

OTE Standard Construction Drawing Revision Log January 21, 2005 Revision

The following is a detailed list of the changes made to the Index and the HL and TC series of the OTE Standard Construction Drawings (SCDs) as of January 21, 2005 (for your convenience in using the electronic version of this list, links (blue, bold and underlined) have been provided in the following menu):

"What's New" Page	Traffic Home Page	Revised OTE SCD Index Sheets
Revised HL drawings	Revised TC drawings	Revised MT drawings

Revision Involves:		Revision Type *	Revision Description
Drawing Number	Title		
<p>*Change - adding new information or revising existing information, more than an editorial change; New - adding a new drawing; Deletion - deleting a drawing; Editorial - 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>			
<p>OTE SCD Index Sheets [top of page]</p>			
		Editorial	Updated to reflect changes in this revision.
<p>HL series [top of page] Made various minor format/editorial revisions in all these drawings.</p>			
HL-10.12	Light Pole Details	Editorial	<p>In Note 4, deleted "shall meet the requirements of 725.18." Deleted existing Note 5 and renumbered the remaining notes. In Note 6 (new Note 5), deleted "meeting 725.01 requirements." Revised the Alternate Hand Hole, Hand Hole with Cover and Pole Top and Bracket Arm Assemblies details, to reflect deletion of Note 5. Revised the dimension above the "(See Note 5)" note in the Alternate Hand Hole detail from "11" - 19" (275 - 475 mm)" to "11 - 17 in (275 - 425 mm)." Corrected a reference to "Bottom Bracket Arm" to show "Top Bracket Arm" in the Pole Top and Bracket Arm Assemblies detail. In the top row, center detail: changed the title to "Light Pole Labels"; made changes to the dimensions and labeling; corrected the "7" (200 mm)" vertical dimension to "7 ft (2.1 m)"; and revised the labeling on the left side to indicate that the label "AB" is the "Power Service" and "12" is the "Circuit Number." In the Hand Hole with Cover detail, revised the dimension above the "See Note 5" note from "11' - 19' (275 - 475 mm)" to "11 - 17 in (275 - 425 mm)." Minor format/editorial revisions, included addition of the notation "nc = national coarse" (under the notes) for use with the English descriptions for screws and tapped holes.</p>
HL-20.13	Foundation and Junction Box Details - Median Mounted Light Poles, Type 3	Editorial	<p>Added new Note 9, and rearranged and renumbered the other notes. Revised the "Standard Construction Drawing MC-9" reference in Note 6 to "the Roadway Barrier Standard Construction Drawing" (new note 7). In note 7 (new Note 8), deleted the text after "725.10." Revised the junction box dimensions to a standard production box, and revised the note "S.S. Flat HD. Screws spaced as Needed to Achieve NEMA 4 Rating" to "S.S. Flat HD. Screws Spaced as Needed."</p>

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Drawing Number	Title		
HL-20.13 Continued			In detail A-A, corrected the 32 inch dimension to start at the top of the barrier and deleted the 6 inch dimension. Revised references to "EMT" to "SCH 40 PVC."
HL-20.14	Structure Lighting 1	Editorial	In note 3, deleted ", Pole Base Details"; and in note 4, deleted the text after "725.10." Deleted existing note 5 and renumbered the remaining notes. Revised the junction box to a standard production box. In the elevation view for the "...Pilaster For Bridge With Standard Roadway Railing," revised the label "d" to "a."
HL-20.21	Light Tower Foundations	Editorial	Deleted existing Note 7 and renumbered the remaining notes. In the Section B-B detail just left of the notes, revised the label "BC' Anchor Bolt Circle" to "BC' Bolt Circle." Revised "Foundation Without Maintenance Platform Foundation" to "Foundation Without Maintenance Platform." Revised the bending diagram title to "Spiral Bar Bending Diagram."
HL-30.11	Pull Box Details I	Editorial	In the Plan View of the Pull Box, revised the two notes on the left side of the detail, adding grounding information.
HL-30.22	Roadway Conduit Details II	Editorial	Added a reference to Note 1 to the note at the top of the detail for the Narrow Slit Type Trench. Corrected the title of this detail to "Narrow Slit Type Trench in Paved Area," and revised "703.02" to "703.02 Sand." In the "T" Trench detail, deleted references to "625.11" in two places.
HL-30.31	Structure Conduit Details I	Editorial	Revised the details to show the conduit routed around the footer for the approach parapet.
HL-30.33	Structure Conduit Details III	Editorial	Deleted Note 1, and revised the junction box dimensions to a standard production box.
HL-50.21	Structure Grounding for Steel Beam Bridge	Change	Revised the title to "Structure Grounding." Except for the one titled "Minimum Grounding of Bridges," moved all details previously on this SCD to three new additional pages. Deleted the "Minimum Grounding of Bridges" title. Added notes about fencing and light poles, and details for grounding bridge pilings, grounding planes, beam connections, and conduit grounding. Updated the detail previously titled "Each Ground at Fixed Pier" and labeled it "Steel Beam Continuity." Added a requirement to ground more than one anchor bolt in the "Light Pole Parapet Plan" detail; consolidated and revised the two previous Anchor Bolt Grounding details; and rearranged the Grounding Plate Details drawing for better clarity.
HL-50.22	Structure Grounding for Concrete Slab Bridge	Deletion	Has been superseded by the revision of SCD HL-50.21.
HL-60.12	Pole Wiring II	Editorial	Revised designation codes for lines to show AC terminology. Revised note for the "Wiring for Twin Luminaire Pole" detail to better describe wire routing.
HL-60.21	Tower Wiring Details	Editorial	Revised designation codes for lines to show AC terminology.

