

July 4, 2012 S Standard Revisions to the July 4, 2006 S Standards

2012 S-Standards	Significant Revisions
Revised S-612-1, Delineator Installations	Sheet 7 – New sheet, illustrating flexible delineator mounting details
Revised S-614-8, Tubular Steel Sign Support Details	Sheet 2 – In the “Typical Assembly” detail, the fasteners that attaches the slipbase to the tubular steel post was revised to allow either a 5/8” x 3/4” dog screw or a #4 hex screw.
New S-614-9, Pedestrian Push Button Post Assembly	
Revised S-614-40, Typical Traffic Signal Installation Details	<p>Changed section bubbles to show section letter or detail number on top and Sxx on the bottom. Changed from 7 sheets to 5 sheets (eliminated sheets 1 and 7), renumbered remaining sheets appropriately, and modified references in notes and bubbles.</p> <p>Sheet 1 – General Note 6 contains new galvanizing requirement. In General Notes 16 and 17, added “Earthwork to Roadway prism. In General Note 18, wording for Caissons describes a new procedure for wet or caving holes. Added General Note 35 concerning details for cabinet foundation, traffic loop. Miscellaneous signal details moved to S-614-42 and S-614-43. The 10’ – 15’ dimension is measured from sidewalk to pedestrian signal pushbutton.</p> <p>Sheet 2 – Changed detail designations to numbers (Detail L, Sheet 5 changed to Detail 1, and Detail A sheet 2 changed to Detail 1).</p> <p>Sheet 4 – Changed Detail A to Detail 1.</p> <p>Sheet 5 – Added “B ≤1:40 Max” to Construction Requirements detail. Added “Nut Cover” to bolt in Traffic Signal Pole Caisson detail. Changed Detail L to Detail 1.</p>
Revised S-614-40A, Alternate Traffic Signal Installation Details	<p>Changed section bubbles to show section letter or detail number on top and Sxx on the bottom. Changed from 5 sheets to 4, removed sheet 5 and renumbered sheets appropriately, and modified references in notes and bubbles.</p> <p>Sheet 1 – General Note 7 contains new galvanizing requirement. In General Note 16, the wording for caissons describes a new procedure for wet or caving holes. Added General Note 30. In Design Data Note 2, “Earthwork” was added to Roadway Prism, and changed Soil</p>

	<p>Density \emptyset to Soil Density γ The 10' – 15' dimension is measured from ground to bottom of lowest signal lens. 3'-6" to 4' dimension is measured from sidewalk to pedestrian signal pushbutton.</p> <p>Sheet 2 – Removed phantom weld symbol from Section B.</p> <p>Sheet 3 – Detail A changed to Detail 4. Detail L changed to Detail 2.</p> <p>Sheet 4 – Added “B \leq1:40 Max” to Construction Requirements detail. Corrected center line in Base Plate Detail.</p>
New S-614-41, Pedestal Pole and Temporary Span Wire Signals	<p><i>Was formerly S-614-40, Sheet 1 of 7, where the following was revised:</i></p> <p>General Note 1 modified to indicate Traffic Signal Poles “as shown on this sheet” shall be designed to meet the requirements ...for a wind velocity of 100 mph (changed from 90 mph)</p> <p>General Note 3 contains new galvanizing requirement.</p> <p>General Note 10 added “at least” to dimension for pedestal type poles.</p> <p>Footing Note 4 changes “non-shrinkable” to “non-shrink”.</p> <p>Relocated Cabinet Foundation details to S-614-42.</p> <p>Pedestal Pole footing details are modified to show 2-#4 Ties at 6” (rather than 2-#4 stirrups)</p>
New S-614-42, Cabinet Foundation Detail	
New S-614-43, Traffic Loop and Miscellaneous Signal Details	
Revised S-614-50, Static Sign Monotube Structures	<p>Changed Standard title to “Static Sign Monotube. Moved dynamic sign details to S-614-60. Changed section bubbles to show section letter or detail number on top and Drawing number on the bottom</p> <p>Sheet 1 – General Note 8 contains new galvanizing requirement.</p> <p>Sheet 6 – Removed Flange Distortion Tolerance Diagram.</p> <p>Sheet 7 – Added minimum plate thickness note to Field Splice table. Added Note 4.</p> <p>Sheet 12 – In Caisson Drilling and Installation Note 2, wording for caissons describes a new procedure for wet or caving holes.</p>
New S-614-60, Dynamic Sign Monotube Structures	Added dynamic sign details from S-614-50.
Revised S-627-1, Pavement Markings	Sheet 1 – In "Tapered Accel Lane" detail, added 1/2 LENGTH MINIMUM dimension at the gore

	<p>area, and changed the lane line striping in the "Combination Accel-Decel Lane" detail from broken 4" lane lines to 8" lane drop lines, separating the auxiliary and travel lane.</p> <p>Sheet 4 – Added a "Typical Stop Bar Placement" detail, and deleted "Typical Pavement Marking at Railroad Crossing" detail and "Railroad Crossing Notes".</p>
<p>Revised S-630-1, Traffic Controls for Highway Construction</p>	<p>On Sheets 3 through 11, and 13 through 16, added 'star' Legend symbol and note referencing Fines Double notes on Sheet 12, and added complimentary note adjacent to R2-6P, R52-6a and R52-6b signs. Also removed the option symbol for G20-5P "WORK ZONE" plaques, removed notes pertaining to double posting of information signs, and drums or vertical panels are shown for all lane closure tapers.</p> <p>Sheet 1 – Note 23 added to update the use of arrow boards in accordance with 2009 MUTCD. Note 26 was added to define what significant project is.</p> <p>Sheet 2 – New sheet showing index to typical work zone cases within the S-630-1 Standard Plan set. Old Sheets 2 through 19 are now sheets 3 through 20.</p> <p>Sheet 9 – In Case #16, "WORK ZONE" plaque (G20-5P) was removed and was replaced by "RAMP NARROWS" advanced warning sign (W5-4) in accordance with the 2009 MUTCD.</p> <p>Sheet 12 – Revised Note #2 in the "Fines Double Signing Notes" to clarify proper location of Fines Double signing.</p>
<p>New S-630-5, Portable Rumble Strips (Temporary)</p>	
<p>New S-630-6, Emergency Pull-Off Area (Temporary)</p>	
<p>New S-630-7, Rolling Roadblocks for Traffic Control</p>	