



Tabulating Adjustment of Manholes, Intakes, Fire Hydrants, and Other Fixtures

Design Manual

Chapter 7

Pavement

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The purpose of this section is to outline tabulating the adjustment of manholes, intakes, fire hydrants, valve boxes, and other fixtures.

Manholes, Intakes, Fire Hydrants, and Valve Boxes

Manholes and Intakes

Minor adjustments are those that can be handled by adding or removing adjustment rings. Major adjustments are those that require adding, removing, or modifying the riser or cone section. Refer to [Article 2435.03, D](#), of the Standard Specifications. These are tabulated on [Tab 104-5A](#), List of Intakes and Utility Accesses, or [Tab 104-5B](#), List of Intakes and Utility Accesses/List of Storm Sewer Pipe. Adjustments are bid as “Manhole Adjustment, Minor”, “Manhole Adjustment, Major”, “Intake Adjustment, Minor” or “Intake Adjustment, Major”. Note in the Tab whether the adjustment is minor or major.

Curb inlet intakes are often rebuilt rather than adjusted. This involves replacing the top only. This is tabulated on [Tab 104-5A](#), List of Intakes and Utility Accesses, or [Tab 104-5B](#), List of Intakes and Utility Accesses/List of Storm Sewer Pipe, and bid as “Intake, SW-XXX, Top Only.” Note on the Tab the top is being replaced.

Fire Hydrants and Valve Boxes

Refer to [Article 2554.03](#) of the Standard Specifications for adjustment of fire hydrants and valve boxes. These adjustments are tabulated on [Tab 104-10](#), Adjustment of Fixtures. When tabbing valve boxes, note if they are to be adjusted, extended, or replaced. Valve box extensions and replacements are bid. Minor valve box adjustments are not bid; however, they still need to be tabbed for the contractor’s information.

Other Fixtures

Adjustments are tabulated on [Tab 104-10](#), Adjustment of Fixtures, for the contractor’s information only. They are not bid and should be marked as incidental on the Tab sheet.

Chronology of Changes to Design Manual Section:

007D-010 Tabulating Adjustment of Manholes, Intakes, Fire Hydrants, and Other Fixtures

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| 1/31/2011 | Revised
Updated links, added statement that adjustments are bid as “Manhole Adjustment, Minor” and “Manhole Adjustment, Major”, and added sentence that valve box extensions and replacements are bid but minor valve box adjustments are not bid. |
| 12/10/2010 | Revised
Revised to accommodate changes made in the specifications |