

802.00 FURNISHING AND PLANTING OF PLANT MATERIALS

802.01 FURNISHING AND PLANTING OF PLANT MATERIALS CHECKLIST

SSHC References:

*Section 802
Special Provisions*

Other References:

American Standard for Nursery Stock (current edition)
Approved Products list

Inspection Equipment:

Tree calipers
Tape measure

General Comments:

1. The "American Standard for Nursery Stock" tells the characteristics each type of plant should have for its size and is used in determining if the plants are acceptable.
2. Preconstruction conference should be well in advance of the project starting date. Roadside Development Section personnel should be asked to attend.

MATERIAL REQUIREMENTS:

1. Contractor planting operation must occur within the specified planting seasons.
2. Confirm that the plant material sources have been approved by Roadside Development.
3. Be sure all plant material is healthy and in good growing condition before allowing it to be planted.
 - a. no serious injuries
 - b. no dry roots
 - c. no broken root balls
 - d. no insect pests or diseases
4. If plants must be stored, inspect the storage area to see if it meets the specifications.
5. Be sure products used meet the specifications.
 - a. Approved planting fertilizer is pressure-formed pellets 20-10-5 @ 21 grams or 14-3-3 @ 16 grams.
 - b. Establishment period fertilizer shall be liquid urea with 28 to 32 percent nitrogen.
 - c. Wood mulch, approved by Roadside Development Section.
 - d. Wood stakes or metal stakes are the appropriate sizes.
 - e. Guying material - approved by Roadside Development.
 - f. Absorbent polymer on approved product list.

- g. Pre-emergent chemical is Dathal.
- h. Post-emergent chemical is Roundup.

CONSTRUCTION METHODS:

1. Planting area tilled and drilled according to the plans, details and specifications.
2. Bare roots plants are the most delicate to handle. Their roots must be kept moist at all times, in storage; when delivered to the project site, they should be coated with the absorbent polymer slurry and protected from sun, wind and cold so they do not get dry before planting. If it is obvious the roots have been allowed to dry out before getting planted, these plants should be rejected.
3. Planting procedures are called out in the specifications. If you have specific questions, contact Roadside Development.
 - a. B&B material-set ball into hole onto undisturbed soil at same depth it was grown.
 - b. Plumb and partially backfill plants - no rocks or clods in backfill.
 - c. Twine cut away from trunk and burlap pulled back on B&B plants.
 - d. Properly placed fertilizer tablets in backfill, correct number for size of plant.
 - e. Backfilling completed properly - check for exposed roots on bare root plants after first watering and initial soil settlement. Make sure these are covered with soil immediately.
 - f. Plant material thoroughly watered at time of planting.
 - g. Properly pruned branches.
 - h. Trees staked and properly guyed.
 - i. Water basin constructed to hold at least the minimum amount of water called for in Table 802.01.
 - j. Applied proper pre-emergent chemical.
 - k. Be sure mulch covers all tilled area to the specified depth.
4. During the establishment period, check the project regularly to see that all procedures are being accomplished. This is the most critical time in the project to keep plants from being stressed before going into winter. Establishment procedure items are:
 - a. Pruning
 - b. Protect against pests and diseases
 - c. Regular watering
 - d. Replacing mulch
 - e. Adjust stakes and guys
 - f. Control weeds
 - g. Remove dead plant material

6. Make sure the contractor notifies you when he/she will be watering or doing other establishment work so you can check and document that it has been done properly. Be sure the contractor realizes this documentation is to his/her benefit also. If the project is not properly maintained, the contractor can be required to maintain the project for a second growing season.

BASIS OF PAYMENT:

1. Partial payment criteria and percentages are indicated in Table 802.02. (Check Special Provisions for possible changes.)
2. Inspection dates are approximately:
July 15 - to check establishment procedures
September 1 - count of plants in acceptable growing condition
June 1 - to final out project
3. Check Special Provision for other inspections that may be required.