

4600804 STRUCTURAL STEEL AND MISCELLANEOUS METALS  
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Art Berger  
414-5282

Comments: (5-18-17, Internal)

1. This may be clear to those who work with it, however, it is not clear to me: For example, it is not clear to me how the examples of metals, e.g., pipe hanger, relate to the 3 numbered categories such as Plan Quantity, Lump Sum etc. Is the spec saying, for example, that pipe hanger can only be paid “per each.” If so, it is not clear.

Response: Each pay item has an associated measurement. For Item No. 460-98, payment is made for each approved pipe hanger installed. “Each” and “per each” are used interchangeable throughout the Specifications.

Item No. 460-81-	→ Rivet or High-Strength Bolt Replacement -- each.¶
Item No. 460-95-	→ Structural Steel Repair -- per pound.¶
Item No. 460-98-	→ Pipe Hanger -- each.¶
Item No. 460-112-	→ Anchor Bolt Replacement -- each.¶

No change made.

2. Also, could there be metals that don’t fit any of the identified categories, and how are they dealt with – is it already shown in the pay item? Will the pay items in the Contract be consistent with 460-9.2? Are there ever inconsistencies between the listed pay item numbers in the Spec and the contract pay items? If so, which pay item governs?

Response: The list of pay items in the Specification is not exhaustive. Specific pay items and associated quantities for a given job are provided in the Plans.

No change made.

3. Is “per pound” an example of Plan Quantity? If not, it is not clear what it is.

Response: Please see response to #1. Additionally; the associated unit measurement would be the same for both plan quantity and final quantity.

No change made.

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Comments: (6-13-17)

Is it possible to have two separate item numbers for quantities measure in pounds and a different item number for quantities measure as lump sum so we avoid any misleading issues for pay items.

Response: There are two pay items for structural steel.

460-1 Structural Steel – Rehab - per pound  
460-2 Structural Steel - New/Widening - lump sum

It is the designer's responsibility to include the correct pay item. (Basis of Estimates Manual states that NEW construction uses pay item 460-2 (lump sum) and REHAB uses pay item 460-1 (per pound)).

No change made.

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