

**Traffic Standard Construction Drawings and Plan Insert Sheets  
Revision Log  
July 19, 2013 Revision**

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 Drawing</b>			
	SCD Index	Editorial	Updated per this revision.
TC-32.11	Sign Service Details II	<b>Change</b>	<ul style="list-style-type: none"> <li>Corrected reference in Note 1.</li> <li>Deleted metric references.</li> </ul>
TC-41.10	Structural Beam Sign Supports	<b>Change</b>	<ul style="list-style-type: none"> <li>Removed Note 5 re. torque limiting nuts; renumbered subsequent notes.</li> <li>Removed torque limiting nuts that were shown.</li> <li>Corrected placement of Section B-B in Slip Design View (i.e., so that viewer is standing to left side of support, looking to right).</li> <li>Corrected fuse plate in this view, to include slots.</li> <li>Deleted metric references.</li> </ul>
TC-81.21	Single Arm Overhead Signal Support	<b>Change</b>	<ul style="list-style-type: none"> <li>Added sentence to Note 15 re. inner diameter of DTI washers.</li> <li>In Arm Attachment (Typ.) detail, added "(see Note 15)".</li> <li>Revised Pole Identification Tag height to correspond with CMS 732.11 info.</li> </ul>
MT-95.30	Closing Right or Left Lane of a Multi-Lane Divided Highway with Drums	<b>Change</b>	<ul style="list-style-type: none"> <li>Labeled shoulder taper on page 1.</li> <li>Removed "shadow vehicle" and "work area" dimensions on page 1; placed each in Legend.</li> <li>Deleted "Drums and Cones" label on page 1; revised Legend from Drums to Drums/Cones.</li> <li>Table II updated to include a row for a 70 mph speed limit. Also, revised Shoulder Taper Rate for 55 mph Speed Limit to 19:1.</li> </ul>

Drawing Number	Title	Revision Type *	Revision Description
MT-95.31	Closing Right Lane of a Multi-Lane Undivided Highway with Drums	Change	<ul style="list-style-type: none"> <li>• Labeled shoulder taper on page 1.</li> <li>• Removed “shadow vehicle” and “work area” dimensions on page 1; placed each in Legend.</li> <li>• Deleted “Drums and Cones” label on page 1; revised Legend from Drums to Drums/Cones.</li> <li>• Deleted Note 15 and moved that info. onto page 1 drawing (to be consistent with MT-95.41).</li> <li>• In Table II, revised Shoulder Taper Rate for 55 mph Speed Limit to 19:1.</li> </ul>
MT-95.32	Closing Left Lane of a Multi-Lane Undivided Highway with Drums	Change	<ul style="list-style-type: none"> <li>• Deleted “Drums and Cones” label on page 1; revised Legend from Drums to Drums/Cones.</li> <li>• Removed “shadow vehicle” and “work area” dimensions on page 1; placed each in Legend.</li> <li>• In Table II, revised Shoulder Taper Rate for 55 mph Speed Limit to 19:1.</li> </ul>
MT-95.40	Closing Right or Left Lane of a Multi-Lane Divided Highway with Portable Barrier	Change	<ul style="list-style-type: none"> <li>• On page 1, changed “TTB” to “PB” where label begins “Provide Type 3...”(also, revised “See Notes 14D, 14E” to “See Notes 14B, 14C”).</li> <li>• Deleted “Drums and Cones” label on page 1. (Cones not mentioned in notes; drums are shown in Legend.)</li> <li>• Removed “work area” dimension on page 1; placed it in Legend.</li> <li>• In Table II, revised Shoulder Taper Rate for 55 mph Speed Limit to 19:1.</li> </ul>
MT-95.41	Closing Right Lane of a Multi-Lane Undivided Highway with Portable Barrier	Change	<ul style="list-style-type: none"> <li>• Deleted “Drums and Cones” label on page 1. (Cones not mentioned in notes; drums are shown in Legend.)</li> <li>• On page 1, where label begins “Provide Type 3 Barricades...”, revised “See Notes 14D, 14E” to “See Notes 14B, 14C”).</li> <li>• In Table II, revised Shoulder Taper Rate for 55 mph Speed Limit to 19:1.</li> </ul>
MT-95.50	Supplemental Advanced Signs Used with Lane Closures	Change	<ul style="list-style-type: none"> <li>• In Note 3C, added “60 or” before “55 mph” in first sentence.</li> </ul>

