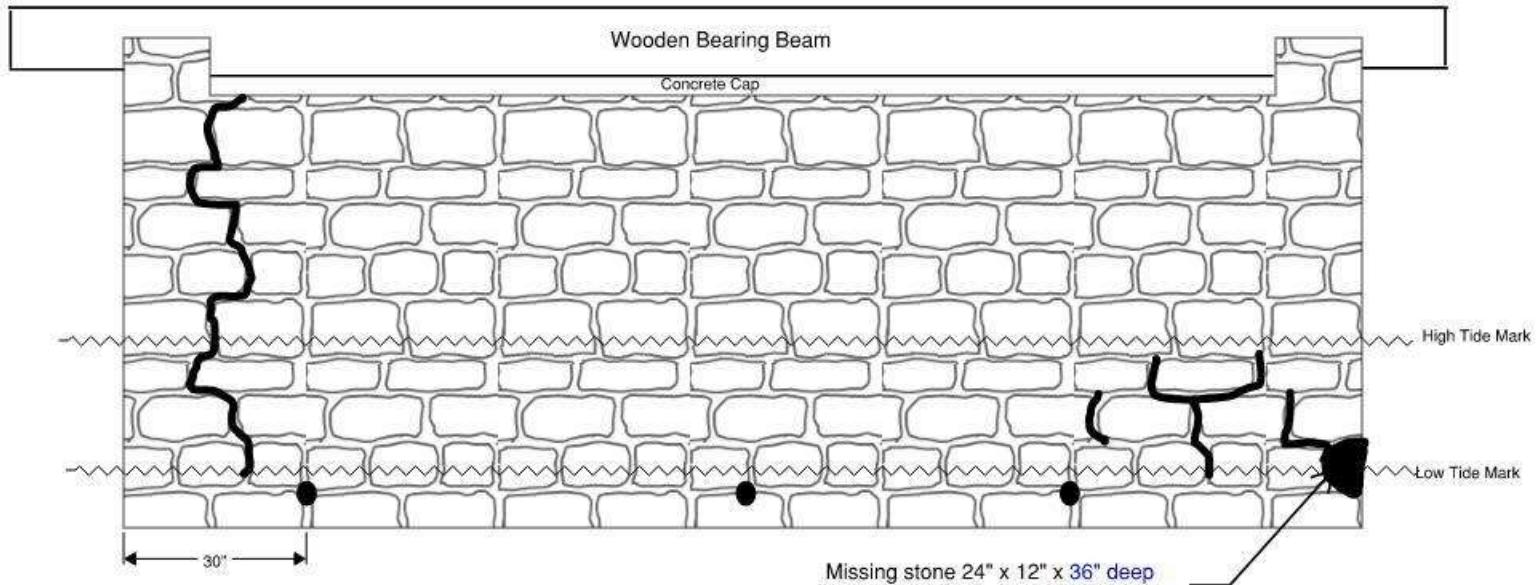
REVISION DATE: CREW:

REVISION DATE: CREW:

REVISION DATE: CREW:

**Sketches****Inspection type:** Routine,Special**:Bridge No 06296****Town:** CLINTON**Inspection Date:** 10/23/2024**Carried:** WATERSIDE LANE**Inspected by:** Team 5**Crossed:** HAMMOCK RIVER**Inventory Route:** Non-NHS

CREW: Team 5	DATE: 11/1/23	BRIDGE NO.: 06296
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General notes: Numerous areas of missing mortar and stones , cracking in joint areas, displacement of stones, bulging areas

