

# California High-Speed Train Project



## Request for Proposal for Design-Build Services

RFP No.: HSR 11-16  
Book 3, Part E, Subpart 1a

### Updates to Directive Drawings

Book 3, Part E, Subpart 1, Directive Drawings have been revised in accordance with the tables provided in this document.

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## Index

Drawings No.	Change	Page No.	CP01 AD.#
INDEX-1 CP1	Revised Directive Drawing, <i>INDEX-1 CP1, DIRECTIVE DRAWINGS, CONTRACT PACKAGE 1, SHEET INDEX</i> in Addendum No. 7 , Book 3 document titled "AD.7 - B3 - Pt E.1 - Directive Drawings-Excerpts.pdf	1	AD.7



## General Directive Drawings

Drawings No.	Change	Page No.	CP01 AD.#
DD-GE-003	<p>Changed Note E, including Sections a) through g) to:</p> <p>“E. CONCRETE COVER</p> <p>1. UNLESS OTHERWISE NOTED, MINIMUM CONCRETE COVER SHALL CONFORM TO AASHTO LRFD WITH CALTRANS AMENDMENTS TABLE 5.12.3-1 WITH THE FOLLOWING EXCEPTIONS:</p> <p>a) UNCASSED DRILLED SHAFTS: 6 INCHES</p> <p>b) CASSED DRILLED SHAFTS WITH TEMPORARY CASING: 4 INCHES”</p>	5	AD.5
DD-GE-003	<p>Changed Note C, Numbers “7”, “8”, and “9”, to Numbers “6”, “7” and “8”.</p>	5	AD.5
DD-GE-003	<p>Changed Note C, Number 6 to:</p> <p>“6. ALL CONSTRUCTION JOINTS IN EARTH RETAINING STRUCTURES AND IN STRUCTURES BELOW THE FINISH GRADE SHALL CONTAIN CONTINUOUS WATERSTOPS, AND SHALL HAVE REINFORCEMENT CONTINUOUS ACROSS ALL JOINTS. HYDROSWELLING STRIPS SHALL BE INSTALLED ON ALL JOINT SURFACES WHICH WILL BE EXPOSED TO EARTH AND PERMANENTLY UNDER THE GROUNDWATER ELEVATION.”</p>	5	AD.5
DD-GE-003	<p>Changed Note D, Number 1, Section c) to:</p> <p>“c) FORMED CAST-IN-PLACE STRUCTURAL CONCRETE:</p> <p>f’c (UNDER GROUND)=4000 PSI</p> <p>f’c (ABOVE GROUND)=5000 PSI”</p>	5	AD.5

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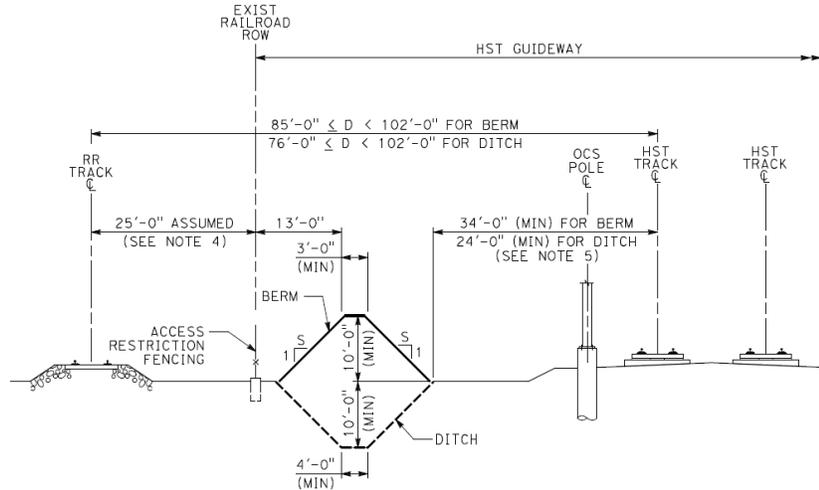
## Civil Directive Drawings

Drawings No.	Change	Page No.	CP01 AD.#
DD-CV-009	Changed and renumbered Note 3 to Note 5: "5. GRATE INSTALLATIONS SHALL BE COORDINATED WITH THE HYDRAULIC ENGINEER TO ENSURE PRESERVATION OF THE CULVERT FLOW CAPACITY."	22	AD.6
DD-CV-009	Added new Notes 3 and 4: "3. THE MAXIMUM DISTANCE FROM THE BOTTOM OF THE GRATE TO THE BOTTOM AND SIDE SLOPES OF THE WATER WAY CROSSING SHALL BE 6 INCHES. 4. THE MINIMUM HEIGHT OF THE GRATES SHALL BE SUCH THAT IT RESTRICTS ACCESS DURING ALL CONDITIONS (DRY, HIGH WATER, ETC)."	22	AD.6



