

**Historical Design Guidance  
SSPs**

06-01-11

In general, design guidance was not copied from the 2006 SSPs into the 2010 SSPs. In addition to the instructions included in the 2010 SSPs, owners wish to retain the design guidance shown in the following table:

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
SN-000	OE	A 05-20-11	--	SN-000. Special Notice Heading. Do not add. Inserted by boilerplate merge.	--
SN-001	OE	A 05-20-11	--	SN-001. Use for a project with a risk-advertisement-pending budget and an estimated cost of \$25 million or more. Do not add. Inserted by boilerplate merge.	--
SN-002	OE	A 05-20-11	--	SN-002. Use for a project with a risk-advertisement-pending budget and an estimated cost of less than \$25 million. Do not add. Inserted by boilerplate merge.	--
SN-003	OE	A 05-20-11	--	SN-003. Use for a project requiring a SSPC QP certification. Do not add. Inserted by boilerplate merge.	--
SN-012	OE	A 05-20-11	--	SN-012. Use for a building-construction federal-aid project. Do not add. Inserted by boilerplate merge.	--
SN-020	OE	A 05-20-11	--	SN-020. Use if the district anticipates felling and removal of timber from within the project limits.	--
SN-220	OE	A 05-20-11	--	SN-220. Use for a project with a mandatory prebid meeting. Do not add. Inserted by boilerplate merge.	--
SN-290	OE	A 05-20-11	--	SN-290. Use for an informal-bid contract with a mandatory prebid site tour. Do not add. Inserted by boilerplate merge.	--
SN-310	OE	A 05-20-11	--	SN-310. Use for a project with an estimated cost less than \$200 million with a 60-day award period. Do not add. Inserted by boilerplate merge.	--
SN-315	OE	A 05-20-11	--	SN-315. Use for a contract with an early return of documents and early start of work. Do not add. Inserted by boilerplate merge.	--
SN-410	OE	A 05-20-11	--	SN-410. Use if SSP 8-1.04G is used.	--

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SN-935	OE	A 05-20-11	--	SN-935. Use for a BATA project that will not be funded until after bid opening.	--
SN-936	OE	A 05-20-11	--	SN-936. This special notice is automatically inserted for Friday bid openings. If your project has a special bid opening date other than Friday, include this special notice manually and revise the bid opening time and location in the Notice to Bidders for your special case.	--
STDPLN	OE	A 05-20-11	Standard Plans List	USE WITH 2010 STANDARDS.	
0-SP	OE	A 05-20-11		0-SP. Insert special provisions between corresponding headings and caret separations. Delete headings and carets if you do not insert special provisions between them. Do not use a reserved heading without authorization from the OCCS Chief.	
0-RSS	OE	A 05-20-11		0-RSS. Insert RSSs (1) between the corresponding headings and caret separations and (2) after the publication information. Delete headings, publication information, and carets of sections without RSSs. Do not use a reserved heading without authorization from the OCCS Chief. If an RSS is inserted in a section, replace mm-dd-yy with the publication date.	
1-1.01	OE	A 05-20-11		Section 1-1.01. Use for any bid item that has a code that does not correspond to the specification section number. Delete nonapplicable rows. Add rows for nonstandard items.	
1-1.07B	OE	A 05-20-11		Section 1-1.07B. Use for an informal-bid contract with a 7-day work week. Use the 1st "working day" and its definition if every day except a weather day is a working day and delete the 2nd "working day" and its definition. Use the 2nd "working day" and its definition if every day is a working day and delete the 1st "working day" and its definition.	
1-1.09	OE	A 05-20-11		Section 1-1.09. Use in a freeze-thaw area.	

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2-1.03	OE	A 05-20-11		Section 2-1.03. Use if the district requests a mandatory prebid meeting.	
2-1.06B	OE	A 05-20-11		Section 2-1.06B. Use if supplemental project information is available. List supplemental project information available. Insert location in 4th row. For a District 05 project, insert 1150 LAUREL LN STE 175 SAN LUIS OBISPO CA For a District 06 project, insert 855 M ST STE 200 FRESNO CA For a District 10 project, insert 611 SAN JUAN AVE STOCKTON CA Delete nonapplicable rows.	
3-1.04	OE	A 05-20-11		Section 3-1.04. Use for a project with an estimated cost less than \$200 million with a 60-day award period or an informal-bid contract.	
3-1.18	OE	A 05-20-11		Section 3-1.18. Use for a same-day-award contract or a contract with an early return of documents and early start of work.	
5-1.09A	CS	A 05-20-11	--	Section 5-1.09A. Use for a project with an estimated cost over \$10 million and with 100 or more working days.	
5-1.20A	CS	A 05-20-11	--	Section 5-1.20A. Use if work under other contracts is at or near the job site. Identify the other contracts.	
5-1.20D	CS	A 05-20-11		Section 5-1.20D. Use for right-of-way parcels that have not been cleared and may be occupied.	
5-1.36D	CS	A 05-20-11		Section 5-1.36D. Use if utilities are to be relocated during construction or if utilities are involved with pile driving, drilling, or substructure construction.	
5-1.37B(3)	CS	A 05-20-11		Section 5-1.37B(3). Use if (1) a bridge with a material hauling equipment lane is over 400 feet long (2) if the designer allows more	

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				than 1 piece of equipment on the bridge at one time. Insert number of pieces provided by designer.	
6-2.03	CS	A 05-20-11		Section 6-2.03. Use for Department-furnished materials. Add items as necessary. Delete any item not furnished by the Department. Change Model 170 controller assembly as applicable. Insert the plant numbers as shown on the plans and address where the Contractor is to pick them up	
7-1.02K(6)(e)	CS	A 05-20-11		Section 7-1.02K(6)(e). Use if scaffolding may be constructed over or adjacent to traffic.	
7-1.02K(6)(j)(iii)	CS	A 05-20-11		Section 7-1.02K(6)(j)(iii). Use if: 1. Earth material will be disturbed 2. Work could result in lead exposure 3. Earth material is not a hazardous waste 4. Earth material does not require disposal in a permitted landfill Activities that disturb earth material and could result in lead exposure include clearing and grubbing, excavating, trenching, grading, drilling, planting, constructing foundations, installing signs, and installing posts. Driving vehicles on unpaved surfaces is not included because it is covered by dust control specifications. Consult with the district hazardous waste technical specialist regarding use and editing of this SSP.	You must have knowledge of lead concentrations. You must have site-specific lead data if earth material may be relinquished to the Contractor. Use the following bid item code (1 per project): 190110 Lead Compliance Plan Do not use with SSPs S5-740, 19-900, or 07-330.
7-1.02M(2)	CS	A 05-20-11		Section 7-1.02M(2). Use if requested by the district and under the applicable forest service permit.	
7-1.11D	CS	A 05-20-11		Section 7-1.11D. Use in a project that requires a number of trainees or apprentices. Insert number of trainees or apprentices.	
8-1.02A	CS	A 05-20-11	--	Section 8-1.02A. Use for special order of	

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				work requirements.	
8-1.02C	CS	A 05-20-11		Section 8-1.02C. Use for a project with an estimated cost from \$1 to \$5 million and over 250 working days if requested by the district.	
8-1.04C	CS	A 05-20-11		Section 8-1.04C. Use for a project with an estimated cost of \$5 million or more and with 200 or more working days. Do not use this SSP for maintenance or building projects. Obtain concurrence from the district or region construction deputy director or chief if you are: 1. Not using the SSP in a project complying with the SSP use instructions 2. Using the SSP in a project not complying with the SSP use instructions 3. Changing the 55-day period 4. Adding or deleting submittals to par. 3 or 6 except as described in the instructions Use for a delayed start to procure materials as a 1st order of work. For this case, the project need not comply with the above instructions and concurrence from the district or region construction deputy director or chief is not required.	
8-1.04D	CS	A 05-20-11		Section 8-1.04D. Use for an early return of documents and early start of work. Use only with approval by DES-OE Contract Awards and Services.	
8-1.04E	CS	A 05-20-11		Section 8-1.04E. Use for an informal-bid contract.	
8-1.04F	CS	A 05-20-11		Section 8-1.04F. Use for a highway maintenance or Minor A project with 50 working days or less.	
8-1.04G	CS	A 05-20-11		Section 8-1.04G. Use for a project with minimum financing in the 2010-2011 FY budget. Do not include for bid openings after the 2011-2012 FY budget becomes law.	
8-1.05	CS	A 05-20-11		Section 8-1.05. Use for (1) a highway	

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				<p>maintenance or Minor A project with 50 working days or less or (2) a project with minimum financing in the 2010-2011 FY budget and 50 working days or less. Do not use for bid openings after the 2011-2012 FY budget becomes law.</p> <p>Insert the date of the end of the construction season (month day, year).</p>	
8-1.10A	CS	A05-20-11	--	<p>Section 8-1.10A. Use for a cost-plus-time contract</p> <p>In the 1st blank, insert the RUC. In the 2nd blank, insert the route number on which the RUC was based.</p>	
8-1.10B	CS	A05-20-11		<p>Section 8-1.10B. Use for a work part that must be completed within a specified time. Insert work part, time, and damages. Use a similar clause for each work part that must be completed within a specified time.</p>	
8-1.10C	CS	A05-20-11		<p>Section 8-1.10C. Use for a work part that must be completed by a specified date. Insert work part, date, and damages. Use a similar clause for each work part that must be completed by a specified date.</p>	
9-1.11	CS	A05-20-11		<p>Section 9-1.11. Use if building work is over 50 percent of the estimated bid item total.</p>	
9-1.16C	CS	A05-20-11		<p>Section 9-1.16C. Use for a project that has (1) at least 90 working days except plant establishment, (2) an estimated cost of over the minor B threshold, and (3) items shown in the table below or that are custom fabricated.</p> <p>Add items as necessary.</p> <p>Add prefabricated items that typically take more than 60 days to fabricate and ship to the job site.</p> <p>Delete any item that has (1) a material value under \$1,000 for a project with an estimated cost of \$1 million or less or (2) a material value under \$5,000 for a project with an estimated cost over \$1 million.</p> <p>Delete prestressing items if (1) the project</p>	

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				has less than 120 working days and (2) the prestressed structures have a value under \$500,000. Delete piling if the only piling on the project is CIDH piling. If the project has CIDH piling and other piling, add an appropriate modifier to "Piling" (e.g., steel piling).	
10-2.02A	BD	A 05-20-11	General	Section 10-2.02A. Use for a project designed under the LEED 2009 Reference Guide. Delete paragraphs for credits not sought. Renumber a list if any item is deleted. If 1 item remains after deleting items, combine that item with the list introduction.	For LEED Specification Guidance, go to the SPI Web site.
10-2.02B	BD	A 05-20-11	Construction Waste Management	Section 10-2.02B. Use for a building project designed under the 2009 LEED Reference Guide if MR Credit 2 is sought.	For LEED Specification Guidance, go to the SPI Web site.
10-2.02C	BD	A 05-20-11	Department Commissioning	Section 10-2.02C. Use for a building project designed under the LEED 2009 Reference Guide if the Department is to perform the commissioning.	For LEED Specification Guidance, go to the SPI Web site.
10-2.02D	BD	A 05-20-11	Third-Party Commissioning	Section 10-2.02D. Use for a building project designed under the LEED 2009 Reference Guide if a third party is to perform the commissioning.	For LEED Specification Guidance, go to the SPI Web site.
10-2.02E	BD	A 05-20-11	Indoor Air Quality Management	Section 10-2.02E. Use for a building project designed under the LEED 2009 Reference Guide if IEQ Credit 3.1 or 3.2 is sought. If seeking only 1 of the 2 credits, delete specifications for the other.	For LEED Specification Guidance, go to the SPI Web site.
11-2.01	BR	A 05-20-11	--	Section 11-2.01. Use for PC concrete QC for work not already covered in sections 49 and 51 for which PC concrete QC is to apply. List the specific description of work. Confirm with Prestressed Concrete Committee and Structure Construction before using.	--
11-2.04B	BR	A 05-20-11	--	Section 11-2.04B. Use to revise the review times for the PC concrete QC plan.	--
11-3.02A	BR	A 05-20-11		Section 11-3.02A. Use for welding QC for	--

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			--	work not already covered in sections 49, 52, 55, 75-1.03C, and 99-05120 for which welding quality control is to apply. List the specific description of work This work must be structural in nature and compliance with this section has been requested by OSD or METS.	
12-2	TT	A 05-20-11	Construction Project Funding Signs	Section 12-2. Except seal coat, surfacing, and seismic projects, use on all projects with an estimated contract cost of \$750,000 or more and 50 working days or more. Use 70 working days minimum when Saturdays or holidays are counted as working days. Do not count plant establishment days.	Contact HQ Traffic Operations on need for project funding sign details. NOTES: When projects are located within city or urban areas, District must ensure space is available for signs.
12-3.05	TT	A 05-20-11	Portable Flashing Beacons	Section 12-3.05. Use if portable flashing beacons are specified or shown.	Include supplemental funds in the BEES for change order work.
12-3.08B(2)	TS	A 05-20-11	Type K Temporary Terminal Section	Section 12-3.08B(2). Use for a connection between Type K temporary railing and Type 50 concrete barrier.	Include standard plan T5.
12-3.12C	TT	A 05-20-11	--	Section 12-3.12C. Use (1) to specify a start time for portable changeable message signs, (2) to specify number and location of portable changeable message signs, or (3) for newly installed traffic signals.	--
12-3.13	TT	A 05-20-11	Impact Attenuator Vehicle	Section 12-3.13. Use (1) for the shadow vehicle in a moving lane closure, or (2) if a shadow vehicle is required to place and remove components of a stationary lane closure.	Use this SSP with any of the following standard plans: T10, T10A, T14, T15, T16, and T17. Do not use this SSP with the following standard plans unless authorized by District Construction: T11, T12, and T13.
12-3.14	TT	A 05-20-11	Temporary Traffic Screen	Section 12-3.14. Use if temporary traffic screen is included in the project as a "Gawk" screen and is not on railing separating opposing traffic.	Include standard plan T4
12-3.16	TE	A 05-20-11	Temporary Signal System	Section 12-3.16. Use if temporary signal system is included.	--
12-3.17	TE	A 05-20-11	Temporary Flashing Beacon System	Section 12-3.17. Use if temporary flashing beacon and sign illumination is required.	--
12-4.01	TO	A 05-20-11	--	Section 12-4.01. Use if closures are not	--

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				allowed or if miscellaneous payment clauses are required.	
12-4.02	TO	A 05-20-11	--	Section 12-4.02. Use if work will be performed over, on, or adjacent to lanes carrying traffic, including contiguous or adjacent shoulders.	If delays of more than a few minutes are anticipated, advance warning and advisory signs must be erected in order for motorists to consider alternative routes. For miscellaneous usable waterways not provided for by agreement, check for other agreements or agency controlling navigation. U.S. Coast Guard generally controls navigable waterways at bridges. U.S. Dept of Army controls certain improved waterways, regarding dredging, buoys, and construction but does not control navigation. See Memo to Designers 14- 19, Figure 1, for approximate length of pavement lighting between portals.
12-4.03	TO	A 05-20-11	--	Section 12-4.03. Include for emergency force account contracts and if estimated damages equal or exceed \$6,000 per hour for a mainline segment or a connector closure.	--
12-4.04	TO	A 05-20-11	--	Section 12-4.04. Use if designated legal holidays or special days are included.	Edits do not require approval by the SSP Owner, but must be made by the District Traffic Manager, based on regional requirements.
12-4.05B	TO	A 05-20-11	--	Section 12-4.05B. Use for multilane highways. Edit the chart title and use as many charts as needed.	--
12-4.05C	TO	A 05-20-11	--	Section 12-4.05C. Use for complete freeway or expressway closure. Edit the chart title and use as many charts as needed.	--
12-4.05D	TO	A 05-20-11	--	Section 12-4.05D. Use for connector closure. Edit the chart title and use as many	--