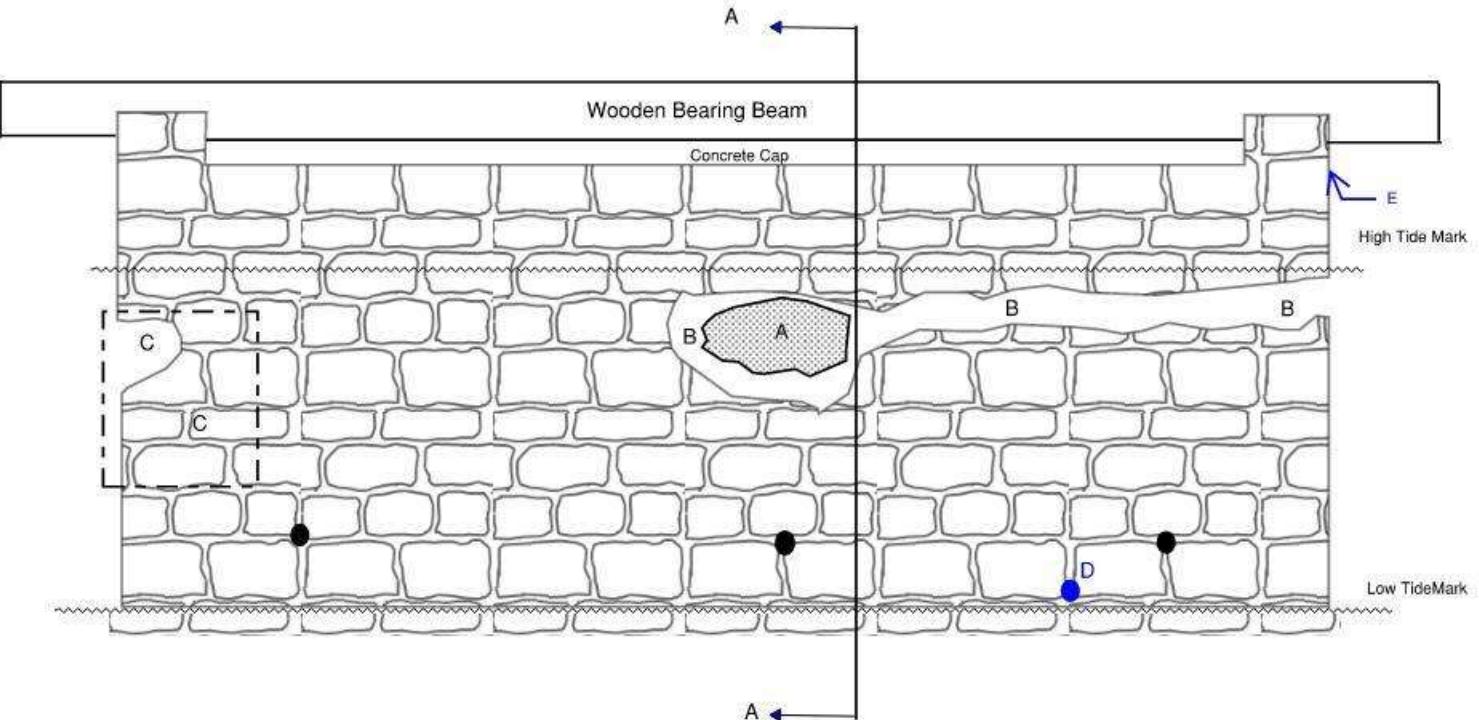
**ABUTMENT # 1(N.T.S)****LEGEND:**

- HOLLOW AREA
- SHALLOW REBAR
- SPALL AREA
- SPALL AREA WITH EXPOSED REBAR
- MACCRACKS
- HAIRLINE CRACKS
- HONEYCOMB AREA
- SCALE AREA
- \* EFFLORESCENCE PRESENT

REVISION:	DATE: 10/23/24	CREW: Team 5	REVISION:	DATE:	CREW:
REVISION:	DATE:	CREW:	REVISION:	DATE:	CREW:

**Sketches****Inspection type:** Routine,Special**:Bridge No 06296****Town:** CLINTON**Inspection Date:** 10/23/2024**Carried:** WATERSIDE LANE**Inspected by:** Team 5**Crossed:** HAMMOCK RIVER**Inventory Route:** Non-NHS

CREW: Team 5	DATE: 11/1/23	BRIDGE NO.: 06296
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A. Remains of concrete abutment with heavy scale and punky concrete

B. Large area of missing stones approximately 10' x 20" x 43" deep. This area continues around into the northeast wingwall approximately 30" x 16". The top coarse of stones in the voided area B is suspended and the lower coarse are loss and moveable.

C. Area of missing, and displaced stones and voided area under concrete abutment

D. Voided area 18" x 12" x 24" deep

E. Northeast wingwall beyond timber support shows meandering cracks along mortar joints up to 2/16" indicating some small settlement of abutment movement to the other side.

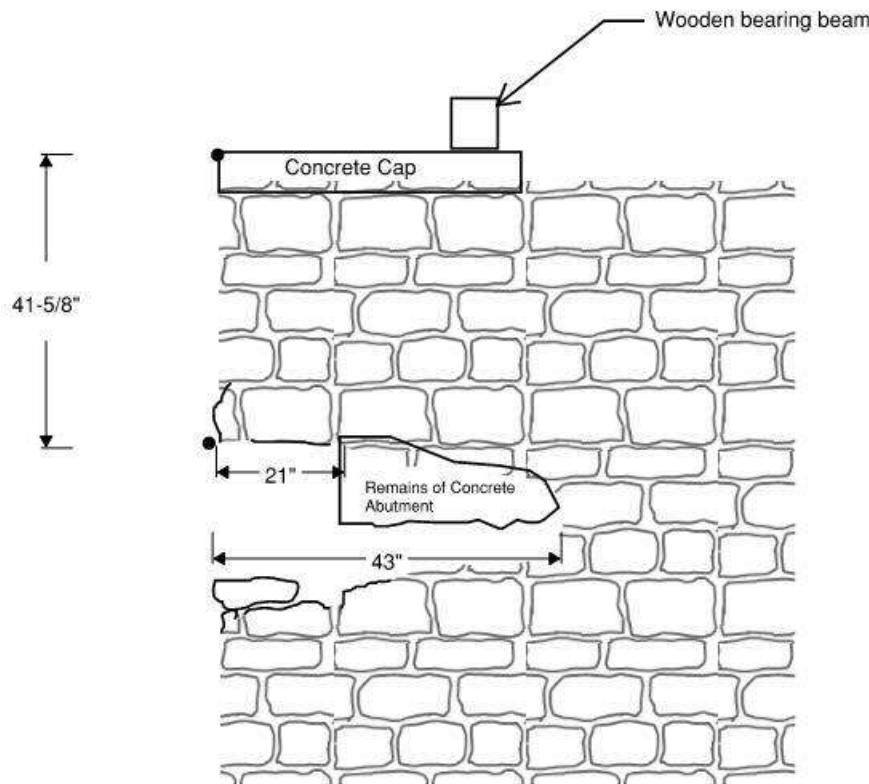
LEGEND:	
	HOLLOW AREA
	SHALLOW REBAR
	SPALL AREA
	SPALL AREA WITH EXPOSED REBAR
	MACCRACKS
	HAIRLINE CRACKS
	HONEYCOMB AREA
	SCALE AREA
	EFFLORESCENCE PRESENT