Drawing Number	Title	Revision Type *	Revision Description
MT-95.61	Closure of Thru Lane of Three Lane Section With Two-Way Left Turn Lane	Change	<ul style="list-style-type: none"> <li>In Table II, revised Shoulder Taper Rate for 55 mph Speed Limit to 19:1.</li> </ul>
MT-95.70	Median Crossover – Single Lane	Change	<ul style="list-style-type: none"> <li>Updated Table II to include row for 70 mph speed limit; revised some values in “PB Flare Rate Min.” column to match those in L&amp; D Manual (Vol. 1).</li> </ul>
MT-95.71	Median Crossover – Multi-Lane	Change	<ul style="list-style-type: none"> <li>Updated Table II to include row for 70 mph speed limit; revised some values in “PB Flare Rate Min.” column to match those in L&amp; D Manual (Vol. 1).</li> <li>Removed column labeled “T (ft)”.</li> <li>Corrected sign code numbers on page 3.</li> </ul>
MT-97.10	Flagger Closing 1 Lane of a 2-Lane Highway – Stationary Operation	Change	<ul style="list-style-type: none"> <li>Updated Table II to include a row for 60 mph.</li> <li>Updated Table I, 3<sup>rd</sup> row, by changing “55 mph” to “55-60 mph”.</li> <li>Corrected sign code number on page 1.</li> </ul>
MT-97.11	Flagger Closing 1 lane of a 2-Lane Highway for Paving Operations (Non-Fed Only)	Change	<ul style="list-style-type: none"> <li>Updated Table II to include a row for 60 mph.</li> <li>Updated Table I, 3<sup>rd</sup> row, by changing “55 mph” to “55-60 mph”.</li> <li>Corrected sign code number on page 1.</li> <li>In Legend, revised Drums to Cones.</li> <li>In Note 11A, revised “...drums (cones)..” to “....cones...”.</li> <li>In paragraph beginning “Cones (drums) placed across...”, changed “Cones (drums)” to “Cones”.</li> </ul>

Drawing Number	Title	Revision Type *	Revision Description
MT-97.12	Flagger Closing 1 Lane of a 2-Lane Highway for Paving Operations (Fed)	Change	<ul style="list-style-type: none"> <li>• Updated Table II to include a row for 60 mph.</li> <li>• Updated Table I, 3<sup>rd</sup> row, by changing “55 mph” to “55-60 mph”.</li> <li>• Corrected sign code number on page 1.</li> <li>• In Legend, revised Drums to Cones.</li> <li>• In Note 11A, revised “...drums (cones)..” to “...cones...”.</li> <li>• In paragraph beginning “Cones (drums) placed across...”, changed “Cones (drums)” to “Cones”.</li> </ul>
MT-98.10	Lane Closure at Entrance Ramp	Change	<ul style="list-style-type: none"> <li>• Updated Table II to include row for 70 mph speed limit; revised some values in “PB Flare Rate Min.” column to match those in L&amp; D Manual (Vol. 1); also, revised Shoulder Taper Rate for 55 mph Speed Limit to 19:1.</li> <li>• Updated Table III by adding column for 75 mph mainline design speed.</li> </ul>
MT-98.11	Lane Closure at Entrance Ramp – Acceleration Lane	Change	<ul style="list-style-type: none"> <li>• Updated Table II to include row for 70 mph speed limit; revised some values in “PB Flare Rate Min.” column to match those in L&amp; D Manual (Vol. 1); also, revised Shoulder Taper Rate for 55 mph Speed Limit to 19:1.</li> <li>• Updated Table III by adding column for 75 mph mainline design speed.</li> </ul>

