



*Florida Department of Transportation*

RON DESANTIS  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.  
SECRETARY

December 9, 2019

Khoa Nguyen  
Director, Office of Technical Services  
Federal Highway Administration  
3500 Financial Plaza, Suite 400  
Tallahassee, Florida 32312

Re: State Specifications Office  
Section: **110**  
Proposed Specification: **1100300 Clearing and Grubbing.**

Dear Mr. Nguyen:

We are submitting, for your approval, two copies of the above referenced Supplemental Specification.

The changes are proposed by Ashley Hagan Binder of the Production Support, Office of Design to more efficiently perform Selective Clearing and Grubbing, known items (per each tree-removal and relocate, linear foot- tree protection fencing) were broken out. This allows the designer to more effectively communicate the intent, it allows the contractor to more accurately perform the work, and provide a more accurate cost to the Department. (Saving money and time).

Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to [daniel.strickland@dot.state.fl.us](mailto:daniel.strickland@dot.state.fl.us).

If you have any questions relating to this specification change, please call me at 414-4130.

Sincerely,

Signature on file

Daniel Strickland, P.E.  
State Specifications Engineer

DS/jj

Attachment

cc: Florida Transportation Builders' Assoc.  
State Construction Engineer

## CLEARING AND GRUBBING (REV 10-17-19)

SUBARTICLE 110-3.1 is deleted and the following substituted:

**110-3.1 General:** Remove and dispose of vegetation, obstructions, etc., as shown in the Plans. Provide acceptable fill material, and grade and compact holes or voids created by the removal of the stumps. Perform all selective clearing and grubbing in accordance with ANSI A300.

No staging, storing, stockpiling, parking or dumping will be allowed in selective clearing and grubbing areas. Only mechanical equipment related to selective clearing and grubbing activities will be allowed in selective clearing and grubbing areas. Protect trees to remain from trunk, branch and root damage.

~~110-3.2 Trees to Remain: Protect trees as shown in the Plans or directed by the Engineer.~~

~~At the driplines of areas designated as trees to remain, construct a tree protection barrier in accordance with Standard Plans, Index 110-100.~~

~~When pruning cuts or root pruning to existing trees is shown in the Plans, work is to be supervised on site by an International Society of Arboriculture (ISA) Certified Arborist performed in accordance with ANSI A300.~~

SUBARTICLE 110-3.2 is deleted and the following substituted:

**110-3.3.2 Protection of Plant Preservation Areas:** Areas to remain natural may be designated in the Plans. ~~Protect these areas with a tree protection barrier in accordance with Standard Plans, Index 110-100.~~ No clearing and grubbing, staging, storage, stockpiling, parking or dumping is allowed in these areas. Do not bring equipment into these areas.

110-3.3 Tree Protection Barrier: Construct a tree protection barrier in accordance with Standard Plans Index 110-100 and the Plans. Maintain barrier for duration of the Contract.

110-3.4 Tree Root and Branch Pruning: When pruning cuts or root pruning to existing trees are shown in the Plans, work is to be supervised on site by an International Society of Arboriculture (ISA) Certified Arborist and performed in accordance with ANSI A300.

110-3.5 Tree Removal: Remove trees as shown in the Plans.

SUBARTICLE 110-11.2 is deleted and the following substituted:

**110-11.2 Selective Clearing and Grubbing:** The quantity to be paid will be the plan quantity area in acres designated for Sselective Clearing and Grubbing Areas and Plant Preservation Areas. The quantity to be paid for Tree Protection Barrier will be the linear foot measurement as shown in the Plans. Tree Root, Branch Pruning, and Tree Removal will be paid per each tree. Tree Removal per each will not be used where Clearing and Grubbing or Selective Clearing and Grubbing per acre is used.

SUBARTICLE 110-12.8 is deleted and the following substituted:

**110-12.8 Payment Items:** Payment will be made under:

- Item No. 110- 1- Clearing and Grubbing - lump sum.
- Item No. 110 -2 Selective Clearing and Grubbing Area - acre.
- Item No. 110- 3- Removal of Existing Bridges - lump sum.
- Item No. 110- 4- Removal of Existing Concrete - per square yard.
- Item No. 110- 5- Plugging Water Wells (Artesian) - each.
- Item No. 110- 6- Plugging Water Wells (Non-Artesian) - each.
- Item No. 110- 7- Mailbox (Furnish and Install) - each.
- Item No. 110- 21 Tree Protection Barrier – per linear foot.
- Item No. 110- 22 Tree Root and Branch Pruning – per each tree.
- Item No. 110- 23 Tree Removal – per each tree.
- Item No. 110- 86- Delivery of Salvageable Material to FDOT - lump sum.

**CLEARING AND GRUBBING**  
**(REV 10-17-19)**

SUBARTICLE 110-3.1 is deleted and the following substituted:

**110-3.1 General:** Remove and dispose of vegetation, obstructions, etc., as shown in the Plans. Provide acceptable fill material, and grade and compact holes or voids created by the removal of the stumps. Perform all selective clearing and grubbing in accordance with ANSI A300.

No staging, storing, stockpiling, parking or dumping will be allowed in selective clearing and grubbing areas. Only mechanical equipment related to selective clearing and grubbing activities will be allowed in selective clearing and grubbing areas. Protect trees to remain from trunk, branch and root damage.

SUBARTICLE 110-3.2 is deleted and the following substituted:

**110-3.2 Protection of Plant Preservation Areas:** Areas to remain natural may be designated in the Plans. No clearing and grubbing, staging, storage, stockpiling, parking or dumping is allowed in these areas. Do not bring equipment into these areas.

**110-3.3 Tree Protection Barrier:** Construct a tree protection barrier in accordance with Standard Plans Index 110-100 and the Plans. Maintain barrier for duration of the Contract.

**110-3.4 Tree Root and Branch Pruning:** When pruning cuts or root pruning to existing trees are shown in the Plans, work is to be supervised on site by an International Society of Arboriculture (ISA) Certified Arborist and performed in accordance with ANSI A300.

**110-3.5 Tree Removal:** Remove trees as shown in the Plans.

SUBARTICLE 110-11.2 is deleted and the following substituted:

**110-11.2 Selective Clearing and Grubbing:** The quantity to be paid will be the plan quantity area in acres designated for Selective Clearing and Grubbing Areas and Plant Preservation Areas. The quantity to be paid for Tree Protection Barrier will be the linear foot measurement as shown in the Plans. Tree Root, Branch Pruning, and Tree Removal will be paid per each tree. Tree Removal per each will not be used where Clearing and Grubbing or Selective Clearing and Grubbing per acre is used.

SUBARTICLE 110-12.8 is deleted and the following substituted:

**110-12.8 Payment Items:** Payment will be made under:

- Item No. 110- 1- Clearing and Grubbing - lump sum.
- Item No. 110 - 2 Selective Clearing and Grubbing Area - acre.
- Item No. 110- 3- Removal of Existing Bridges - lump sum.
- Item No. 110- 4- Removal of Existing Concrete - per square yard.
- Item No. 110- 5- Plugging Water Wells (Artesian) - each.
- Item No. 110- 6- Plugging Water Wells (Non-Artesian) - each.
- Item No. 110- 7- Mailbox (Furnish and Install) - each.

1100300  
All Jobs

Item No. 110- 21	Tree Protection Barrier – per linear foot.
Item No. 110- 22	Tree Root and Branch Pruning – per each tree.
Item No. 110- 23	Tree Removal – per each tree.
Item No. 110- 86-	Delivery of Salvageable Material to FDOT - lump sum.