

SS5770000 REWORKING SHOULDERS
MAINTENANCE
REVIEW COMMENTS

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Comments: (6-1-17)

1) 577-2: States to meet the requirements of this Section but the revision(s) have eliminated fertilizer, water, etc. Why are these items still mentioned in the Spec (no apparent relevance)?

Response: *Concur, deleted.*

2) 577-4.3: Last sentence sounds awkward- sounds like "as per" or "pursuant to" should be inserted between "Materials" & "Section."

Response: *Concur, added "per"*

3) 577-4.5: The table has a typo ('FRO'); also, isn't is better to say, "positive drainage" rather than "proper drainage?"

Response: *It appears the FRO was already corrected, D1 did not add or modify the table but proper drainage sounds fine with us.*

4) 577-4.6: Please consider revising "Work Documents" as "Contract Documents" in this paragraph. We use this Spec for site specific contracts as well.

Response: *Concur, see revision.*

Tim Whitley
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Comments: (6-1-17)

577-5 Method of Measurement. 577-5.1 2. The area, in linear feet, of sod for paved shoulder blading and removal of excess material. Can this be paid by the Mile (to the thousandth-0.000)? Per mile would be consistent with the corresponding maintenance activity (431-Motor Grader Operations).

Response: *The areas D1 primarily is blading are not normally a mile or more long. It is easier to verify the measurement in Linear Feet in the field in lieu of converting or calculating miles for each area. It is easier for us to do one conversion in the office for MMS. We recommend leaving it in Linear Feet.*

Chris Hiehle

Use in Maintenance Projects for Reworking Shoulders, Slopes and Roadside Ditches

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Comments: (6-1-17)

Section 577-4.3 last sentence should read "Use erosion control methods and materials specified in Section 104 and Design Standard Index 104" include the "specified in" portion that is blue lined.

Response: *Added "per".*

Section 577-4.5 in the table right side second from bottom should read "Grade for proper drainage" for is spelled incorrectly.

Response: *Corrected.*

Section 577-6 Second Sentence should read "Price and payment for blading paved shoulders will be full compensation for all work specified in this Section." Paved and shoulders are misspelled.

Response: *Corrected*

Roger Mumford

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Comments: (6-19-17)

In 577-2, consider adding a reference to the specifications defining whether borrow material is suitable for use or not. Without a referenced standard and a test method, this specification will encourage conflicts between the Department and its Contractor. The Department, per this specification, instructs the re-use of material where possible. If borrow suitability is left to individual interpretation, the potential to gouge the Department increases. For projects using individual pay items, excessive material may be more easily condemned, hauled away, and replaced with off-site borrow, thus inflating the cost of excavation and borrow pay items. For Lump Sum projects, the opposite is also true; questionable materials may be left in place to reduce effort and material costs.

Response: *Borrow Material does not have a dedicated Material section in the 900 area. We are not sure 577-2 would be the area to place a note. A reference could be made in this spec to Section 120 of the Standard Spec book. We will defer to Frances for appropriate placement if needed.*

Kelley Hall

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Comments: (6-19-17)

Use in Maintenance Projects for Reworking Shoulders, Slopes and Roadside Ditches

577-4.5 Table: Spell out inches instead of ", should read "Grade for proper drainage", and why not keep "unless otherwise directed by the Engineer."

Response: The table was added to direct the Contractor. It is not required to spell out inches when used in a table.

577-6: Consider modifying third paragraph to read: Price and payment for all hauling; any re-handling that may be necessary to accomplish the dressing of the shoulders, ditches, slopes and final disposal of excess material will be incidental to the pay items listed in 577-5.1.

Response: Change made.

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Comments: (6-23-17)

577-4.1: Sentence is awkward. Not sure why this sentence needed revision.

Response: Agree, no change made.

577-4.2: Last sentence- Understand the intent but reads a little funny; suggest, "Do not use equipment that will damage turf areas beyond the work limits." "Pavement" or anything else is covered under Section 7-11.

Response: Agree that this is covered in Division 1, sentence deleted.

577-4.3: remove the comma after "low areas."

Response: Agree.

577-4.5: Chart- correct typo, Grade "FRO" proper drainage.

Response: *Corrected.*

577-4.6: Please revise "Work Document" as "Contract Documents." We use this Spec for Site Specific contracts as well.

Response: *Left Work Document but added additional language to cover this need.*