**ABUTMENT # 2 (N.T.S)**

REVISION:	DATE: 10/23/24	CREW: Team 5	REVISION:	DATE:	CREW:
REVISION:	DATE:	CREW:	REVISION:	DATE:	CREW:

**Sketches****Inspection type:** Routine,Special**:Bridge No 06296****Town:** CLINTON**Inspection Date:** 10/23/2024**Carried:** WATERSIDE LANE**Inspected by:** Team 5**Crossed:** HAMMOCK RIVER**Inventory Route:** Non-NHS

CREW:	Team 5	DATE:	11/1/23	BRIDGE NO.:	06296
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Abutment # 2 & Northeast Wingwall  
Section A-A

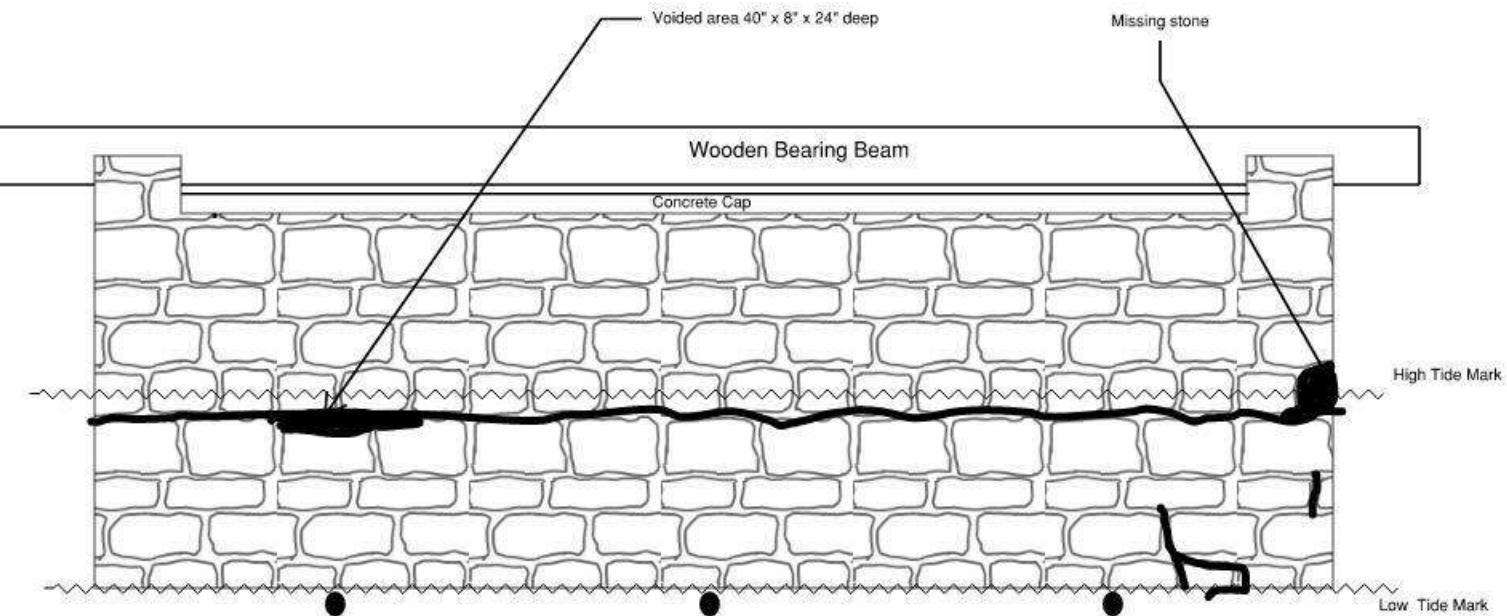
**LEGEND:**

- HOLLOW AREA
- SHALLOW REBAR
- SPALL AREA
- SPALL AREA WITH EXPOSED REBAR
- MACCRACKS
- HAIRLINE CRACKS
- HONEYCOMB AREA
- SCALE AREA
- \* EFFLORESCENCE PRESENT

