

ORINATION FORM
Proposed Revisions to the Maintenance Specifications
(Please provide all information - incomplete forms will be returned)

Date:

Office:

Originator:

Specification Section:

Telephone:

Article/Subarticle:

email:

Associated Section(s) Revisions:

Synopsis: Summarize the changes:

Justification: Why does the existing language need to be changed?

Contact the State Specifications Office for assistance completing this form.

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SODDING.

(REV ~~3-26-2012-16-24~~) (FY 202~~5~~~~4~~~~2~~~~6~~~~5~~)

SECTION 570 is deleted and the following substituted:

**SECTION 575
SODDING**

575-1 Description.

~~Furnish and install sod to provide a continuous cover healthy stand of grass within the specified areas specified in the Contract Documents, by furnishing and installing sod. Maintain and protect the sodded areas by watering and resecuring sod strips if necessary until sodding is established the work has been accepted by the Engineer.~~

575-2 Materials.

Meet the following requirements:

- Sod Section 981-3
- Water Section 983
- Soil Layer Materials Section 987

575-3 Construction Methods.

575-3.1 Preparation of Ground: ~~Promptly prior to placement of sod, clear all debris and harrow or disc the area to~~ Loosen or scarify the existing earth in areas ~~as needed requiring sod.~~ Prepare a 6-inch thick finish soil layer with existing soil mixed with imported soil material as directed by the Engineer. On areas where the existing soil is adequate and sufficiently loose, ~~particularly on shoulders and fill slopes,~~ the Engineer may authorize the placement of sod without prior ground preparation. ~~Limit preparation to areas that can be sodded within 72 hours after preparation. Water the area~~ Prior to placing sodding, thoroughly water areas and allow water to percolate into the soil. Allow surfaces so the soil is properly moisturized. moisture to dry before sodding to prevent a muddy soil condition.

575-3.2 Placing Sod: ~~Place sod immediately after ground preparation.~~ Do not use sod which has been cut for more than ~~72~~ 48 hours. ~~The contractor shall provide a cut ticket to insure when the sod was cut, and a recent certificate from the Department of Agriculture that indicates the sod field was inspected, and is clear of invasive plants (tropical soda apple). Stack all~~ Protect and keep sod moist from the time it is cut until the time it is placed. that is not planted within 24 hours after cutting and maintain proper moist condition. ~~Do not sod when weather and soil conditions are unsuitable for proper results.~~

~~Pre-wet the area prior to placing sod. Do not place sod on eroded or washed out sites.~~

Place ~~the~~ sod on the prepared surface, with edges in close contact, and embed it firmly and smoothly by light tamping with appropriate tools.

Place the sod to the edge of all the paving and shrub areas and 1 inch below adjoining pavement with an even surface and edge. Place rolled sod parallel with the roadway and cut any exposed netting even with the sod edge.

Roll using a lightweight turf roller. Provide a true and even surface without any displacement of the sod or deformation.

Commented [DH1]: We refer to Section 981-3 in the Materials sub-article.

981-3 specifies no more than 48 hours, so this existing language is clearly in conflict with 981-3.

If there is a reason we need to keep 72 hours, MT needs to develop a MT version of 981.

If MT does not need to retain the 72 hour requirement, we could remove this language to avoid duplicate language. That said, we may want to keep it in this modified special provision to ensure it is clearly understood.

Commented [DH2]: 981-3 requires "letter of Certification" from the Contractor, that certifies when the sod was cut. Receiving "cut tickets" may not meet the actual intent of 981-3.

As with the previous comment, if we do not change requirements of 981-3, we do not need to repeat them in this modified special provision. However, since a certification is required, it may be beneficial to reiterate that here for clarity.

~~Where~~ For sodding in drainage ditches, stagger the setting of the sod pieces to avoid a continuous seam along the line of flow. Ensure that the offsets of individual strips do not exceed 6 inches. Tamp the outer pieces of sod to produce a featheredge effect.

Peg sod at locations where the sod may slide. Drive pegs through sod blocks into firm earth, at intervals approved by the Engineer.

Remove and replace any sod as directed by the Engineer.

575-3.3 Watering: ~~Thoroughly w~~Water the sod immediately after placing and as often as necessary for the sod to root. ~~Do not water in excess of 1 inch per week for establishment.~~

575-3.4 Maintenance ~~Invasive Species Rework:~~ ~~Maintain the sodded areas in a satisfactory condition until final acceptance of the Work Document or Contract. Include in such maintenance the filling, leveling, and repairing of any washed or eroded areas, as may be necessary. Monitor placed sod for growth of pest plants and noxious weeds.~~ If exotic pest plants and/or noxious weeds manifest themselves in the sodded areas within 30 days of placement of the sod, the Contractor will be responsible for treating the affected areas by means acceptable to the Department at no expense to the Department.

575-4 Method of Measurement.

The quantities to be paid will be the work directed quantities issued by the Department, for work, completed and accepted:

1. The area, in square yards, of sodding.
2. The area, in square yards +25%, of pegged or lapped sodding.
3. The volume, ~~in thousand gallons,~~ in thousand gallons of water.
4. The number of cubic yards of soil layer material placed.

575-5 Basis of Payment.

Price and payment will be full compensation for all work and materials specified in this Section, and the satisfactory disposal of excavated material, except the furnishing of the fertilizer, and the furnishing and application of the water.

Payment will be made under the items ~~shown~~ specified in the Bid Price Proposal.

Item No. E575	1	Sodding - per square yard
Item No. E575	1 2	Sodding, Centipede - per square yard
Item No. E575	1 4	Sodding, St Augustine - per square yard
Item No. E575	1 6	Sodding, Bermuda - per square yard
Item No. E575	1 7	Sodding, Zoysia - per square yard
Item No. E575	1 8	Sodding, Bahia - per square yard
Item No. E575	2	Soil Layer Material - Imported Material - per cubic yard
Item No. E570	9 1	Water for Grass & Plants - per MG (1000 Gallons)

Commented [DH3]: Feedback is needed from the districts so accurate information can be included in this modified special provision:

1. Do you wait a certain amount of time after the sod has been placed before accepting the work on a work document, for the purpose of the contractor monitoring the areas sod has been placed for both wash outs and/or invasive species?
2. If so, how long before accepting the work do you wait?
3. If not, does the department monitor sod placed for 30 days, and re-issue a no-cost work document for the contractor to repair wash outs and/or treat exotic pest plants or noxious weeds?

Commented [DH4]: Different pay items are needed and will be requested for sodding only, or pegged or lapped sodding.