
TP ATTACHMENT 1-2 – PROJECT STANDARDS

Table below provides a list of standards, manuals, and guidelines that Design-Builder must use to design and construct the Project, (collectively, the “Project Standards”). Except as otherwise specified in the Contract Documents or otherwise directed by RCTC, material and workmanship specified by the number, symbol or title of any standard established by reference to a described publication affecting any portion of the Project must comply with the latest edition or revision thereof and amendments and supplements thereto in effect on the date of issuance of the last addendum to the RFP. If the manual expires or revisions are issued during the course of the Project, contact RCTC to determine if it should continue to use the manual, use the revision, or if the standard, manual, or guideline will be replaced.

No.	Organization	Description	Format				
			Availability	Electronic	Hard Copy	PDF	CDROM
1	AASHTO	A Guide for Accommodating Utilities within Highway Right-of-Way	IS				
2	AASHTO	A Policy on Design Standards – Interstate System	IS				
3	AASHTO	A Policy on Geometric Design of Highways and Streets	IS				
4	AASHTO	A Policy On the Accommodation Of Utilities Within Freeway Right of Way	IS				
5	AASHTO	Load Resistance Factor design (LRFD) Bridge Design Specifications (Customary U.S. Units)	IS				
6	AASHTO	LRFD Bridge Construction Specifications,	IS				
7	AASHTO	Roadside Design Guide, Text with RSAP CD-ROMs and 2006 Chapter 6 Update	IS				
8	AASHTO	Roadway Lighting Design Guide	IS				
9	AASHTO	Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals, with 2010 Interims	IS				
10	AASHTO	Standard Specifications for Transportation Materials and Methods of Sampling and Testing, and Provisional Standards	IS				
11	ANSI	ANSI A300 (Part 1) - Pruning: Tree Care Operations - Tree, Shrub and Other Woody Plan Maintenance - Standard Practices	IS				
12	ANSI	ANSI Z133.1 - 2006. Standards for Arboricultural Operations: Safety Requirements	IS				
13	ANSI	ANSI Z60.1 American Standard for Nursery Stock	IS				
14	ANSI	Illuminating Engineering Society of North America Roadway Lighting ANSI Approved; RP-8-00 American National Standard Practice for Roadway Lighting	IS				
15	APWA	Southern California Chapter, Work Area Traffic Control Handbook (WATCH)	IS				
16	ASTM	American Society of Testing and Materials Standards	IS				
17	ATSSA	Guidelines for the Use of Portable Changeable Message Signs	IS				
18	ATSSA	Quality Standards for Work Zone Traffic Control Devices	IS				

No.	Organization	Description	Format				
			Availability	Electronic	Hard Copy	PDF	CDROM
19	Caltrans	215/91 Corridor Master Plan	E			X	
20	Caltrans	ARS ONLINE: Deterministic PGA Map and ARS Online Report, Fault Data Base, 2007 Fault Errata Report	W				
21	Caltrans	Bridge Construction Records and Procedures Manual, Volume I	W				
22	Caltrans	Bridge Construction Records and Procedures Manual, Volume II	W				
23	Caltrans	Bridge Design Aids	W				
24	Caltrans	Bridge Design Details	W				
25	Caltrans	Bridge Design Specifications (LFD Version)	W				
26	Caltrans	Bridge Memo To Designers	W				
27	Caltrans	Bridge Standard Detail Sheets-XS Sheets	W				
29	Caltrans	CADD Users Manual	W				
30	Caltrans	California Amendments to the AASHTO LRFD Bridge Design Specifications - V.4.0	W				
31	Caltrans	California Manual on Uniform Traffic Control Devices (CA MUTCD)	W				
32	Caltrans	California Seismic Hazard Map and Report	W				
33	Caltrans	California Test Methods	W				
34	Caltrans	Caltrans Environmental Handbook Volume 2 - Cultural Resources	W				
37	Caltrans	Caltrans Environmental Handbook Volume 3 - Biological Resources	W				
38	Caltrans	Caltrans Environmental Handbook Volume 4 - Community Impact	W				
39	Caltrans	Code of Safe Drilling Practices	W				
40	Caltrans	Code of Safe Surveying Practices	W				

