



TOWN OF WAITSFIELD

INVITATION TO BID - EXTENDED REPAIRS TO BIG EDDY COVERED BRIDGE

The Town of Waitsfield is seeking bids from qualified contractors to seal the spaces within and at each end of the 1833 Historic Covered Bridge (CB 4), also known as the Big Eddy Covered Bridge located on Bridge Street in Waitsfield Village, that were created following the installation of a new pedestrian sidewalk in 2015.

Project Description

The Big Eddy Covered Bridge is the oldest operating covered bridge in the state of Vermont. It was built in 1833 and is an excellent example of the Burr truss style. It is on the National Register for Historic Places and is an iconic structure in the Town of Waitsfield.

A cantilevered sidewalk on the downstream (north) was replaced with the metal-framed free-standing pedestrian bridge on new abutments in 2015. This resulted in unanticipated gaps between the pedestrian bridge and the vehicular travelway and at each end of the structure (see attached photos).

In the summer months, the bridge is a popular attraction for residents and visitors and people routinely climb all over the bridge to jump into the Mad River. This activity is not authorized or condoned by the Town; however, it has been impossible to control. These gaps pose a serious concern as children and others are likely to be attracted to climb through them to access the metal structure of the pedestrian bridge for jumping into the river or other purposes. The objective of this project is seal these gaps to inhibit this activity to the greatest extent possible while in keeping with the historic and aesthetic qualities of the bridge.

Scope of Work

The scope of work includes the following specifications:

- Build knee wall inside the bridge matching the height of the covered walkway wall. This would be done from within the pedestrian bridge by carefully removing a few boards at a time, installing a section of the new knee wall, and putting the original boards back in the same manner as removed.
- Attach two nailers, similar to the ones on the upstream (south) side, with rust-proof screws.
- Close gaps at each end between the pedestrian bridge and main bridge.
- Materials:
 - Spruce 2" x 6" nailers.
 - 1" x 8" rough side shiplap pine.
 - 1" x 10" spruce approximate width cap to be flush with the covered walkway railing cap.
 - Rust-proof screws.
 - Lumber to match the existing siding: eastern white pine, common premium grade.
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- Vehicular traffic is expected to remain open.
- Snow fencing to be returned to Town upon its removal from the bridge.

- Contractor is to provide appropriate signage.
- Please provide a proposed schedule indicating anticipated start date and duration of the project.
- Architect Bob Burley proposed an alternative configuration for sealing the gaps at the end. See attached sketch. The Town supports this alternative. It will require a horizontal component at the bottom to obstruct the gap.
- The historic bridge moves as vehicles pass through; the pedestrian bridge does not, so the new wall work must remain separated from the existing pedestrian bridge components.
- Electricity is available at the site.
- Attached are sheets 7 and 10 from the construction plans with dimensional details.

Insurance

General Liability Insurance. The selected contractor will be required to provide a current and valid Certificate of Insurance showing proof of the contractor's liability coverage and naming the Town as an additional insured.

Non-Employee Work Agreement. The selected contractor will be required to provide evidence of workers' compensation coverage insurance unless the contractor is exempt and is willing to sign a Hold Harmless form prior to starting the job.

Bid

Lump sum bids will be accepted until **12:00 noon, Thursday, August 18, 2016** at the Waitsfield Town Office, 9 Bridge Street, Waitsfield, Vermont 05673, Attn. Valerie Capels or by e-mail at townadmin@gmavt.net. The envelope or e-mail subject line should indicate "Covered Bridge Gap Repair." Bids are expected to be reviewed at the August 8, 2016 Selectboard meeting and notice of award to follow shortly thereafter. Waitsfield is an equal opportunity employer.

Questions should be directed to Town Administrator Valerie Capels at (802) 496-2218 ext. 14 or townadmin@gmavt.net or to Road Commissioner Charlie Goodman at (802) 349-6084 or cg3@goodmanconstructionvt.com



Figure 1. Gaps on west end, 11/17/2015.



Figure 2. Gaps and temporary repair on east end, 11/272015.