Revision Involves:		Revision Type *	Revision Description
Drawing Number	Title		
TC Series [top of page] Made various minor format/editorial revisions in all these drawings.			
TC-65.10	Raised Pavement Marker Installation Details	Change	<p>Revised the title to "Raised Pavement Marker Placement Details". In Note 1: in the first sentence deleted "two"; added "when single or double solid lines are used" at the end of the sentence; replaced the last sentences with, "However, despite these provisions, the markers shall also be placed a minimum of 2 inches (50 mm) away from a longitudinal or transverse joint." Also added the following as a second paragraph: "If approved by the Engineer, markers may be placed on the lines where the lines deviate visibly from their correct alignment or the construction joint will be within 2 inches (50 mm) of the marker."</p> <p>In Note 2 revised "casting manufacture" to "casting manufacturer."</p> <p>Replaced Notes 3 through 6 with the following new Note 3: "See Standard Construction Drawing TC-65.11 for spacing details."</p> <p>Deleted the casting and saw cut details.</p> <p>Deleted the title "Typical Raised Pavement Marker Placement with Longitudinal Pavement Markings" and made the following revisions: deleted the reference to one-way yellow markers for Edge Line; replaced the 2 inch dimension in the Lane Line detail drawing with "See Note 1"; replaced the 1 inch dimension in the Edge Line and Channelizing Line detail drawings with "See Note 1"; added "See Note 1" to the Center Line drawing; replaced the RPM longitudinal spacing information in all the details with "See Note 3"; and deleted the longitudinal joint shown in the Channelizing Line detail.</p> <p>Added references to the notes on several details, deleted the reference to one-way yellow markers for Edge Lines and deleted the title under the remaining details.</p>
TC-65.11	Raised Pavement Marker Details I	Change	<p>Revised the title to "Raised Pavement Marker Spacing Details" and expanded the drawing to two pages, incorporating information from TC-65.12.</p> <p>In Note 1, deleted "in the directional roadways."</p> <p>In Note 2, revised "multilane or divided roadways" to "multi-lane roadways and ramps" and revised "red/white" to "white/red."</p> <p>Revised the title of the top drawing from "ACCELERATION LANE" to "ENTRANCE RAMP"; removed the reference to "paved berm"; and revised the labels and dimensioning to show the 2-way yellow/red markers on the ramp stopping at the point that we now switch from yellow edge line to a white channelizing line. Also deleted the 6 foot and 25 foot dimensions.</p> <p>Revised the title of the second drawing from "DECCELERATION LANE" to "EXIT RAMP."</p> <p>Revised the title of the intersection drawing from "MULTILANE DIVIDED – CONTROLLED ACCESS" to "MULTI-LANE DIVIDED HIGHWAY."</p> <p>Revised the one-way (yellow) center line markers in the 4-Lane Divided to 2-Lane Transition detail to two-way (yellow/yellow) markers.</p>

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Drawing Number	Title		
TC-65.11 Continued			The notes from TC- 65.12 were incorporated, with the following revisions: in Note 7 (now Note 5), added "by adding edge line markers along the right edge line" at the end of the sentence; combined Notes 1 through 4 into a new Note 6, with the following new lead-in phrase, "The spacing for center line raised pavement markers shall be 80 feet (24 m) except for the following:". Revised old Note 4 to "On an intersection approach with a left-turn lane, a minimum of three equally spaced raised pavement markers shall be installed on the back taper." In the paragraph in new Note 6 related to curves of 5 degrees or greater, revised "380 m" to "1150 feet (380 m)." In the paragraph related to curves of 10 degrees or greater, revised "250 m" to "570 feet (170 m)."
TC-65.12	Raised Pavement Marker Details II	Deletion	Has been superseded by the revision of SCD TC-65.11.
TC-71.10	Words, Symbols and Arrows for Pavement Markings	Change	Revised the title to "Word and Symbol Pavement Markings." Revised the height dimensions for the arrow details to agree with the OMUTCD. In the Railroad detail, added a dimension for the width of the crossbars, 16 in (400 mm). Combined the information in the three tables into one. Revised the values for the B dimension from 32-80 feet (10-25 m) for rural, and 24-60 feet (7-18 m) for urban to 80 feet (25 m) for rural and 60 feet (18 m) for urban. In Note 2, revised the code number and title for the W-94. Revised and rearranged Note 3 to reflect the text in TEM Section 704 regarding SCHOOL word markings on two-way, two-lane and two-way, multi-lane highways. Replaced existing Note 5 with a new note regarding optional use of the word marking "ONLY."
TC-72.20	Freeway Entrance and Exit Pavement Markings	Change	Deleted all references to "paved berm." Added two notes, one about transverse lines and one about dotted lines; and added references to these notes. Added a table regarding diagonal line spacing. In the parallel acceleration lane drawing, added optional dotted line markings and a reference to Note 2. Also, revised the line on the mainline side of the entrance gore marking from white edge line to channelizing line. In the tapered acceleration drawing revised the yellow edge line extended beyond the physical gore to channelizing line. On both deceleration drawings, revised the spacing for the gore markings.
MT Series (No changes) [top of page]			