Drawing Number	Title	Revision Type *	Revision Description
MT-98.20	Lane Closure at Exit Ramp Using Drums	Change	<ul style="list-style-type: none"> <li>• On pages 1 and 2, updated Table III by adding column for 75 mph mainline design speed.</li> <li>• On pages 1 and 2, revised ramp opening length &amp; taper length to 420'.</li> <li>• Revised Note 1B b), second sentence, to "The W13-1P sign shall not be mounted below the permanent gore sign (E5-H1a)."</li> <li>• In Note 2A on page 3, revised table by adding 390' opening taper with 65 mph advisory speed. Also, revised ramp opening length in first sentence to 420'.</li> <li>• In Note 6A on page 3, revised a) by adding "and continuing to a point 500' beyond the physical gore."</li> </ul>
MT-98.21	Lane Closure at Exit Ramp Using Portable Barrier	Change	<ul style="list-style-type: none"> <li>• On pages 1 and 2, updated Table II to include row for 70 mph speed limit; revised some values in "PB Flare Rate Min." column to match those in L&amp; D Manual (Vol. 1).</li> <li>• On pages 1 and 2, updated Table III by adding column for 75 mph mainline design speed.</li> <li>• On pages 1 and 2, revised ramp opening length &amp; taper length to 420'.</li> <li>• Corrected sign code number on page 2.</li> <li>• On page 3, revised Note 1B b), second sentence, to "The W13-1P sign shall not be mounted below the permanent gore sign (E5-H1a)."</li> <li>• In Note 2A on page 3, revised table by adding 390' opening taper with 65 mph advisory speed. Also, revised ramp opening length in first sentence to 420'.</li> </ul>

Drawing Number	Title	Revision Type *	Revision Description
MT-98.22	Lane Closure in Deceleration Lane	Change	<ul style="list-style-type: none"> <li>• Updated Table II to include row for 70 mph speed limit; revised some values in “PB Flare Rate Min.” column to match those in L&amp; D Manual (Vol. 1); also, revised Shoulder Taper Rate for 55 mph Speed Limit to 19:1.</li> <li>• Updated Table III by adding column for 75 mph mainline design speed.</li> <li>• Revised 390’ ramp opening to 420’.</li> <li>• In Note 2A on page 2, revised table by adding 390’ opening taper with 65 mph advisory speed. Also, revised ramp opening length in first sentence to 420’.</li> </ul>
MT-98.28	Lane Closure within Exit Ramp	Change	<ul style="list-style-type: none"> <li>• On pages 1 and 2, updated Table II to include row for 70 mph speed limit; revised some values in “PB Flare Rate Min.” column to match those in L&amp; D Manual (Vol. 1); also, revised Shoulder Taper Rate for 55 mph Speed Limit to 19:1.</li> <li>• On pages 1 and 2, updated Table III by adding column for 75 mph mainline design speed.</li> <li>• Revised 390’ ramp opening to 420’ on page 2.</li> <li>• Corrected sign code number on page 2.</li> <li>• In Note 2A on page 3, revised table by adding 390’ opening taper with 65 mph advisory speed. Also, revised ramp opening length in first sentence to 420’.</li> </ul>
MT-98.29	Exit Ramp Closure	Change	<ul style="list-style-type: none"> <li>• Updated Table II to include row for 70 mph speed limit; revised some values in “PB Flare Rate Min.” column to match those in L&amp; D Manual (Vol. 1); also, revised Shoulder Taper Rate for 55 mph Speed Limit to 19:1.</li> <li>• Corrected sign code number on page 2.</li> </ul>