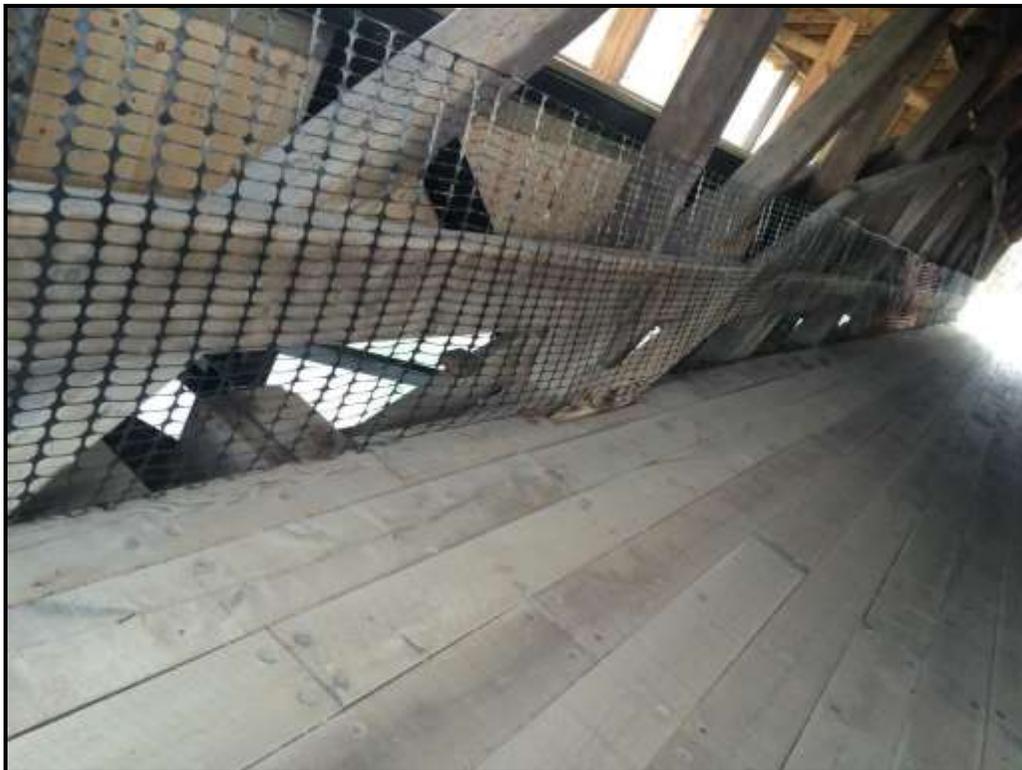


Figure 3. Gaps and temporary inside the bridge (sorry about the tilt), 11/272015.



Figure 3. Temporary repair to block gap on west end, 11/17/2015.

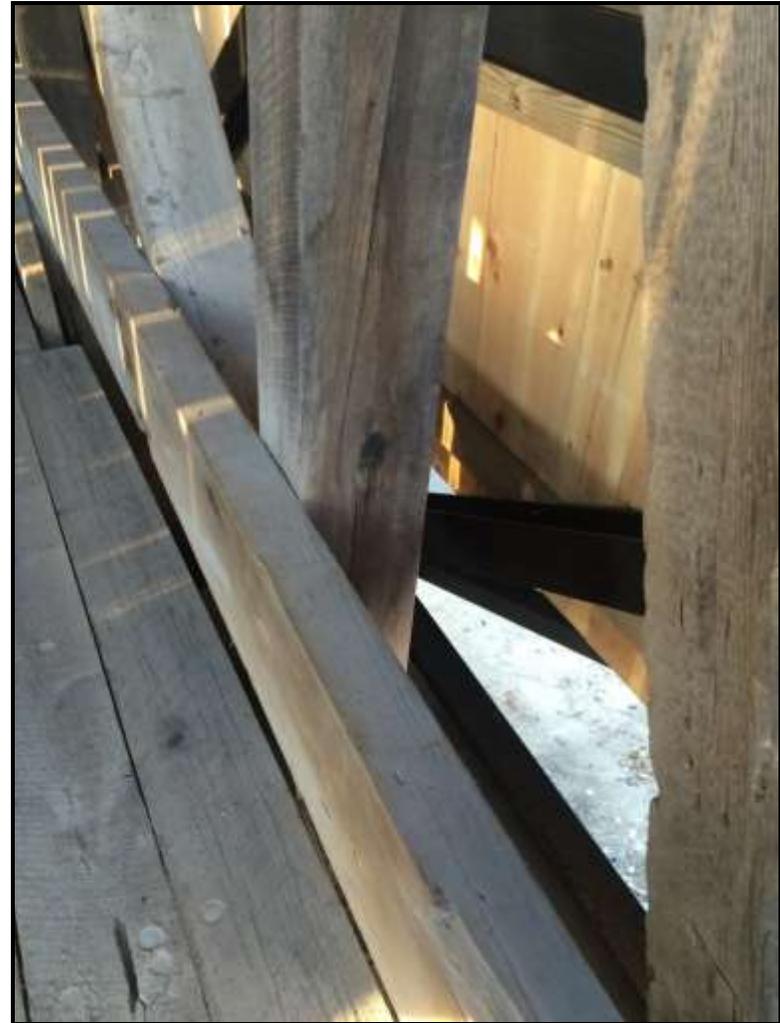
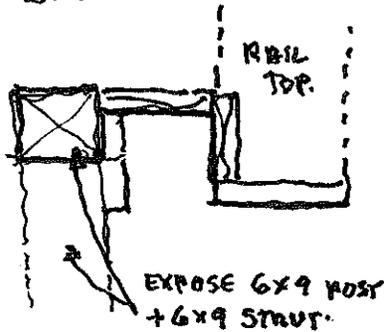
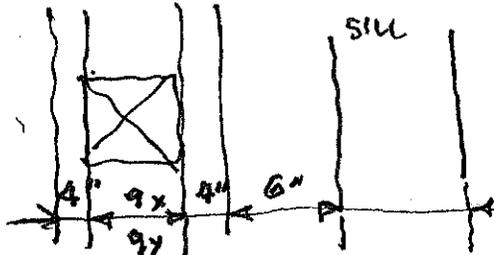
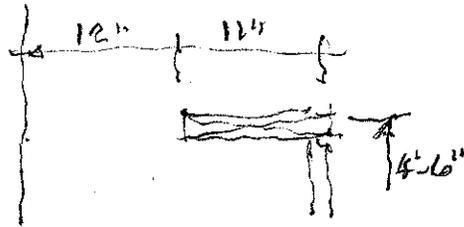