REVISION	DATE:	10/23/24	CREW:	Team 5	REVISION	DATE:	CREW:
REVISION	DATE:		CREW:		REVISION	DATE:	CREW:

**Sketches****Inspection type:** Routine,Special**:Bridge No 06296****Town:** CLINTON**Inspection Date:** 10/23/2024**Carried:** WATERSIDE LANE**Inspected by:** Team 5**Crossed:** HAMMOCK RIVER**Inventory Route:** Non-NHS

CREW: Team 5	DATE: 11/1/23	BRIDGE NO.: 06296
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General notes: Numerous areas of missing mortar and stones , cracking in joint areas, displacement of stones, bulging areas

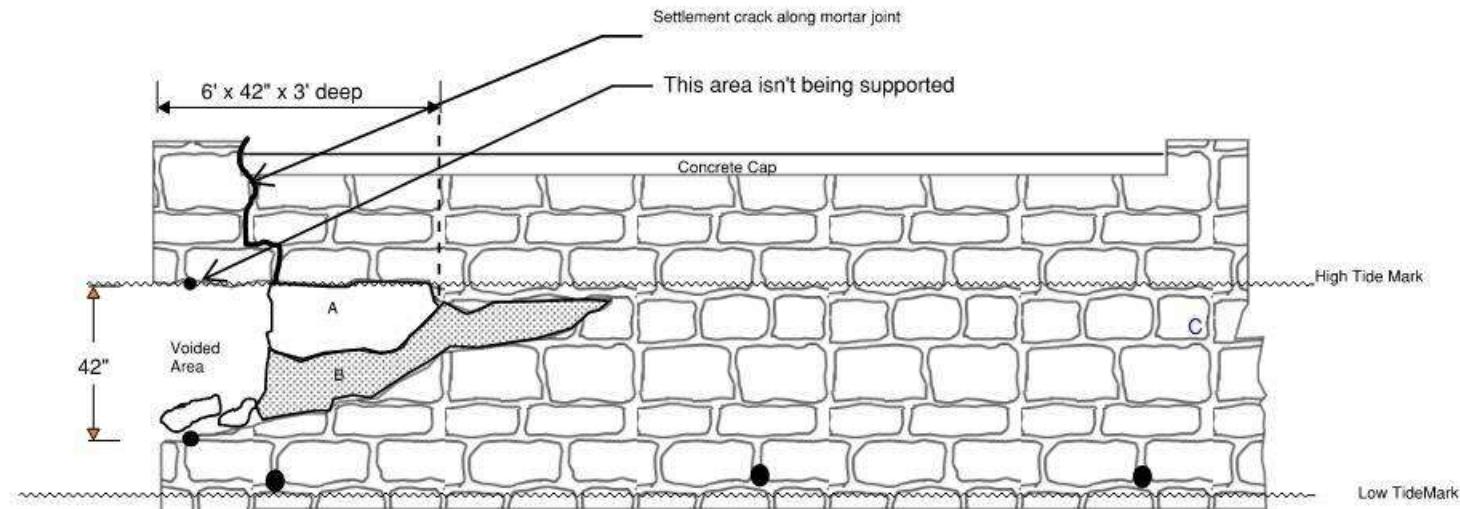
**PIER SOUTHFACE (N.T.S)****LEGEND:**

- HOLLOW AREA
- SHALLOW REBAR
- SPALL AREA
- SPALL AREA WITH EXPOSED REBAR
- MACCRACKS
- HAIRLINE CRACKS
- HONEYCOMB AREA
- SCALE AREA
- \* EFFLORESCENCE PRESENT

REVISION:	DATE: 10/23/24	CREW: Team 5	REVISION:	DATE:	CREW:
REVISION:	DATE:	CREW:	REVISION:	DATE:	CREW:

**Sketches****Inspection type:** Routine,Special**:Bridge No 06296****Town:** CLINTON**Inspection Date:** 10/23/2024**Carried:** WATERSIDE LANE**Inspected by:** Team 5**Crossed:** HAMMOCK RIVER**Inventory Route:** Non-NHS

CREW:	Team 5	DATE:	11/1/23	BRIDGE NO.:	06296
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A. Exposed concrete abutment behind stones facade exhibits sever punky concrete

B. Severe scale and punky concrete on face of the abutment with displaced stones.

C. Voided area 1' x 8'' x 18'' deep

General notes: Numerous areas of missing mortar and stones, cracking in joint areas, displacement of stones, bulging areas

