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MEMORANDUM

TO: ALL CONSULTANTS  
ALL BRIDGE DESIGNERS

FROM: ZHENGZHENG "JENNY" FU, P.E. *ZBF*  
BRIDGE DESIGN ENGINEER ADMINISTRATOR

SUBJECT: BRIDGE DESIGN TECHNICAL MEMORANDUM NO. 87 (BDTM.87)  
BRIDGE DESIGN AND EVALUATION MANUAL (BDEM) REVISION NO. 9

DATE: August 14, 2019

This BDTM details the publication of BDEM Revision No. 9 (dated 8/8/2019). Major changes in this revision include:

- Incorporation of the conversion of all Bridge "Special Details" into "Standard Plans" by the deletion of all references to "Special Details" throughout
- Revision to the index numbering system used to organize the Bridge Standards (see Part I Chapter 9-4)
- Revision to the typical organization of project plan sets, to illustrate that many of the "new" Standard Plans will now be placed throughout the plan set in logical order, rather than simply grouped at the end of the plan set (see Part III Chapter 1-55)
- Miscellaneous other minor corrections

BDEM Rev. 9 includes revisions or additions in the following portions:

- Index
- Part I Chapter 1 – Bridge Design Technical Memorandum
- Part I Chapter 3 – Policy for QC/QA
- Part I Chapter 9 – Standard Plans
- Part II Vol. 1 Chapter 2 – General Design and Location Features
- Part II Vol. 1 Chapter 5 – Concrete Structures
- Part II Vol. 1 Chapter 9 – Deck and Deck Systems
- Part II Vol. 2 Chapter 2 – Structural Design
- Part II Vol. 3 Chapter 1 – Introduction
- Part II Vol. 4 Chapter 1 – Introduction
- Part II Vol. 4 Chapter 2 – Roadside and Median Barrier Design and Details
- Part II Vol. 4 Chapter 3 – End Treatments
- Part III Chapter 1 – LG Girders

The table below lists all pages that have been revised or added. The BDEM posted on the Bridge Design Section Website has been updated to include these changes. All revisions and additions in Rev. 9 are shown in red for easy reference.

<b>Page No.</b>	<b>Revision or Addition Description</b>
Index-i	Removed "AND SPECIAL DETAILS"
Revision History-i	Added Revision No. 9
I.Ch1-1	Removed "and Special Details"
I.Ch3-i	Removed "AND SPECIAL DETAILS"
I.Ch3-7	Removed "AND SPECIAL DETAILS", "and special details", capitalized "Special Details", and added reference to EDSM I.1.1.2
I.Ch3-8	Removed "and special details", and revised "barrier" to "barrier railings"
I.Ch3-9	Removed "and special details" (11 places)
I.Ch3-14	Removed "and Special Details"
I.Ch3-19	Corrected misspelling of "identified" (4 places)
I.Ch3-24	Removed "and Special Details"
I.Ch9-i	Removed "AND SPECIAL DETAILS" (2 places)
I.Ch9-1	Removed "AND SPECIAL DETAILS", "and Bridge Special Details", and definition for "Bridge Special Details". Revised "Bridge Standard Plans" to "Standard Plans" and added reference to EDSM I.1.1.2
I.Ch9-2	Removed "AND SPECIAL DETAILS" and "- Special Details"
I.Ch9-3	Removed "AND SPECIAL DETAILS" and "and Special Details" (2 places)
I.Ch9-4	Removed "AND SPECIAL DETAILS" and revised the Bridge Standards Index Table and the Example to reflect the new index system.
II.V1-Ch2-1	Removed definition for BDSD and Standard Plans
II.V1-Ch2-5	Revised "BDSD" to "the Standard Plans"
II.V1-Ch2-9	Removed "BDSD" and added "Standard Plans"
II.V1-Ch2-10	Removed "BDSD" and added "Standard Plans"
II.V1-Ch5-9	Revised "Special Details" to "Standard Plans"
II.V1-Ch5-15	Revised "Special Details" to "Standard Plans"
II.V1-Ch5-16	Revised "special details" to "Standard Plans" (2 places)
II.V1-Ch5-17	Revised "special details" to "Standard Plans"
II.V1-Ch9-3	Revised "Special Details" to "Standard Plans"
II.V1-Ch14-2	Revised "Special Details" to "Standard Plans" (7 places)
II.V2-Ch2-i, 1 to 10	Added "MOVABLE" to header (MOVABLE BRIDGE...)
II.V2-Ch2-8	Revised "Special Details" to "Standard Plans"
II.V3-Ch1-1	Revised "special details" to "Standard Plans" (3 places)
II.V3-Ch1-2	Revised "special details" to "Standard Plans" (2 places)
II.V3-Ch1-3	Revised "special details" to "Standard Plans" (4 places)

II.V4-Ch1-i	Removed "SPECIAL DETAILS"
II.V4-Ch1-1	Removed "Special Details"
<b>Page No.</b>	<b>Revision or Addition Description</b>
II.V4-Ch1-2	Removed "Special Details" (7 places), capitalized "Standard Plans" (6 places), removed Standard Index Numbers from list of Standard Plans
II.V4-Ch1-3	Removed "Special Details", Removed Standard Index Numbers, Revised "Guardrail Special Details" to "Guardrail Special Rehabilitation Details", added "Single Slope Barrier" to Bridge Barrier Details
II.V4-Ch2-1	Removed "special details" (2 places), capitalized "standard plans" (4 places)
II.V4-Ch2-7	Capitalized "standard plans" and removed "DOTD guardrail special details"
II.V4-Ch2-8	Capitalized "plans"
II.V4-Ch2-9	Revised "Special Details" to "Standard Plans"
II.V4-Ch3-1	Capitalized "standard plans" (2 places)
III.Ch1-ii	Revised "SPECIAL DETAILS" to "STANDARD PLANS" and "Special Details" to "Standard Plans" (2 places)
III.Ch1-2	Revised "special details" to "Standard Plans"
III.Ch1-9 to 22	Revised "SPECIAL DETAILS" to "STANDARD PLANS"
III.Ch1-23	Revised "special details" to "Standard Plans" (2 places)
III.Ch1-25	Revised "information" to "deformation"
III.Ch1-33	Revised "special details" to "Standard Plans"
III.Ch1-38	Revised "Special Details" to "Standard Plans"
III.Ch1-39	Revised "SPECIAL DETAILS" to "STANDARD PLANS", "Special Details" to "Standard Plans", and "special details" to "Standard Plans". Revised example Standards Index Numbers in Table 1.3.1-1: LG Girder Standard Plans
III.Ch1-40	Revised "special details" to "Standard Plans"
III.Ch1-55 and 56	Revised order of Typical Organization of LG Girder Project Plan Set

Refer to Preface in the BDEM for implementation policy on BDEM revisions. Refer to BDTM.84 for more information regarding the conversion of Special Details to Standard Plans.

Please contact Kelly Kemp (225-379-1809, [kelly.kemp@la.gov](mailto:kelly.kemp@la.gov)) if you have questions or comments.

ZZF/KK/abl

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