

SP00810 (2015 Specifications: ~~10-15-12-10-15~~)

(This Section requires SP02190 for guardrail posts and blocks.)

SECTION 00810 - METAL GUARDRAIL

(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.)

[NOTE: Except for extra length guardrail posts, do not separately pay for new guardrail posts under this Section. New posts are already included in the appropriate guardrail pay item. Replacing existing guardrail posts are now covered in Section 00812.]

Comply with Section 00810 of the Standard Specifications modified as follows:

00810.10 Materials - Replace the paragraph that begins "Use guardrail terminals from..." with the following paragraph:

Use guardrail terminals from the QPL.

(Use the following subsections ~~.40 and .90~~ when hand dug guardrail post holes are required. Obtain information from the Region Utility Specialist and the Designer.)

00810.40 Timing and Coordination of Work - Add the following paragraph at the end of this subsection:

Contact the Engineer and the appropriate utilities 72 hours before beginning hand digging guardrail post holes.

(Use the following subsection .90 when any of the following are required:

- Installation of 31" Guardrail*
- Conversion from 27" guardrail to 31" guardrail*
- Hand dug guardrail post holes*

Delete pay items that do not apply and delete parentheses or "(s)" as appropriate. Obtain information from the Designer and the Region Utility Specialist.

00810.90 Payment - Add the following pay item(s):

(j) Extra for Hand Dug Guardrail Post Holes	Each
<u>(k) 31 Inch Guardrail, Type</u>	<u>Foot</u>
<u>(l) Guardrail Height Conversion, Type</u>	<u>Each</u>

(Use the following two paragraphs when items (k) or (l) are included in the pay item list above.)

Replace the paragraph that begins "In item (a), the type..." with the following paragraph:

In items (a), (k), and (l), the type of guardrail will be inserted in the blank. Items (a), (k), and (l) include all posts including steel, base plates, and base plate concrete anchors.

(Use the following two paragraphs when item (k) is included in the pay item list above.)

Replace the paragraph that begins "Items (a) and (b) include...", but not the bullet list, with the following paragraph:

Items (a), (b), and (k) include constructing the respective items except for:

(Use the following three paragraphs when item (j) is included in the pay item list above.)

Add the following paragraphs to this subsection:

In item (j) the extra costs for hand dug holes are costs that are not covered and included in the unit price for one or more of the other listed pay items.

Payment for item (j) performed beyond the quantity shown in the Contract Schedule of Items will be made at the Contract unit price if the Engineer determines that the Contract unit price does not exceed the value of the work as determined according to Section 00197. If the Engineer determines that the Contract unit price exceeds the value of the work, payment for the additional work will be made according to 00195.20.