



Florida Department of Transportation

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PROGRAM MANAGEMENT BULLETIN 21-04

DATE: March 24, 2021

TO: District Directors of Transportation Operations, District Directors of Transportation Development, District Design Engineers, District Consultant Project Management Engineers, District Construction Engineers, District Maintenance Engineers, District Roadway Design Engineers, Program Management Engineers

FROM: Stefanie D. Maxwell, P.E., Manager, Program Management Office

COPIES: Courtney Drummond, Will Watts, Tim Lattner, Dan Hurtado, Rudy Powell, Trey Tillander, Rhonda Taylor, Daniel Strickland, Michael Shepard, Paul Hiers, Robert Robertson, Khoa Nguyen (FHWA)

SUBJECT: Litter Removal and Mowing

DocuSigned by:

Stefanie D. Maxwell

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Litter Removal and Mowing guidance and specifications have been updated to simplify areas for measurement and payment.

REQUIREMENTS

The Method of Measurement for **Section 107 of the Standard Specifications** has been updated. The new specification language allows for simple areas to best approximate litter removal and mowing areas, without field measurement or adjustments. Payment will still be based on the number of cycles completed.

To compliment the specification change, Section 5.15 of the **Construction Project Administration Manual (CPAM)** will be updated to eliminate field measurements and area adjustments. Payment will continue to reflect the number of cycles completed.

5.15.6.8 Mowing

The final quantity for mowing will be the project area multiplied by the number of completed mowing cycles. The individual areas of mowing completed will not be final measured. See Specifications Section 107. No field adjustments will be made to the project area.

The **Basis of Estimates (BOE)** has been updated as follows:

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AREAS: For each alignment, use the beginning-to-end station length times the average width that best represents the left, right, and median (if applicable) area(s) . For ponds, use length times width to represent the area.

SUMMARY BOX: Most projects will have a total of 2-3 areas representing the left, right, and center.

Payment for areas will be made for number of cycles completed.

Areas will NOT be adjusted during construction. No field measurements, deductions, or partial area measurement will be made.

COMMENTARY

The goal of these changes is to simplify both the design and construction efforts. For design, the simplified areas will minimize time required to define very small areas such as mow strips in urban areas. For construction, the specification and CPAM changes will eliminate field measurements and area adjustments.

Our industry partners' past concerns have been addressed through the specification and CPAM changes. Payment will be made for the full area for each cycle completed, with no area deductions. These changes seek to meet this goal, while also streamlining the work for designers and construction inspectors.

IMPLEMENTATION

Changes to Section 107 of the Specifications will be effective with the July 2021 lettings.

Update Plans as follows:

- For projects let July-December 2021, where the exact areas and quantities by phase are complete, no changes will be required, at the discretion of the Districts.
- For projects let January 2022 and later, update the areas using the guidance per this bulletin.

CONTACTS

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ATTACHMENT

Specification Section 107
Effective July 2021 lettings

LITTER REMOVAL AND MOWING**(REV 12-17-20)**

SECTION 107 is deleted and the following and substituted

107-1 Description.

Provide pickup, removal and disposal of litter within the project limits from the outside edge of travel way to the right of way line. Include the median on divided highways, from the inside edge of travel way to the inside edge of travel way. Litter includes; but is not limited to, bottles, cans, paper, tires, tire pieces, lumber, vehicle parts, metal junk, and brush debris.

~~Exclude any inaccessible areas and area identified in the Plans as new landscaping in accordance with the Contract Documents.~~

Mow turf or vegetation within the project limits. Turf consists of grasses planted in accordance with Section 570. Vegetation consists of planted and natural grasses, weeds, and other natural vegetation that have been previously mowed. ~~Exclude any areas identified in the Plans as new landscaping in accordance with the Contract Documents.~~

107-2 Operation.

107-2.1 Frequency: ~~Begin litter removal in conjunction with the beginning of the project and continue per the frequency shown in the Plans, unless otherwise directed by the Engineer.~~

Begin litter removal and mowing when directed by the Engineer and continue ~~per the frequency in the Plans~~ every 30 days, unless otherwise directed by the Engineer. Continue litter removal and mowing until final acceptance in accordance with 5-11. Mow all areas to obtain a uniform height of 6 inches.

After final acceptance, perform litter removal and mowing until new turf is established in accordance with 570-4 at no cost to the Department. Maintain turf and vegetation height between 6 inches and 12 inches. Do not include seed stalk or wildflowers when measuring height.

Perform litter removal prior to and in conjunction with mowing; however, the Engineer may direct litter pickups in addition to those performed in conjunction with mowing.

Do not mow new turf until a healthy root system is established. In designated wildflower areas, avoid cutting wildflowers when in bloom and when re-seeding.

107-2.2 General: Mow shoulders and medians concurrently so that not more than one mile will be left partially mowed at the conclusion of the working day. Mow turf and vegetation on slopes or around appurtenances concurrent with the mowing operation.

In areas saturated with standing water, mow or cut to the surface of the water using hand labor or other specialized equipment when standard equipment will cause damage.

Do not remove turf or other vegetation cuttings from the right-of-way, or rake or pick up the cuttings unless the cuttings are in the traveled ways, bike lanes, or sidewalk; are obstructing drainage structures; or are the result of cleaning the equipment.

107-2.3 Limitations: Maintain traffic in accordance with Section 102. When mowing within four feet of a travel lane, operate the equipment in the same direction of traffic, unless the adjacent lane is closed to traffic due to construction operations.

Perform all work during daylight hours.

107-2.4 Disposal of Litter and Debris: During each litter removal cycle, bag and remove all litter or piles at the end of each working day. Dispose of litter in accordance with applicable local and state laws. Do not store or stockpile litter within the project limits.

107-3 Method of Measurement.

~~For each litter removal cycle, the quantity to be paid will be the area, in acres, from which litter has been picked up, removed, and disposed, completed and accepted. The quantity will be determined by calculation using the lengths and widths based on the station to station dimensions shown in the plans.~~

~~For each mowing cycle, the quantity to be paid will be the area, in acres, of mowing, completed and accepted. The quantity will be determined by calculation using the lengths and widths based on the station to station dimensions shown in the plans.~~

The quantity to be paid will be the project area shown in the Contract Documents, in acres, for each litter removal or mowing cycle completed and accepted. No adjustments will be made to the project area quantity.

107-4 Basis of Payment.

~~For litter removal, price~~ Price and payment will be full compensation for all work specified in this section.

~~For mowing, price and payment will be full compensation for all work specified in this section.~~

~~No separate payment will be made for litter removal and mowing after final acceptance. Payment will be made under:~~

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|-------------------|----------------------------|
| Item No. 107 - 1- | Litter Removal - per acre. |
| Item No. 107 - 2- | Mowing - per acre |