Figure 4. Gaps inside bridge, 11/27/2015.



Sketch by architect Bob Burley of west end gap repair alternative recessing the barrier so to not cover the historic covered bridge post details. This would require some form of stable flooring or base to fill the downward gap such that it would not give way when anyone (child or adult) steps on it.

FINAL PLANS

NO.	DATE	DESCRIPTION	BY
1	9/22/15	NEW WALL	EPD
2	8/10/15	NORTHEAST WALL UPDATE	PCB
3	7/31/15	WALL UPDATES	PCB
4			CKD

TOWN OF
 WAITSFIELD
 9 BRIDGE STREET
 WAITSFIELD, VT

VILLAGE COVERED
 BRIDGE REHAB. &
 BRIDGE STREET
 STORMWATER
 IMPROVEMENTS

SHEET TITLE

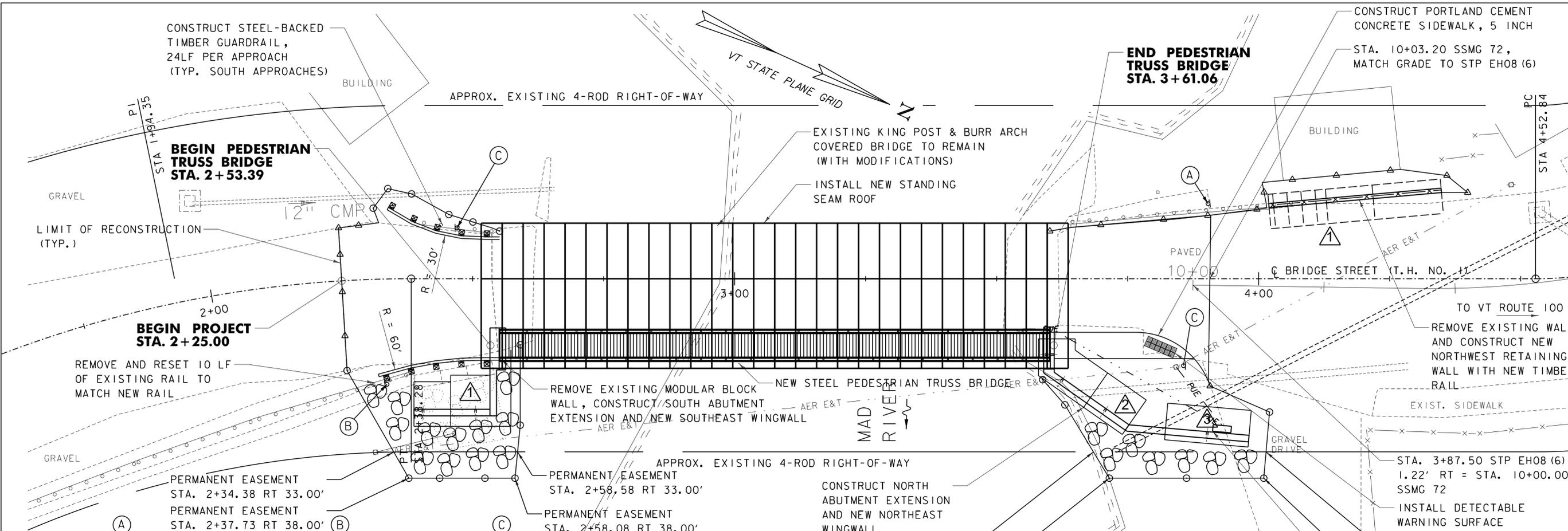
