



Office of Roadway Engineering

Standard Construction Drawings (Traffic-Related)  
Revision Log

July 20, 2018

The following changes were made to the Traffic Standard Construction Drawings and Plan Insert Sheets:

Drawing Number	Title	Revision Type *	Revision Description
<p>*<b>Change</b> - adding new information or revising existing information, more than an editorial change; <b>New</b> - adding a new drawing; <b>Deletion</b> - deleting a drawing; <b>Editorial</b> - revising text to provide clarification, updating references, correcting a typing or drawing mistake, simple editorial changes such as rephrasing a statement or making a format change.</p>			
<b>STANDARD CONSTRUCTION DRAWINGS</b>			
	SCD Index	Editorial	Updated per this revision.
HL-10.11	Light Pole Styles	<b>Change</b>	<ul style="list-style-type: none"> <li>Added a second sheet. Moved Post-Top style light poles to this sheet and added two Decorative Luminaires (teardrop and low-profile). Added 4 new Notes to sheet 1. Added a Pole Label schematic. Added "(Typ. 30'-40')"</li> </ul>
HL-10.13	Pole Base Details	<b>Change</b>	<ul style="list-style-type: none"> <li>Added Note 11 re. required bolt circle, bolt diameter and bolt length. On Anchor Base schematics, added reference to Note 11. In bottom-left schematic, added "Transformer" to title.</li> </ul>
HL-30.11	Pull Box Details	<b>Change</b>	<ul style="list-style-type: none"> <li>Added sentence to Note 11 ("Grounding lug required only on pull boxes constructed with reinforcing steel.")</li> </ul>
HL-40.20	Power Service, Ground Mounted	<b>Change</b>	<ul style="list-style-type: none"> <li>On pages 1 and 2, added label "Note 2" on the enclosure. On page 2, added "per Utility Company Specifications" to Current Transformer (CT) Enclosure. Corrected/relocated the label "Enclosure as Per HL-40.10, Single...."</li> </ul>
HL-50.21	Structure Grounding	<b>Change</b>	<ul style="list-style-type: none"> <li>On page 4, changed "LIGHT POLE PARAPET PLAN" to "LIGHT POLE PARAPET (PLAN VIEW)". Changed "ANCHOR BOLT GROUNDING" to "LIGHT POLE PARAPET (ELEV. VIEW) AND ANCHOR BOLT GROUNDING (TYP.)" In lower-left diagram, changed "'L' Bolts" to "Anchor Bolts" and fixed drawing of bolts.</li> </ul>
HL-60.21	Tower Wiring Details	<b>Change</b>	<ul style="list-style-type: none"> <li>Changed fuse symbol to circuit breaker symbol (twice in top drawing, once in bottom drawing).</li> </ul>

HL-60.31	Control Center Wiring	<b>Change</b>	<ul style="list-style-type: none"> <li>On sheet 1 modified Notes 1 and 6. In Note 1 changed Class K to Class RK1. In Note 6, added "to ground" to end of sentence.</li> </ul>
TC-7.65	Aluminum Truss Overhead Sign Support	<b>Change</b>	<ul style="list-style-type: none"> <li>In Pole Base Detail, deleted 1 ½" x 54" associated with Anchor Bolts. (Sizes are shown in TC-21.10).</li> </ul>
TC-15.115	Steel Truss Overhead Sign Support	<b>Change</b>	<ul style="list-style-type: none"> <li>In Pole Base Detail, deleted 1 ½" x 54" associated with Anchor Bolts. (Sizes are shown in TC-21.10).</li> </ul>
TC-16.21	Single Arm Overhead Sign Support	<b>Change</b>	<ul style="list-style-type: none"> <li>On sheet 1, in upper-right schematic, added "Pole Height (Combination Pole)" dimension on right side.</li> </ul>
TC-21.20	Foundations	<b>Change</b>	<ul style="list-style-type: none"> <li>In Note 5, added a new second sentence re. lapping of rebar. Added Note 9 re. when two foundation diameters are specified.</li> </ul>
TC-52.20	Sign Blank Details II	<b>Change</b>	<ul style="list-style-type: none"> <li>On sheet 2, in H-REC-1-2 table, added entry for 30" x 21". In H-REC-2-4 table, added entry for 96" x 24".</li> </ul>
TC-72.20	Freeway and Expressway Entrance and Exit Pavement Markings	<b>Change</b>	<ul style="list-style-type: none"> <li>On sheet 2, Multi-Lane Entrance Ramp schematic, changed taper from L=W*S to L=50:1. Deleted L=W*S info. in lower-right.</li> </ul>
TC-81.21	Single Arm Overhead Signal Support	<b>Change</b>	<ul style="list-style-type: none"> <li>On sheet 1, in lower-right schematic, added "Pole Height (Combination Pole)" dimension on right side.</li> </ul>
TC-85.20	Overhead Signal Attachment, Mast Arm	<b>Change</b>	<ul style="list-style-type: none"> <li>Added Note 11, "Use nylon locking or deformed thread nuts." Added two "Note 11" labels in upper-right schematic. Modified Notes 3, 4 and 6.</li> </ul>
MT-95.70	Median Crossover – Single Lane	<b>Change</b>	<ul style="list-style-type: none"> <li>On sheet 3, Geometrics, changed "aggregate shoulder" to "Item 411 stabilized crushed aggregate shoulder. The depth of Item 411 shall be a minimum of 6".</li> </ul>
MT-95.71	Median Crossover – Multi-Lane	<b>Change</b>	<ul style="list-style-type: none"> <li>On sheet 3, Geometrics, changed "aggregate shoulder" to "Item 411 stabilized crushed aggregate shoulder. The depth of Item 411 shall be a minimum of 6".</li> </ul>
MT-95.72	Median Crossover of Passing Lane, Short Distance	<b>Change</b>	<ul style="list-style-type: none"> <li>On sheet 3, Geometrics, changed "aggregate shoulder" to "Item 411 stabilized crushed aggregate shoulder. The depth of Item 411 shall be a minimum of 6".</li> </ul>
MT-95.73	Median Crossover of Passing Lane, Long Distance	<b>Change</b>	<ul style="list-style-type: none"> <li>On sheet 4, Geometrics, changed "aggregate shoulder" to "Item 411 stabilized crushed aggregate shoulder. The depth of Item 411 shall be a minimum of 6".</li> </ul>
MT-99.20	Traffic Control for Long Line Pavement Marking Operations	<b>Change</b>	<ul style="list-style-type: none"> <li>On page 2 table, Lane Line/Channelizing Line Column, replaced "28" Cones Required" with "Daytime: 28" Min. Cones Required; Nighttime (Multi-Lane Highways): 42" Min. Height Cones Required in Tangent with Drums Required in Taper".</li> </ul>