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				charts as needed. Use "Complete Connector Closure Hours" as the chart title for a complete connector closure. Use "Connector Lane Requirements" as the chart title for a lane closure on a connector with multiple lanes.	
12-4.05E	TO	A 05-20-11	--	Section 12-4.05E. Use for ramp closure. Edit the chart title and use as many charts as needed. Use "Complete Ramp Closure Hours" as the chart title for a complete ramp closure. Use "Ramp Lane Requirements" as the chart title for a lane closure on a ramp with multiple lanes.	--
12-4.05F	TO	A 05-20-11	--	Section 12-4.05F. Use for conventional highways. Edit the chart title and use as many charts as needed.	--
12-4.05G	TO	A 05-20-11	--	Section 12-4.05G. Use for complete closure on conventional highways. Edit the chart title and use as many charts as needed.	--
12-5_X1	TT	A 05-20-11	Traffic Control System for Lane Closure	Section 12-5. Use for stationary and moving lane closures on (1) multilane highways, (2) multilane highways for seal coat projects, and (3) 2-lane, 2-way highways for seal coat projects.	If only stationary lane closures are required on multilane highways, use SSP 12-5_X2. If lane closures are required on both multilane and 2- lane, 2- way highways, other than seal coat projects, use SSP 12-5_X3. If only stationary lane closures are required on 2- lane, 2- way highways with reversible control, use SSP 12-5_X4.
12-5_X2	TT	A 05-20-11	Traffic Control System for Lane Closure	Section 12-5. Use for stationary lane closures on multilane highways without moving lane closures.	If lane closures are required on both multilane and 2- lane, 2- way highways, use SSP 12-5_X4.
12-5_X3	TT	A 05-20-11	Traffic Control System for Lane Closure	Section 12-5. Use for stationary and moving lane closures on 2-lane, 2-way highways.	Use SSP 12-5.02_X1 for seal coat projects.
12-5_X4	TT	A 05-20-11	Traffic Control System for Lane Closure	Section 12-5. Use for stationary lane closures on 2-lane, 2-way highways without moving lane closures.	Use SSP 12-5.02_X1 for seal coat projects.
12-8_X1	TT	A 05-20-11	Temporary	Section 12-8. Use if existing pavement	If it is anticipated that temporary

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			Pavement Delineation	delineation will be obliterated on lanes open to traffic and the following: 1. The only temporary pavement delineation required on the project is for lane lines, centerlines, and edge lines 2. Temporary pavement delineation can be replaced with the planned permanent pavement delineation within 14 days 3. Temporary pavement delineation provided in this SSP is sufficient for the type of work involved and anticipated traffic volumes 4. Temporary pavement delineation is not shown except for construction detail(s) specifying temporary lane line delineation requiring black contrast marking for white, painted lane lines	pavement delineation may be in place on lanes open to traffic longer than 14 days or if a more durable delineation is required, use SSP 12-8_X3.
12-8_X2	TT	A 05-20-11	Temporary Pavement Delineation	Section 12-8. Use on seal coat projects.	--
12-8_X3	TT	A 05-20-11	Temporary Pavement Delineation	Section 12-8. Use if (1) existing pavement delineation will be obliterated on lanes opened to traffic and (2) temporary pavement delineation will be in place longer than 14 days but less than 180 days.	NOTE: Use permanent delineation SSPs and bid items for temporary pavement delineation locations to be in place longer than 180 days. Provide for removal by separate bid item if removal is required. Temporary pavement markers used in addition to temporary traffic stripe must be shown.
13-1.01A	WP	A 05-20-11	--	Section 13-1.01A. Use for WPCP and SWPPP projects to specify RWQCBs requesting review of the WPCP or SWPPP. Do not use this SSP if the Lahontan RWQCB is the only RWQCB for the project.	--
13-1.03C	WP	A 05-20-11	--	Section 13-1.03C. Use to modify any of the following: 1. Inspection schedule for temporary concrete washouts 2. Schedule for street sweeping 3. Inspection schedule for the active treatment	--

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13-10.03A	WP	A 05-20-11	--	Section 13-10.03A. Use to specify conditions that would allow the use of gravel-filled bags for temporary drainage inlet protection without Type K temporary railing.	--
13-2.01A	WP	A 05-20-11	--	Section 13-2.01A. Use for WPCP projects that qualify for an Erosivity Waiver.	Guidance for project engineers and resident engineers is available from the Office of Storm Water Management Design
13-3.01A	WP	A 05-20-11	--	Section 13-3.01A. Use for all SWPPP projects to specify the project risk level.	For all SWPPP projects, whether risk level 1, 2, or 3, include the following bid items: 1. 074019 Prepare Storm Water Pollution Prevention Plan 2. 074057 Storm Water Annual Report For a risk level 2 or risk level 3 project, include the following additional bid item items: 1. 074056 Rain Event Action Plan 2. 074058 Storm Water Sampling and Analysis Day For all SWPPP projects, whether risk level 1, 2, or 3, include supplemental funds under BEES item 066597 Storm Water Sampling and Analysis.
13-6.03C	WP	A 05-20-11	--	Section 13-6.03C. Use to specify the use of specific types of temporary drainage inlet protection for the project.	--
13-6.03H	WP	A 05-20-11	--	Section 13-6.03H. Use to specify the type of temporary reinforced silt fence. Do not use this SSP if the type is shown on the plans.	--
13-7.03D	WP	A 05-20-11	--	Section 13-7.03D. Use if the project includes a bid item for street sweeping and the requirements in section 13-4.03F are not enough for this project or if more than 1 street sweeper is required.	--
13-8.01A	WP	A 05-20-11	--	Section 13-8.01A. Use to include regulatory orders or permits that apply to discharge of nonstormwater or other treated water on the project.	--
13-9.03	WP	A 05-20-11	--	Section 13-9.03. Use if the temporary	--

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				concrete washouts may be used to collect different types of waste other than that specified in the 3rd par. of section 13-9.03.	
14-1.02	EM	A 05-20-11	Environmentally Sensitive Area (ESA)	Section 14-1.02. Use if there is an ESA for the management of environmental resources such as archaeological sites, existing vegetation, or biological habitats. Do not edit this SSP to include district biologist approvals or mitigation measures such as revegetation methods or wildlife relocation.	Exact locations of ESA boundaries will be marked on the ground by district environmental staff or the environmental-construction liaison. Place a note in the RE pending file directing the Engineer to consult with district environmental staff or environmental-construction liaison to confirm ESA boundaries and to obtain guidance for assistance with staking operation or to grant access within the ESA. Include the ESA action plan in the RE pending file. This plan should include protection and access requirements, active and inactive times, and other information that may be helpful to construction staff in protecting the ESA during job construction. Show ESAs on plan sheets. Because some types of ESAs have different regulatory requirements, such as cultural and archaeological sites, the exact nature of the ESA should not be described on the plans. ESA boundaries should be readily apparent to construction staff possibly by using orange plastic fencing. However, the public awareness caused by increased visibility must be considered. Use bid item 071325 Temporary Fence (Type ESA). If another type of enclosure is defined create a bid item for it.
14-11.03	EH	A 05-20-11	Material Containing Hazardous Waste Concentrations of	Section 14-11.03. Use if material containing aerielly deposited lead at concentrations over hazardous waste thresholds is present	Hazardous waste lead concentrations are: total lead greater than 1000 mg/kg or soluble lead greater than 5.0 mg/l.

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			Aerially Deposited Lead	and will be stockpiled, transported in the right of way, placed within project limits using the DTSC variance, or disposed of in a landfill. Use bid item 190110 Lead Compliance Plan (one per project).	Average concentrations (based upon the appropriate UCL) are used. Use with 16-1.03A_X2 Use SSP 14-11-04, "Minimal Disturbance of Material Containing Hazardous Waste Concentrations of Aerially Deposited Lead" for projects or areas within a project with lead concentrations over hazardous waste thresholds but with only minor soil disturbance where all disturbed material can remain within the area of disturbance. Use SSP 15-027 "Earth Material Containing Lead" for projects with lead concentrations below hazardous waste thresholds. Use bid item: 190110 Lead Compliance Plan (one per project). Use the following bid items as applicable: 190107 Roadway Excavation (Type Y- 1) (Aerially Deposited Lead) 190108 Roadway Excavation (Type Y- 2) (Aerially Deposited Lead) 190105 Roadway Excavation (Type Z- 2) (Aerially Deposited Lead) 190106 Roadway Excavation (Type Z- 3) (Aerially Deposited Lead) 192057 Structure Excavation (Type Y- 1) (Aerially Deposited Lead) 192058 Structure Excavation (Type Y- 2) (Aerially Deposited Lead) 192053 Structure Excavation (Type Z- 2) (Aerially Deposited Lead) 192054 Structure Excavation (Type Z- 3) (Aerially Deposited Lead) 190111 ADL Burial Location Report
14-11.04	EH	A 05-20-11	Minimal Disturbance	Section 14-11.04. Use if the project includes	Projects with minor soil disturbance

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			of Material Containing Hazardous Waste Concentrations of Aerially Deposited Lead	minimal disturbance of areas with hazardous waste concentrations of aerially deposited lead. A minimal disturbance only occurs when there is no excavation and no soil will be removed from the project or wasted in areas other than the immediate area of disturbance. Use bid item 190110 Lead Compliance Plan (one per project).	include installing guardrail, fencing, and sign posts, and installing traffic operation systems, performing highway planting and irrigation and minor clearing and grubbing, constructing shoulder backing, pavement and trenches for electrical, planting, or irrigation systems. All soil disturbed must remain in the area of disturbance and not be transported elsewhere. Do not use for highway planting and irrigation activities that require excavation for constructing a maintenance vehicle pullout, gore paving, or rock blanket. Use SSP 14-11.03 "Material Containing Hazardous Waste Concentrations of Aerially Deposited Lead" on projects or for project areas with major soil disturbance of material containing aerially deposited lead at hazardous waste concentrations, such as roadway excavation, including stockpiling, transporting, or disposing of material contaminated with aerially deposited lead at California hazardous waste levels. The Design Engineer must consult with the District Hazardous Waste technical specialist to determine if this SSP is appropriate and to fill in lead levels. Use bid item: 190110 Lead Compliance Plan (1 per project).
14-11.05	EH	A 05-20-11	Naturally Occurring Asbestos	Section 14-11.05. Use if NOA, serpentine, or ultramafic rock may be disturbed.	To use SSP 14-11.05, environmental testing of the material should have been completed and areas containing NOA been defined, or the excavation areas are within serpentine or ultramafic rocks.

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					<p>Use the following bid items as applicable:</p> <ul style="list-style-type: none"> <li>190109 Roadway Excavation (Naturally Occurring Asbestos)</li> <li>192009 Structure Excavation (Naturally Occurring Asbestos)</li> <li>190115 Asbestos Compliance Plan (Naturally Occurring Asbestos)</li> <li>190116 Dust Control Plan (Naturally Occurring Asbestos)</li> <li>190117 Sampling and Analysis Plan (Naturally Occurring Asbestos)</li> <li>141107 NOA Burial Report</li> </ul> <p>Include supplemental funds for extra work</p>
14-11.07	EH	A 05-20-11	Remove Yellow Traffic Stripe and Pavement Marking with Hazardous Waste Residue	<p>Section 14-11.07. Use if yellow residue, expected to be a hazardous waste (lead concentration equal to or greater than 1000 mg/kg total lead or 5 mg/l soluble lead), will be produced.</p> <p>Use bid item 190110 Lead Compliance Plan (one per project).</p>	<p>Use 15-2.02C(2) for removal of thermoplastic and painted, traffic stripe, and pavement marking in areas where the yellow residue will contain lead in amounts less than 1000 mg/kg total lead and 5mg/l soluble lead and for the removal of all other colors of paint (white, blue, black, etc.).</p> <p>Use 15-1.03B " Residue Containing High Lead Concentration Paints" if grinding portland cement concrete, asphalt concrete pavement, or chip seal where residue will contain high lead concentration yellow paints but be a non-hazardous waste.</p> <p>Contact the district hazardous waste technical specialist for assistance to determine which yellow residues are expected to contain hazardous waste levels of lead and which are not and assistance in choosing the appropriate specification.</p> <p>If both hazardous waste and non-hazardous waste residue will be generated at separate locations within the project, use both SSP 15-301 and</p>

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
					<p>SSP 14-11.07.  For additional guidance related to SSPs 14-11.07, 15-301, and 15-305, go to:  <a href="http://pd.dot.ca.gov/env/haz/html/hw_s p.htm">http://pd.dot.ca.gov/env/haz/html/hw_s p.htm</a>  Show type, location, and quantities of traffic stripe and pavement marking to be removed on Pavement Delineation Sheet.  Use bid item:  190110 Lead Compliance Plan (1 per project).  Use the following bid items as applicable:  141101 Remove Yellow Painted Traffic Stripe (Hazardous Waste)  141102 Remove Yellow Painted Pavement Marking (Hazardous Waste)  141103 Remove Yellow Thermoplastic Traffic Stripe (Hazardous Waste)  141104 Remove Yellow Thermoplastic Pavement Marking (Hazardous Waste).  Include funds in the Final Estimate of Cost under Supplemental Work for additional disposal costs for removal of residue regulated under RCRA. Use supplemental work item code 066600 Disposal of Yellow Painted Traffic Stripe.  Off-site storage of hazardous waste (outside of the project limits) is permitted only at storage facilities permitted by the Department of Toxic Substances Control (DTSC).  Hazardous waste can be transported only by a registered hazardous waste hauler unless a Transporter Variance is used to consolidate the waste at a permitted Department hazardous</p>

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
					waste generation point. If using a Transporter Variance the hazardous waste must be on the Department right of way during the entire transport process.
14-11.08	EH	A 05-20-11	Disturbance of Existing Paint Systems on Bridges	Section 14-11.08. Use if work on an existing structure will disturb the existing paint. Use bid item 190110 Lead Compliance Plan (one per project).	District to furnish specifications for dealing with contaminated or hazardous soil beneath the bridge. Use bid item: 190110 Lead Compliance Plan (1 per project).
14-11.09	EH	A 05-20-11	Treated Wood Waste	Section 14-11.09. Use if treated wood waste will be generated.	Consult with district hazardous waste technical specialists for assistance. Use bid item: 141120 Treated Wood Waste. Also use bid item 066915 BOE Treated Wood Waste Generator Fee when BOE fees are required. For additional guidance go to: <a href="http://pd.dot.ca.gov/env/haz/html/hw_s p.htm">http://pd.dot.ca.gov/env/haz/html/hw_s p.htm</a>
14-11.10	EH	A 05-20-11	Disposal of Electrical Equipment Requiring Special Handling	Section 14-11.10. Use for disposal of ballasts containing polychlorinated biphenyl (PCB) and fluorescent or mercury tubes, bulbs, and lamps. Special handling of these materials is required by law. HPS and LPS lamps do NOT require special handling. Before PS&E, District MUST determine if polychlorinated biphenyl (PCB) is involved.	
14-12.03	EM	A 05-20-11	State Parks	Section 14-12.03. Use if the job site includes any portion of a State Park.	
14-12.04	EM	A 05-20-11	State Reclamation Board	Section 14-12.04. Use if a California State Reclamation Board PLAC has been issued. Use as required for work located adjacent to or within the limits of areas under the jurisdiction of the State Reclamation Board.	
14-2.03	EC	A 05-20-11	Archaeological Monitoring Area	Section 14-2.03. Use if the project archaeologist provides AMA information.	Consult with the project archaeologist and refer to the Standard Environmental Reference (SER) for guidance. For any Archaeological Monitoring Areas that require Type ESA Temporary Fence put

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
					identification and location on plans.
14-6.02	EB	A 05-20-11	Species Protection	Section 14-6.02. Use if a district biologist has determined that the project is occurring in or adjacent to regulated species habitat. Use this SSP to narrow or clarify PLAC conditions or to provide additional specific requirements from the Department. Use this SSP for birds and other species. Use SSP 14-6.03 for only Migratory Birds.	Consult with the project biologist, or if unavailable, District or HQ Biologist, for guidance regarding use of the specification and items such as nesting period and radius of discovery. Include 14-6.05 "Contractor Supplied Biologist" if species protection work requires a Contractor Supplied biologist. Use 14-6.06 "Species Protection Area" if Species Protection Areas are specified below. Include all PLACs, including the Biological Opinion, in 2-1.02B "Supplemental Project Information." Use bid item 066041 Bird Protection if needed.
14-6.03	EB	A 05-20-11	Bird Protection	Section 14-6.03. Use if nesting period or radius of discovery differs from section 14-6.03 <Bird Protection>. Add detail for specific species or bird group such as swallows or for specific exclusion issues or devices.	Consult with the project biologist, or if unavailable, District or HQ Biologist, for guidance regarding use of the specification and items such as nesting period and radius of discovery. Use bid item 066041 Bird Protection if needed.
14-6.04	EB	A 05-20-11	Fish Protection	Section 14-6.04. Use if bridge construction is scheduled in a stream channel that contains protected fish.	Use with SSP 14-6.05 "Contractor Supplied Biologist" and SSP 14-6.02 "Species Protection." Include fish species and protection requirements in SSP 14-6.02 "Species Protection." If SSP 14-6.07 "Natural Resources Protection Plan" is required, include dewatering and fish relocation plan requirements in par. 7 of SSP 14-6.07 "Natural Resources Protection Plan."
14-6.05	EB	A 05-20-11	Contractor Supplied Biologist	Section 14-6.05. Use if a district biologist has determined that the project is occurring in or adjacent to a regulated species habitat and species monitoring by Contractor staff is necessary. Do not copy requirements from the	If requiring a pre-construction survey, add to 8-1.04C: Conduct the pre-construction survey no more than 14 days prior to commencement of ground-disturbing activities or as required in PLACs.

