

SP00990 (2015 Specifications: [11-13-1401-08-15](#))

(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 .42(h) and .43(b-5) are NOT are included in the project.)*

Comply with Section 00990 of the Standard Specifications.

*(Use the following lead-in paragraph when either any of the following subsections .42(h) or subsection .43(b-5) is 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 to be specified in the special provisions. Check with Signal Designer.)*

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

Provide the following 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 ~~apply~~ are required at more than one intersection:*

- ~~Traffic signal installation is required.~~
- ~~Traffic Signal modification is required.~~
- ~~Loop detector installation is required.~~
- Ramp Meter Signal Installation
- Flashing Beacon Installation
- Automatic Traffic Recorder Installation
- ~~Section 00963 is included for standard mast arm pole drilled foundations or standard strain pole drilled foundations.)~~

Delete pay items that do not apply and delete pay item letters from the paragraphs as appropriate. Delete the "(s)" or parentheses as appropriate.)

**00990.90 Payment -**

~~*(Use the following paragraph and pay items when traffic signal installation, traffic signal modification, or loop detector installation is required at more than one intersection. Delete pay items that do not apply and delete "(a)", "(b)", or "(c)" from the paragraph as appropriate. Delete the "(s)" or parentheses as appropriate.)*~~

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

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

~~*(Use the following two paragraphs when traffic signal installation, traffic signal modification, or loop detector installation is required at more than one intersection. Delete "(a)", "(b)", or "(c)" when the pay items are not included in the pay item list.)*~~

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

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