No.	Organization	Description	Format				
			Availability	Electronic	Hard Copy	PDF	CDROM
41	Caltrans	Compatibility Specifications for Automatic Vehicle Identification Equipment (Title 21)	W				
42	Caltrans	Construction Manual	W				
43	Caltrans	Construction Policy Bulletins	W				
44	Caltrans	Construction Procedures Directives	W				
45	Caltrans	Deputy Directives by Number	W				
46	Caltrans	Design Information Bulletins	W				
47	Caltrans	Design Memoranda	W				
48	Caltrans	District 8 Drainage Report Submittal Guidance Memorandum	E	X		X	
49	Caltrans	Encroachment Permits Manual	W				
50	Caltrans	EZ Guide	W				
51	Caltrans	Fiber Optic Design Guidelines	W				
52	Caltrans	Foundation Manual	W				
53	Caltrans	Foundation Report Preparation For Bridge Foundations	W				
55	Caltrans	Geotechnical Manual	W				
56	Caltrans	Geotechnical Services Design Manual	W				
57	Caltrans	Geotechnical Services Reports Titles and Guidelines	W				
58	Caltrans	Guidelines for Preparing Geotechnical Design Reports	W				
59	Caltrans	Guidelines for Structures Foundation Reports	W				
60	Caltrans	Highway Design Manual	W				
61	Caltrans	HOV Guidelines for Planning, Design and Operations	W				

No.	Organization	Description	Format				
			Availability	Electronic	Hard Copy	PDF	CDROM
62	Caltrans	Landscape Architecture PS&E Guide	W				
63	Caltrans	Local Agency Structure Representative Guidelines	W				
64	Caltrans	Maintenance Manuals	W				
65	Caltrans	Overhead Sign Foundation Guidelines	W				
66	Caltrans	Pavement Policy Bulletins	W				
67	Caltrans	Pavement Tapers and Transitions Guide	W				
68	Caltrans	Plans Preparation Manual	W				
69	Caltrans	Project Development Procedure Manual	W				
70	Caltrans	Ramp Meter Design Manual	W				
71	Caltrans	Safety Manual	W				
72	Caltrans	Seismic Design Criteria	W				
73	Caltrans	Signal, Lighting, and Electrical System Design Guide	W				
74	Caltrans	Soil and Rock, Logging, Classification, and Presentation Manual	W				
75	Caltrans	Statewide Storm Water Management Plan (SWMP)	W				
76	Caltrans	Storm Water Quality Handbook: Project Planning and Design Guide	W				
77	Caltrans	Staking Information Booklet	W				
78	Caltrans	Surveys Manual	W				
79	Caltrans	The Plant Setback and Spacing Guide					
80	Caltrans	Trenching and Shoring Manual	W				
81	CAPUC	G.O. 128 - Rules for Construction of UG Electric Supply & Communication Systems	W				

No.	Organization	Description	Format				
			Availability	Electronic	Hard Copy	PDF	CDROM
82	City of Corona	Planning Division Design Guidelines	W				
83	City of Corona	Public Works Standard Plans and Special Provisions	W				
84	City of Corona	Existing and Proposed Bicycle Facilities	W				
85	City of Corona	Special Provisions, Section T - Traffic Signals and Street Lights Supplement and amendment to the Standard Specifications for Public works Construction (Green book)	E	X		X	
86	City of Corona	Standard Plans and Specifications for Water and Sewer	W				
87	City of Corona	Department of Water and Power Design Policy	W				
88	City of Corona	Local Streets Within The City Of Corona Impacted By The SR-91 Corridor Improvement Project Letter	E			X	
89	County of Orange	Orange County Hydrology Manual	W				
90	County of Orange	Orange County Local Drainage Manual	W				
91	County of Riverside	Signal and Lighting, Special Provisions	E	X		X	
92	County of Riverside	Road Improvement Standards & Specifications (Ordinance 461)	W				
93	CTOC	Technical Specifications for Interagency Electronic Data Interchange	IS				
94	Greenbook Committee	Standard Specifications for Public Works Construction (Greenbook), including all supplements	IS				
95	International Society of Arboriculture (ISA)	Best Management Practices: Tree Pruning	IS				
96	NCHRP	Report 350, Recommended Procedures for the Safety Performance Evaluation of Highway Features	W				
97	RCFC&WCD	Riverside County Flood Control & Water Conservation District Hydrology Manual	W				
98	RCFC&WCD	Riverside County Flood Control & Water Conservation District Standard Drawings	W				

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			Availability	Electronic	Hard Copy	PDF	CDROM
99	RCTC	Right Of Way Policies and Procedures	E	X		X	
100	Various	Western Riverside County MSHCP Sections 6.1.4 [Guidelines Pertaining to the Urban/Wildlands Interface] and 7.5 [Guidelines for Facilities within Criteria Areas and Public/Quasi Public Lands]	W				
101	FHWA	Manual on Uniform Traffic Control Devices	W				
102	BNSF/UP	BNSF Railway – Union Pacific Railroad Guidelines for Railroad Grade Separation Projects	W				

Availability Legend:

IS = Industry standard, Design-Builder's responsibility to acquire

W = standard is available as download on the organization's web site, Design-Builder's responsibility to acquire.

E = document to be given to Design-Builder in electronic format