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
				biological opinion, streambed alteration agreement, ACOE permit, or other PLACs unless PLAC requirements are not clear and complete or if they require plans or specific payment.	Use 8-1.04C for large projects. Place complex species-protection direction into SSP 14-6.02 "Species Protection" or SSP 14-6.07 "Natural Resources Protection Plan." If an agency must approve a Contractor supplied Biologist for a particular activity, place a note in the RE pending file stating the agency and contact information necessary for agency approval.
14-6.06	EB	A 05-20-11	Species Protection Area	Section 14-6.06. Use if the project biologist requires that species protection be performed.	Use SSP 14-6.05, "Contractor-Supplied Biologist" if appropriate. For any Species Protection Areas that require Type ESA Temporary Fence put identification and location on plans. Consult with the project biologist for guidance. Add monitoring requirements for each Species Protection Area to SSP 14-6.02 "Species Protection."
14-6.07	EB	A 05-20-11	Natural Resources Protection Plan	Section 14-6.07. Use if the project biologist determines that a Natural Resources Protection Plan is necessary and if SSP 14-6.05 "Contractor Supplied Biologist" is used.	Use 8-1.04C for large projects. Use with SSP 14-6.02 "Species Protection" and SSP 14-6.08 "Biological Resources Information Program" as needed. Place specific requirements for species protection in SSP 14-6.02 "Species Protection". Use bid item 146003.
14-6.08	EB	A 05-20-11	Biological Resource Information Program	Section 14-6.08. Use if PLACs require a Biological Resource Information Program.	Use with SSP 14-6.05 "Contractor Supplied Biologist." Use with SSP 14-6.02 "Species Protection" or SSP 14-6.07 "Natural Resources Protection Plan" if necessary. Use 8-1.04C for large projects. Add to 8-1.02A: Present the training program at least ___ working day(s) before beginning construction activities.

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
					Contact the District Biologist for guidance regarding project-specific requirements for the biological resource information program. If providing handouts include them in 2-1.06B."
14-6.09	EB	A 05-20-11	Temporary Wetland Protection Mat	Section 14-6.09. Use if motorized equipment or vehicles need to cross wetlands and permits to use mats have been obtained.	
14-8.02	EV	A 05-20-11	Noise Control	Section 14-8.02. Use for work in a residential or urban area (1) at night or (2) if night or Sunday noise restrictions exist.	The following are examples of work that exceed 86 dBA at 50 feet. 1. Removing concrete 2. Cold planing pavement 3. Grooving and grinding concrete pavement 4. Sawcutting PCC 5. Driving piles. Use bid item 148005 Noise Monitoring if a sound meter is required.
15-1.03B	EH	A 05-20-11	Residue Containing High Lead Concentration Paints	Section 15-1.03B. Use if residue from grinding or cold planing contains lead from paint and thermoplastic and the average lead concentrations are less than 1,000 mg/kg total lead and 5 mg/L soluble lead.	For additional guidance related to this SSP go to: <a href="http://pd.dot.ca.gov/env/haz/html/hwsp.htm">http://pd.dot.ca.gov/env/haz/html/hwsp.htm</a> Contact the district hazardous waste technical specialist for assistance to determine which yellow paint residues are expected to contain high lead concentrations and to determine whether yellow stripe or pavement marking requires separate removal.
15-1.03C	TE	A 05-20-11	Loop Detectors	Section 15-1.03C. Use if the existing loop detectors could be damaged by work including grinding, grooving, and installing edge drains.	--
15-2.02B(2)	CS	A 05-20-11	--	Section 15-2.02B(2). Use if obliteration with large lumps with earth cover is not allowed.	--
15-2.02B(3)	CS	A 05-20-11	Cold Planing Asphalt Concrete Pavement	Section 15-2.02B(3). Use if planing of existing pavement is required.	--
15-2.02C(2)	EH	A 05-20-11	Remove Traffic	Section 15-2.02C(2). Use if residue from	For additional guidance related to SSP

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
			Stripes and Pavement Markings Containing Lead	removing traffic stripes and pavement markings contains lead from the paint or thermoplastic and the average lead concentrations are less than 1,000 mg/kg total lead and 5 mg/L soluble lead. Use if removing other colors of paint (white, blue, black, etc.)	15-2.02C(2) and SSP 14-11.07 go to: <a href="http://pd.dot.ca.gov/env/haz/html/hw_s p.htm">http://pd.dot.ca.gov/env/haz/html/hw_s p.htm</a> Contact the district hazardous waste technical specialist for assistance to determine which yellow residues are expected to contain hazardous waste levels of lead and which are not. Show type, location, and quantities of traffic stripe and pavement marking to be removed on Pavement Delineation Sheet. Use the following bid item codes, as applicable: 150711 Remove Painted Traffic Stripe 150712 Remove Painted Pavement Marking 150714 Remove Thermoplastic Traffic Stripe 150715 Remove Thermoplastic Pavement Marking
15-2.02F	CS	A 05-20-11	Remove Asphalt Concrete Dikes	Section 15-2.02F. Use if the removal of asphalt concrete dikes is outside the limits of excavation.	--
15-2.02I	BR	A 05-20-11	Remove Sign Structures	Section 15-2.02I. Use for removing sign structures.	--
15-2.03A(1)	CS	A 05-20-11	--	Section 15-2.03A(1). Use if the plans do not show which materials or items are salvaged.	--
15-2.03A(2)(b)	CS	A 05-20-11	Department Salvage Location	Section 15-2.03A(2)(b). Use if any materials are salvaged.	--
15-2.03A(4)	CS	A 05-20-11	Payment	Section 15-2.03A(4). Use to transfer payment of salvaging to another item.	--
15-2.03B	TS	A 05-20-11	Salvage Metal Beam Guard Railing	Section 15-2.03B. Use for salvaging anchors, steel foundation tubes, and terminal anchor assemblies from metal beam guard railing.	--
15-2.03C	LS	A 05-20-11	Salvage Irrigation Facilities	Section 15-2.03C. Use if the plans do not show which irrigation facility items are salvaged.	--
15-2.04C	BR	A 05-20-11	Reconstruct Sign	Section 15-2.04C. Use if existing sign	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
			Structures	structures are to be removed, disassembled, modified, and reconstructed.	
15-2.04D	TS	A 05-20-11	Reconstruct Metal Beam Guard Railing	Section 15-2.04D. Use for reconstruction of metal beam guard railing.	--
15-2.04E	BR	A 05-20-11	Reconstruct Metal Bridge Railing	Section 15-2.04E. Use for reconstructing metal bridge railing.	--
15-2.05B	DD	A 05-20-11	Abandon Manholes	Section 15-2.05B. Use for abandoning manholes.	--
15-2.05C	DD	A 05-20-11	Abandon Culverts and Pipelines	Section 15-2.05C. Use for abandoning culverts and pipelines.	--
15-2.05D	DD	A 05-20-11	Abandon Inlets	Section 15-2.05D. Use for abandoning inlets.	--
15-2.05E	BR	A 05-20-11	Abandon Pedestrian Undercrossing	Section 15-2.05E. Use for abandoning pedestrian undercrossings.	--
15-2.06B	BR	A 05-20-11	Destroy Water Wells	Section 15-2.06B. Use if water or monitoring wells must be destroyed.	--
15-2.07B	BR	A 05-20-11	Modify Sign Structures	Section 15-2.07B. Use if (1) modification does not affect the basic framework or structure and (2) the sign is not relocated.	--
15-2.09B	BR	A 05-20-11	Relocate Sign Structures	Section 15-2.09B. Use when existing sign structures are to be installed at new locations, with no modifications except for a new foundation and, if required, electrical connections to new service points.	--
15-2.10D	TS	A 05-20-11	Adjust Metal Beam Guard Railing	Section 15-2.10D. Use for adjusting metal beam guard railing only where existing pavement surrounds wood posts.	--
15-3.01	CS	A 05-20-11	--	Section 15-3.01. Use for: 1. Preserving curbs and sidewalks 2. Eliminating the option to dispose of concrete on the job site 3. Restricting disposal of concrete to embankments	--
15-3.03	CS	A 05-20-11	--	Section 15-3.03. Use if an item must be removed to a depth that is more than 3 feet below grade and the depth of removal is not shown.	--
15-3.04	CS	A 05-20-11	--	Section 15-3.04. Use to transfer payment for removing concrete to another bid item.	--
15-4.01A(2)	BR	A 05-20-11	--	Section 15-4.01A(2)(b). Use to modify	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
				requirements for bridge removal plans.	
15-4.01A(3)(b)	BR	A 05-20-11	--	Section 15-4.01A(1). Use to modify the horizontal design load for bridge removal temporary bracing and shoring.	--
15-4.01C(1)	BR	A 05-20-11	--	Section 15-4.01C(1). Use if a written description of bridges or portions of bridges to be removed is desired instead of or in addition to what is shown.	--
15-4.01C(2)(a)	BR	A 05-20-11	--	Section 15-4.01C(2)(a). Use to modify clearances at bridge removal locations.	--
15-4.01C(2)(b)	BR	A 05-20-11	--	Section 15-4.01C(2)(b). Use to modify requirements for protective covers.	--
15-5.01C(2)	BR	A 05-20-11	--	Section 15-5.01C(2). Use for preparing bridge decks for treatments and overlays.	--
15-5.01C(3)	BR	A 05-20-11	--	Section 15-5.01C(3). Use if removing PCC deck surfacing before placing an overlay.	--
15-5.01C(4)	BR	A 05-20-11	--	Section 15-5.01C(4). Use for removing an AC overlay from existing bridges.	--
15-5.04	BR	A 05-20-11	--	Section 15-5.04. Use if refinishing bridge decks after removing existing railings, curbs, or sidewalks.	--
15-5.05	BR	A 05-20-11	--	Section 15-5.05. Use for applying methacrylate resin treatment to bridges.	--
15-5.06	BR	A 05-20-11	--	Section 15-5.06. Use for applying polyester concrete overlay to bridges.	--
15-5.07A(1)	BR	A 05-20-11	--	Section 15-5.07A(1). Use for cored holes that are (1) over 10 feet long and (2) within 6 inches of any reinforcement.	--
15-5.07B	BR	A 05-20-11	--	Section 15-5.07B. Use for pressure grouting dowels in cored holes.	--
15-5.08C	BR	A 05-20-11	--	Section 15-5.08C. Use for epoxy injecting cracks in concrete.	--
15-6.01C(1)	DD	A 05-20-11	--	Section 15-6.01C. Use for controlling or diverting groundwater or stream flow during culvert rehabilitation work..	--
15-6.02	DD	A 05-20-11	Fill Culvert Voids	Section 15-6.02. Use (1) for filling voids during cleaning and (2) if there are not bid items for culvert slurry cement backfill and contact grouting. This may be the case when no geotechnical report is available for	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
				the culvert work.	
15-6.03	DD	A 05-20-11	Contact Grouting	Section 15-6.03. Use for injecting grout from within the culvert to fill voids between culvert outer wall and the surrounding ground. The culvert must be at least 60 inches in diameter and human entry must be possible.	--
15-6.04	DD	A 05-20-11	Concrete Invert Paving	Section 15-6.04. Use for paving the invert of an existing culvert with concrete.	See HDM for guidance.
15-6.10	DD	A 05-20-11	Plastic Pipeliners	Section 15-6.10. Use for installing plastic pipeliners.	See HDM Index 853.6 for guidance.
15-6.11	DD	A 05-20-11	Cured-in-place Pipeliners	Section 15-6.11. Use for installing cured-in-place pipeliners.	In boiler plates, consider using SSP S4-003 instead of SSP S4-001, and delay start to allow time for submittals. If used, edit S4-003 to include an appropriate number of days between contract approval and the 1st working day. Use for extending the life of culverts or storm drains that have structural integrity, are in need of repair, are difficult to access.
15-6.12	DD	A 05-20-11	Deformed and Reformed HDPE Pipeliners	Section 15-6.12 Use for installing deformed and reformed HDPE pipeliners.	--
15-6.13B	DD	A 05-20-11	Machine Spiral Wound PVC Pipeliners, Fixed Diameter	Section 15-6.13B. Use for installing machine spiral wound PVC pipeliners with a fixed diameter.	--
15-6.13C	DD	A 05-20-11	Machine Spiral Wound PVC Pipeliners, Expandable Diameter	Section 15-6.13C. Use for installing machine spiral wound PVC pipeliners with an expandable diameter.	--
15-6.14	DD	A 05-20-11	Cementitious Pipeliner	Section 15-6.14. Use for adding a lining of cementitious material to a corroded culvert 12 inches to 36 inches in diameter.	--
16-1.01	CS	A 05-20-11		Section 16-1.01. Use if removal of existing facilities or improvements is included in the payment for clearing and grubbing and: 1. No bid item for remove, salvage,	

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
				reconstruct, abandon, destroy, modify, reset, relocate, adjust, relay, or remodel is included in section 15 2. Existing facility is within the clearing and grubbing area 3. Existing facility is metal beam guard railing or thrie beam barrier and no bid item is included for new railing or new barrier.	
16-1.03A_X1	CS	A 05-20-11		Section 16-1.03A. Use if State-owned property off the job site is to be cleared and grubbed.	
16-1.03A_X2	CS	A 05-20-11		Section 16-1.03A. Use if a maximum amount of vegetation is to be protected.	
16-1.03D	CS	A 05-20-11		Section 16-1.03D. Use if vegetation may be disposed of in embankment areas and there is a bid item for clearing and grubbing.	
19-1.01A	CS	A 05-20-11	--	Section 19-1.01A. Use if the estimated cost for any of the following activities is less than \$500: 1. Clearing and grubbing 2. Develop water supply 3. Finishing roadway Do not include a bid item for these activities.	
19-2.03B	CS	A 05-20-11	--	Section 19-2.03B. Use if surplus material must be disposed of outside the project limits.	
19-2.03G	CS	A 05-20-11	--	Section 19-2.03G. Use if after constructing the embankment, the embankment surfaced must be roughened for the placement of erosion control materials.	
19-3	BR	A 05-20-11	--	Section 19-3. Use for structure excavation and backfill.	
19-4_X1	GS	A 05-20-11	Rock Excavation	Section 19-4. Use for a project with rock excavation. Consult with the Division of Engineering Services - Geotechnical Services to determine if blasting and presplitting is allowed. If rock excavation must be performed with controlled blasting, use SSP 19-4_X2.	Include a note in the RE pending file stating that the Office of Geotechnical Services is available to review Blasting Safety Plans. If geotechnical reports are available, list them in SSP 2-1.06B. Use BEES item 190161 Rock Excavation.