Intrusion Protection Directive Drawings

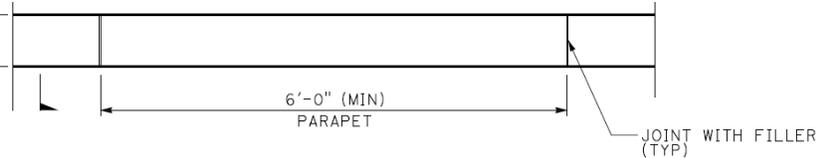
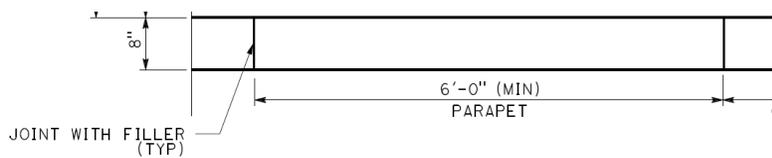
Drawings No.	Change	Page No.	CP01 AD.#
DD-IP-001	Added Note #6: "6. BERM MATERIAL AND COMPACTION SHALL BE SIMILAR TO EMBANKMENT."	37	AD.3
DD-IP-005	Revised Typical Section for Earthen Berm or Ditch; Distance range (for berm) between RR Track centerline and HST Track centerline revised from "86'-0" ≤ D < 102'-0" FOR BERM" to "85'-0" ≤ D < 102'-0" FOR BERM"	41	AD.3
DD-IP-005	Added Note #6: "6. BERM MATERIAL AND COMPACTION SHALL BE SIMILAR TO EMBANKMENT."	41	AD.3



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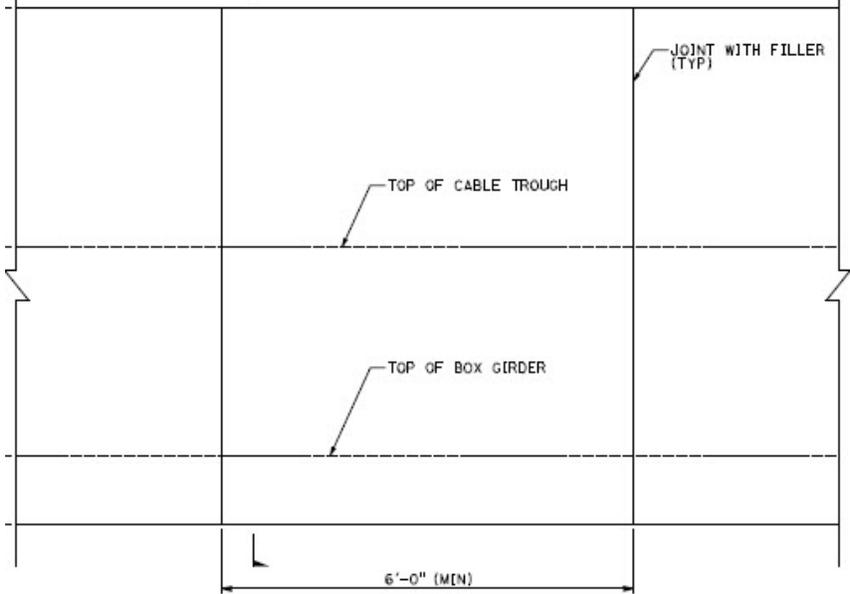


Structural Directive Drawings

Drawings No.	Change	Page No.	CP01 AD.#
DD-ST-003	<p>Cable Trough Plan: Added "(TYP)" after "JOINT WITH FILLER" and added "(MIN)" after the "6'-0"" dimension shown along the parapet</p>  <p style="text-align: center;"><b>CABLE TROUGH PLAN</b> SCALE: 1"=1'-0"</p>	48	AD.5
DD-ST-004	<p>Cable Trough at OCS Pole Plan: Added "JOINT WITH FILLER (TYP)" callout to the line between parapet walls and changed "(TYP)" to "(MIN)" after the "6'-0"" dimension shown along the parapet</p>  <p style="text-align: center;"><b>CABLE TROUGH AT OCS POLE PLAN</b></p>	49	AD.5
DD-ST-005	<p>Added Note 4:</p> <p>"4. AT CONSTRUCTION JOINTS OF CONCRETE PARAPETS, A JOINT WITH FILLER SHALL BE PROVIDED. IN ADDITION, A PARAPET EXPANSION JOINT SHALL BE DESIGNED AND PROVIDED AT EVERY AERIAL STRUCTURE AND BRIDGE EXPANSION JOINT LOCATION. THE INSIDE FACE OF JOINT OPENING SHALL BE COVERED WITH A GALVANIZED STEEL PLATE SECURELY FASTENED TO THE INSIDE FACE OF THE PARAPET ON ONE SIDE OF THE EXPANSION JOINT WITH A LENGTH OF THREE INCHES MORE THAN THE MAXIMUM JOINT MOVEMENT LENGTH."</p>	50	AD.5

