

Preparation of Special Provisions

Special Provisions shall be in the Department format, mainly sections (1.) Description, (2.) Materials, (3.) Construction Requirements, (4.) Method of Measurement, and (5.) Basis of Payment as in the Standard Specifications for Road and Bridge Construction. A separate Special Provision for each class of work (i.e. water, sewer, curb etc.) shall be provided. If the work is described or covered under a section of the Standard Specifications, prepare the Special Provision by amending or adding to the requirements of that section as shown in the following example;

Add to 2.4:

2.4.1.1 Miscellaneous steel hardware without bracketed designation shall conform to ASTM A 36 and A 500 as appropriate. Hardware shall be galvanized, after all fabrication, in accordance with AASHTO M 111.

Amend 2.7 to read:

2.7 Base course material shall be crushed gravel in accordance with 304.2.5.

The following is an outline for a Special Provision and a brief description of the information to be provided in each section with a waterline item as an example. An example of a Special Provision follows.

Description

Brief description of the work and Contractor's responsibilities:

1.1 This work shall consist of constructing *the item* as shown on the plans or ordered. The Contractor shall install all pipes, fittings, valves, and test the installation and provide necessary tie-ins as shown.

If pipes, and other incidentals are to be furnished by the owner, note what will be supplied, when and where these items will be available, and a contact person to arrange pick up of materials.

Materials

Material requirements for all materials required including those supplied by the owner. If materials conform to items within the Standard Specifications the appropriate item section should be referenced in this section.

2.1 Type or class of earthwork (bedding, backfill) material.

2.1.3 Granular backfill shall conform to 209.2

- 2.2 Type and class of pipes,
- 2.3 Valves,
- 2.4 Elbows, Tees, Bend
- 2.5 Gates,
- 2.6 Service connection material

Construction Requirements

Describe the work to be done for a complete installation. All construction requirements to be in this section only. Include excavation, bedding, backfill, pipe installation and testing and service connection construction requirements.

Method of Measurement

Describe the Method of Measurement (length, area, volume or weight)

4.1 The pipe, will be measured by the linear meter (linear foot), to the nearest 0.1 of a meter (foot) and the valves, gates, etc. will be measured by the each for the number of units ordered and installed.

Basis of Payment

Describe how the item will be paid for (contract price per length, area, volume or weight). Describe any subsidiary items and which items will be paid for under other items of work.

5.1 The accepted quantities of pipes, gates, valves will be paid for at the contract unit price per linear meter (linear foot) or by the each as specified except as follows: *(Note: If a lump sum unit is desired for the work a description in paragraph form of all items required for the unit shall be included).*

5.1.1 All rock structure excavation, common structure excavation below the standard trench section, shown on the plans and excavation of unsuitable material and replacement will be paid in accordance with section 206 of the Standard Specifications as appropriate.

5.1.2 Granular or stone fill, when ordered, will be paid in accordance with 209 of the Standard Specifications as appropriate.

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SPECIAL PROVISION

AMENDMENT TO SECTION 606 -- GUARDRAIL

Item 606.914 - Resetting Terminal Unit

Add to 1.1.1:

1.1.2.1 Resetting existing beam guardrail terminal unit(s) shall consist of resetting, as shown on plans or as directed.

Add to 3.5:

3.5.1 Resetting beam guardrail terminal unit(s) as specified shall meet the requirements of the existing terminal.

3.5.1.1 The Contractor, together with the Engineer, shall inspect the existing unit before dismantling and note any damaged or missing parts. Damaged or missing parts shall be repaired and/or replaced as directed by the Engineer, paid as extra work.

3.5.2 The unit shall be carefully dismantled, and reset at the location indicated on the plans or as ordered.

3.5.3 The Contractor and Engineer shall re-inspect the unit after reset to ensure that no damage occurred during dismantling, transport and handling. Any damaged pieces shall be repaired or replaced as directed by the Engineer at the Contractors expense.

3.5.4 The unit shall be reset/installed in accordance with the Standard Plans or manufactures recommendations.

Amend 5.2 to read:

5.2 The accepted quantity of resetting beam guardrail terminal unit will be paid for at the contract unit price complete for the units reset. New material required for resetting terminal units, other than that damage due to Contractor's negligence, will be paid for as provided in 109.04.

Add to pay items and units:

606.914 Resetting Terminal Unit Unit