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To: DOT HQ DOE Staff; DOT HQ DES OE Staff

Cc: DOT HQ DES OE Mgrs; Broadbent, Jack D@DOT; Balzer, Gregory A@DOT; Vacura, Peter J@DOT; Farnbach, William K@DOT; Hiatt, Randy D@DOT; Gabriel, Theresa A@DOT

Subject: Implementation Plan based on RSS dated 7/19/13

PLEASE READ – IMPORTANT NOTIFICATION OF CHANGES

You may have already heard that on **July 19**, OCCS will post revised plans, specs, and update the bid item list for various sections of the construction contract standards. The changes may impact your projects using 2010 standards. **No action is required for projects using 2006 standards.**

In particular, if you have landscape, seal coats, concrete pavement, metal beam guard rail, and electrical work you must incorporate changes to that work. These are the Department's standards and the changes must be incorporated into your project. Mandatory implementation is required for projects that are due to typing beginning 7/22/13. **If you obtain an exception to this guidance, DES-OE will not be able to help you with your customized implementation.** An addendum will not be required for projects that are currently advertising. A CCO is not required for projects out in construction.

An RSS will be posted that includes complete section replacements of 20, 37-2 and 40 & 41 and their associated sections. Section 83's RSS is for the name change from metal beam guard rail (MBGR) to Midwest guardrail systems. Bid items and RSPs will also be posted. The change of post height, block size, and splicing requirements have been incorporated into the RSPs. Section 86's RSS incorporates the NSSPs from Theresa Gabriel's e-mail dated 8/20/12.

My staff, and the other offices in DES-OE will assist you in the implementation. Awards will need to unlock BEEs and make bid item changes. Your plans may also need to be revised to reflect the new bid items. RSPs will need to be included into projects. Coordination between AADD coordinators, OCCS, Awards, PPU, PS&E, and DOEs is imperative.

Go to the DES-OE, OCCS Intranet web site for additional guidance. The technical owner will also have information on their web sites.

The district staff will be responsible to incorporate the changes without any assistance from DES-OE after 9/30/13.

The following information is posted on the Landscape web site: <http://www.dot.ca.gov/hq/LandArch/plv/index.htm>

1. Draft RSS section 20 for use in project development
2. Draft SSPs for use in project development
3. Draft standard plans: H1, H2, H4, H5, H6, H7, H8, H9, H9A. There is one new sheet and 8 revised sheets. Some details are revised or renamed, or may appear on a different sheet from the 2010 Standard Plans. Three new details are included in the plans: thrust block, tree well sprinkler assembly, and rock blanket.

H1 LANDSCAPE AND EROSION CONTROL ABBREVIATIONS

H2 LANDSCAPE AND EROSION CONTROL SYMBOLS

H4 LANDSCAPE DETAILS

H5 LANDSCAPE DETAILS

H6 LANDSCAPE DETAILS
H7 LANDSCAPE DETAILS
H8 LANDSCAPE DETAILS
H9 LANDSCAPE DETAILS
H9A LANDSCAPE DETAILS

H10 "Irrigation Controller Enclosure Cabinet" remains unchanged, as does H3.

4. A document showing the RSS of section 20 (in black text) and the associated SSPs (in blue text) incorporated into the body of section 20. This document illustrates where the SSPs would appear if they are used for a project. The SSP instructions are highlighted in grey. Additional explanation/clarification directed to the designer is shown in green.

5. A spreadsheet with a bid item list showing all the applicable "20" bid item codes and another list showing items that are deleted and must not be used.

For section 37-2 changes:

The RSS will include a new reorganization for section 37-2.

A document showing the RSS for section 37-2 (in black text) and the associated SSPs (in purple text) incorporated into the body of the section 37-2 is available. Individual draft SSPs will be available on 7/2/13 for your convenience.

A bid item list showing all the section 37-2 is also available. This bid item list shows the new bid items to be used with the reorganized section 37-2. Items that are not to be used will be shown in ~~struckthrough text~~.

