

**ITEM 810 FURNISHING AND INSTALLING HYDRANT EXTENSIONS,
COMPLETE**

- 810.01 Description**
810.02 Hydrant Extensions
810.03 Backfilling
810.04 Hydrant Lowering
810.05 Basis of Payment

810.01 Description. The Contractor shall furnish all labor, tools, materials and equipment necessary for furnishing and installing hydrant extensions, of the sizes shown in the proposal, where required or as directed by the Engineer.

810.02 Hydrant Extensions. Provide cast iron standpipe extensions meeting the requirements of the applicable sections of Item 809 regarding quality, painting, etc. Provide valve stem extensions of suitable length with couplings to fit those on hydrant valve stem. Provide hydrant extensions capable of insertion in the standpipe at the breakable section, and this section then moved to the upper end of the extension. Design all parts of the extension so that installation and removal can be accomplished with ordinary tools and without removing the hydrant valve or stem. Do not exceed a 24-inch maximum total height of extensions (existing and new). Unless otherwise approved by the engineer, use no more than one extension on a hydrant assembly. Install the fire hydrant lead as specified on the Division of Power and Water, Standard Detail L-7601 on water mains greater than seven (7) feet deep. The City will not permit installation of hydrant extensions with L-7601 unless otherwise approved by the engineer.

810.03 Backfilling. Backfill around hydrant extensions in conformance with the requirements of Section 809.04.

810.04 Hydrant Lowering. Where adjusting existing hydrants equipped with extensions to the proper grade, remove extensions as needed, otherwise, lower hydrants in accordance with Section 809.06.

810.05 Basis of Payment. The City will pay for hydrant extensions at the contract unit price bid per each for this item in the proposal. The City will consider the unit price bid payment as full compensation for all labor, tools, materials, equipment, and incidentals necessary to furnish and install hydrant extensions, complete, as shown, ordered or specified.

Payment will be made at the contract price for:

Item	Unit	Description
810	Each	_____ Inch Hydrant Extensions
810	Each	_____ Inch Hydrant Lowering