

BRIDGE NO.04805

78600 - VOLUNTOWN
FORGE HILL ROAD
over
PACHAUG RIVER

Incident Inspection

1/10/2022

Inspected by: Team 4



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Form: Location
Inspection type: Incident
Inspection Date: 1/10/2022
Inspected by: Team 4

:Bridge No 04805

Town: VOLUNTOWN
Carried: FORGE HILL ROAD
Crossed: PACHAUG RIVER
Inventory Route: Non-NHS



Location Map # 1

Form: BRI-24, Rev. 1/14
Inspection type: Incident
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INCIDENT REPORT

<u>Inspectors:</u>		<u>Visits:</u>			
Lead Inspector:	Michael Holdridge	Visit Date:	Temp:	Start Time:	End Time:
Inspector:	Task:	01/10/2022	27	08:10 AM	09:00 AM
Freeman Jr., William	BSE - TE3				
Holdridge, Michael	BSE - Inspector				
LaLima, Zachary	BSE - Inspector				

Date of 01/09/2022

Time of

Type of Investigation:	Structure Hit	Bridge Person Notified:	Dave Esposito		
Investigation Initiated By:		In:	Bridge Maintenance		
From:	Highway Operations	Method Notified:	Phone		
		Date Notified:	01/09/2022		
		Time Notified:	8:30	PM	

Number of Spans: 001

Year Built: 1920

Maintained By: 03

Posted For

Load:

Height:

Single Unit Truck: Tons

Semi-Trailer Truck: Tons

4 Axle Truck: Tons

3S2 Truck: Tons

All Vehicles: Tons

Posted Vert. Clearance on Bridge: ft. in.

Posted Vert. Underclearance: ft. in.

Description of Condition:

Collision damage to the southbound bridge rail/rail base/attachment and minor substructure spall.

-Top rail torn off (±15½ linear feet)

-Bridge rail southbound leading end post twisted and bent.

-16 in. x 13 in. x up to 4 in. deep spall with exposed steel to the rail base.

-15 in. x 10 in. x 2 n. deep hollow area on WW 2A cap spalled off.

Immediate Actions Taken:

Bridge closed by Town at the time of the inspection.

First Selectman contacted (1-10-22 email & phone) with State recommendations:

-repair bridge rail and attachment system.

-alternating one-way traffic on bridge with stop signs on both sides of the bridge.

-replace structure due to collision damage and previous superstructure condition.

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*If Applicable: Work Item No.:
D No.:

Priority:
Submit Maintenance 14 form

Comments:

Case# CFS 2200-12647

The latest Load Rating in 2019 is a judgement rating due to the nonexistent construction plans. If no plans can be located the procedure for an accurate calculated load rating would be a costly procedure. Therefore at this time with a project initiation in the works and the alternating one-way traffic on the bridge a new load rating will not be performed.

FOLLOW UP TO INITIATOR:

Warranted:

Method:

Date:

By whom:

In:

Comments:



William Freeman Jr.