MT-101.70	Barrier and Impact Attenuator Delineation	Change	<ul style="list-style-type: none"> <li>Replaced Note 5 with "The surface of the nose cone of the impact attenuator shall be solid fluorescent yellow, without stripes, Type G retroreflective sheeting complying with CMS 730.19."</li> </ul>
ITS-10.10	CCTV Assembly Details, Ground Mounted Cabinet	Change	<ul style="list-style-type: none"> <li>On page 1, at top of left-most schematic, changed Wireless Radio to ITS Device, Various. Below it, removed lower unit type camera and set fixed mounted type camera in its place; added second camera with note re. analytics. Below that, removed vehicle detector and wireless radio and changed it to ITS Device, various. At bottom of schematic, revised conduit label to "(2) – Communication Conduit". Middle schematic revised to show side view. Removed Note 4 and revised notes to say ITS Device, Various instead of vehicle detector.</li> </ul>
ITS-10.11	Pull Box and Conduit Details, CCTV with Ground-Mounted Cabinet	Change	<ul style="list-style-type: none"> <li>In top schematic, removed conduit from cabinet to pole. In upper-right label, changed One (1) 3" cabinet to Two (2)...In bottom-right of same schematic, added 18" pullbox label and also added it in existing label re. Power Conduit.</li> </ul>
ITS-12.10	Concrete CCTV Camera Pole	Change	<ul style="list-style-type: none"> <li>Revised Note 6 (changed "1994" to "2015"). In left-most graphic, bottom-right label, revised note to better explain embedment depth expectations.</li> </ul>
ITS-12.50	CCTV Signal Pole Mounting	Change	<ul style="list-style-type: none"> <li>In upper-left schematic, top label, added "or other various ITS devices". In Signal Pole with Mast Arm graphic, upper-right label, added "or other various ITS devices".</li> </ul>
ITS-14.50	Median Conduit and Pull Box Details	Change	<ul style="list-style-type: none"> <li>New drawing.</li> </ul>
ITS-30.13	Dynamic Message Sign – Pedestal Support	Change	<ul style="list-style-type: none"> <li>On page 1, upper-left schematic, revised lower-right label by adding reference to revised Note 6. Added sentence to Note 6 re. bolt diameter.</li> </ul>
ITS-50.11	Step-Down Transformer & Support Details	Change	<ul style="list-style-type: none"> <li>Added Notes 6 and 7. Modified Note 1 (changed 7.5KVA to 3KVA) and Note 5. Added new graphic in lower-right corner. Various changes made to Step-Down Transformer &amp; Support Details graphic.</li> </ul>
ITS-76.10	Ramp Meter Installation	Change	<ul style="list-style-type: none"> <li>In Notes, deleted last 3 paragraphs of Note 3 on both pages. In upper-left graphic, changed "36" to "32" and "18" to "32" in multiple locations (Pull Box); other changes made to Conduit labels in that graphic. On both pages, added guardrail &amp; labels to plan and elevation views.</li> </ul>