Monitoring points

### PIER NORTHFACE (N.T.S)

**LEGEND:**

- HOLLOW AREA
- SHALLOW REBAR
- SPALL AREA
- SPALL AREA WITH EXPOSED REBAR
- MACCRACKS
- HAIRLINE CRACKS
- HONEYCOMB AREA
- SCALE AREA
- EFFLORESCENCE PRESENT

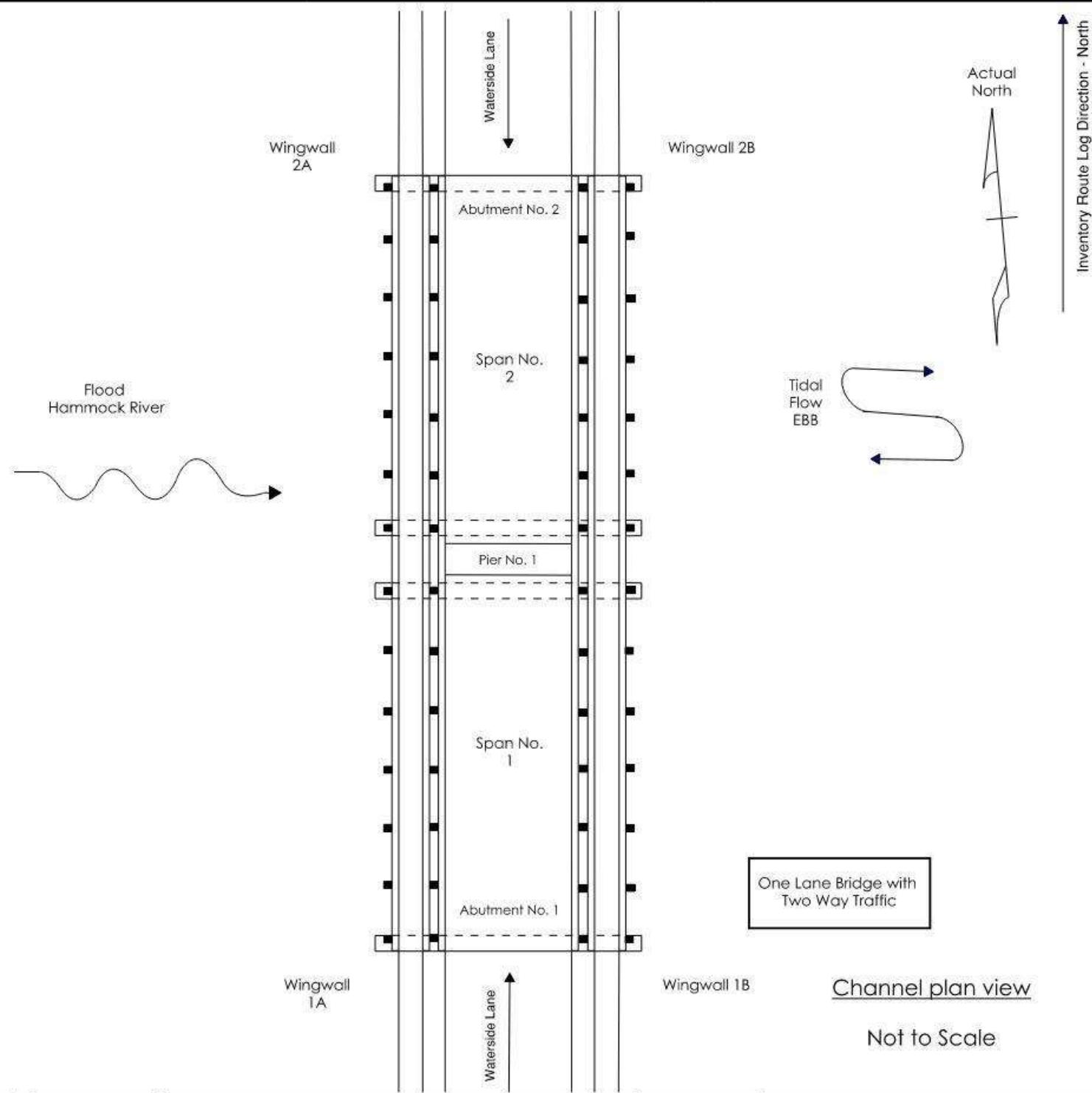
REVISION	DATE:	10/23/24	CREW:	Team 5	REVISION	DATE:	CREW:
REVISION	DATE:		CREW:		REVISION	DATE:	CREW:

**Sketches****Inspection type:** Routine,Special**Inspection Date:** 10/23/2024**Inspected by:** Team 5**:Bridge No 06296****Town:** CLINTON**Carried:** WATERSIDE LANE**Crossed:** HAMMOCK RIVER**Inventory Route:** Non-NHS

CREW: Team 8

DATE: 9-22-20

BRIDGE NO.: 06296



REVISION DATE: 10/23/24 CREW: Team 5

REVISION DATE: CREW:

REVISION DATE: CREW:

REVISION DATE: CREW:

