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## **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 (up to a total maximum ring stack height of 16 inches). 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](#) or Tab [104-5B](#). 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](#) or Tab [104-5B](#) 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](#). 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](#) 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

6/25/2019	Revised Updated hyperlinks. Updated header logo and text.
11/16/2017	Revised Added in 16 inch maximum to minor adjustment of manholes and intakes. Fixed broken links.
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