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
19-4_X2	GS	A05-20-11	Rock Excavation (Controlled Blasting)	Section 19-4. Use for a project with rock excavation. Consult with the Division of Engineering Services - Geotechnical Services to determine if blasting and presplitting is allowed.	If geotechnical reports are available, list them in SSP 2-1.06B. Include a note in the RE pending file stating that the Office of Geotechnical Services is available to review blasting safety plans and controlled blasting plans. Use BEES item 190160 Rock Excavation (Controlled Blasting).
19-5.03A	CS	A05-20-11	--	Section 19-5.03A. Use if: 1. Water is scarce 2. Compaction can be obtained without the use of water 3. Excessive compaction effort will not be required to meet the specified compaction	

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
19-5.03B	CS	A 05-20-11	--	Section 19-5.03B. Use if 90 percent relative compaction is adequate for low volume roadways with a structural section less than 2 feet in depth. Add description of roadway.	
19-6.02B	GS	A 05-20-11	--	Section 19-6.02B. Use for geosynthetic reinforced embankments.	
19-6.03B	CS	A 05-20-11	--	Section 19-6.03. Use if subsidence of ground surface is anticipated.	
19-6.03D	BR	A 05-20-11	--	Section 19-6.03D. Use for settlement periods and surcharges.	
19-6.04	CS	A 05-20-11	--	Section 19-6.04. Use if there is a bid item for embankment. Include SSP 19-6.03B if subsidence is anticipated.	
19-7.02B	CS	A 05-20-11	--	Section 19-7.02B. Use for specifying locations of local borrow sites	
19-7.02C	CS	A 05-20-11	--	Section 19-7.02C. Use for specifying imported borrow material.	
19-7.04	CS	A 05-20-11	--	Section 19-7.04. Use if imported borrow is to be paid for on a theoretical volume basis. Include SSP 19-6.03B if subsidence is anticipated.	
20-1	LS	A 05-20-11	General	Section 20-1. Use to add, delete, or replace miscellaneous clauses for general.	Indicate plants or show areas to be pruned on the plans. 20-1.02B Par. 2 Other pesticides must not be listed for use unless approved by HQ maintenance. Concurrence from HQ maintenance may be required.
20-10	LS	A 05-20-11	Decomposed Granite	Section 20-10. Use to add, delete, or replace miscellaneous clauses for decomposed granite.	Include a construction detail drawing on the plans.
20-11	LS	A 05-20-11	Gravel Mulch	Section 20-11. Use to add, delete, or replace miscellaneous clauses for gravel mulch. Use for gravel mulch placement in areas outside the traveled way along the roadside, as maintenance vehicle access areas, in interchange planted areas, and narrow areas adjacent to sound walls.	Include a construction detail drawing on the plans.

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20-12	LS	A 05-20-11	Rock Blanket	Section 20-12. Use to add, delete, or replace miscellaneous clauses for rock blanket.	Include a construction detail drawing on the plans. Refer to the Landscape Architecture Program Roadside Management Toolbox, "Rock Blanket (Mortared)" Detail. The depth of excavation must be shown on the detail.
20-13	LS	A 05-20-11	Rock Staining	Section 20-13. Use to add, delete, or replace miscellaneous clauses for rock staining.	--
20-14	LS	A 05-20-11	Willow Cuttings For Plant Group W	Section 20-14. Use to add, replace and delete miscellaneous clauses for willow cuttings for plant group W.	--
20-2	LS	A 05-20-11	Existing Highway Planting	Section 20-2. Use to add, delete, or replace miscellaneous clauses for existing highway planting.	Include a "Transplant Tree Planting Detail" drawing or a "Transplant Palm Tree Planting Detail" drawing on the plans. Show and specify the quantity of packet fertilizer in the detail if required. "Maintain Existing Planted Areas" must be shown on the plans. Show existing trees, shrubs and ground cover masses or use one bubble for each maintain existing planted area. Add a graphic symbol for "Maintain Existing Planted Areas" under "Legend" shown on the "Plant List" plan. 20-2.03D Par. 9 Use Supplemental Work Item "Maintain Existing Planted Areas," Item Cost Code 066103.
20-3	LS	A 05-20-11	Irrigation	Section 20-3. Use to add, delete, or replace miscellaneous clauses for irrigation.	--
20-7	LS	A 05-20-11	Highway Planting	Section 20-7. Use to add, delete or replace miscellaneous clauses for highway planting.	1. Prepare Trench: Include details on the plans. 2. Root Protector: Include Standard Plan H4. Indicate plants that require root protectors by showing "Root Protector Required" in the "Remarks"

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
					<p>column of the Plant List and Planting Specifications.</p> <p>3. Turf Sod: Areas to be planted to turf sod must be shown on the plans. Specify the type of fertilizer required and the application rate in the Plant List and Planting Specifications under "Fertilizer, Planting." Show "Turf Sod" in the "Remarks" column of the Plant List and Planting Specifications.</p> <p>4. Foliage Protector: Include Standard Plan H4. Indicate plants that require foliage protectors by showing "Foliage Protector Required" in the "Remarks" column of the Plant List and Planting Specifications.</p> <p>5. Root Barrier: Include a construction detail drawing on the plans. A "Root Barrier" detail is available at the following website:  <a href="http://pd.dot.ca.gov/design/landscape/nssp/index.htm">http://pd.dot.ca.gov/design/landscape/nssp/index.htm</a>  Modify the detail to meet the specific project needs. Indicate plants that require root barriers by showing "Root Barrier Required" in the "Remarks" column of the Plant List and Planting Specifications.</p> <p>6. Roadside Clearing: Show roadside clearing areas and plants to be removed on the plans. Roadside clearing work must not include work required to be performed as clearing and grubbing.</p> <p>7. Cultivation: Cultivation areas must be shown on the plans. Include the soil amendment application rate and the fertilizer type and application rate in the Plant List and Planting Specifications under "Soil Amendment" and "Fertilizer, Planting" for the "Plant</p>

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
					<p>Numbers” requiring cultivation.</p> <p>8. Weed Germination: Weed germination areas must be shown on the plans.</p> <p>9. Edging: Include a construction detail drawing on the plans.</p> <p>10. Fertilizer: Specify the type(s) of fertilizer required and the application rate(s) and/or quantities in the Plant List and Planting Specifications under “Fertilizer, Planting.”</p> <p>11. Mulch: Specify the type(s) of basin mulch required and the quantity required per plant in cubic feet in the Plant List and Planting Specifications under “Basin Mulch.” Show the spread mulch areas and specify the type(s) of spread mulch required and the quantity required in cubic yards on the Planting Plan. If the required basin mulch quantity per plant is included in the spread mulch quantity called out on the Planting Plan, include a note on the Planting Plan for Contractor clarification.</p> <p>12. Core Hole (Vine): Include Standard Plan H4. Show “Core Hole (Vine)” locations on the plans.</p> <p>13. Refer to Standard Plan H3 for “Basin Type” details.</p> <p>14. Refer to Standard Plan H4 for “Vine Staking” and “Tree Staking” details.</p> <p>20-7.02C(2) Par. 2 Edit for the desired container size. Indicate Standard Note 7, "See Standard Special Provisions," on the Plant List and Planting Specifications under "Size" for Plant (Group M).</p> <p>20-7.02C(3) Par. 3 Edit for the desired container size.</p>

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
					Indicate Standard Note 7, "See Standard Special Provisions," on the Plant List and Planting Specifications under "Size" for Plant (Group P). 20-7.02C(5) Par. 4 Verify that the seed mixture specified is available in a turf sod form. 20-7.03I(12) Par. 35 A root barrier with a 24" depth will accommodate no. 15-container size trees and 24" box specimen trees with aggressive root systems. Research has shown that root barriers less than 24" in depth are ineffective in redirecting roots.
20-8	LS	A 05-20-11	Wildflower Seeding	Section 20-8. Use to add, delete, or replace miscellaneous clauses for wildflower seeding.	To comply with the FHWA, wildflower seeding requirements, seed must be California Native Wildflower species. Complete the information requested in the Plans, Specifications and Estimate Submittal. Show wildflower seeding areas on the plans with call outs for area measurements in acres or square yards. Show the wildflower seeding "Seed" table and the "Seed and Fertilizer Application Rates" table on the plans.
20-9	LS	A 05-20-11	Plant Establishment Work	Section 20-9. Use to add, delete, or replace miscellaneous clauses for plant establishment work.	--
21-1.02P	LS	A 05-20-11	--	Section 21-1.02P. Use if fiber roll netting must be plastic. Do not use if endangered species may become trapped in the plastic netting.	--
21-1.02Q	LS	A 05-20-11	--	Section 21-1.02Q. Use if compost sock netting must be plastic. Do not use if endangered species may become trapped in the plastic netting.	--
24-2.03C	PM	A 05-20-11		Section 24-2.03C. Use to specify lime application rate and unconfined	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
				compressive strength.	
25-1.02	PM	A 05-20-11		Section 25-1.02. Use for Classes 1- 4 aggregate subbases.	--
25-1.02D	PM	A 05-20-11		Section 25-1.02D. Use for Class 5 AS.	--
26-1.02A	PM	A 05-20-11		Section 26-1.02A. Use for incorporating processed glass into AB.	--
26-1.02C	PM	A 05-20-11		Section 26-1.02C. If required, use for Class 3 AB.	--
26-1.03C	PM	A 05-20-11		Section 26-1.03C. If required, use to increase the maximum compacted layer thickness.	--
26-1.04	PM	A 05-20-11		Section 26-1.04. Use if the quantity of Class 3 AB is less than 550 tons.	--
27-2	PM	A 05-20-11		Section 27-2. Use when CTB is not used under concrete pavement.	--
27-3	PM	A 05-20-11		Section 27-3. Use for cement treatment of in-place material.	--
28-2	PM	A 05-20-11	--	Section 28-2. Use if any LCB work is within a confined work area.	--
29-1.01	PM	A 05-20-11	--	Section 29-1.01. Use to specify ATPB or CTPB.	--
29-1.02B	PM	A 05-20-11	--	Section 29-1.02B. Use for ATPB.	--
37-2	PM	A 05-20-11	Seal Coats	Section 37-2. Use with seal coats.	When applying seal coat to untreated material show prime coat on plan and use bid item 370005 Prime Coat (seal).
37-3	PM	A 05-20-11	Slurry Seal and Microsurfacing	Section 37-3. Use with slurry seals and microsurfacing.	
37-4	PM	A 05-20-11	Parking Area Seals	Section 37-4 Use for Parking Area Seal	
37-5	PM	A 05-20-11	Crack Treatment	Section 37-5. Use with crack treatment.	
39-1.01	PM	A 05-20-11	--	Section 39-1.01. Use for projects with HMA Type A, HMA Type B, HMA-O, RHMA-G, RHMA-O, or RHMA-O-HB.	
39-1.02C	PM	A 05-20-11	--	Section 39-1.02C. Use to specify asphalt binder grades for various HMA types.	See Highway Design Manual Table 632.1
39-1.02E	PM	A 05-20-11	--	Section 39-1.02E. Use to specify aggregate gradation for various HMA types.	
39-1.03B	PM	A 05-20-11	--	Section 39-1.03B. Various clauses for mix design.	
39-1.11	PM	A 05-20-11	--	Section 39-1.11. General construction	

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
				specifications for placing HMA.	
39-1.13	BR	A 05-20-11	--	Section 39-1.13. Use for HMA surfacing placed on bridge decks or on bridge deck seals.	
39-1.14	PM	A 05-20-11	--	Section 39-1.14. Use for miscellaneous areas.	
39-1.15C	PM	A 05-20-11	--	Section 39-1.15C. Use when a self-propelled spreader and vibratory rollers are required.	
39-1.16	TS	A 05-20-11	--	Section 39-1.16. Use for rumble strips in new or existing material.	Use with Standard Plan A40B.
39-1.17	PM	A 05-20-11	--	Section 39-1.17. Use to specify data cores for projects paving the traveled way for at least 1 mile.	
39-1.18	PM	A 05-20-11	--	Section 39-1.18. Use when hot mix asphalt (HMA) aggregates are to be treated with dry lime on damp aggregate with or without marination. Use for HMA constructed with the QC/QA construction process.	The district must have an agreement with the Statewide Pavement Engineer to use this SSP for Standard or Method construction process projects.
39-1.19	PM	A 05-20-11	--	Section 39-1.19. Use when hot mix asphalt (HMA) aggregates are to be treated with lime slurry marination (LSM). Use for HMA constructed with the QC/QA construction process.	The district must have an agreement with the Statewide Pavement Engineer to use this SSP on Standard and Method construction process projects.
39-1.20	PM	A 05-20-11	--	Section 39-1.20. Use when asphalt binder is treated with liquid antistrip. Use for HMA constructed with the QC/QA construction process	The district must have an agreement with the Statewide Pavement Engineer to use this SSP on Standard and Method construction process projects.
39-1.21	PM	A 05-20-11	--	Section 39-1.21. Use when existing asphalt concrete and a portion of the underlying base are to be replaced without damaging the base to remain in place. Use this SSP for "digouts."	Plans must show limits of existing AC to be replaced and a typical section. Par. 6. See Design Information Bulletin 86.
39-1.22	PM	A 05-20-11	--	Section 39-1.22. Use for applying prime coat on base before paving with HMA.	
39-1.23	PM	A 05-20-11	--	Section 39-1.23. Use for HMA Type C.	
39-1.24	PM	A 05-20-11	--	Section 39-1.24. Use for Bonded Wearing Course - Gap Graded.	For further information, see the Maintenance Technical Advisory Guide (MTAG) at

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
					<a href="http://www.dot.ca.gov/hq/maint/roadway.htm">http://www.dot.ca.gov/hq/maint/roadway.htm</a> .
39-1.25	PM	A 05-20-11	--	Section 39-1.25. Use for Rubberized Bonded Wearing Course - Gap Graded.	For further information, see the Maintenance Technical Advisory Guide (MTAG) at <a href="http://www.dot.ca.gov/hq/maint/roadway.htm">http://www.dot.ca.gov/hq/maint/roadway.htm</a> .
39-1.26	PM	A 05-20-11	--	Section 39-1.26. Use for Rubberized Bonded Wearing Course - Open Grade.	For further information, see the Maintenance Technical Advisory Guide (MTAG) at <a href="http://www.dot.ca.gov/hq/maint/roadway.htm">http://www.dot.ca.gov/hq/maint/roadway.htm</a> . Par. 18. See Design Bulletin 86
39-1.27	PM	A 05-20-11	--	Section 39-1.27. Use for Bonded Wearing Course - Open Graded.	For further information, see the Maintenance Technical Advisory Guide (MTAG) at <a href="http://www.dot.ca.gov/hq/maint/roadway.htm">http://www.dot.ca.gov/hq/maint/roadway.htm</a> . Par. 18. See Design Bulletin 86
39-1.28	LS	A 05-20-11	--	Section 39-1.28. Use for highway planting projects.	Use BEES item code 394095 For maintenance vehicle pullouts, include Standard Plan H9. Use Standard Plan A87B when AC dike is needed. Show dike location on plans. Designate aggregate base and HMA thicknesses for areas other than maintenance vehicle pullout on the plans. Edging: Provide a construction detail drawing for edging.
39-1.29	LS	A 05-20-11	--	Section 39-1.29. Use for soil underneath roadside paving.	
39-6.01	PM	A 05-20-11	--	Section 39-6.01. Payment clauses for miscellaneous areas.	
40-1	PM	A 05-20-11	General	Section 40-1. Use for JPCP or CRCP	Pars. 1-7, For JPCP, use if JITT is recommended by District Construction. Use for CRCP.
40-2	PM	A 05-20-11	Jointed Plain Concrete Pavement	Section 40-2. Use for jointed plain concrete pavement	Include dowel bars, tie bar, and baskets in partial pay SSP 9-1.16C