**Form: Asset Photos****Inspection type:** Routine,Special**Inspection Date:** 10/23/2024**Inspected by:** Team 5**Town:** CLINTON**Carried:** WATERSIDE LANE**Crossed:** HAMMOCK RIVER**Inventory Route:** Non-NHS

Photo Number: 1

Photo Taken: 10/23/2024

East elevation



Photo Number: 2

Photo Taken: 10/23/2024

West elevation

**Form: Asset Photos****Inspection type:** Routine,Special**Inspection Date:** 10/23/2024**Inspected by:** Team 5**:Bridge No 06296****Town:** CLINTON**Carried:** WATERSIDE LANE**Crossed:** HAMMOCK RIVER**Inventory Route:** Non-NHS

Photo Number: 3

Photo Taken: 10/23/2024

Looking north



Photo Number: 4

Photo Taken: 10/23/2024

Looking south

**Form: Asset Photos****Inspection type:** Routine,Special**Inspection Date:** 10/23/2024**Inspected by:** Team 5**:Bridge No 06296****Town:** CLINTON**Carried:** WATERSIDE LANE**Crossed:** HAMMOCK RIVER**Inventory Route:** Non-NHS

Photo Number: 5

Photo Taken: 10/23/2024

Multiple heaved up areas (overlay)



Photo Number: 6

Photo Taken: 10/23/2024

Kerf cut joint over abutment 1

**Form: Asset Photos****Inspection type:** Routine,Special**Inspection Date:** 10/23/2024**Inspected by:** Team 5**Town:** CLINTON**Carried:** WATERSIDE LANE**Crossed:** HAMMOCK RIVER**Inventory Route:** Non-NHS

Photo Number: 7

Photo Taken: 10/23/2024

View of timber sidewalk (typical)



Photo Number: 8

Photo Taken: 10/23/2024

Erosion area at northeast corner

**Form: Asset Photos**

**Inspection type:** Routine,Special

**Inspection Date:** 10/23/2024

**Inspected by:** Team 5

**Town:** CLINTON

**Carried:** WATERSIDE LANE

**Crossed:** HAMMOCK RIVER

**Inventory Route:** Non-NHS

**:Bridge No 06296**



Photo Number: 9

Photo Taken: 10/23/2024

Same as previous location (closeup)



Photo Number: 10

Photo Taken: 10/23/2024

General underside (span 2)

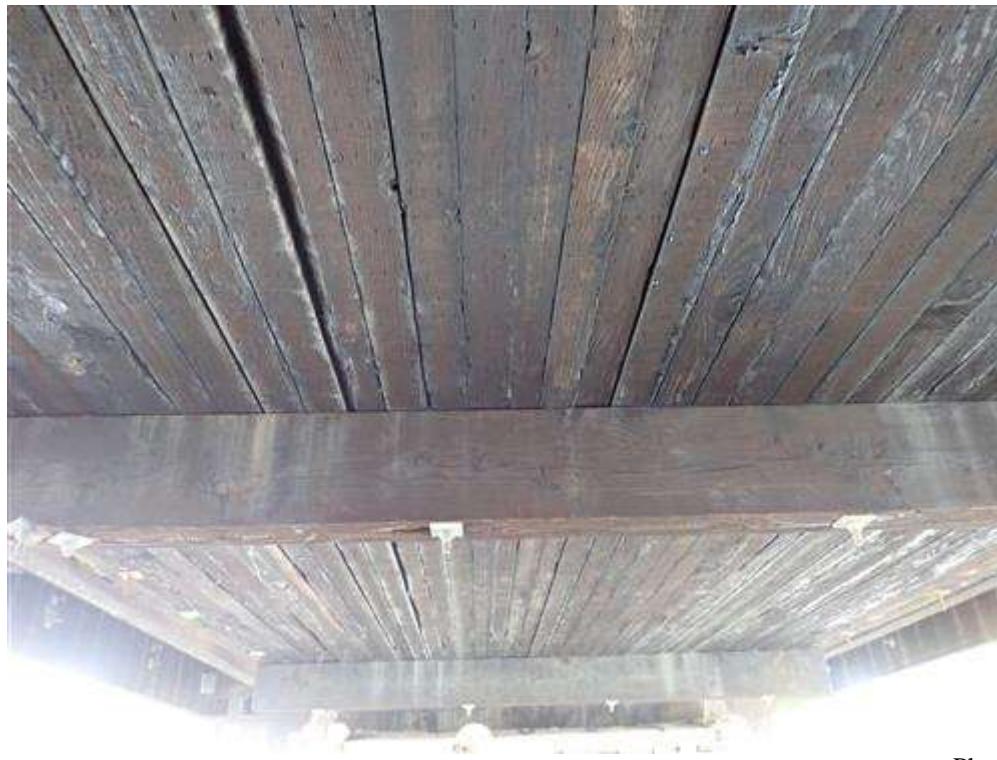
**Form: Asset Photos****Inspection type:** Routine,Special**Inspection Date:** 10/23/2024**Inspected by:** Team 5**:Bridge No 06296****Town:** CLINTON**Carried:** WATERSIDE LANE**Crossed:** HAMMOCK RIVER**Inventory Route:** Non-NHS