PLAN & ELEVATION

DRAWN BY RHB/JDG	DATE DEC. 2014
CHECKED BY EPD	DBK PROJECT # 620922
PROJ. ENG. RHB	DBK ARCHIVE # 620922

SHEET NUMBER

10

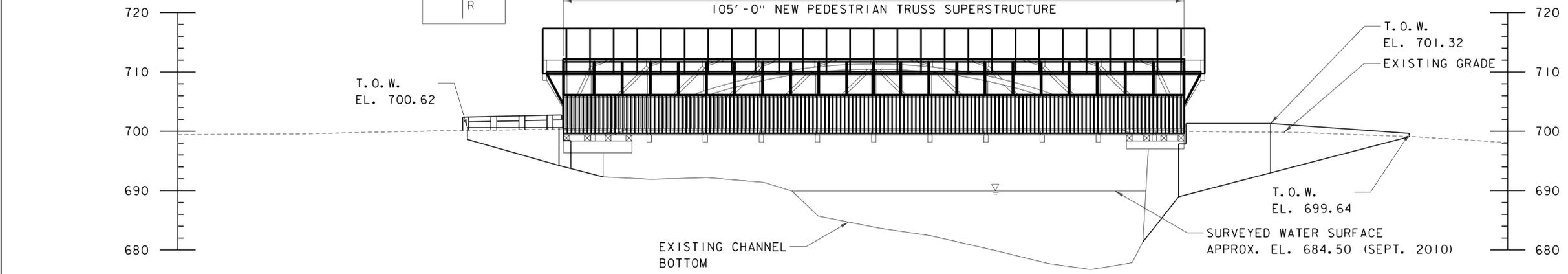
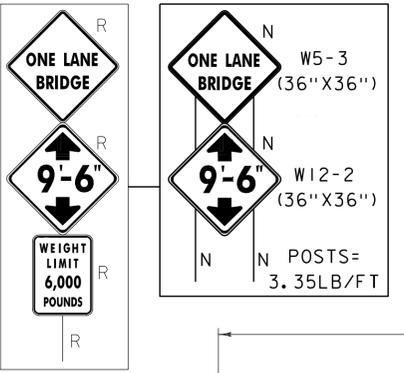
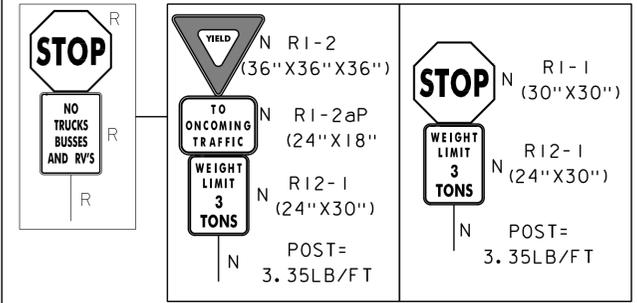
SHEET 10 OF 30



PLAN

SCALE 1" = 10' - 0"
 10 0 10

NOTE: SEE BRIDGE STREET STORMWATER IMPROVEMENT SHEETS FOR ROADWAY, STORMWATER, AND UTILITY RECONSTRUCTION DETAILS



ELEVATION AT DOWNSTREAM FASCIA

SCALE 1" = 10' - 0"
 10 0 10

R = REMOVE EXISTING SIGN/POST
 N = INSTALL NEW SIGN / POST

DATUM
 VERTICAL NAVD 88
 HORIZONTAL NAD 83 (GPS)

PLOTTED 10/23/2015

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