

TIMBER ARCH BEARING CONNECTION

****From Woodstock BHO 1444(52) & Woodstock ST 1444(58)**

xx. DESCRIPTION. This work shall consist of furnishing and installing timber arch bearing connection(s) on a covered bridge as detailed in the Plans.

The work under this Section shall be performed in accordance with these provisions, the Plans, and Sections 501 and 531 of the Standard Specifications.

xx. MATERIALS. Materials shall meet the following requirements:

- (a) Anchors. Doweled anchors shall meet the requirements of Subsection 714.08.
- (b) Elastomeric Pad. Elastomeric pad shall meet the requirements of Subsection 731.03.
- (b) Base Plate. Steel for base plate shall meet the requirements of Subsection 714.02.
- (c) Concrete. Concrete for grout shall meet the requirements of Section 501 for Concrete, High Performance Class AA.
- (d) Flashing. Flashing shall meet the requirements of Subsection 750.03.
- (e) Hardware. Hardware shall meet the requirements of Subsection 714.05.

xx. CONSTRUCTION REQUIREMENTS. Bearing connections shall be constructed to the configuration shown in the Plans.

xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Timber Arch Bearing Connection) to be measured for payment will be the number of each bearing connection installed in the complete and accepted work. Bearing connection materials, including anchor bolts, grout concrete, elastomeric pad, base plate, flashing, and connecting hardware will be included as part of the measured unit. Anchor bolt and doweled anchor assemblies include all bolts, threaded rods, nuts, washers, plates, drilling, and grouting required for attachment of bearing connections to the superstructure and substructure.

xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Timber Arch Bearing Connection) will be paid for at the Contract unit price for each. Payment will be full compensation for detailing, furnishing, handling, transporting, and placing the materials specified, 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>
900.620 Special Provision (Timber Arch Bearing	Each

Connection)