Photo Number: 11

Photo Taken: 10/23/2024

General underside (span 1)



Photo Number: 12

Photo Taken: 10/23/2024

Discoloration and beam separation at midspan of span 2

**Form: Asset Photos**

**Inspection type:** Routine,Special

**Inspection Date:** 10/23/2024

**Inspected by:** Team 5

**Town:** CLINTON

**Carried:** WATERSIDE LANE

**Crossed:** HAMMOCK RIVER

**Inventory Route:** Non-NHS



Photo Number: 13

Photo Taken: 10/23/2024

Transverse spreader beam over abutment 2 split on the west end



Photo Number: 14

Photo Taken: 10/23/2024

Abutment 1

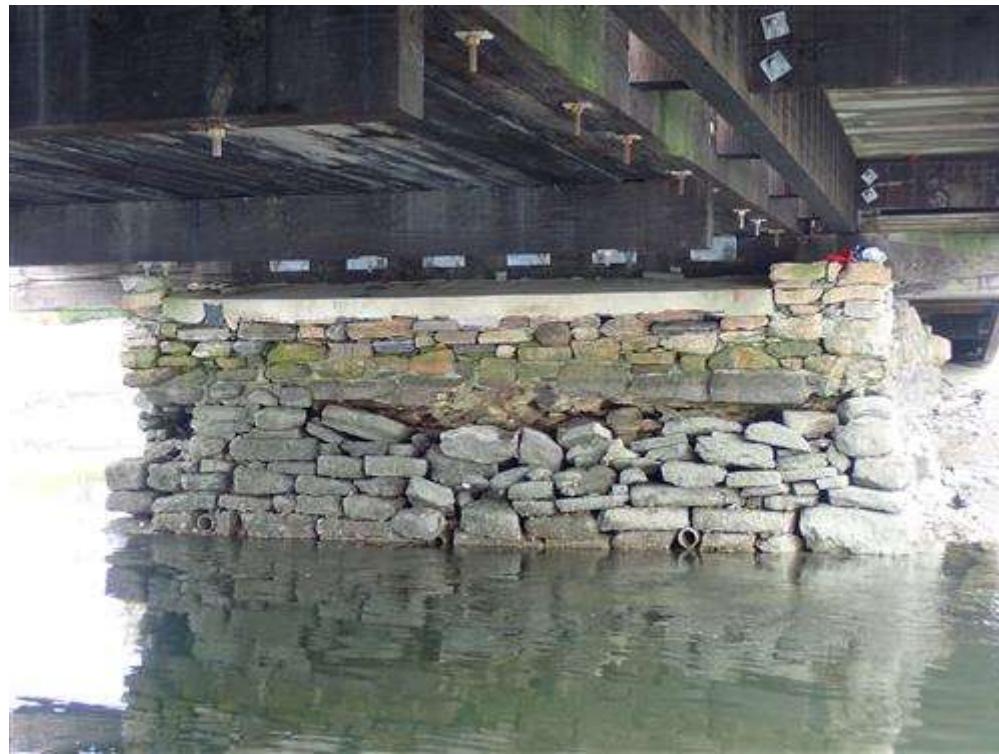
**Form: Asset Photos****Inspection type:** Routine,Special**Inspection Date:** 10/23/2024**Inspected by:** Team 5**Town:** CLINTON**Carried:** WATERSIDE LANE**Crossed:** HAMMOCK RIVER**Inventory Route:** Non-NHS

Photo Number: 15

Photo Taken: 10/23/2024

Abutment 2



Photo Number: 16

Photo Taken: 10/23/2024

Abutment 2 cap at transverse spreader beam (typical)

**Form: Asset Photos****Inspection type:** Routine,Special**Inspection Date:** 10/23/2024**Inspected by:** Team 5**Town:** CLINTON**Carried:** WATERSIDE LANE**Crossed:** HAMMOCK RIVER**Inventory Route:** Non-NHS

Photo Number: 17

Photo Taken: 10/23/2024

Abutment 2 void



Photo Number: 18

Photo Taken: 10/23/2024

Abutment 2 corner void at west end

**Form: Asset Photos****Inspection type:** Routine,Special**Inspection Date:** 10/23/2024**Inspected by:** Team 5**:Bridge No 06296****Town:** CLINTON**Carried:** WATERSIDE LANE**Crossed:** HAMMOCK RIVER**Inventory Route:** Non-NHS

Photo Number: 19

Photo Taken: 10/23/2024

Multiple void areas in abutment 1 (on both sides)