The following information is posted on the Pavement web site:

http://www.dot.ca.gov/hq/maint/Pavement/Offices/Pavement_Engineering/Rigid_Pavement.html

RSS will include replacement of entire sections 40 and 41 and associated updates to several other sections. A summary of updates to specifications, bid items, and plan sheets are listed below.

RSSs:

15-2.02
15-3
15-6.01 (cross-reference update)
19-2
28 (new section 28-15 and cross-reference update)
29-1 (cross-reference update)
36 (new section for base bond breaker)
40
41
42 (updates to be consistent with profiler requirements in 40)
70-5 (minor, cross-reference update)
88

SSPs:

no SSP updates for 15 and 19
28-3 (cross-reference update)
28-5 (cross-reference update)
28-15 (new spec for replace base)
36-2 (new spec for base bond breaker)
40-1
40-5 (new spec JPCP—RSC)
41-4
41-4.02J (canceled)
41-8
41-9 (canceled)
42-3.03A (update to be consistent with profiler requirements in 40)
42-3.03C (canceled)

Bid Items:

The new bid items to be used shown in blue, the deleted items are shown in red, and the existing bid items are shown in black:

150847		REMOVE CONCRETE PAVEMENT AND BASE	CY
280200		REPLACE BASE	CY
360200		BASE BOND BREAKER	SQYD
400050		CONTINUOUSLY REINFORCED CONCRETE PAVEMENT	CY
400061		CONTINUOUSLY REINFORCED CONCRETE PAVEMENT (TERMINAL JOINT, TYPE A)	LF
400062		CONTINUOUSLY REINFORCED CONCRETE PAVEMENT (TERMINAL JOINT, TYPE B)	LF
400063		CONTINUOUSLY REINFORCED CONCRETE PAVEMENT (TERMINAL JOINT, TYPE C)	LF
400064		CONTINUOUSLY REINFORCED CONCRETE PAVEMENT (TERMINAL JOINT, TYPE D)	LF
400065		CONTINUOUSLY REINFORCED CONCRETE PAVEMENT (TERMINAL JOINT, TYPE E)	LF
400070		CONTINUOUSLY REINFORCED CONCRETE PAVEMENT (TERMINAL ANCHORAGE)	LF
400075		CONTINUOUSLY REINFORCED CONCRETE PAVEMENT (PAVEMENT ANCHORAGE)	LF
400080		CONTINUOUSLY REINFORCED CONCRETE PAVEMENT (WIDE FLANGE BEAM TERMINAL)	LF
400090		CONTINUOUSLY REINFORCED CONCRETE PAVEMENT (EXPANSION JOINT TYPE AN)	LF
400092		CONTINUOUSLY REINFORCED CONCRETE PAVEMENT (EXPANSION JOINT TYPE WF)	LF
401050		JOINED PLAIN CONCRETE PAVEMENT	CY
401055		JOINED PLAIN CONCRETE PAVEMENT (RSC)	CY
401081		SHOULDER RUMBLE STRIP (CONCRETE PAVEMENT, ROLLED- IN)	STA
401083		SHOULDER RUMBLE STRIP (CONCRETE PAVEMENT, GROUND- IN)	STA
404092		SEAL PAVEMENT JOINT	LF
404093		SEAL ISOLATION JOINT	LF
405034		CONCRETE PAVEMENT TRANSITION PANEL	CY
410090	P	DOWEL BAR RETROFIT	EA
410091	P	DOWEL BAR RETROFIT (JOINT)	EA
410092	P	DOWEL BAR RETROFIT (CRACK)	EA
410095	P	DOWEL BAR (DRILL AND BOND)	EA
410096	P	DRILL AND BOND (DOWEL BAR)	EA
410097	P	DRILL AND BOND (TIE BAR)	EA
410101		DRILL HOLE (SUBSEALING)	EA
410103		DRILL HOLE (JACKING)	EA
410105		GROUT (SUBSEALING)	TON
410107		GROUT (JACKING)	TON
410108		SUBSEALING	TON
410109		JACKING	TON