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
40-3	PM	A 05-20-11	Continuously Reinforced Concrete Pavement	Section 40-3. Use for continuously reinforced concrete pavement	
41-4	PM	A 05-20-11	Repair Spalled Joints		Use on projects with existing joint sealant where there is no bid item for sealing or replacing existing joint seals
41-8	PM	A 05-20-11	Dowel bar Retrofit	Section 41-8. Use for dowel bar retrofit	--
41-9	PM	A 05-20-11	INDIVIDUAL SLAB REPLACEMENT (rsc)	Section 41-9. Use for individual slab replacement with RSC	
42-1.03B	PM	A 05-20-11		Section 42-1.03B. Use in projects that generate portland cement concrete residue from grooving and grinding. Use when onsite drying or disposal within the highway is allowed	
42-3.03C	PM	A 05-20-11		Section 42-3.03C. Use when the only grinding is on bridge decks or weigh-in-motion (WIM) scales.	For WIM, description of locations must include stationing and number of lanes or edit to specify "at the locations shown."
46-1.01A	BR	A 05-20-11	--	Section 46-1.01A. Use for ground anchors and soil nails if the designer has a specific work sequencing concern related to ground anchor construction; for example, the timing of ground anchor stressing relative to the construction of other elements. Insert project-specific work sequencing specifications.	--
46-1.01E	BR	A 05-20-11	--	Section 46-1.01E. Use for ground anchors and soil nails if research investigation is required by the designer. Notify the estimator of the need for supplemental funds. Consult the geotechnical report and edit as necessary to describe the scope of all research activities so the Contractor can estimate the impact on operations.	--
46-2.01C	BR	A 05-20-11	--	Section 46-2.01C. Use for ground anchors if on a short time limit contract or if an alternative number of anchors is allowed.	--
46-2.01D(2)(a)	BR	A 05-20-11	--	Section 46-2.01D(2)(a). Use for ground anchors if performance test locations are	For horizontal anchors, such as those used in walls, use a minimum of 3

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
				not shown or if the compressive strength at loading is not 2,880 psi.	performance tests, but not less than 5 percent of anchors. For vertical anchors, such as those used in footings, use a minimum of 2 but not less than 10 percent of anchors in each footing.
46-2.01D(2)(b)	BR	A 05-20-11	--	Section 46-2.01D(2)(b). Use for (1) ground anchors that are not designed by LRFD or (2) footing ground anchors that take seismic loading and have a lock-off load greater than or equal to 0.25FTL (0.25T for non-LRFD design).	For horizontal ground anchors that are not designed by LRFD, use a maximum test load of 1.5T for permanent structures and 1.3T for temporary structures and slope stressing. The plans must show "T".
46-2.01D(2)(c)	BR	A 05-20-11	--	Section 46-2.01D(2)(c). Use for footing ground anchors that take seismic loading and have a lock-off load greater than or equal to 0.25FTL (0.25T for non-LRFD design).	--
46-2.02B	BR	A 05-20-11	--	Section 46-2.02B. Use (1) for ground anchors that are not designed by LRFD, (2) for bearing plates that bear on material other than concrete, or (3) if the minimum bearing plate size is shown.	--
46-2.03A	BR	A 05-20-11	--	Section 46-2.03A. Use for ground anchors with project-specific geotechnical conditions or with a grout cover over the corrugated sheathing of other than 1 inch.	The designer may want to allow a minimum grout cover of 1/2 inch when certain soils are present and pressure grouting is used.
46-3.01D(2)(b)(iii)	BR	A 05-20-11	--	Section 46-3.01D(2)(b)(iii). Use for soil nails. Insert 2 percent of the total number of production soil nails.	--
46-3.02A	BR	A 05-20-11	--	Section 46-3.02A. Use for soil nails in a corrosive site. A site is considered corrosive if (1) chloride concentration is 500 ppm or greater or (2) sulfate concentration is 2,000 ppm or greater or (3) pH is 5.5 or less. Check that appropriate details are shown.	--
46-3.03A	BR	A 05-20-11	--	Section 46-3.03A. Use for soil nails with difficult installation. Insert the location of the difficult installation. Insert the conditions that affect ground anchor installation, such as: soft bay mud overlying dense soils, caving	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
				soils, hazardous and contaminated materials, serpentine materials, tidal flow fluctuation, high ground water, cobbles and boulders, subsurface concrete debris, low overhead clearance, underground utilities, overhead utilities, the requirement of soil nail embedment into rock, sound control, vibration monitoring, and traffic control. Use multiple pars. if foundation reports show differing conditions for different structures. Add additional item numbers, if necessary. If only 1 or 2 conditions apply, change the format from a list to a normal sentence.	
47-2.01A	BR	A 05-20-11	--	Section 48-2.01A. Use if proprietary earth retaining systems are allowed as alternatives to the Department's design shown on the plans.	
47-2.04	BR	A 05-20-11	--	Section 48-2.04. Use if the lower payment limit for the mechanically stabilized embankment (MSE) system shown on the plans is not from the bottom of face panels.	--
47-3.01	BR	A 05-20-11	--	Section 48-3.01. Use if proprietary earth retaining systems are allowed as alternatives to the Department's crib wall design shown.	
47-3.02B(2)(c)	BR	A 05-20-11	--	Section 48-3.02B(2)(c). Use for reinforced concrete crib walls. Use with Standard Plans C7A through C7G.	
47-6.01A	BR	A 05-20-11	--	Section 48-6.01A. Use if optional proprietary earth retaining systems are allowed for any of the following: 1) Mechanically stabilized embankment (MSE) system 2) Type 1–5 retaining walls 3) Crib walls	Design must specify which system is applicable
47-6.01C	BR	A 05-20-11	--	Section 48-6.01C. Use if optional proprietary earth retaining systems are allowed for any of the following: 1) Mechanically stabilized embankment (MSE) system 2) Type 1–5 retaining walls	

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
				3) Crib walls	
48-2.01C(2)	BR	A 05-20-11	Additional Falsework Review Time	Section 48-2.01C(2). Use for additional falsework review time.	--
48-2.03A	BR	A 05-20-11	Falsework for Multiple Level Bridges	Section 48-2.03A. Use for multiple level bridges.	--
48-3	BR	A 05-20-11	Temporary Supports	Section 48-3. Use for temporary supports for bridge structures during reconstruction or rehabilitation.	--
48-4	BR	A 05-20-11	Temporary Decking	Section 48-4. Use when temporary decking is required.	--
48-5	BR	A 05-20-11	Jacking Superstructure	Section 48-5. Use when lowering a bridge superstructure.	--
49-1.01D(4)	BR	A 05-20-11	--	Section 49-1.01D(4) Use for dynamic monitoring of driven piles.	--
49-1.01D(5)	BR	A 05-20-11	--	Section 49-1.01D(5). Use when steel piling is to be embedded into rock and the top of rock elevations vary.	--
49-1.03	BR	A 05-20-11	--	Section 49-1.03. Use for expected difficult pile installation and the management of hazardous waste, contaminated materials, and naturally occurring asbestos (including serpentine rock). Use this SSP for all types of pile installation.	--
49-2.01A(3)(b)	BR	A 05-20-11	--	Section 49-2.01A(3)(b). Use when a driving system submittal is requested by Geotechnical Services.	--
49-2.01A(4)(b)	BR	A 05-20-11	--	Section 49-2.01A(4)(b). Use when driven piles are shown for sound walls. Do not use for special designs where bearing is required and a nominal driving resistance is shown on the plans; verify with designer.	--
49-2.01C(2)	BR	A 05-20-11	--	Section 49-2.01C(2). Use when revising the specifications for driving equipment.	--
49-2.01C(3)	BR	A 05-20-11	--	Section 49-2.01C(3). Use for driven piles or casings when drilling is not allowed or is restricted by the Foundation Report.	--
49-2.01C(4)	BR	A 05-20-11	--	Section 49-2.01C(4). Use for driven piles when predrilling is required.	--
49-2.01C(5)	BR	A 05-20-11	--	Section 49-2.01C(5). Use when a pile "set	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
				period" is recommended by Geotechnical Services in lieu of longer piling.	
49-2.02B(1)(a)	BR	A 05-20-11	--	Section 49-2.02B(1)(a). Use for Class N steel pipe piling.	--
49-2.02B(1)(f)	BR	A 05-20-11	--	Section 49-2.02B(1)(f). Use for nonstandard unfilled pipe piles. Verify locations and diameters with designer. Do not use when piles are already shown to be placed at the minimum allowed spacing per AASHTO LRFD BDS 10.7.1.2.	--
49-2.04B(1)	BR	A 05-20-11	--	Section 49-2.04B(1). Use for Alternative X piles for Class 90 and Class 140 piles for strutted abutments, cantilever abutments, Type 1 retaining walls, counterfort retaining walls, or when instructed by the Office of Structure Design.	--
49-2.04B(3)	BR	A 05-20-11	--	Section 49-2.04B(3). Use for substituting structural shape steel piling for Class 90, Class 140, and Class 200 concrete piles. Use only when requested by the designer.	--
49-2.04C(3)	BR	A 05-20-11	--	Section 49-2.04C(3). Use for splicing PC PS concrete piles in excess of 80 feet when details for splicing are shown.	--
49-2.05B	BR	A 05-20-11	--	Section 49-2.05B. Use for marine grade steel sheet piling when sheet piling is in direct contact with a marine or brackish water splash zone.	--
49-3.02A(4)(b)	BR	A 05-20-11	--	Section 49-3.02A(4)(b). Use with CIDH concrete piling.	--
49-3.02A(4)(d)(ii)	BR	A 05-20-11	--	Section 49-3.02A(4)(d)(ii). Use when vertical inspection pipes are not shown on the plans for piling 24 inches and greater.	--
49-3.02B(6)(c)	BR	A 05-20-11	--	Section 49-3.02B(6)(c). Use for CIDH piling at least 24 inches in diameter and 5 feet in length.	--
49-3.02B(7)	BR	A 05-20-11	--	Section 49-3.02B(7). Use for Type II CIDH piling when (1) an optional construction joint is shown on the plans and (2) Geotechnical Services allows the use of slurry cement backfill in the annular space between the	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
				soil and the casing for Type II CIDH piling.	
49-3.02C(4)	BR	A 05-20-11	--	Section 49-3.02C(4). Use for CIDH piles that are end bearing.	--
49-3.02C(5)	BR	A 05-20-11	--	Section 49-3.02C(5). Use for permanent steel casings.	--
49-3.02C(6)	BR	A 05-20-11	--	Section 49-3.02C(6). Use for Type II CIDH piling when an optional construction joint is shown on the plans and (1) Geotechnical Services requires corrugated metal pipe for the casing, (2) Geotechnical Services allows the use of slurry cement backfill to backfill the casing, or (3) Geotechnical Services restricts the method of casing installation.	--
49-3.03B	BR	A 05-20-11	--	Section 49-3.03B. Use for nonstandard cast-in-steel-shell concrete piles when piles are not already shown to be placed at the minimum allowed spacing per the California Amendments to AASHTO LRFD BDS Article 10.7.1.2. Verify locations and diameters with designer.	--
49-3.03C(2)	BR	A 05-20-11	--	Section 49-3.03C(2). Use for open-ended CISS piles.	--
49-4.03B	BR	A 05-20-11	--	Section 49-4.03B. Use for steel soldier piling.	--
50-1.01A	BR	A 05-20-11	--	Section 50-1.01A. Use for aCIP PS box girder structure.	--
50-1.01B	BR	A 05-20-11	--	Section 50-1.01B. Use if the prestressing design is not LRFD based. Refer to the General Notes on the plans.	--
50-1.01C(3)	BR	A 05-20-11	--	Section 50-1.01C(3). Use for a local agency project	--
51-1.01A	BR	A 05-20-11	--	Section 51-1.01A. Use for colored concrete, RSC for joint seal assembly replacements, and mass concrete for structural elements.	--
51-1.01C(1)	BR	A 05-20-11	--	Section 51-1.01C(1). Use if new bridge decks are within 100 feet of a residence, business, or public space.	--
51-1.01D(2)	BR	A 05-20-11	--	Section 51-1.01D(2). Use for RSC if a strength greater than 1,200 psi is required.	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
51-1.02B	BR	A 05-20-11	--	Section 51-1.02B. Use for special concrete requirements.	--
51-1.03A	BR	A 05-20-11	--	Section 51-1.03A. Use for rotated box girder typical sections.	--
51-1.03C(2)(c)(i)	BR	A 05-20-11	--	Section 51-1.03C(2)(c)(i). Use for permanent steel deck forms if the plans include structures with PC or steel superstructures designed with an allowance for additional deck load but permanent steel deck forms are not shown.	--
51-1.03E(12)	BR	A 05-20-11	--	Section 51-1.03E(12). Use for diaphragm bolsters.	--
51-1.03E(13)	BR	A 05-20-11	--	Section 51-1.03E(13). Use if hinge tiedowns are installed or removed.	--
51-1.03F(3)	BR	A 05-20-11	--	Section 51-1.03F(3). Use for unusual bridge superstructures to specify locations of Class 1 surface finishes. Check with Structure Construction.	--
51-1.03F(5)(b)	BR	A 05-20-11	--	Section 51-1.03F(5)(b). Use for all new bridge decks and approach slabs. Do not use for bridge widenings or in freeze-thaw areas.	--
51-1.03G(1)	BR	A 05-20-11	--	Section 51-1.03G(1). Use for special concrete surfaces textures.	--
51-1.04	BR	A 05-20-11	--	Section 51-1.04. Use for special payment items.	--
51-2.02D(2)(b)	BR	A 05-20-11	--	Section 51-2.02D(2)(b). Use for joint seal assemblies with a MR $\leq$ 4 inches.	--
51-2.02E(3)	BR	A 05-20-11	--	Section 51-2.02E(3). Use for joint seal assemblies with a MR $>$ 4 inches.	--
51-3.02B(1)	BR	A 05-20-11	--	Section 51-3.02B(1). Use for elastomeric bearing pads for railway underpasses.	--
51-3.03	BR	A 05-20-11	--	Section 51-3.03. Use for PTFE spherical bearings.	--
51-4.01C(2)	BR	A 05-20-11	--	Section 51-4.01C(2). Use if optional PC PS concrete deck panels for CIP PS box girders are allowed.	--
51-4.02B(3)	BR	A 05-20-11	--	Section 51-4.02B(3). Use if PC slabs with HMA or PCC overlays are shown.	--
51-4.02B(7)	BR	A 05-20-11	--	Section 51-4.02B(7). Use if optional PC PS	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
				concrete deck panels for CIP prestressed box girders are allowed.	
51-4.03B	BR	A 05-20-11	--	Section 51-4.03B. Use for PC PS girders, box girders, and double T girders.	--
51-4.03G	BR	A 05-20-11	--	Section 51-4.03G. Use if optional PC PS deck panels for CIP PS box girders are allowed.	--
51-7.02	BR	A 05-20-11	--	Section 51-7.02. Use for PC drainage inlets.	--
52-2.02A(1)	BR	A 05-20-11	--	Section 52-2.02A(1). Use for reinforcement to be epoxy coated not listed in the 2nd paragraph of section 52-2.02A(1).	--
52-2.03A(1)	BR	A 05-20-11	--	Section 52-2.03A(1). Use for epoxy-coated prefabricated reinforcement for: 1. Portions of structures that are in direct contact with marine or brackish water. Epoxy-coated prefabricated reinforcement should be used in the water and extend 20 feet above the mean higher high tide water level. 2. Reinforcement in concrete barriers on structures located within 1,000 feet of ocean or tidal water. Plans must clearly show where epoxy-coated prefabricated reinforcement is to be used. Reinforcement inside CISS piles should NOT be epoxy coated..	--
52-4	BR	A 05-20-11	--	Section 52-4. Use when stainless steel reinforcement is shown or required. Need to specify chemical composition (stainless steel alloy), heat treatment condition, deformed or plain, grade, and descaling method and finish.	--
52-5.01D(1)	BR	A 05-20-11	--	Section 52-5.01D(1). Use when headed bars with reduced size heads are to be used instead of full size heads.	
53-1.03D	BR	A 05-20-11	--	Section 53-1.03D. Use if shotcrete requires a certain type of finish.	--
53-2.01D(3)	BR	A 05-20-11	--	Section 53-2.01D(3). Use to modify shotcrete test panel requirements.	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
54-2.04	BR	A 05-20-11	--	Section 54-2.04. Use for dampproofing when the quantity is small if asphalt membrane waterproofing is a bid item.	--
54-4.03	BR	A 05-20-11	--	Section 54-4.03. Use for waterproofing and cover if the expansion joint requires a different width steel sheet and antibond paper from that specified in section 54-4.03B. Fill in the width required.	--
55-1.02A(2)	BR	A 05-20-11	Additional CVN Requirements	Section 55-1.02C(1). Use for additional CVN requirements.	--
55-1.02B(6)(a)	BR	A 05-20-11	Galvanizing HS Fasteners	Section 55-1.02D(6)(a). Use for galvanizing HS fasteners.	--
55-1.02B(6)(c)	BR	A 05-20-11	Sealing DTI Gaps	Section 55-1.02D(6)(c). Use for sealing direct tension indicator gaps.	--
55-1.02B(7)(b)	BR	A 05-20-11	Backing for Welds	Section 55-1.02D(7)(b). Use if backing for welds is allowed.	--
55-1.02B(8)	BR	A 05-20-11	Curved Girders	Section 55-1.02D(8). Use for curved steel girders.	--
55-1.03C(3)	BR	A 05-20-11	Heat Straightening Steel Girders	Section 55-1.03C(3). Use for heat straightening damaged steel girders.	--
55-2	BR	A 05-20-11	Column Casings	Section 55-2. Use for steel column casings.	--
55-3	BR	A 05-20-11	Prestress Steel Girders	Section 55-3. Use for prestressing existing steel girders.	--
56-3	BR	A 05-20-11	--	Section 56-3. Use for sign structures if any one of the following applies: 1. 30 days review is not sufficient 2. Tubular sign structures are not to be painted 3. Painting sign structures other than tubular and box beam-closed truss types 4. Bolted connections are located in a freeze-thaw area or within 2 miles of ocean or tidal waters.	--
56-4	TD	A 05-20-11	--	Section 56-4. Use for wide flange metal posts.	--
57-2.01B(3)	BR	A 05-20-11	--	Section 57-2.01B(3). Use for timber that is preservative treated. Verify that the use of timber treatment complies with Department of Fish and Game requirements. Check	For treated solid stock lumber and timber, plans should show grading for both Douglas fir and Hem-Fir.