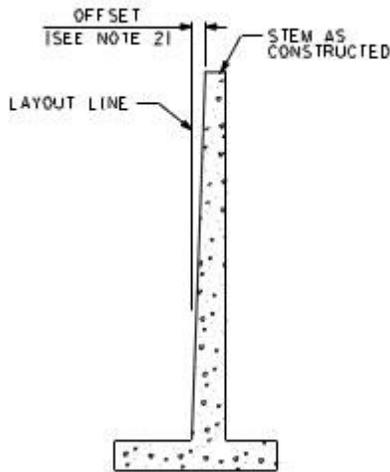
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Drawings No.	Change	Page No.	CP01 AD.#
DD-ST-005	<p>Elevation View: Added "(MIN)" to the middle "6'-0"" dimension, removed the left and right "6'-0"" dimensions and added "JOINT WITH FILLER (TYP)" callout to the line between parapet walls.</p>  <p style="text-align: center;"><b>CONCRETE PARAPET</b> ELEVATION VIEW</p>	50	AD.5
DD-ST-010	<p>Changed Note 2 to the following:</p> <p>"2. A 27'-0" MIN VERTICAL CLEARANCE SHALL BE MAINTAINED IN TUNNELS AS WELL AS THE MINIMUM TUNNEL CROSS-SECTIONAL AREA REQUIRED AS PER THE TUNNELS CHAPTER OF THE DESIGN CRITERIA."</p>	55	AD.5

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Drawings No.	Change	Page No.	CP01 AD.#
DD-ST-014	Remove wall offset value table and added "See Note 2" to offset dimension  	59	AD.3
DD-ST-014	Added Note #2  "2. WALL OFFSET SHALL BE DETERMINED BY THE PROJECT STRUCTURAL ENGINEER IN CONSULTATION WITH THE PROJECT GEOTECHNICAL ENGINEER BASED ON THE CONSTRUCTION METHOD AND SEQUENCING AND IN ACCORDANCE WITH PROJECT DESIGN CRITERIA."	59	AD.3

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## Systems Overall Directive Drawings

Drawings No.	Change	Page No.	CP01 AD.#
DD-SY-010	Revised drawing provided in Addendum No. 6 , Book 3 document titled "AD.6 - B.3, Pt E.1 - Directive Drawings-DD-SY-010.pdf"	61	AD.6



## Traction Power Directive Drawings

Drawings No.	Change	Page No.	CP01 AD.#
DD-TP-D401	Added Traction Power Directive Drawing, DD-TP-D401, CONCEPTUAL LOCATIONS, TRACTION POWER FACILITIES, in Addendum No. 7 , Book 3 document titled "AD.7 - B3 - Pt E.1 - Directive Drawings-Excerpts.pdf"	62.1	AD.7
DD-TP-F101	Added Traction Power Directive Drawing, DD-TP-F101, TYPICAL SINGLE CATENARY FEEDING GANTRY ARRANGEMENT, in Addendum No. 7 , Book 3 document titled "AD.7 - B3 - Pt E.1 - Directive Drawings-Excerpts.pdf"	62.2	AD.7
DD-TP-F102	Added Traction Power Directive Drawing, DD-TP-F102, TYPICAL SINGLE CATENARY FEEDING GANTRY ARRANGEMENT, Addendum No. 7 , Book 3 document titled "AD.7 - B3 - Pt E.1 - Directive Drawings-Excerpts.pdf"	62.3	AD.7
DD-TP-F103	Added Traction Power drawing, DD-TP-F103, TYPICAL CROSS SECTION, SYSTEMS 25KV, UNDERGROUND CONDUIT DUCT BANK, AT-GRADE, in Addendum No. 7 , Book 3 document titled "AD.7 - B3 - Pt E.1 - Directive Drawings-Excerpts.pdf"	62.4	AD.7

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## Overhead Contact System Directive Drawings

Drawings No.	Change	Page No.	CP01 AD.#
DD-OC-2046	Added Note #6: "6. THE GROUND PLATE SHALL BE NO LESS THAN 6"x6" IN DIMENSION."	66	AD.4

