

**DEPARTMENT OF TRANSPORTATION**

**STATE OF GEORGIA**

**SPECIAL PROVISION**

**ATLANTA BELTLINE, INC.**

**BILL KENNEDY WAY INTERIM TRAIL**

**Section 702 – Vine, Shrub, and Tree Planting**

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*Add the following:*

**702.3.03 Preparation**

**A. Inspect Plant Material Before Digging**

- A. Plant Material Observation: Engineer retains right to observe plants further for size and condition of balls and root systems, pests, disease symptoms, injuries, and latent defects and to reject unsatisfactory or defective material at any time during progress of work. Remove rejected plants immediately from Project site.
1. At least one month prior to the expected planting date, request that the Engineer provide a representative to select and tag stock to be planted under this section. Contractor shall pay for the transportation, subsistence and overnight accommodations, if necessary, for the Engineer or engineer's representative during the period of time required to select and tag the plant material.
  2. The Contractor shall be responsible to certify the availability of quality plants in specified sizes from sources of supply prior to requesting that the Engineer make plant source inspections.
  3. Unless specifically designated otherwise, a representative of the Contractor shall accompany the Engineer on all plant material selection field trips.
  4. Representative samples only of shrubs and ground cover plants may be tagged or marked for approval as an "Approved Typical Sample" and shipped to the site. Any shrub or groundcover plant that arrives at the construction site that does not meet the Approved Typical Sample will be rejected by the Engineer.
  5. Plants to be inspected shall be in locations and conditions that allow direct and unobscured inspection by the Owner's Representative. Container grown or balled and burlapped shrubs shall be pulled from holding blocks by the nursery for scrutiny by the Engineer at no additional cost to the project.
  6. Inspection and approval of plants at the source shall not impair the right of subsequent inspection and rejection upon delivery to the site or during the progress of the work if the Engineer finds that plants do not meet the requirements in the Plant Schedule or Plant Legend shown on Drawings, have declined noticeably due to handling abuse, lack of maintenance, or other causes. Cost of replacements, as required, shall be borne by the Contractor.
  7. Plant Photographs: In the event that the Engineer or Engineer's representative can not inspect plants at the nursery, provide color photographs in digital format of each required species and size of plant material as it will be furnished to the Project. Photographs should be a minimum resolution of 100 dpi, so that details of plants can be discerned. Take photographs from an angle depicting true size and condition of the typical plant to be furnished. Include a scale rod or other measuring device in each photograph. For species where more than 20 plants are required, include a minimum of three photographs showing the average plant, the best quality plant, and the worst quality plant to be furnished. Identify each photograph with the full scientific name of the plant, plant size, and name of the growing nursery.
  8. Plant material is to be obtained from the following pre-approved nurseries:
    - a. Bold Spring Nursery
    - b. Carruth Nursery

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- c. Cleveland Tree Company
- d. Mid Georgia Nursery
- e. Select Trees
- f. Shady Grove Nursery (SC)
- g. Summershade Nursery
- h. Superior Trees
- i. Walker Nursery (TN)
- j. Rock Spring Farm
- k. Baker Environmental Nursery
- l. Moon's Nursery
- m. Shadow Nursery (TN)
- n. Kinsey Nursery
- o. Any other sources have to be approved by the Engineer

*Delete the following:*

### **702.3.03 - 2. Applications of Soil Additives**

*And replace with the following:*

#### 702.3.03 Preparation

##### C. Prepare Plant Bed

- A. Verify suitability of existing or proposed topsoil to support healthy plant growth through required soil tests.
- B. Loosen subgrade of planting areas to a minimum depth of 12 inches. Clean soil of roots, plants, sod, stones >1" diameter, clods, clay lumps, pockets of coarse sand, concrete slurry, concrete layers or chunks, stone ballast and all railroad base courses to full depth, cement, plaster, building debris, and other extraneous materials harmful to plant growth. The contractor shall consult with the planting contractor and engineer before loosening the subgrade as outlined in this specification.
- C. Apply fertilizer and lime to the plant bed according to the soil test report, with the approval of the Engineer.
- D. Spread an organic soil additive, (See Subsection 893.2.09) evenly throughout the designated area to a depth according to the soil test reports. For the purpose of bidding, assume a depth of four inches for organic soil additive (assumes a 1:3 ratio of loose compost to Topsoil by Volume.) The depth of organic soil additive could change pending the results of the soil test reports. Thoroughly dig it into the soil to at least 12" deep using the appropriate equipment that evenly mixes the soil with additives.
- E. Till the area until the surface is smooth and free of weeds, roots, rocks, and other debris, to the satisfaction of the engineer.
- F. Finish Grading: Grade planting areas to a smooth, uniform surface plane with loose, uniformly fine texture. Roll and rake, remove ridges, and fill depressions to meet finish grades.
- G. If the planting area lies within a multitrophic native planting area, stream buffer, wetland, wet swale, or marsh the addition of fertilizer or lime is prohibited.

*Add the following:*

### **702.3.06 Quality Acceptance**

D. Meadow grass installations shall meet the following criteria as determined by Engineer:

- 1. Satisfactory Meadow Areas: At end of Second Establishment period, a healthy, uniform, close stand of meadow grasses and wildflowers has been established, free of weeds and surface irregularities, with uniform coverage exceeding 90 percent over any 10 sq. ft. and bare spots not exceeding 2 by 2 inches
- 2. Use specified materials to reestablish meadow grass areas that do not comply with requirements and continue maintenance until meadow grass areas are satisfactory.

*Add the following:*

**702.3.07 Contractor Warranty and Maintenance**

10. Maintenance Contractor must be able to recognize and identify all grass and forb species planted as well as common weed species. State services, obligations, conditions, and terms for agreement period and for future renewal options, including but not limited to the following:

- a. Monthly inspection visits to evaluate meadow establishment and weed problems.

11. Mowing will be an important management strategy for native grass and perennial meadows.

1. After a full growing season, mow annually in the late winter (March) at a height of 3" to 4". Mowing is preferred during this time period for aesthetics and weed management.
2. Debris from annual mowing should be left in place unless there is excessive clumping of debris. If clumping occurs, debris should be raked and spread out to provide a consistent cover. Remove and dispose of excess if debris accumulation is sufficient to suppress growth of desired plants.
3. A single mowing each year is preferred; however, an additional mowing can occur in mid-season for treatment of infestations of broadleaf annual weeds such as ragweeds. Mowing height should be at a minimum height of 6". Mowing is not permitted after August 1. The Engineer should be notified for approval a minimum of seven days before any mowing activities are planned.

End of Section 702