

**SW Ellsworth Street/SW 6th Avenue
Intersection Signal Design
(TS-18-01)**

100% Special Provisions



June 2018

**SW Ellsworth Street/SW 6th Avenue Intersection Signal Design (TS-18-01)
Signals, Signing & Striping**

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SECTION 00220 - ACCOMMODATIONS FOR PUBLIC TRAFFIC

Comply with Section 00220 of the Standard Specifications modified as follows:

00220.02(a) General Requirements - Add the following bullets to the end of the bullet list:

- Before activating a modified traffic signal, revising lane usage, implementing new roadway geometry, or removing a "STOP" sign, protect traffic by installing "NEW TRAFFIC PATTERN AHEAD" (W23-2) signing according to 00225.02. Keep the signs in place for 30 Calendar Days after completing the modifications.
- Protect pedestrians in pole base excavation areas by placing approved covers over all pole base excavations. Excavation cover edges above or below the surrounding pavement surface and exposed to pedestrian traffic shall meet ADA requirements, as follows:
 - Not more than 1/4 inch tall; or,
 - Not more than 1/2 inch tall with a 1/4 inch bevel at a slope of 1:2 or flatter.

If pole base excavation cover edges cannot meet ADA requirements, place pedestrian channelizing devices around all excavation cover edges exposed to pedestrian traffic, or as directed.

For any uncovered pole base excavation area exposed to pedestrian traffic, place a continuous run of pedestrian channelizing devices around the excavated area.

00220.03(b) Closures - Add the following bullet to the end of the bullet list:

- **On Street Parking** - A minimum of 14 calendar days before closing on-street parking. After receiving written approval, provide 48 hours' public notification before limiting the on-street parking.

00220.40(e)(1) Closed Lanes - Replace this subsection, except for the subsection number and title, with the following:

One or more Traffic Lanes may be closed on the Albany-Corvallis Highway (US20) when allowed, shown, or directed during the following periods of time except as indicated in 00220.40(e)(2):

- 1-Lane closure:
Nightly closures, Sunday night through Friday morning between 6 pm and 7 am.
- 2-Lane Closure (holding traffic for a period not to exceed 20 minutes):
Nightly closures, Sunday night through Friday morning between 9 pm and 6 am.

Add the following subsection:

00220.40(f) Limited Duration Road Closure - The Contractor will be permitted to close all Traffic Lanes for periods not to exceed 20 minutes in duration during erecting signal structures over the Traffic Lanes. This work will only be permitted between the hours of

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- 3/4 inch minimum thickness for utility grade plywood.
- Steel plating thickness is dependent on the size of excavation being covered.
- New or in like new condition.
- Treat, counter-sink, or bevel edges exposed to pedestrian traffic so no more than 1/4 inch vertical edge remains exposed to pedestrian traffic. Bevel slope shall be 1:2 or flatter.
- Non-slip surface treatment for covers exposed to pedestrian traffic, as approved.
- Anchoring method to keep covers from shifting under pedestrian, wheelchair or similar traffic.

00225.84(a) Flagger Station Lighting - Replace this subsection, except for the subsection number and title, with the following:

No measurement will be made for flagger station lighting.

00225.90(a)(2) Temporary Protection and Direction of Traffic - Add the following bullet to the end of the bullet list:

- Furnishing, placing, maintaining, moving, and removing pole base excavation covers.

00225.94 Work Zone Lighting - Delete Pay Item (a) from the pay item list.

Replace the paragraph that begins "Item (a) includes..." with the following paragraph:

No separate or additional payment will be made for flagger station lighting.

SECTION 00290 - ENVIRONMENTAL PROTECTION

Comply with Section 00290 of the Standard Specifications.

SECTION 00850 - COMMON PROVISIONS FOR PAVEMENT MARKINGS

Comply with Section 00850 of the Standard Specifications modified as follows:

00850.30 Manufacturer's Representative - Replace this subsection, except for the subsection number and title, with the following:

For Sections referencing 00850.30, the services of a manufacturer's representative are not required. Place pavement markings only when the pavement is ready for the pavement marking material according to the manufacturer's installation instructions.

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Allow a maximum of 60 minutes between concrete placements and use no concrete older than 90 minutes from batch time. Use procedures for concrete placement which ensure that the concrete within the shaft becomes a monolithic, homogeneous unit.

SECTION 00990 - TRAFFIC SIGNALS

Comply with Section 00990 of the Standard Specifications.

SECTION 02530 - STRUCTURAL STEEL

Comply with Section 02530 of the Standard Specifications modified as follows:

02530.70 Galvanizing - Replace the paragraph that begins "Steel that will be finished by hot-dip galvanizing..." with the following paragraph:

Steel that will be finished by hot-dip galvanizing for use as sign bridges, illumination poles, traffic signal poles, sign supports, bridge rail and items designated on the Plans as "Galvanize - Control Silicon" shall have controlled silicon content. The silicon content shall be in either of the ranges 0 - 0.06 percent or 0.13 - 0.25 percent. Before galvanizing, submit mill test certificates verifying silicon content to the Engineer and the galvanizer.

SECTION 02910 - SIGN MATERIALS

Comply with Section 02910 of the Standard Specifications.