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
				project permits before final editing; some treatments may not be allowed.	
57-2.03B(3)	BR	A 05-20-11	--	Section 57-2.03B(3). Use for a timber catwalk if the minimum wire rope size is other than 1/2 inch diameter.	--
57-2.04	BR	A 05-20-11	--	Section 57-2.04. Use for abutment lumber blocking. Verify that the use of timber treatment complies with Department of Fish and Game requirements. Check project permits before final editing; some treatments may not be allowed.	For typical box girder bridges, plans should show only the dimensions of the spaces to be filled with abutment lumber blocking. The required sizes of lumber should not be shown. Plans should not show the type or grade of wood to be used. Plans must show the required air gap dimensions between abutment lumber blocking and concrete surfaces, or between steel plate and end of I- girder - similar to the seasonal "a" dimensions for joint seals.
57-2.05	BR	A 05-20-11	--	Section 57-2.05. Use for timber retaining walls.	--
58-2.01A	BR	A 05-20-11	--	Section 58-2.01A. Use when proprietary sound wall systems are allowed as alternatives to the State's design shown. Check with the designer.	
58-2.02B	BR	A 05-20-11	--	Section 58-2.02B. Use to specify CMU color for sound walls.	--
58-2.02D	BR	A 05-20-11	--	Section 58-2.02D. Use if lightweight aggregate is required for the grout.	--
58-2.02E	BR	A 05-20-11	--	Section 58-2.02E. Use if lightweight aggregate is required for the grout.	--
58-2.03A	BR	A 05-20-11	--	Section 58-2.03A. Use for sound walls on piles or trench footings that reference Standard Plan B15-1, B15-5, B15-8, or B15-15.	--
58-3	BR	A 05-20-11	Precast Concrete Panels	Section 58-3.01. Use for PC concrete panel sound walls. Edit SSP as necessary to match the plans.	--
58-4.01A	BR	A 05-20-11	--	Section 58-4.01A. Use if alternative sound wall systems are allowed as alternatives to the State's design shown. Check with the	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
				designer.	
59-10	BR	A 05-20-11	Thermal Spray Coating Structural Steel	Section 59-10. Use with thermal spray coated surfaces.	--
59-2.01A	BR	A 05-20-11	Bridge Painting Description	Section 59-2.01A. Use to describe bridge painting requirements.	--
59-2.01C(2)	BR	A 05-20-11	Mandatory SSPC-QP Certification	Section 59-2.01C(2). Use with mandatory SSPC-QP certification.	--
59-2.01D(1)	BR	A 05-20-11	SSPC-QP Certification Waiver	Section 59-2.01D(1). Use for waiving SSPC-QP certification.	--
59-2.03A	BR	A 05-20-11	Existing Contact Surfaces	Section 59-2.03A. Use when paint removal is not required at connections of new structural steel to existing structural steel .	--
59-2.03B(2)(a)	BR	A 05-20-11	Solvent Cleaning Bolt Holes	Section 59-2.03B(2)(a). Use for solvent cleaning bolt holes.	--
59-2.03B(2)(b)	BR	A 05-20-11	100% Paint Removal Existing Bridge	Section 59-2.03B(2)(b). Use for 100 percent paint removal from existing bridges.	--
59-2.03C(2)(a)	BR	A 05-20-11	Paint Solvent Cleaned Bolt Holes	Section 59-2.03B(2)(a). Use with solvent cleaned bolt holes.	--
59-2.03C(2)(b)(iii)	BR	A 05-20-11	Special Finish Coat Requirements	Section 59-2.03C(2)(b)(iii). Use for special finish coat requirements.	--
59-3.03	BR	A 05-20-11	Finish Coating Gavanized Surfaces	Section 59-3.03. Use for specify finish coat color for galvanized surfaces.	--
59-6.03	BR	A 05-20-11	Painting Concrete	Section 59-6.03. Use with painted concrete surfaces.	--
59-7	BR	A 05-20-11	Acid Staining Concrete	Section 59-7. Use with acid-stained concrete surfaces.	--
59-9.01	BR	A 05-20-11	Painting Steel Soldier Piling	Section 59-9.01. Use with painted steel soldier piling.	--
61-1.01D(2)(a)	DD	A 05-20-11	--	Section 61-1.01D(2)(a). Use for field leakage testing of culvert and drainage pipes (1) where settlement is expected to be in excess of 3 inches, (2) for areas having fine cohesionless soils, or (3) whenever infiltration or exfiltration water quality issues exist (e.g., water permits, local agency regulations, etc.).	--
64-1.03C	DD	A 05-20-11	--	Section 64-1.03C. Use if (1) migration of fines or silt through the joint is a potential, or	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
				(2) infiltration and exfiltration are not permitted.	
65-2.02A	DD	A 05-20-11	--	Section 65-2.02A. Use for corrosive environments.	--
65-2.03B	DD	A 05-20-11	--	Section 65-2.03B. Use if (1) it is anticipated that rock or other unyielding material will be encountered in the excavation below the bottom of the bedding shown on Standard Plan A62DA, or (2) timber bulkheads are shown.	Provide funds in the BEES under supplemental work.
65-3	DD	A 05-20-11	--	Section 65-3. Use only if nonreinforced concrete pipe is a bid item. These provisions provide for 4" to 36" pipe sizes, inclusive.	--
66-2.02	DD	A 05-20-11	--	Section 66-2.02. Use for locations where a slot section size and tapered spacer are desired. In the blank, use 2-1/2 or 6 for grate size.	Include heel resistant grate for pedestrian traffic areas. Show heel resistant grate on the plans.
68-2.02F(1)	DD	A 05-20-11	--	Section 68-2.02F(1). Use to specify Class 2 or Class 3 permeable material for underdrains.	--
68-5	DD	A 05-20-11	Permeable Material Blanket	Section 68-5. Use if permeable material blanket is specified or shown on the plans.	Edit as required.
68-6	DD	A 05-20-11	Drainage Wick	Section 68-6. Use if drainage wicks are specified or shown.	--
70-3.02B(1)	DD	A 05-20-11	--	Section 70-3.02B(1). Use if welded steel pipe is coated.	--
70-3.02B(4)	DD	A 05-20-11	Asphalt Coating	Section 70-3.02B(4). Use only if required by an outside agency. Use for asphalt coating and wrapping on welded steel pipe. Edit per SSP owner's recommendations.	--
70-5.05B(2)	DD	A 05-20-11	Drainage Gates for Low Head Pressure	Section 70-5.05B(2). Use for a circular flap gate with an operating face pressure of $\leq 10$ feet.	--
70-5.05B(3)	DD	A 05-20-11	Drainage Gates for High Head Pressure	Section 70-5.05B(3). Use for automatic drainage gates with an operating head between 10 and 50 feet.	--
70-5.05C	DD	A 05-20-11	Slide Headgates	Section 70-5.05C. Use for sliding headgates.	--
70-6	DD	A 05-20-11	Grated Line Drain	Section 70-6. Use for grated line drains.	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
72-11.01	BR	A 05-20-11	--	Section 72-11.01. Use for either of the following: 1. Test panel is required for slope paving 2. Slope paving is colored, but a test panel is not required	To cover overside drains see section 69.
72-11.03	BR	A 05-20-11	Slope Paving with Concrete Pavers	Section 72-11.03 Use for paving slopes with concrete pavers.	--
72-16.02C	DM	A 05-20-11	--	Section 72-16.02C. Use if the gabion PVC coating color is not gray.	--
72-2.02B	DM	A 05-20-11	--	Section 72-2.02B. Use for nonstandard fabric for RSP.	--
72-3.02A	DM	A 05-20-11	--	Section 72-3.02A. Use to specify colored concrete for concreted-rock slope protection.	--
72-5.02	DM	A 05-20-11	--	Section 72-5.02. Use to specify colored concrete for concrete slope protection.	--
72-6	DM	A 05-20-11	Broken-Concrete Slope Protection	Section 72-6. Use when broken concrete is created on the job site and reused for broken-concrete slope protection.	--
74-3.02B(2)	BR	A 05-20-11	Service Pedestal	Section 74-3.02B(2). Use when a free standing service pedestal is shown.	Use for electrical equipment in duplex pumping plants.
74-3.02B(3)	BR	A 05-20-11	Motor Control Center	Section 74-3.02B(3). Use when a motor control center is shown.	Use for electrical equipment in duplex pumping plants.
75-1.02C	DD	A 05-20-11	--	Section 75-1.02C. Use for a cattle guard.	Use details from the 1977 Standard Plans and edit as required for the project.
75-1.03A	BR	A 05-20-11	--	Section 75-1.03A. Use for miscellaneous bridge metal not listed in the 2nd paragraph of section 75-1.03A.	--
75-1.03D(1)	BR	A 05-20-11	--	Section 75-1.03D(1). Use for a bridge deck drainage system.	--
75-1.03E(2)(a)	BR	A 05-20-11	--	Section 75-1.03E(2)(a). Use for cable-type restrainers located (1) within 10 miles of coastal waters or (2) in a freeze-thaw area.	--
75-1.03E(2)(d)(i)	BR	A 05-20-11	--	Section 75-1.03E(2)(d)(i). Use for short-time-limit contracts if corrosion protection is required on cable restrainers.	--
75-1.03H	BR	A 05-20-11	--	Section 75-1.03H. Use for an isolation casing.	--
75-1.03I	BR	A 05-20-11	--	Section 75-1.03I. Use for tie rods at	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
				abutments.	
76-1	BR	A 05-20-11	General	Section 76-1. Use if any section 76 SSPs are included.	
76-2	BR	A 05-20-11	Water Well	Section 76-2. Use for water wells. Include section 76-1.	
76-3	BR	A 05-20-11	Exploration Hole	Section 76-3. Use for drilling exploration holes. Exploration holes are temporary, uncased wells for gathering geologic and hydrologic data. Do not use for Test Wells. Include section 76-1.	Do not use for test wells.
76-4	BR	A 05-20-11	Rehabilitate Existing Water Well	Section 76-4. Use for rehabilitating existing water wells. Include section 76-1.	
76-5	BR	A 05-20-11	Monitor Well	Section 76-5. Use for monitor wells. Provide guard posts near monitor wells to protect from vehicular traffic. Certain locations require guard posts under Water Well Standards, DWR Bulletin 74-90 10F. Include section 76-1.	
80-2.02A	DM	A 05-20-11	--	Section 80-2.02A. Use for barbed wire or wire mesh fence. Insert post type (metal, treated wood, untreated wood).	--
80-2.02B	DM	A 05-20-11	--	Section 80-2.02B. Use for barbed wire or woven wire fence with metal posts.	1. Use if posts must be galvanized. If you use par. 1, delete par. 2. 2. Use if posts must be painted. Insert color. If you use par. 2, delete par. 1.
80-3.02C	DM	A 05-20-11	--	Section 80-3.02C. Use for vinyl-coated fence (1) that is other than medium or dark green, (2) that is vandal resistant, or (3) both.	1. Use for a coating other than medium or dark green. Insert color. 2. Use for vandal-resistant coating.
80-3.02E	DM	A 05-20-11	--	Section 80-3.02E. Use for slatted fence. Insert color.	--
83-1.02B	TS	A 05-20-11	--	Section 83-1.02B. Use if post and block types must be specified.	--
83-1.02B(1)	LS	A 05-20-11	--	Section 83-1.02B(1). Use if vegetation control (minor concrete) is included.	Include applicable Standard Plans A77C5 through A77C10 for metal beam guard railing vegetation control and A78C3 through A78C6 for thrie beam barrier vegetation control. Use BEES item 832070 Vegetation

