

715 - PRESTRESSED CONCRETE BEAMS

715.1 DESCRIPTION

This work shall consist of the manufacturing, curing and handling of prestressed, pretensioned concrete bridge beams of the dimension specified on the Plans or as directed by the Engineer. Prestressed concrete beams shall be constructed in accordance with Section 715 of the Standard Specifications and Special Provision 15-07002-R02 except as otherwise modified herein.

715.2 MATERIALS

All materials shall be in accordance with Section 715.2 of the Standard Specifications except as modified herein.

a. Mix Designs

Concrete mix design for the prestressed beams shall be air entrained and shall use select coarse aggregate. The mix designs shall be approved by the Kansas City Metro Materials Board (KCMMB). The release strength and 28 day strength requirements shall be as noted on the plans.

b. Reinforcing Steel

All reinforcing steel shall be as specified in the Contract Documents.

715.3 MEASUREMENT AND PAYMENT

The Engineer will measure prestressed concrete beams of the specified type and size by linear foot.

Payment for "Prestressed Concrete Beams" at the contract unit price bid is full compensation for the specified work.