410120	SPALL REPAIR REPAIR SPALLS (POLYESTER CONCRETE)	SQYD
410121	SPALL REPAIR REPAIR SPALLS (FAST-SETTING CONCRETE)	SQYD
411105	INDIVIDUAL SLAB REPLACEMENT (RSC)	CY
413112	REPAIR SPALLED JOINTS, FAST SETTING GROUT	SQYD
413113	REPAIR SPALLED JOINTS, POLYESTER GROUT	SQYD
413117	SEAL CONCRETE PAVEMENT JOINT (SILICONE)	LF
413118	SEAL PAVEMENT JOINT (ASPHALT RUBBER)	LF
414119	REPLACE CONCRETE PAVEMENT JOINT (SILICONE)	LF
414120	REPLACE CONCRETE PAVEMENT JOINT (ASPHALT RUBBER)	LF
410121	SPALL REPAIR REPAIR SPALLS (FAST-SETTING CONCRETE)	SQYD
411105	INDIVIDUAL SLAB REPLACEMENT (RSC)	CY
413112	REPAIR SPALLED JOINTS, FAST SETTING GROUT	SQYD
413113	REPAIR SPALLED JOINTS, POLYESTER GROUT	SQYD
413117	SEAL CONCRETE PAVEMENT JOINT (SILICONE)	LF
413118	SEAL PAVEMENT JOINT (ASPHALT RUBBER)	LF
414119	REPLACE CONCRETE PAVEMENT JOINT (SILICONE)	LF
414120	REPLACE CONCRETE PAVEMENT JOINT (ASPHALT RUBBER)	LF
414200	SEAL JOINT (ASPHALT RUBBER)	LF
414201	SEAL JOINT (SILICONE)	LF
414202	SEAL JOINT (PREFORMED COMPRESSION)	LF
414220	REPLACE JOINT SEAL (ASPHALT RUBBER)	LF
414221	REPLACE JOINT SEAL (SILICONE)	LF
414222	REPLACE JOINT SEAL (PREFORMED COMPRESSION, 7/16" TO 13/16")	LF
414223	REPLACE JOINT SEAL (PREFORMED COMPRESSION, 1" TO 1-1/4")	LF
414224	REPLACE JOINT SEAL (PREFORMED COMPRESSION, 1-5/8" TO 2")	LF
414240	SEAL ISOLATION JOINT (ASPHALT RUBBER)	LF
414241	SEAL ISOLATION JOINT (SILICONE)	LF
414242	SEAL ISOLATION JOINT (PREFORMED COMPRESSION)	LF
415101	CRACK EXISTING CONCRETE PAVEMENT	SQYD
413000	CRACK AND SEAT	SQYD
413001	CRACK TREATMENT	SQYD
416101	PAVEMENT TRANSITION TAPER	SQYD

Standard Plans:

- RSP P1 Jointed Plain Concrete Pavement New Construction
RSP P2 Jointed Plain Concrete Pavement (Widened Lane) New Construction

RSP P3A	Jointed Plain Concrete Pavement Lane & Shoulder Addition or Replacement
RSP P3B	Jointed Plain Concrete Pavement (Widened Lane) Lane and Shoulder Addition or Replacement
RSP P4	Continuously Reinforced Concrete Pavement
RSP P5A	Continuously Reinforced Concrete Pavement (Widened Lane)
RSP P5B	Continuously Reinforced Concrete Pavement (Widened Lane) Lane and Shoulder Addition or Replacement
RSP P6	Spall Repair
RSP P7	Dowel Bar Retrofit
RSP P8	Individual Slab Replacement with Rapid Strength Concrete
RSP P10	Concrete Pavement Dowel Bar Details
RSP P12	Concrete Pavement Dowel Bar Basket Details
RSP P14	Continuously Reinforced Concrete Pavement Transverse Construction Joint
RSP P15	Concrete Pavement - Tie Bar Details
RSP P16	Continuously Reinforced Concrete Pavement Tie Bars and Joint Details
RSP P17	Concrete Pavement Tie Bar Basket Details
RSP P18	Concrete Pavement Lane Schematics and Isolation Joint Detail
RSP P20	Joint Sealing
RSP P30	Concrete Pavement - End Panel Pavement Transitions
RSP P31A	Continuously Reinforced Concrete Pavement Terminal Joint Details
RSP P32B	Continuously Reinforced Concrete Pavement Wide Flange Beam Terminals

