

303 ABANDONING VALVE CASING AND HYDRANTS

303.01 DESCRIPTION

Work consists of abandoning water valve casings either by removal, partial removal, bulkheading, or any combination thereof, and removal of fire hydrants. Work includes excavation, disposal of unusable materials, bulkheads, and backfill and compaction.

303.02 MATERIALS

Brick – [806.01\(A\)](#)

PCC – [817, Class B](#)

Mortar – [806.05\(B\) \(5\)](#)

303.03 CONSTRUCTION REQUIREMENTS

- (A) **ABANDONING VALVE CASINGS.** Portions of valve casings within three (3) feet below approved roadway subgrade shall be totally removed. Portions lower than three (3) feet below subgrade shall be abandoned in place. Open ends of abandoned water main at the manhole shall be bulk headed at the manhole by either nine (9) inch thick brick masonry in 36 inch diameter and larger openings or nine (9) inch thick brick masonry or PCC of approved mix design in smaller size openings. Work includes backfill with embankment fill and its compaction to sub grade per [203](#). Usable manhole frames and covers and precast manhole rings shall be removed with care and reused on the contract or delivered to District Property Yard as directed. Unusable items shall be included in disposal.
- (B) **REMOVE FIRE HYDRANT.** Remove Fire Hydrant shall include removal of boot, standpipe and hydrant complete. Work includes backfill with embankment fill and its compaction to sub grade per [203](#). Usable hydrant components shall be removed with care and delivered to a designated District Property Yard as directed. Unusable items shall be included in disposal.

303.04 MEASURE AND PAYMENT

The unit of measure will be each.

Payment for Abandoning Valve Casings and Remove Fire Hydrant will be made at the contract unit price per each, which payment will include all labor, materials, tools, equipment and incidentals needed to complete work specified.