

Inspector: Lane,Chris
Inspection Date: 04/17/2025

Structure Number: 0256
Facility Carried: VARNEY MILL RD

Highway Bridge Inspection Report

Inspection Type(s): Routine

Bridge Name: VARNEY MILL

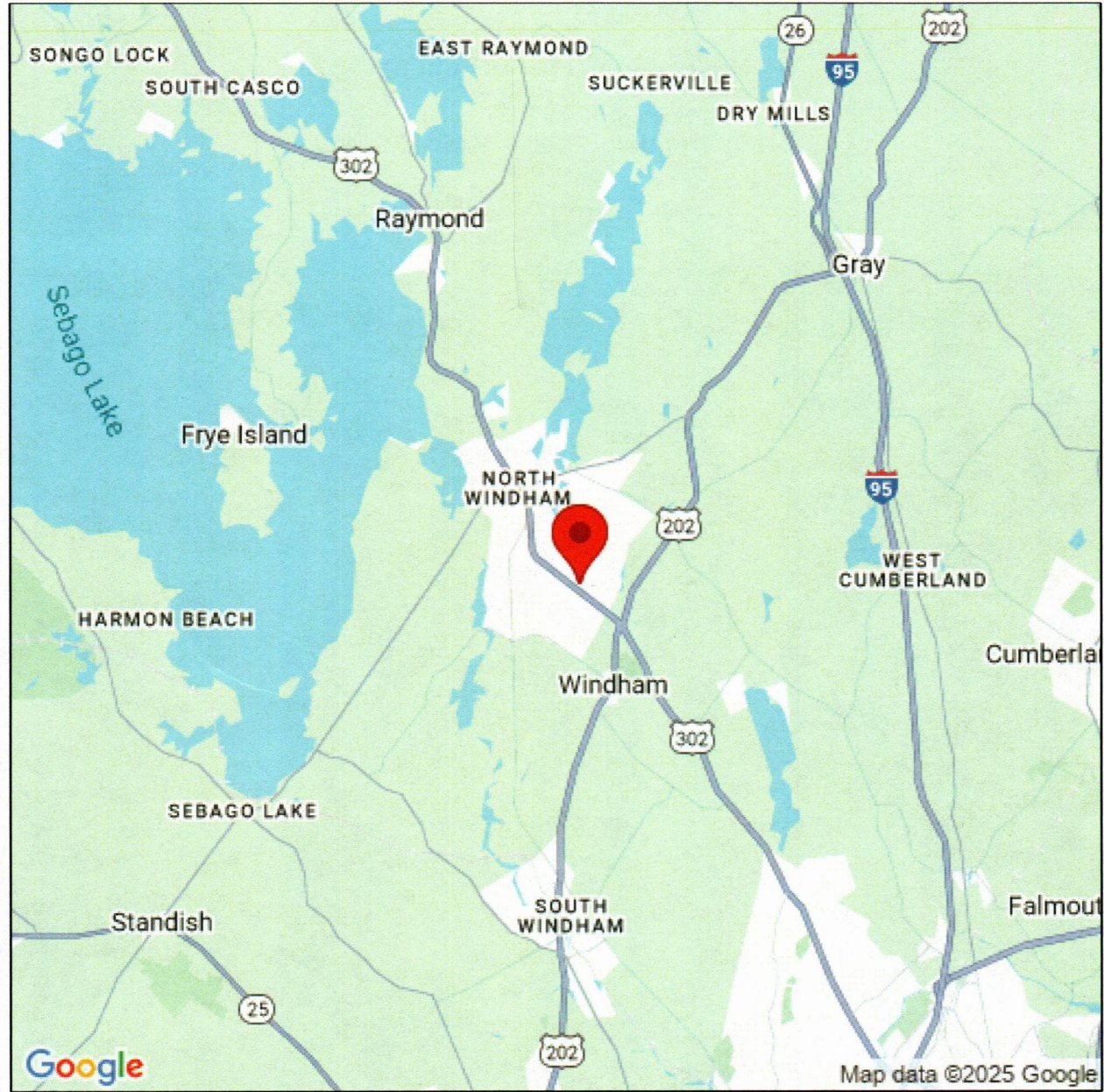
Town: Windham



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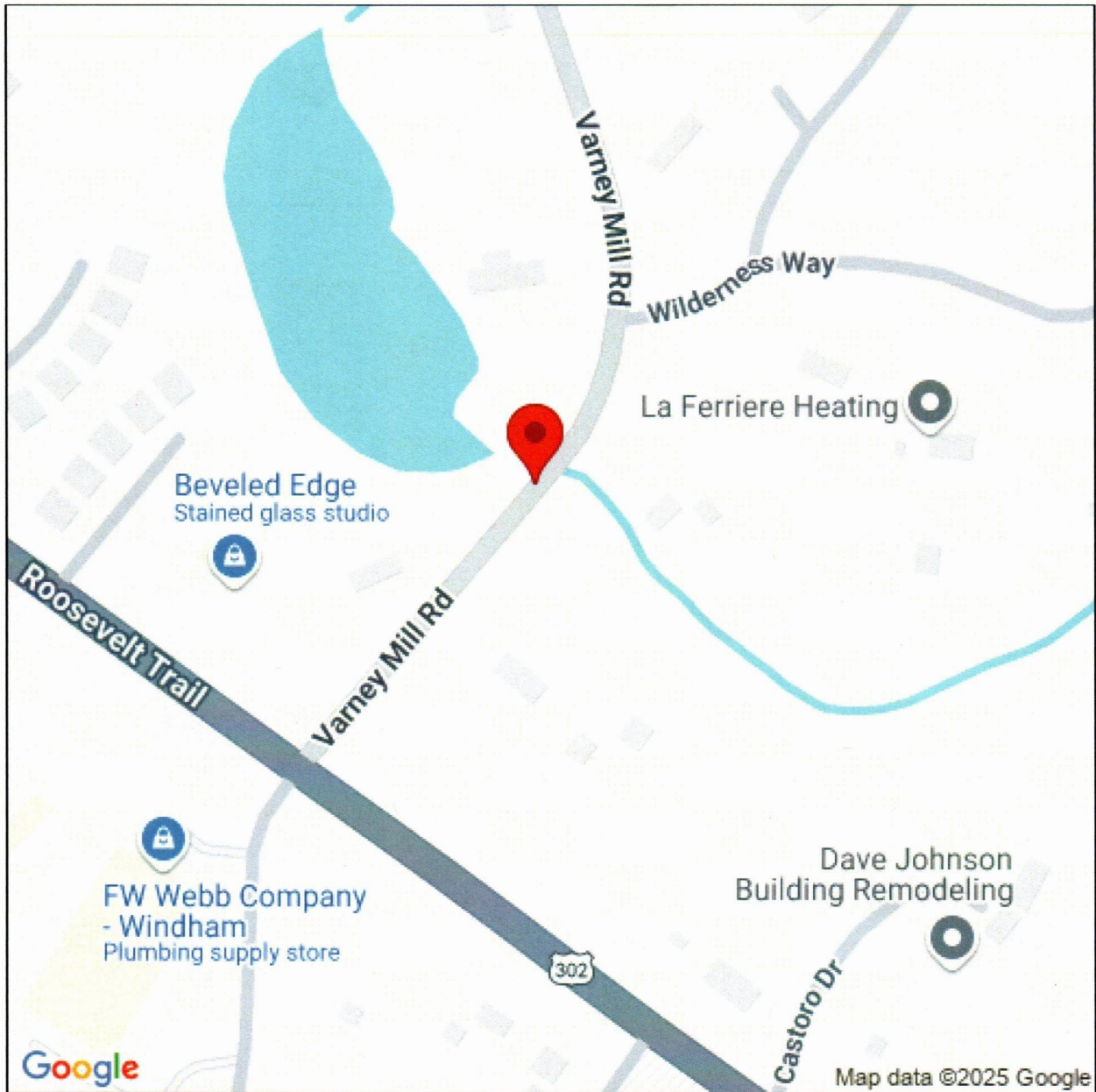
Latitude: 43.81228

Longitude: -70.41899

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Inspection Notes

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Town: Windham

Structure Name: VARNEY MILL

Structure Notes

1995 Single span concrete rigid frame on concrete abutments with a dam approx. 30' upstream. WIN 004793.00

Wearing Surface

Bituminous wearing surface is in good condition.

Deck

NBI Item 58: 7

Curbs have scattered minor hairline cracking.
Bridge rails have scattered areas of scraping with surface corrosion and minor impact damage.