For the change from metal beam guard rail to Midwest guardrail system:

Guidance for Safety Devices is posted at: <http://onramp.dot.ca.gov/hq/traffops/otrsaf/Devices/.htm>

SSPs:

15-2.03B, 15-2.04D, 15-2.10D, 83-1.02B(1)

Cancelled SPs:

A77A-A77K, P3

RSPs (50 sheets in all):

A10B, A76C, A76I, A77L1, A77M1, A77N1-A77N10, A77P1-A77P6, A77Q1-A77Q5, A77R1-A77R8, A77S1-A77S3, A77T1-A77T2, A77U1-A77U5, A77V1-A77V2, A78C2, A78D1, and A78H.

Bid Items:

The new bid items to be used shown in blue, the deleted items are shown in red:

150661	REMOVE GUARDRAIL	150662	REMOVE METAL BEAM GUARD RAILING
151295	SALVAGE GUARDRAIL (STEEL POST)	151271	SALVAGE METAL BEAM GUARD RAILING (STEEL POST)
151296	SALVAGE GUARDRAIL	151272	SALVAGE METAL BEAM GUARD RAILING
151573	RECONSTRUCT GUARDRAIL	151572	RECONSTRUCT METAL BEAM GUARD RAILING
151626	RECONSTRUCT GUARDRAIL (7' POST)	151623	RECONSTRUCT METAL BEAM GUARD RAILING (7' POST)
151627	RECONSTRUCT GUARDRAIL (WOOD POST)	151625	RECONSTRUCT METAL BEAM GUARD RAILING (WOOD POST)
152395	RELOCATE GUARDRAIL	152397	RELOCATE METAL BEAM GUARD RAILING
152501	ADJUST GUARDRAIL	152500	ADJUST METAL BEAM GUARD RAILING
152633	MODIFY GUARDRAIL	152632	MODIFY METAL BEAM GUARD RAILING
832005	MIDWEST GUARDRAIL SYSTEM	832001	METAL BEAM GUARD RAILING

832006	MIDWEST GUARDRAIL SYSTEM (STEEL POST)	832002	METAL BEAM GUARD RAILING (STEEL POST)
832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	832003	METAL BEAM GUARD RAILING (WOOD POST)
832011	MIDWEST GUARDRAIL SYSTEM (SPECIAL)	832004	METAL BEAM GUARD RAILING (SPECIAL)
832015	MIDWEST GUARDRAIL SYSTEM (7' WOOD POST)	832012	METAL BEAM GUARD RAILING (7' WOOD POST)
832016	MIDWEST GUARDRAIL SYSTEM (7' POST)	832013	METAL BEAM GUARD RAILING (7' POST)
832017	MIDWEST GUARDRAIL SYSTEM (8' POST)	832014	METAL BEAM GUARD RAILING (8' POST)
832024	TEMPORARY MIDWEST GUARDRAIL SYSTEM	832026	TEMPORARY METAL BEAM GUARD RAILING
One-time item code	MIDWEST GUARDRAIL SYSTEM (2.1 M WOOD POST) ((METRIC))	832061	METAL BEAM GUARD RAILING (2.1 M WOOD POST)
839221	DOUBLE MIDWEST GUARDRAIL SYSTEM (WOOD POST)	839220	DOUBLE METAL BEAM GUARD RAILING (WOOD POST)
839543	TRANSITION RAILING (TYPE WB-31)	839541	TRANSITION RAILING (TYPE WB)

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