Photo Number: 20

Photo Taken: 10/23/2024

South side of pier

**Form: Asset Photos**

**Inspection type:** Routine,Special

**Inspection Date:** 10/23/2024

**Inspected by:** Team 5

**Town:** CLINTON

**Carried:** WATERSIDE LANE

**Crossed:** HAMMOCK RIVER

**Inventory Route:** Non-NHS



Photo Number: 21

Photo Taken: 10/23/2024

North side of pier



Photo Number: 22

Photo Taken: 10/23/2024

Large void in pier on northeast corner of the pier

**Form: Asset Photos****Inspection type:** Routine,Special**Inspection Date:** 10/23/2024**Inspected by:** Team 5**:Bridge No 06296****Town:** CLINTON**Carried:** WATERSIDE LANE**Crossed:** HAMMOCK RIVER**Inventory Route:** Non-NHS

Photo Number: 23



Photo Taken: 10/23/2024

Same as previous location



Photo Number: 24

Photo Taken: 10/23/2024

Same as previous location

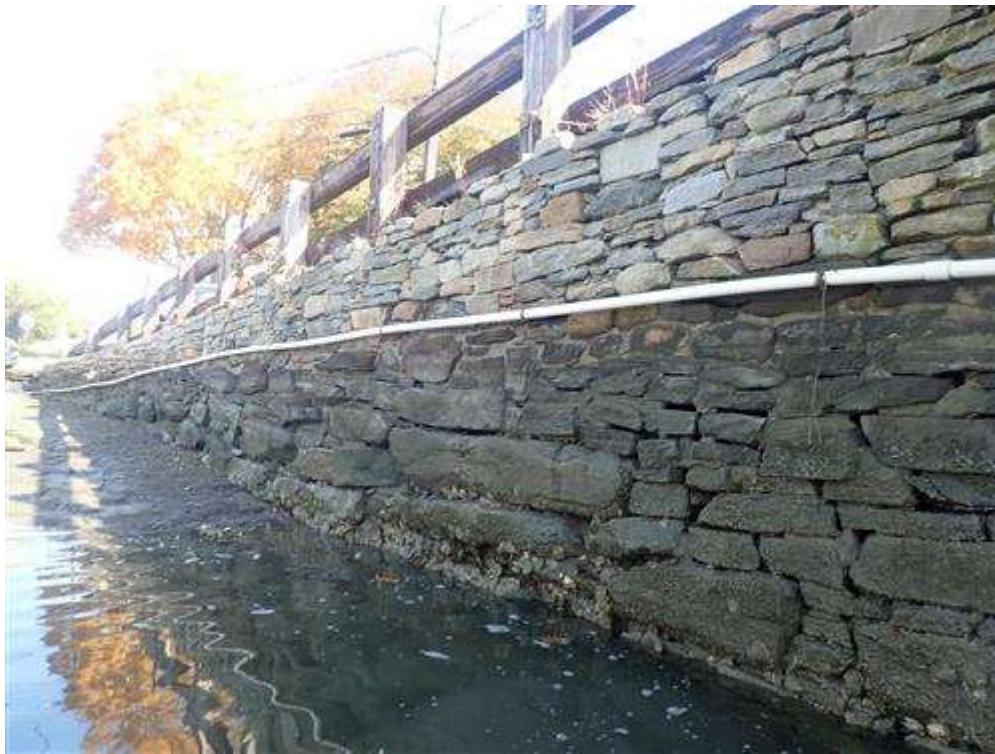
**Form: Asset Photos****Inspection type:** Routine,Special**Inspection Date:** 10/23/2024**Inspected by:** Team 5**Town:** CLINTON**Carried:** WATERSIDE LANE**Crossed:** HAMMOCK RIVER**Inventory Route:** Non-NHS

Photo Number: 25

Photo Taken: 10/23/2024

Wingwall 2A (northwest)



Photo Number: 26

Photo Taken: 10/23/2024

Settlement crack at wingwall 2B (northeast) meandering.

**Form: Asset Photos****Inspection type:** Routine,Special**Inspection Date:** 10/23/2024**Inspected by:** Team 5**:Bridge No 06296****Town:** CLINTON**Carried:** WATERSIDE LANE**Crossed:** HAMMOCK RIVER**Inventory Route:** Non-NHS

Photo Number: 27

Photo Taken: 10/23/2024

Same as previous location



Photo Number: 28

Photo Taken: 10/23/2024

Looking towards long island sound (downstream - ebb side)

**Form: Asset Photos**

**Inspection type:** Routine,Special

**Inspection Date:** 10/23/2024

**Inspected by:** Team 5

**Town:** CLINTON

**Carried:** WATERSIDE LANE

**Crossed:** HAMMOCK RIVER

**Inventory Route:** Non-NHS



Photo Number: 29

Photo Taken: 10/23/2024

Upstream

Affected Area : Create Report Section.  
Section Name : Table of Contents  
Section Type : TOC  
Detailed Message : This application will be terminated because it was  
built without a license for SectionReport.