Superstructure

NBI Item 59: 7

Scattered hairline cracking and discoloration in the last 5 feet of the underside of the slab below the DS fascia.
No other defects found in top of box.

Substructure

NBI Item 60: 7

Footing visible throughout entire structure unable to full wade do to flow of water from dam upstream.
Scattered full height hairline vertical cracks on both abutments and footings.
One area of shallow spalling and dark staining on the top of the west end of south abutments footing.
Minor scaling throughout footings.

Culvert

NBI Item 62: N

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Channel

NBI Item 61: 7

Dam directly upstream of structure.
Ledge and rocks throughout.
Scour hole at inlet doesn't effect structure footings.

Other

Approach rails have moderate flattening and scattered minor impact damage.
One gabion basket on the SE wall has been damaged and missing most of its rocks. Ends of broken gabion basket wires look cut.
All Gabon baskets have bulging at the bottoms.
Isolated moderate impact damage in approach rails.

Special Inspection

Monitoring

Pontis Notes

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Pictures



PHOTO 1

Description General roadway looking north



PHOTO 2

Description Downstream side east

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PHOTO 3

Description Upstream end west



PHOTO 4

Description Bottom of slab looking DS east

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PHOTO 5

Description Bottom of slab looking upstream west

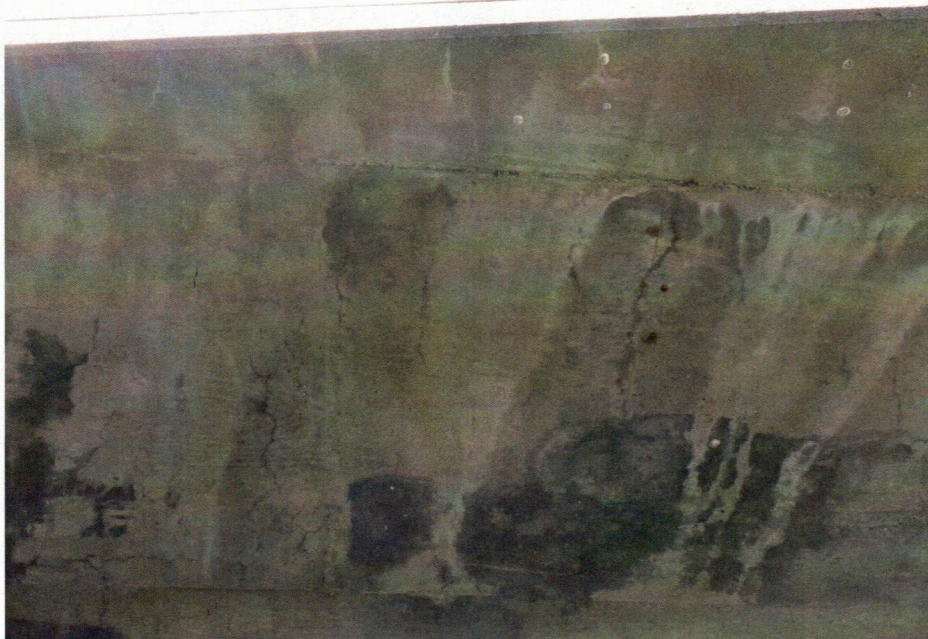


PHOTO 6

Description Bottom of slab below DS fascia

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Highway Bridge Inspection Report

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PHOTO 7

Description South abutment looking upstream west



PHOTO 8

Description Multiple full ht cracks in both abutments

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PHOTO 9

Description Multiple full ht vertical cracks in both abutments



PHOTO 10

Description North abutment looking upstream west

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PHOTO 11

Description DS end of north abutment



PHOTO 12

Description Spalling in US end of south footing

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PHOTO 13

Description NW WW



PHOTO 14

Description SW retaining wall

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PHOTO 15

Description SW gabion basket



PHOTO 16

Description SE gabion basket failure

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PHOTO 17

Description NE gabion basket and wingwall



PHOTO 18

Description Bituminous wearing surface

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PHOTO 19

Description West bridge rail



PHOTO 20

Description East bridge rail

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PHOTO 21

Description Transition rail NW corner



PHOTO 22

Description Flattened right approach rail headed south

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PHOTO 23

Description Flattened right approach rail headed north



PHOTO 24

Description Scour hole at inlet (2)

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PHOTO 25

Description Downstream channel looking east



PHOTO 26

Description Upstream channel west