Drawing Number	Title	Revision Type *	Revision Description
MT-99.50	Freeway / Expressway Closure in Work Zones	Change	<ul style="list-style-type: none"> <li>Updated Table II to include row for 70 mph speed limit; revised some values in "PB Flare Rate Min." column to match those in L&amp; D Manual (Vol. 1); also, revised Shoulder Taper Rate for 55 mph Speed Limit to 19:1.</li> </ul>
MT-100.00	Work Zone Crossover Lighting System	Change	<ul style="list-style-type: none"> <li>Corrected luminaire mounting height dimension on Mounting Detail, Side View.</li> <li>Added "(See Table II)" to dimension E.</li> <li>Updated Table II to include row for 70 mph speed limit.</li> </ul>
MT-102.10	Lane Shift on a Multi-Lane Highway Using Portable Barrier	Change	<ul style="list-style-type: none"> <li>Updated Table II to include row for 70 mph speed limit; revised some values in "PB Flare Rate Min." column to match those in L&amp; D Manual (Vol. 1); also, revised Shoulder Taper Rate for 55 mph Speed Limit to 19:1.</li> </ul>
MT-102.20	Lane Shift on a Multi-Lane Highway Using Drums	Change	<ul style="list-style-type: none"> <li>Updated Table II to include row for 70 mph speed limit; revised some values in "PB Flare Rate Min." column to match those in L&amp; D Manual (Vol. 1); also, revised Shoulder Taper Rate for 55 mph Speed Limit to 19:1.</li> </ul>
MT-102.30	Speed Limit and Penalties Signing Used with Lane Shifts	Change	<ul style="list-style-type: none"> <li>In Note 3C, added "60 or" before "55 mph" in first sentence.</li> </ul>
MT-95.60, MT-95.82, MT-96.11, MT-96.20, MT-96.26, MT-99.20, MT-99.30, MT-101.60, MT-101.70, MT-101.90, MT-105.10, MT-110.10, MT-120.00		Editorial	<ul style="list-style-type: none"> <li>These drawings have been redrawn using the Office of Roadway Engineering's CADD standards.</li> </ul>
<b>Plan Insert Sheet</b>			
	PIS Index	Editorial	Updated per this revision.
209565	Maintaining Mainline Traffic Using Ramps	Change	<ul style="list-style-type: none"> <li>Updated Table II to include row for 70 mph speed limit; revised some values in "PB Flare Rate Min." column to match those in L&amp; D Manual (Vol. 1).</li> <li>Corrected sign code number on page 2.</li> <li>Corrected sign reference in Note 2J.</li> </ul>

Drawing Number	Title	Revision Type *	Revision Description
209572	Median Crossover of Passing Lane – Short Distance	Change	<ul style="list-style-type: none"> <li>• Updated Table II to include row for 70 mph speed limit; revised some values in “PB Flare Rate Min.” column to match those in L&amp; D Manual (Vol. 1).</li> <li>• Removed metric references. Updated references to Portable Concrete Barrier, to Portable Barrier.</li> <li>• Added * with note re. the experimental sign on page 1.</li> <li>• Revised Note 4H to address experimental sign.</li> <li>• In Note 4J, revised guide sign color to black on orange, and balance of note.</li> <li>• Added new Note 4N re. arrow board visibility; added “See Note 4N” next to W12-1 sign.</li> <li>• Added note in Portable Barrier section re. steel barrier.</li> <li>• On page 2, increased chevron marking spacing to that referenced in TC-72.20.</li> </ul>
209573	Median Crossover of Passing Lane – Long Distance	Change	<ul style="list-style-type: none"> <li>• Updated Table II to include row for 70 mph speed limit; revised some values in “PB Flare Rate Min.” column to match those in L&amp; D Manual (Vol. 1).</li> <li>• Removed metric references. Updated references to Portable Concrete Barrier, to Portable Barrier.</li> <li>• Added * with note re. the experimental sign on page 1.</li> <li>• Revised Note 4H to address experimental sign.</li> <li>• In Note 4J, revised guide sign color to black on orange, and balance of note.</li> <li>• Added new Note 4N re. arrow board visibility; added “See Note 4N” next to W12-1 sign.</li> <li>• Added note in Portable Barrier section re. steel barrier.</li> <li>• On page 3, increased chevron marking spacing to that referenced in TC-72.20.</li> </ul>
2010175	Impact Attenuator Placement	Change	<ul style="list-style-type: none"> <li>• Updated Table II to include row for 70 mph speed limit; revised some values in “PB Flare Rate Min.” column to match those in L&amp; D Manual (Vol. 1).</li> </ul>
2010180	Longitudinal Channelizer Detail	Change	<ul style="list-style-type: none"> <li>• Updated Table II to include row for 70 mph speed limit. Removed metric references.</li> </ul>