

SP00990 (2015 Specifications: [03-1907-16-15](#))

(This Section requires SP00960
May require SP02925. Requires
SP00962 for traffic signal supports.)

SECTION 00990 - TRAFFIC SIGNALS

(Follow all instructions. If there are no instructions above a subsection, paragraph, sentence, or bullet, then include them in the project. The specifications may be modified to include project specific specifications, but all additions, deletions, or modifications must be sent to the ODOT Technical Resource and Senior Specifications Engineer for review and approval.)

(Use the following lead-in paragraph when none of the following subsections are included in the project.)

Comply with Section 00990 of the Standard Specifications.

(Use the following lead-in paragraph when any of the following subsections are included in the project.)

Comply with Section 00990 of the Standard Specifications modified as follows:

(Use the following subsection .42h) when audible pedestrian signals are required. Check with Signal Designer.)

00990.42(h) Audible Pedestrian Signals - Add the following paragraph to the end of this subsection:

Use audible pedestrian signals from the ODOT "Green Sheet".

(Use the following subsection .43(b-5) when installing new loops or loop feeders.)

00990.43(b-5) Resistance Testing - Replace the bullet list with the following bullet list:

- Before splicing and sealing – continuity test
- Before splicing after sealing – resistance test
- After splicing and sealing – resistance test

(Use the following subsection .43(c) when video detection systems are required.)

00990.43(c) Video Detection Systems - Add the following paragraph to the end of this subsection.

Use video detection systems from the ODOT "Green Sheet".

(Use the following subsection .43(d) when microwave and radar detection systems are required.)

00990.43(d) Microwave and Radar Detection Systems - Add the following paragraph to the end of this subsection.

Use microwave and radar detection systems from the ODOT "Green Sheet".

(Use the following subsection .90 when any of the following are required at more than one intersection:

- *Traffic signal installation*
- *Traffic Signal modification*
- *Detector installation*
- *Ramp Meter Signal Installation*
- *Flashing Beacon Installation*
- *Automatic Traffic Recorder Installation*

Delete the "(s)" or parentheses from the word "item(s)" as appropriate. Delete pay items from the lead-in paragraph and list that do not apply, but do not change the alpha characters next to the pay items. Do NOT revise the pay item names by inserting intersection locations in the blanks. The intersection locations should only be inserted in the bid schedule.

00990.90 Payment - Replace pay item(s) (a), (b), (c), (d), (f), and (g) with the following pay items:

- (a) Traffic Signal Installation, _____ Lump Sum
- (b) Traffic Signal Modification, _____ Lump Sum
- (c) Detector Installation, _____ Lump Sum
- (d) Ramp Meter Signal Installation, _____ Lump Sum
- (f) Flashing Beacon Installation, _____ Lump Sum
- (g) Automatic Traffic Recorder Installation, _____ Lump Sum

Add the following paragraph before the paragraph that begins "Item (a) includes furnishing...":

(Delete pay item letters from the following paragraph when the pay items are not included in the list above).

In item(s) (a), (b), (c), (d), (f), and (g), the intersection location will be inserted in the blank.