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
					Control (Minor Concrete).
83-1.02C(2)	TS	A 05-20-11	--	Section 83-1.02C(2). Use if alternative in-line terminal system is included.	Include Standard Plans A77L2 and A77L3. If Type SKT terminal system or Type ET terminal system is to be used specifically, contact HQ Traffic for approval to use, contact DES-Office Engineer for the special provision and prepare a public interest finding to justify the use of a sole source item.
83-1.02C(3)	TS	A 05-20-11	--	Section 83-1.02C(3). Use if alternative flared terminal system is included.	Include Standard Plans A77L1 and A77L5. If Type FLEAT terminal system or Type SRT terminal system is to be used specifically, contact HQ Traffic for approval to use, contact DES-Office Engineer for the special provision and prepare a public interest finding to justify the use of a sole source item.
83-1.02C(4)	TS	A 05-20-11	--	Section 83-1.02C(4). Use if Type CAT terminal system is included.	Include Standard Plan A77L4.
83-1.02D(2)	BR	A 05-20-11	--	Section 83-1.02D(2). Use for California ST-10, ST-30, and ST-40 bridge rail.	--
83-1.02I	BR	A 05-20-11	--	Section 83-1.02I. Use for corrosive exposures (all coastal and all industrial areas such as Los Angeles - Santa Ana area) or if a vandalproof-coated wire fabric is required.	--
83-2.02D(1)_x1	BR	A 05-20-11	--	Section 83-2.02D(1). Use if (1) concrete barrier is in a marine environment, (2) concrete barrier is constructed on aggregate base, (3) abrasive blasting is prohibited by environmental restraints, or (4) a barrier type is paid as concrete barrier (Type 25).	See Bridge Design Specifications section 8.22 for information regarding marine environments within 1,000 feet of ocean or tidal water. See Attachment B of section 8.2 in Memos to Designers for Climate III area limits.
83-2.02D(1)_x2	TS	A 05-20-11	--	Section 83-2.02D(1). Use if Type K temporary railing is to remain in place at the completion of the project.	Show on plans as Concrete Barrier (Type K).
83-2.02D(1)_x3	TS	A 05-20-11	--	Section 83-2.02D(1). Use if Type 60K portable concrete barrier is included.	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
83-2.02D(2)	BR	A 05-20-11	--	Section 83-2.02D(2). Use for projects in District 11 with concrete barriers other than Type 50 or 60 series.	
83-2.02E(2)	TS	A 05-20-11	--	Section 83-2.02E(2). Use if Type CAT crash cushion is included.	Use with Standard Plan A82A1.
83-2.02E(3)	TS	A 05-20-11	--	Section 83-2.02E(3). Use if Type ADIEM crash cushion is included.	Use with Standard Plan A82B1.
83-2.02E(4)	TS	A 05-20-11	--	Section 83-2.02E(4). Use if Type REACT crash cushion is included.	Use with Standard Plans A82C1, A82C2, and A82C3, or with Standard Plans A82D1, A82D2, and A82D3, or with both sets. Use with Standard Plan A82D4.
83-2.02E(5)	TS	A 05-20-11	--	Section 83-2.02E(5). Use if sand-filled crash cushion is included.	--
83-2.02F	TS	A 05-20-11	--	Section 83-2.02F. Use for construction of wildlife passage way in concrete barrier.	Contact Office of Biological Studies and Technical Assistance for need and location of wildlife passage way. Include Standard Plans A76J, A76K, and A76L when applicable.
83-2.03	BR	A 05-20-11	--	Section 83-2.03. Use if a barrier type is paid as concrete barrier (Type 25).	
84-2.03B	TM	A 05-20-11	--	Section 84-2.03B. Use for extruded thermoplastic if (1) more durable traffic striping is required, or (2) where striping is placed on open-graded HMA pavement.	--
84-4	TM	A 05-20-11	Two-Component Paint Traffic Stripes and Pavement Markings	Section 84-4. Use two-component paint traffic stripes and pavement markings on roadways (1) where light to moderate snow plowing is required, and (2) when abrasion resistant striping is required.	--
84-5	TM	A 05-20-11	Recessed Thermoplastic Traffic Stripes	Section 84-5. Use if recessed thermoplastic traffic stripes are required for projects where routine snow plowing will be performed.	Include standard plan A20D.
86-1.01	TE	A 05-20-11	--	Section 86-1.01. Use in projects that include electrical work.	--
86-1.03	TE	A 05-20-11	--	Section 86-1.03. Use for projects that include a lump sum bid item for electrical system work.	--
86-1.06A	TE	A 05-20-11	--	Section 86-1.06A. Use if signal system shutdowns are only allowed during specific	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
				hours and lane closures are not specified under section 12-4.	
86-1.06B	TE	A 05-20-11	--	Section 86-1.06B. Use in all projects unless the District's Traffic Operations Electrical Representative provides an exception based on zero existing TMS elements within the project limits. Do not use for Building projects.	Use BEES item 860090 Maintaining Existing Traffic Management System Elements During Construction.
86-2.03B	BR	A 05-20-11	--	Section 86-2.03B. Use for Type 1 foundation.	Include SSPs 49-200 and 49-310, and edit appropriately when cast-in-drilled-hole concrete piling is greater than or equal to 24 inches in diameter AND greater than 5 feet in length.
86-2.04A	BR	A 05-20-11	--	Section 86-2.04A. Use for section 86 work requiring standards, steel pedestals, or posts.	Include SSP S8- W04, S8- W05, S8- W09, and applicable portions of SSP 55- 500 for bolted connections and welding. When nonstandard support structures are anticipated, the designer must check with Structure, Special Design Branch.
86-2.04C	BR	A 05-20-11	--	Section 86-2.04C. Use if fiberglass highway advisory radio poles are included.	Use when applicable with fiberglass- reinforced plastic (FRP) Highway Advisory Radio (HAR) Pole Standard details.
86-2.04D	BR	A 05-20-11	--	Section 86-2.04D. Use if aluminum lighting standards are allowed as an option for Types 15, 21, and 30 lighting standards.	--
86-2.05	TE	A 05-20-11	--	Section 86-2.05. Use if conduit is included.	--
86-2.06	TE	A 05-20-11	--	Section 86-2.06. Use if the bottoms of pull boxes are not to be grouted.	--
86-2.08	TE	A 05-20-11	--	Section 86-2.08. Use for all Electrical projects.	--
86-2.09E	TE	A 05-20-11	--	Section 86-2.09E. Use for conductors that are only allowed one type of splice insulation.	--
86-2.11A	TE	A 05-20-11	--	Section 86-2.11A. Use for projects with new service equipment enclosures.	--
86-2.11B	TE	A 05-20-11	--	Section 86-2.11B. Use for projects with electric service for irrigation.	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
86-2.11C	TE	A 05-20-11	--	Section 86-2.11C. Use if booster pump is included.	USE CONTRACT ITEM CODE: 860798 BOOSTER PUMP ELECTRICAL SYSTEM
86-2.18	TE	A 05-20-11	--	Section 86-2.18. Use in all projects with electrical work.	--
86-3.01B	TE	A 05-20-11	--	Section 86-3.01B. Use if Model 336 controller cabinet is included.	--
86-3.02	TE	A 05-20-11	--	Section 86-3.02. Use if battery backup system is included for traffic control signals. May be used for other applications using Model 332A or 334 cabinet and a maximum load of 1000 W.	--
86-3.04	TE	A 05-20-11	--	Section 86-3.04. Use if Contractor-furnished Model 332, 334, or 336 cabinets without traffic signal equipment are required. Use if Contractor-furnished cabinets for CCTV, RWIS, HAR, EMS, TMS, WIM, AVC, or similar applications are required.	If cabinets contain Contractor-furnished electrical or electronic equipment and testing at METS is required, provide sufficient time in delayed start or in working days for 30-day testing at METS.
86-4.01D	TE	A 05-20-11	--	Section 86-4.01D. Use if installing signal face with circular, arrows, U turn, bicycle, programmable visibility, or lane control sections.	Include 30 days for testing LED modules for projects that do not include a delayed start SSP for signal or lighting standards. For U turn, bicycle, or lane control sections, include drawing of symbol on the plans.
86-4.03I	TE	A 05-20-11	--	Section 86-4.03I. Use if installing Type A pedestrian signal face modules.	Include 30 days for testing LED PSF modules for projects that do not include a delayed start SSP for signal or lighting standards
86-4.03J	TE	A 05-20-11	--	Section 86-4.03J. Use for ramp metering signs.	--
86-5.01A(1)	TE	A 05-20-11	--	Section 86-5.01A(1). Use if detectors are included.	--
86-5.01C	TE	A 05-20-11	--	Section 86-5.01C. Use for microwave vehicle detection system, side-fire installation. Do not use for traffic signal control.	Use BEES item 860812 Microwave Vehicle Detection System.
86-5.01D	TE	A 05-20-11	--	Section 86-5.01D. Use for emergency vehicle detector system.	
86-5.02	TE	A 05-20-11	--	Section 86-5.02. Use for plastic push button	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
				housing.	
86-6.01	TE	A 05-20-11	--	Section 86-6.01. Use for luminaires.	--
86-6.04	TE	A 05-20-11	--	Section 86-6.04. Use for high mast lighting assemblies.	--
86-6.05	TE	A 05-20-11	--	Section 86-6.05. Use for soffit luminaires.	--
86-6.06C	TE	A 05-20-11	--	Section 86-6.06C. Use for in-roadway warning lights.	Use with SSPs 86-1.01, 86-2.04A, 86-2.05, 86-2.06, 86-2.08, 86-2.09E, 86-2.11A and 86-5.02 if no other electrical work is included.
86-6.08D	TE	A 05-20-11	--	Section 86-6.08D. Use if applicable for 3-foot fixtures. Use for signs 5-1/2 feet in width, or less, and where mercury fixtures are not to be installed.	--
86-6.09	TE	A 05-20-11	--	Section 86-6.09. Use if only one type of street name sign is allowed.	When the internally illuminated street name sign (IISNS) is 8-foot, the signal standard supporting the IISNS must be rated for 80 mph. See tables on Standard Plans ES-7D-ES-7H.
86-6.10D	TE	A 05-20-11	--	Section 86-6.10D. Use for changeable message sign systems..	1. Include sign structure quantities on the project plans. 2. Provide a payment clause for Model 500 Changeable Message Sign Systems under "Payment"
86-6.11B(1)	TE	A 05-20-11	--	Section 86-6.11B(1). Use for early turn-on for a separate sign circuit.	--
86-8.01	TE	A 05-20-11	--	Section 86-8.01. Use if items for signal and lighting, lighting, or lighting and sign illumination are included.	--
87-2	PM	A 05-20-11	--	Section 87-2. Use in all District 07, 08, 11, and 12 projects.	--
88-1.02B	METS	A 05-20-11	Filter Fabric	Section 88-1.02B. Use for projects with filter fabric.	--
90-1.02H	BR	A 05-20-11	--	Section 90-1.02H. Use for concrete in direct contact with a corrosive environment, including corrosive environments located in freeze-thaw areas. For structure concrete, refer to Memo to Designers, Figure 10-5(1): Corrosive Environment Diagram, and California	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
				Amendments to AASHTO LRFD Bridge Design Specifications, Table 5.12.3-1: Minimum Concrete Cover for 75-year Design Life. For all other concrete, refer to Highway Design Manual, Tables 855.4A and 855.4B. Information regarding the chloride or sulfate concentration and pH level of soil and water should be found in the Supplementary Project Information.	
90-1.02I(2)	BR	A 05-20-11	--	Section 90-1.02I(2). Use for concrete for projects in freeze-thaw areas.	--
90-2.02B	BR	A 05-20-11	--	Section 90-2.02B. Use for minor concrete.	--
90-5.01	BR	A 05-20-11	--	Section 90-5.01. Use for SCC elements if the designer or METS requires (1) the construction of a mock-up or (2) that SCC be allowed for nonprecast elements.	--
90-6	BR	A 05-20-11	--	Section 90-6. Use for lightweight concrete.	The air-dry unit weights listed in par. 18 are for general applications and may be reduced to approximately 100 lbs/cu. ft. when required by the Offices of Structure Design. See Memo to Designers 21- 47.
99	BR	A 05-20-11	General Requirements	Section 99. Use for a building project.	--
99-01050	BD	A 05-20-11	Field Engineering	Section 99-01050. Use if field engineering is included.	--
99-02071	BD	A 05-20-11	Removing Portions of Existing Facilities	Section 99-02071. Use if removing portions of existing facilities is included.	--
99-02072	BD	A 05-20-11	Relocating Materials And Equipment	Section 99-02072. Use if relocating materials and equipment is included.	--
99-02074	BD	A 05-20-11	Removing Portions of Existing Roof Covering	Section 99-02074. Use if removing portions of existing roof covering is included.	--
99-02075	BD	A 05-20-11	Abandon Portions of Waste Disposal System	Section 99-02075. Use if abandon portions of waste disposal system is included.	--
99-02076	BD	A 05-20-11	Remove Waste Disposal System	Section 99-02076. Use if remove waste disposal system is included.	--
99-02110	BD	A 05-20-11	Clearing and	Section 99-02110. Use if clearing and	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
			Grubbing	grubbing is included.	
99-02210	BD	A 05-20-11	Rough Grading	Section 99-02210. Use if rough grading is included.	--
99-02220	BD	A 05-20-11	Earthwork For Building Work	Section 99-02220. Use if earthwork for building work is included.	--
99-02234	BD	A 05-20-11	Aggregate Base	Section 99-02234. Use if aggregate base is included.	--
99-02236	BD	A 05-20-11	Free Draining Granular Material	Section 99-02236. Use if free draining granular material is included.	--
99-02282	BD	A 05-20-11	Termite Control	Section 99-02282. Use if termite control is included.	--
99-02372	BD	A 05-20-11	Cast-In-Drilled-Hole Piles	Section 99-02372. Use if cast-in-drilled-hole piles are included.	--
99-02576	BD	A 05-20-11	Parking Area Seal Coat	Section 99-02576. Use if parking area seal coat is included.	--
99-02585	BD	A 05-20-11	Painted Pavement Markings	Section 99-02585. Use if painted pavement markings are included.	--
99-02586	BD	A 05-20-11	Jacking Pipe Casing	Section 99-02586. Use if jacking pipe casing is included.	--
99-02730	BD	A 05-20-11	Sanitary Sewage Disposal System	Section 99-02730. Use if a sanitary sewage disposal system is included.	--
99-02732	BD	A 05-20-11	Sewage Pumping Station Enclosure	Section 99-02732. Use if a sewage pumping station enclosure is included.	--
99-02733	BD	A 05-20-11	RV Sanitary Station	Section 99-02733. Use if a rv sanitary station is included.	--
99-02740	BD	A 05-20-11	Septic Sewage Disposal System	Section 99-02740. Use if a septic sewage disposal system is included.	--
99-02750	BD	A 05-20-11	Wash Water System	Section 99-02750. Use if a wash water system is included.	--
99-02780	BD	A 05-20-11	Communication Tower	Section 99-02780. Use if a communication tower is included.	--
99-02842	BD	A 05-20-11	Guard Posts	Section 99-02842. Use if guard posts are included.	--
99-02844	BD	A 05-20-11	Parking Bumpers	Section 99-02844. Use if parking bumpers are included.	--
99-02846	BD	A 05-20-11	Accessible Parking Signs	Section 99-02846. Use if accessible parking signs are included.	--
99-03300	BD	A 05-20-11	Cast-In-Place Concrete	Section 99-03300. Use if cast-in-place concrete is included.	--
99-03351	BD	A 05-20-11	Exposed Aggregate	Section 99-03351. Use if exposed	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
			Finish	aggregate finish is included.	
99-03362	BD	A 05-20-11	New Wall Openings	Section 99-03362. Use if new wall openings are included.	--
99-03470	BD	A 05-20-11	Precast Concrete Tilt-Up Panels	Section 99-03470. Use if precast concrete tilt-up panels are included.	--
99-03602	BD	A 05-20-11	Drill and Grout Dowels	Section 99-03602. Use if drill and grout dowels are included.	--
99-03603	BD	A 05-20-11	Drill and Bond Dowels	Section 99-03603. Use if drill and bond dowels are included.	--
99-04221	BD	A 05-20-11	Prefaced Masonry Units	Section 99-04221. Use if prefaced masonry units are included.	--
99-04230	BD	A 05-20-11	Concrete Masonry Units	Section 99-04230. Use if concrete masonry units are included.	--
99-04270	BD	A 05-20-11	Glass Masonry Units	Section 99-04270. Use if glass masonry units are included.	--
99-05120	BD	A 05-20-11	Structural Steel For Buildings	Section 99-05120. Use if structural steel for buildings is included.	--
99-05210	BD	A 05-20-11	Open Web Steel Joists	Section 99-05210. Use if open web steel joists are included.	--
99-05310	BD	A 05-20-11	Metal Deck	Section 99-05310. Use if a metal deck is included.	--
99-05420	BD	A 05-20-11	Cold Formed Metal Framing	Section 99-05420. Use if cold formed metal framing is included.	--
99-05500	BD	A 05-20-11	Building Miscellaneous Metal	Section 99-05500. Use if building miscellaneous metal is included.	--
99-05520	BD	A 05-20-11	Aluminum Handrail and Railings	Section 99-05520. Use if aluminum handrail and railings are included.	--
99-05550	BD	A 05-20-11	Stair Nosing	Section 99-05550. Use if stair nosing is included.	--
99-05810	BD	A 05-20-11	Expansion Joint Cover Assemblies	Section 99-05810. Use if expansion joint cover assemblies are included.	--
99-06100	BD	A 05-20-11	Rough Carpentry	Section 99-06100. Use if rough carpentry is included.	--
99-06150	BD	A 05-20-11	Joist Trusses	Section 99-06150. Use if joist trusses are included.	--
99-06180	BD	A 05-20-11	Glued Laminated Members	Section 99-06180. Use if glued laminated members are included.	--
99-06192	BD	A 05-20-11	Pre-Engineered Wood Trusses	Section 99-06192. Use if pre-engineered wood trusses are included.	--
99-06194	BD	A 05-20-11	Prefabricated Wood	Section 99-06194. Use if prefabricated	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
			I-Beam Joists	wood I-beam joists are included.	
99-06200	BD	A 05-20-11	Finish Carpentry	Section 99-06200. Use if finish carpentry is included.	--
99-06414	BD	A 05-20-11	Cabinets	Section 99-06414. Use if cabinets are included.	--
99-07112	BD	A 05-20-11	Bituminous Waterproofing	Section 99-07112. Use if bituminous waterproofing is included.	--
99-07115	BD	A 05-20-11	Sheet Waterproofing	Section 99-07115. Use if sheet waterproofing is included.	--
99-07182	BD	A 05-20-11	Water Repellent Coating	Section 99-07182. Use if water repellent coating is included.	--
99-07210	BD	A 05-20-11	Insulation (General)	Section 99-07210. Use when other insulation SSPs are included.	--
99-07212	BD	A 05-20-11	Batt and Blanket Insulation	Section 99-07212. Use if batt and blanket insulation is included.	--
99-07213	BD	A 05-20-11	Insulation For Pre-Engineered Steel Building	Section 99-07213. Use if insulation for pre-engineered steel building is included.	--
99-07214	BD	A 05-20-11	Rigid Wall Insulation	Section 99-07214. Use if rigid wall insulation is included.	--
99-07216	BD	A 05-20-11	Loose Fill Insulation	Section 99-07216. Use if loose fill insulation is included.	--
99-07221	BD	A 05-20-11	Rigid Roof Insulation	Section 99-07221. Use if rigid roof insulation is included.	--
99-07255	BD	A 05-20-11	Sprayed-On Fireproofing	Section 99-07255. Use if sprayed-on fireproofing is included.	--
99-07270	BD	A 05-20-11	Through-Penetration Firestopping	Section 99-07270. Use if through-penetration firestopping is included.	--
99-07311	BD	A 05-20-11	Asphalt Shingle Roofing	Section 99-07311. Use if asphalt shingle roofing is included.	--
99-07313	BD	A 05-20-11	Wood Shingle Roofing	Section 99-07313. Use if wood shingle roofing	--
99-07315	BD	A 05-20-11	Wood Shake Roofing	Section 99-07315. Use if wood shake roofing is included.	--
99-07321	BD	A 05-20-11	Clay Tile Roof	Section 99-07321. Use if clay tile roof is included.	--
99-07323	BD	A 05-20-11	Concrete Tile Roofing	Section 99-07323. Use if concrete tile roofing is included.	--
99-07410	BD	A 05-20-11	Metal Roof and Siding	Section 99-07410. Use if metal roof and siding is included.	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
99-07411	BD	A 05-20-11	Metal Roofing	Section 99-07411. Use if metal roofing is included.	--
99-07512	BD	A 05-20-11	Built-Up Asphalt Roofing System	Section 99-07512. Use if built-up asphalt roofing system is included.	--
99-07620	BD	A 05-20-11	Sheet Metal Flashing	Section 99-07620. Use if sheet metal flashing is included.	--
99-07720	BD	A 05-20-11	Roof Specialties	Section 99-07720. Use if roof specialties are included.	--
99-07810	BD	A 05-20-11	Skylights	Section 99-07810. Use if skylights are included.	--
99-07910	BD	A 05-20-11	Joint Sealant	Section 99-07910. Use if joint sealant is included.	--
99-07920	BD	A 05-20-11	Sealants	Section 99-07920. Use if sealants are included.	--
99-08100	BD	A 05-20-11	Steel Doors and Frames	Section 99-08100. Use if steel doors and frames are included.	--
99-08211	BD	A 05-20-11	Flush Wood Doors	Section 99-08211. Use if flush wood doors are included.	--
99-08305	BD	A 05-20-11	Access Doors	Section 99-08305. Use if access doors are included.	--
99-08312	BD	A 05-20-11	Overhead Coiling Doors	Section 99-08312. Use if overhead coiling doors are included.	--
99-08341	BD	A 05-20-11	Overhead Coiling Grille	Section 99-08341. Use if overhead coiling grille are included.	--
99-08352	BD	A 05-20-11	Bifolding Doors	Section 99-08352. Use if bifolding doors are included.	--
99-08354	BD	A 05-20-11	Folding Partitions	Section 99-08354. Use if folding partitions are included.	--
99-08360	BD	A 05-20-11	Sectional Overhead Doors	Section 99-08360. Use if sectional overhead doors are included.	--
99-08367	BD	A 05-20-11	Telescoping Steel Doors	Section 99-08367. Use if telescoping steel doors are included.	--
99-08425	BD	A 05-20-11	Automatic Sliding Doors	Section 99-08425. Use if automatic sliding doors are included.	--
99-08520	BD	A 05-20-11	Windows	Section 99-08520. Use if windows are included.	--
99-08522	BD	A 05-20-11	Cold-Formed Steel Windows	Section 99-08522. Use if cold-formed steel windows are included.	--
99-08710	BD	A 05-20-11	Door Hardware	Section 99-08700. Use if door hardware is included.	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
99-08810	BD	A 05-20-11	Glazing	Section 99-08810. Use if glazing is included.	--
99-09220	BD	A 05-20-11	Portland Cement Plaster	Section 99-09220. Use if portland cement plaster is included.	--
99-09221	BD	A 05-20-11	Textured Waterproof Coating	Section 99-09221. Use if textured waterproof coating is included.	--
99-09250	BD	A 05-20-11	Gypsum Wallboard	Section 99-09250. Use if gypsum wallboard is included.	--
99-09315	BD	A 05-20-11	Ceramic and Quarry Tile	Section 99-09315. Use if ceramic and quarry tile is included.	--
99-09614	BD	A 05-20-11	Detectable Warning Surface	Section 99-09614. Use if a detectable warning surface is included.	--
99-09659	BD	A 05-20-11	Resilient Base	Section 99-09659. Use if resilient base is included.	--
99-09661	BD	A 05-20-11	Vinyl Composition Tile	Section 99-09661. Use if vinyl composition tile is included.	--
99-09666	BD	A 05-20-11	Resilient Sheet Flooring	Section 99-09666. Use if resilient sheet flooring is included.	--
99-09667	BD	A 05-20-11	Rubber Stair Treads	Section 99-09667. Use if rubber stair treads are included.	--
99-09680	BD	A 05-20-11	Carpeting	Section 99-09680. Use if carpeting is included.	--
99-09900	BD	A 05-20-11	Painting	Section 99-09900. Use if painting is included.	--
99-09952	BD	A 05-20-11	Vinyl Wall Covering	Section 99-09952. Use if vinyl wall covering is included.	--
99-09953	BD	A 05-20-11	Fiberglass Reinforced Plastic Panels	Section 99-09953. Use if fiberglass reinforced plastic panels (frp) are included.	--
99-09957	BD	A 05-20-11	Acoustic Ceiling Tile	Section 99-09957. Use if acoustic ceiling tile is included.	--
99-09959	BD	A 05-20-11	Suspended Ceilings	Section 99-09959. Use if suspended ceilings are included.	--
99-09985	BD	A 05-20-11	Prefinished Vinyl Covered Wallboard	Section 99-09985. Use if prefinished vinyl covered wallboard is included.	--
99-10110	BD	A 05-20-11	Chalk Boards	Section 99-10110. Use if chalk boards are included.	--
99-10120	BD	A 05-20-11	Tackboards	Section 99-10120. Use if tackboards are included.	--
99-10125	BD	A 05-20-11	Marker Boards	Section 99-10125. Use if marker boards are	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
				included.	
99-10162	BD	A 05-20-11	Metal Toilet Partitions	Section 99-10162. Use if metal toilet partitions are included.	--
99-10202	BD	A 05-20-11	Louvers (New Work)	Section 99-10202. Use if louvers are included.	--
99-10203	BD	A 05-20-11	Louvers (In Existing Overhead Doors)	Section 99-10203. Use if louvers in existing overhead doors are included.	--
99-10350	BD	A 05-20-11	Flagpole	Section 99-10350. Use if a flagpole is included.	--
99-10410	BD	A 05-20-11	Information Display Boards	Section 99-10410. Use if information display boards are included.	--
99-10411	BD	A 05-20-11	Information Display Cases	Section 99-10411. Use if information display cases are included.	--
99-10440	BD	A 05-20-11	Routed Redwood Signs	Section 99-10440. Use if routed redwood signs are included.	--
99-10443	BD	A 05-20-11	Metal Signs	Section 99-10443. Use if metal signs at emergency fuel pump shutoff switches are included.	--
99-10445	BD	A 05-20-11	Signs	Section 99-10445. Use if accessibility standards (ada) signs and symbols, room and storage loft identification signs, and self-luminating exit signs are included.	--
99-10501	BD	A 05-20-11	Wardrobe Lockers	Section 99-10501. Use if wardrobe lockers are included.	--
99-10502	BD	A 05-20-11	Wood Benches	Section 99-10502. Use if wood benches are included.	--
99-10522	BD	A 05-20-11	Fire Extinguishers and Cabinets	Section 99-10522. Use if fire extinguishers and cabinets are included.	--
99-10601	BD	A 05-20-11	Prefabricated Wire Mesh Partitions	Section 99-10601. Use if prefabricated wire mesh partitions are included.	--
99-10618	BD	A 05-20-11	Portable Partition	Section 99-10618. Use if a portable partition is included.	--
99-10652	BD	A 05-20-11	Folding Partition Wall	Section 99-10652. Use if a folding partition wall is included.	--
99-10654	BD	A 05-20-11	Folding Gates	Section 99-10654. Use if folding gates are included.	--
99-10670	BD	A 05-20-11	Free Standing Steel Shelving	Section 99-10670. Use if free standing steel shelving is included.	--
99-10674	BD	A 05-20-11	Cantilever Steel Shelving	Section 99-10674. Use if cantilever steel shelving is included.	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
99-10710	BD	A 05-20-11	Sun Screens	Section 99-10710. Use if sun screens are included.	--
99-10751	BD	A 05-20-11	Telephone Shelter (Pedestal Mounted)	Section 99-10751. Use if a pedestal-mounted telephone shelter is included.	--
99-10753	BD	A 05-20-11	Telephone Enclosures	Section 99-10753. Use if telephone enclosures are included.	--
99-10754	BD	A 05-20-11	Telephone Shelter (Post Mounted)	Section 99-10754. Use if a post-mounted telephone shelter is included.	--
99-10801	BD	A 05-20-11	Toilet and Shower Accessories	Section 99-10801. Use if toilet and shower accessories, except in safety roadside rest areas, are included.	--
99-10802	BD	A 05-20-11	Toilet Room Accessories (SRRA)	Section 99-10802. Use if safety roadside rest area toilet room accessories. For all other types of buildings, use SSP 99-10801	--
99-10880	BD	A 05-20-11	Truck Weighing System	Section 99-10880. Use if a truck weighing system is included.	--
99-10882	BD	A 05-20-11	Truck Screening Weighing System	Section 99-10882. Use if a truck screening weighing system is included.	--
99-11142	BD	A 05-20-11	High Pressure Washer (Stationary)	Section 99-11142. Use if a high pressure washer (stationary) is included.	--
99-11143	BD	A 05-20-11	High Pressure Washer (Portable)	Section 99-11143. Use if a high pressure washer (portable) is included.	--
99-11144	BD	A 05-20-11	Fuel Dispensing Equipment	Section 99-11144. Use if fuel dispensing equipment is included.	--
99-11145	BD	A 05-20-11	Liquefied Petroleum Gas (LPG) Dispensing System	Section 99-11145. Use if a liquefied petroleum gas (LPG) dispensing system is included.	--
99-11146	BD	A 05-20-11	Lubrication and Compressed Air Systems	Section 99-11146. Use if lubrication and compressed air systems are included.	--
99-11148	BD	A 05-20-11	Exhaust Evacuation Hose Real and Fan	Section 99-11148. Use if an evacuation hose real and fan is included.	--
99-11225	BD	A 05-20-11	Clarifier Tank	Section 99-11225. Use if a clarifier tank is included.	--
99-11302	BD	A 05-20-11	Oil/Water Separator (Above Ground)	Section 99-11302. Use if an oil/water separator (above ground) is included.	--
99-11303	BD	A 05-20-11	Oil/Water Separator (Underground)	Section 99-11303. Use if an oil/water separator (underground) is included.	--
99-11310	BD	A 05-20-11	Sewage Pumping Station Equipment	Section 99-11310. Use if sewage pumping station equipment is included.	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
99-11395	BD	A 05-20-11	Recycle Process Unit	Section 99-11395. Use if a recycle process unit is included.	--
99-11521	BD	A 05-20-11	Workbench	Section 99-11521. Use if a workbench is included.	--
99-12510	BD	A 05-20-11	Horizontal Blinds	Section 99-12510. Use if horizontal blinds are included.	--
99-12522	BD	A 05-20-11	Audio- Visual Venetian Blinds	Section 99-12522. Use if audio- visual venetian blinds are included.	--
99-12525	BD	A 05-20-11	Solar Control Film	Section 99-12525. Use if solar control film is included.	--
99-13121	BD	A 05-20-11	Pre-Engineered Steel Building	Section 99-13121. Use if a pre-engineered steel building is included.	--
99-13124	BD	A 05-20-11	Metal Building	Section 99-13124. Use if a metal building is included.	--
99-13210	BD	A 05-20-11	Asphaltic Emulsion Tank	Section 99-13210. Use if an asphaltic emulsion tank is included.	--
99-14451	BD	A 05-20-11	Mobile Vehicle Lift	Section 99-14451. Use if a mobile vehicle lift is included.	--
99-14554	BD	A 05-20-11	Vertical Reciprocating Conveyor	Section 99-14554. Use if a vertical reciprocating conveyor is included.	--
99-14630	BD	A 05-20-11	Bridge Crane and Hoist	Section 99-14630. Use if a bridge crane and hoist is included.	--
99-14635	BD	A 05-20-11	Freestanding Bridge Crane and Hoist	Section 99-14635. Use if a freestanding bridge crane and hoist is included.	--
99-15050	BD	A 05-20-11	Mechanical Work	Section 99-15050. Use if mechanical work is included.	--
99-15060	BD	A 05-20-11	Pipe, Fittings and Valves	Section 99-15060. Use if pipe, fittings and valves are included.	--
99-15250	BD	A 05-20-11	Mechanical Insulation	Section 99-15250. Use if mechanical insulation is included.	--
99-15330	BD	A 05-20-11	Automatic Fire Sprinkler System	Section 99-15330. Use if an automatic fire sprinkler system is included.	--
99-15443	BD	A 05-20-11	Wheelchair Accessible Shower Unit	Section 15443. Use if a wheelchair accessible shower unit is included.	--
99-15444	BD	A 05-20-11	Shower Stall	Section 99-15444. Use if a shower stall is included.	--
99-15485	BD	A 05-20-11	Liquefied Petroleum Gas (LPG) System	Section 99-15485. Use if a liquefied petroleum gas (lpg) system is included.	--

