

ALPINE CONSTRUCTION, LLC

PROPOSED SEQUENCE OF WORK FOR THE MIDDLEBURY-WEYBRIDGE BHO 1445 (33)

ORIGINAL: FEBRUARY 2, 2012

REVISED: FEBRUARY 14, 2012

6. Remove roof system in the Middlebury Span and save rafters, sheathing and tie beams for reinstallation.
7. Replace top chord members (one length at a time), as top chords are replaced, install tie beams and upper lateral bracing. As top chord is removed temporarily support king post to maintain position with wood bracing. See Alpine Sketch 3
8. Remove sections of the north and south arches, install false-work for temporary arch support, then replace with new laminated timber arches.
9. Once the Middlebury Span is complete, install all floor beams in the Middlebury Span and lower lateral bracing at the pier area, including tie rods.
10. Install sections of the first layer of deck.
11. Reinstall roof rafters and sheathing, cover with poly.
12. Repeat the same process from Pier 2 to Pier 1 – Center Span (no arch repairs in this span).
13. Repeat the same process from Pier 1 to Abutment 1 – Weybridge Span including the south arch repair at Abutment 1.

Loading the Bridge and Arch

1. Connect arch to king post along the length of the bridge as shown on the plan.
2. Remove secondary shoring.
3. Install siding
4. Install remaining decking.
5. Complete metal roof.
6. Complete timber fire retardant and insecticide.
7. Release primary shoring and remove.
8. Rebuild the timber cribs at the downstream end of the piers 1 and 2 as shown on Alpine Sketch 1.