Date: 01/11/2022

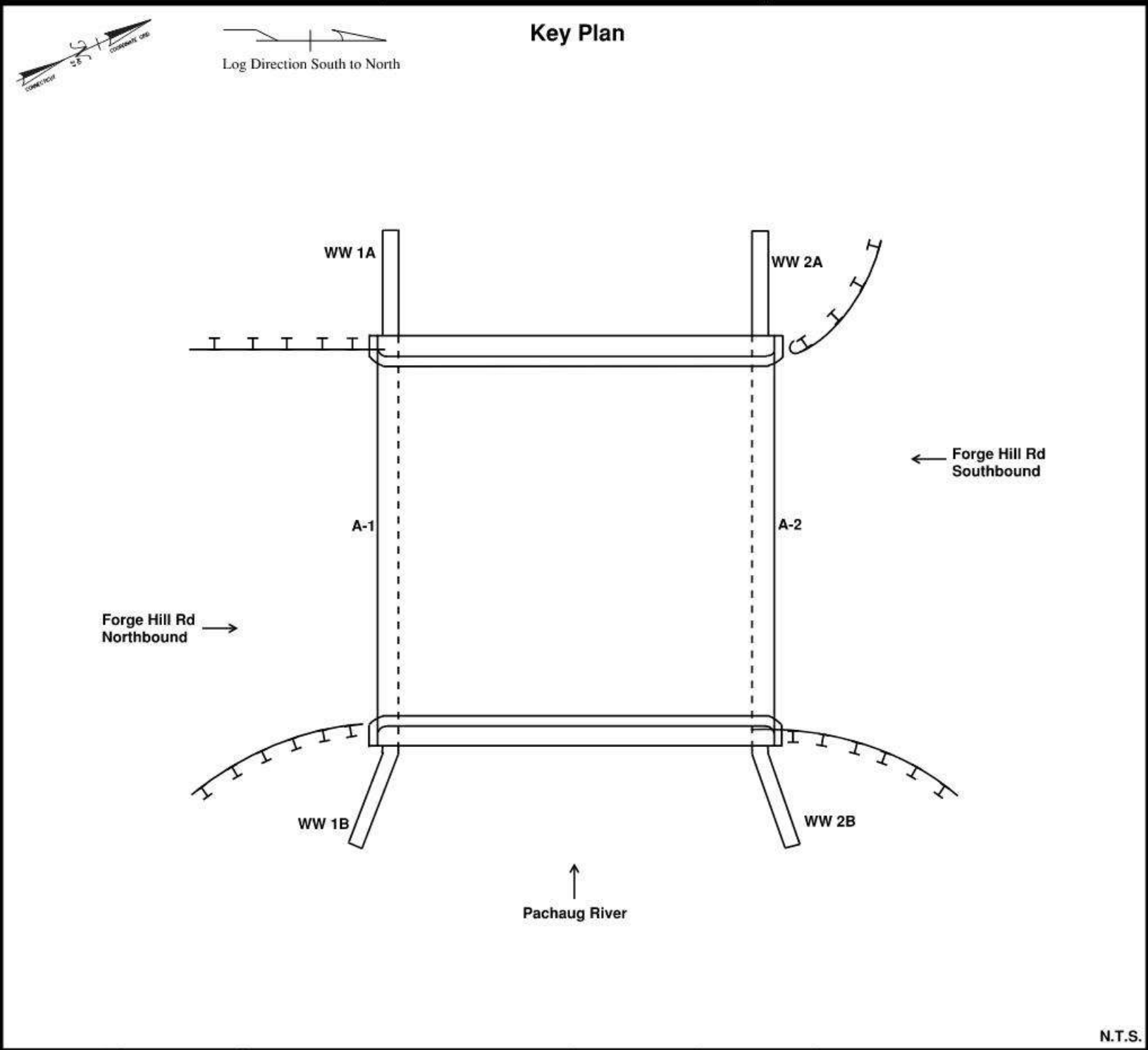
Sketches

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CREW:	Team 4	DATE:	08/01/2018	BRIDGE NO.:	04805
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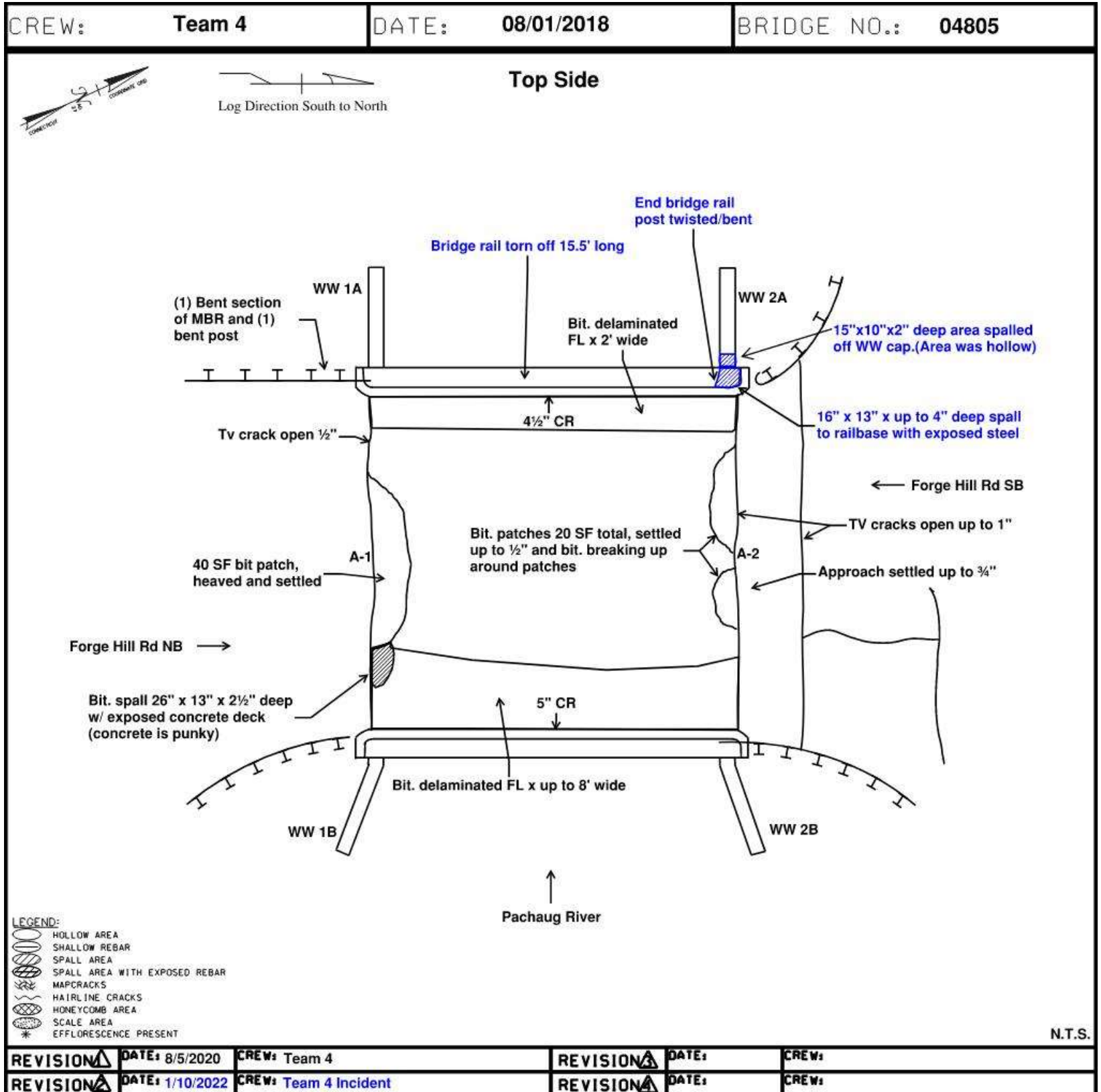
REVISION	DATE	CREW	REVISION	DATE	CREW
REVISION	DATE	CREW	REVISION	DATE	CREW

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Form: Asset Photos
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Photo Number: 1

Photo Taken: 01/10/2022

Bridge ID.



Photo Number: 2

Photo Taken: 01/10/2022

Road closed sign on Forged Hill Road at the south approach.

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Photo Number: 3

Photo Taken: 01/10/2022

View southbound.



Photo Number: 4

Photo Taken: 01/10/2022

View northbound.

Form: Asset Photos

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Photo Number: 5

Photo Taken: 01/10/2022

Southbound railbase.



Photo Number: 6

Photo Taken: 01/10/2022

Southbound leading end, bridge rail twisted/bent and railbase spalled from collision damage.

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Photo Number: 7

Photo Taken: 01/10/2022

Inlet elevation.



Photo Number: 8

Photo Taken: 01/10/2022

Outlet elevation.