

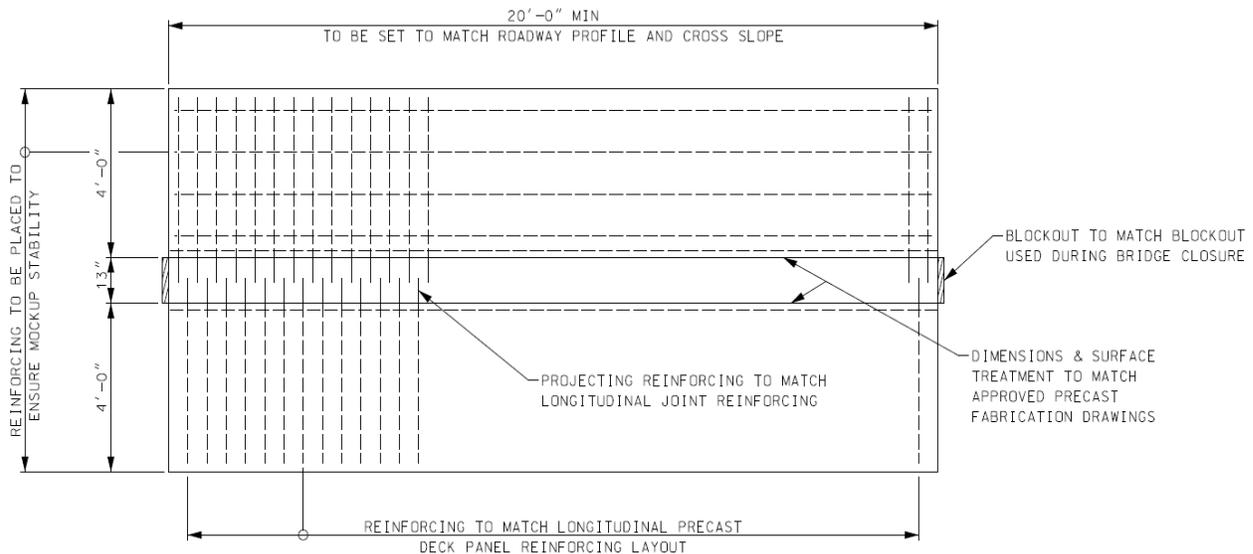
PRECAST MOCKUP

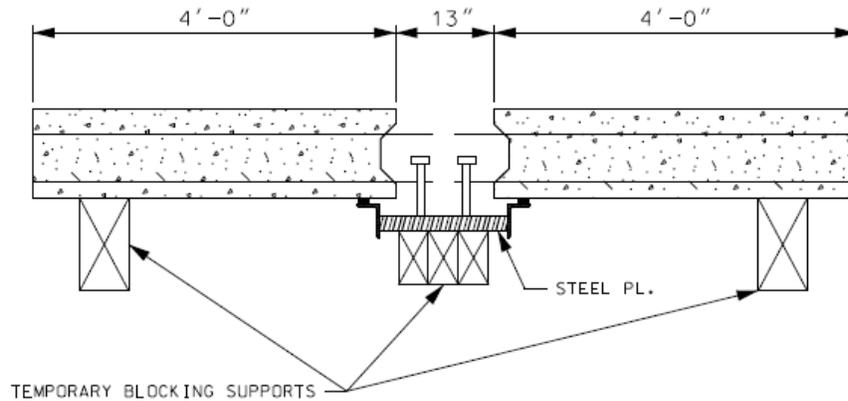
****From Waitsfield BRF 013-4(39)**

- xx. DESCRIPTION. This work shall consist of manufacturing and transporting a precast concrete mockup for performing a trial batch placement of Ultra High Performance Concrete (UHPC).
- xx. MATERIALS. All work under this section shall be performed in accordance with these provisions, the Contract Plans, and the following sections of Sections of the Standard Specifications:

Precast Concrete.....540
Special Provision (Ultra High Performance Concrete)...900.608

- xx. FABRICATION. A precast concrete mockup representing the longitudinal precast deck panel closure pour shall be constructed a minimum of thirty (30) days prior to the bridge closure. The mockup shall represent the longitudinal closure pour from the top of the precast deck panel to the top of the top flange (including projecting reinforcing and shear connectors). UHPC placed in the mockup shall be placed per the method outlined in the approved UHPC placement sequence. The mockup shall include top forming details, top forms, chimneys, haunch sealing details and longitudinal blocking details that are to be used during the road closure period. The mockup shall meet or exceed the dimensions shown in the sketch below, and shall be elevated at a minimum of thirty-six (36) inches above ground level. The location of the precast mockup shall be outdoors unless approved by the Engineer. A portable batching unit will be supplied by Lafarge North America for mixing of the UHPC. The Contractor shall follow the batching sequence as specified by Lafarge North America. Representatives from Lafarge shall be on-site during placement of UHPC in the mockup to ensure proper mixing and placement. A representative plan view of one (1) precast mockup is provided below:





- xx. METHOD OF MEASUREMENT The quantity of the Special Provision (Precast Mockup) to be measured for payment will be on a lump sum basis. The lump sum shall include all of the precast mockup components (including steel required for representation of the girder top flange, haunch forming material, shear connectors, and temporary formwork) in the complete and finished state.
- xx. BASIS OF PAYMENT The accepted quantity of Special Provision (Precast Mockup) will be paid at the Contract lump sum price. Payment shall be full compensation for fabricating, transporting and handling, and for furnishing all labor, tools, equipment and incidentals necessary to complete the work.

Payment will be made under

<u>Pay Item</u>	<u>Pay Unit</u>
900.645 Special Provision (Precast Mockup)	Lump Sum