

SP01150 (2015 Specifications: ~~08-06-1505-01-16~~)

(This Section requires SP01140, SP01170, & SP02480. Requires SP02010 & SP02050 ~~for~~when thrust blocks are required.)

SECTION 01150 - POTABLE WATER VALVES

(Follow all instructions. If there are no instructions above a subsection, paragraph, sentence, or bullet, then include them in the project. The specifications may be modified to include project specific specifications, but all additions, deletions, or modifications must be sent to the ODOT Technical Resource and Senior Specifications Engineer for review and approval.)

Comply with Section 01150 of the Standard Specifications modified as follows:

(Use the following subsection .40 when installing valves, back flow devices, or tapping sleeves.)

01150.40 General - Replace this entire subsection with the following subsection:

01150.40 General - Install valves, back flow devices, and tapping sleeves according to the plans and the manufacturer's recommendations. Join to the pipe according to Section 01140 and AWWA Standards for the type of connecting ends furnished. Thoroughly clean and repair joints prior to installation.

(a) Valve and Valve Box Installation - Set valves, valve boxes, and valve box extensions perpendicular to the pipe. Install valve operator extensions when required. Center the valve box and valve box extension over the operating nut of the valve. Place valve box and valve box extension over the valve or valve operator so that the valve box extension does not transmit shock or stress to the valve. Install the valve box extension of the unit first, supported by backfill or by a closed-cell foam collar not less than 2 inches in thickness. Do not allow the valve box extension to rest directly on the body of the valve or on the water main.

(b) Valve Operator Extensions - Install a valve operator extension with rock guard on all valves that have the valve nut operator installed 3 feet or more below finish grade. Hot-dip galvanize extensions after fabrication.

(c) Backfilling - Backfill around valves according to Section 00405. Set the cast iron valve box cover flush with the roadbed or finished paved surface.

(Use the following subsection .50 when field testing is required.)

01150.50 Field Testing - Replace the sentence that begins "Correct all malfunctions..." with the following sentence:

Correct all deficiencies in the operation of the valves.

(Use the following subsection .51 when hydrostatic testing is required.)

01150.51 Hydrostatic Testing - Replace the sentence that begins "Correct all defects..." with the following sentence:

Correct all defects to the satisfaction of the Engineer.

01150.90 Payment - Replace the paragraph that begins "No separate or additional payment..." with the following paragraph:

No separate or additional payment will be made for earthwork not covered under other pay items, jointing, blocking of valves, protective coatings, valve boxes, valve box extensions, valve operator extensions, or hydrostatic testing.