File name	Owner code	Category & date	Heading	Instructions for section	Design guidance
99-15500	BD	A 05-20-11	Heating, Ventilating and Air Conditioning Equipment and Systems	Section 99-15500. Use if heating, ventilating and air conditioning equipment and systems are included.	--
99-15510	BD	A 05-20-11	Hydronic Heating System	Section 99-15510. Use if a hydronic heating system is included.	--
99-15555	BD	A 05-20-11	Boiler	Section 99-15555. Use if a boiler is included.	--
99-15950	BD	A 05-20-11	Cathodic Protection	Section 99-15950. Use if cathodic protection is included.	--
99-16010	BD	A 05-20-11	Electrical Work	Section 99-16010. Use if electrical work is included.	--
99-16050	BD	A 05-20-11	Basic Materials and Methods	Section 99-16050. Use if electrical work is included.	--
99-16420	BD	A 05-20-11	Service and Distribution	Section 99-16420. Use if service and distribution is included.	--
99-16432	BD	A 05-20-11	Electrical Equipment	Section 99-16432. Use if electrical equipment is included.	--
99-16500	BD	A 05-20-11	Lighting	Section 99-16500. Use if lighting is included.	--
99-16560	BD	A 05-20-11	Undertruck Lighting System	Section 99-16560. Use if an undertruck lighting system is included.	--
99-16620	BD	A 05-20-11	Standby Generator	Section 99-16620. Use if a standby generator is included.	--
99-16643	BD	A 05-20-11	Corrosion Control	Section 99-16643. Use if corrosion control is included.	--
99-16722	BD	A 05-20-11	Fire Alarm and Detection System	Section 99-16722. Use if a fire alarm and detection system is included.	--
99-16724	BD	A 05-20-11	Intrusion Alarm System	Section 99-16724. Use if an intrusion alarm system is included.	--
99-16810	BD	A 05-20-11	Weigh Station Message Sign	Section 99-16810. Use if a weigh station message sign is included.	--
99-16911	BD	A 05-20-11	Well Pump Control Stations	Section 99-16911. Use if well pump control stations are included.	--
99-16912	BD	A 05-20-11	Sewage Lift Station	Section 99-16912. Use if a sewage lift station is included.	--
99-16913	BD	A 05-20-11	Aerator Pump Control Station	Section 99-16913. Use if an aerator pump control station is included.	--
99-16914	BD	A 05-20-11	Rain Sensor Control Panel	Section 99-16914. Use if a rain sensor control panel is included.	--

