

SECTION 10.09
CAST IRON JUNCTION BOX

10.09.01--Description: This item shall consist of furnishing and installing cast iron junction boxes at locations shown on the plans or as directed by the Engineer and in accordance with these specifications.

10.09.02--Materials: Materials for this work shall conform to the requirements of Article M.15.10.

10.09.03--Construction Methods : The junction boxes shall be mounted as shown on the plans or as directed. All hardware used in conjunction with mounting of these boxes shall be rust and corrosion resistant.

Conduit knockouts shall be made in the junction box by an approved method. Diameter of the knockouts shall be no larger than the minimum diameter required to accept the size conduit specified on the plans. All conduits are to be secured to the junction box using the washers, locknuts, and bushings as detailed on the plans. An RMC drain pipe with outlet to free air shall be installed in the cast iron junction box as detailed on the plans, except where the junction box is located over a fill area such as in a wingwall.

All excess concrete shall be removed from the junction box cover, recessed bolt holes, and bolt heads.

10.09.04--Method of Measurement: The work for this item will be measured for payment by the number of cast iron junction boxes of the size specified, complete and accepted in place.

10.09.05--Basis of Payment: This work will be paid for at the Contract unit price each for "Cast Iron Junction Box" of the size specified, complete in place, which price shall include all materials, box, cover, gasket, drain pipe, cover bolts, necessary fittings and hardware, including that necessary for mounting, removal of excess concrete, all equipment, tools and labor incidental thereto.

Pay Item	Pay Unit
Cast Iron Junction Box (Size)	EA.