

Submittal Notes

To: A.L. St. Onge Contractor, Inc. **From:** Mike Weigand

Fax: **Pages:** 1

Phone: 802-326-4792 **Date:** 3/6/14

Re: Boston Post Rd. Br. No. 48, Enosburg, VT **Attn:** Arty St. Onge

Urgent **For Review** **Please Comment** **Please Reply** **For Your Use**

J. P. Carrara & Sons' Precast/Prestressed Concrete Submittal Notes

1. Drawing 'F5': J. P. Carrara & Sons (JPC) increases the clear cover on the top mat of transverse bars in the NEXT Beams from 2" to 2 ½" clear to accommodate the use of steel side forms on the casting bed, reference A/F5.
2. Drawing 'F5': JPC modifies the profile of the shear key on the NEXT Beam flanges to accommodate the use of a steel side form on the casting bed, reference A/F5. This profile has been approved for use on other VT AOT projects.
3. Drawing 'F5': With reference to the curtain wall elevations 2 and 3/F5, the edge of the curtain walls is battered at the west side of the bridge, in order to clear the abutment cheek walls, however the edge of the curtain wall on the east side of the bridge is drawn square with the top surface of the NEXT Beams, which slope 2.1% from west to east.
4. Drawing 'F6': The curtain wall profile is square with the end of NEXT Beams. Due to the 2.43% grade along the bridge from Abutment 1 to Abutment 2, please note that the closed cell foam will vary in thickness from 2 11/16" to 3" at Abutment 1 and from 3" to 3 5/16" at Abutment 2 as shown respectively in JPC details B and C on drawing F6.
5. Drawing 'F6': The approach slab shear key is modified as shown in detail A/F6 to fit inside of the projecting reinforcement.
6. Drawings 'F5', 'AB1', & 'AB2': The keeper block dimensions are reduced to provide clearance between the keeper blocks and the face of the curtain wall.
7. Drawings 'NB3' & 'NB4': The curb on the fascia beams is detailed as 2'-0" wide and the guard rail embeds are laid out to match the offsets from the road centerline.
8. Drawing 'PC1': Projecting bars from the precast pier caps, 'EN-PC1' and 'EN-PC2', and corresponding NMB splice sleeves in the precast abutments are laid out to miss the location of the 1'3" diameter sleeves for the micro-piles. Please confirm that the quantity of reinforcing bars shown between the pier cap and abutment walls satisfies the design requirement.

Please contact us at 802-388-6363 with any questions.
