

Design Standards Letter

Letter Number: D-2001-03

Letter Date: 03/30/2001

Effective Date: 04/02/2001

Section/Plan No.: Sections 2-05, 4-02, 4-03, 4-09, 7-01, 8-01, 8-02, 8-04, 9-08, 9-10, Figures 1-02.1, 2-05.2, 2-05.3, 3-01.3, 4-03.5, 4-03.7, 4-04.1, 4-04.7, 4-07.1, 4-07.2, 5-03.8 through 5-03.17, 6-07.2, 7-01.1, 7-03.10, 8-02.9, 8-04.2, 9-08.1, 9-08.2

Subject: Project Development Manual Revisions

Body

 Questions concerning the Project Development Manual revisions should be directed to General Headquarters, Design Standards Section, Ken Shamet (573-526-4331).

| NOTE | EXPLANATION |
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| 1 | The following revisions are effective April 2, 2001. |
| ITEM | DESCRIPTION OF REVISION |
| Volume I Table of Contents | Revision dates changed for Sections 2-05, 4-02, 4-03 and 4-09. |
| Fig 1-02.1 | Updated cost-per-mile data for 8-inch thick outer road, paved surface. |
| 2-05 & Fig. 2-05.2 | 2-05.3 & 2-05.4: Changed value at which a value engineering (VE) study should be considered from \$2 million to \$10 million. Changed value at which VE study must be performed from \$10 million to \$25 million. |
| Fig. 2-05.3 | Changed project costs in value engineering ranking. |
| Fig. 3-01.3 | Revision date corrected on sheet 2 of 2. |
| Chapter IV Table of Contents | Changed title on section 4-03.16 from Working Days Studies to Contract Time and added new subsections. |

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| 4-02 | 4-02.13: Added reference for specific details in regard to obtaining authority to acquire right of way. 4-02.14: Replaced "finally cleared" with "approval by Resident Engineer" in second to last sentence. |
| 4-03 | Major revisions made, please read carefully. |
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| Fig. 4-03.5 | Added "Show Me Progress" Sign Assembly. |
| Fig. 4-03.7 | New figure added entitled "Example of Pre-bid Meeting Agenda" |
| Fig 4-04.1 | Added guidance for the usage of spiral curve transitions in note 18; and updated Standard Plans reference in note 16. |
| Fig. 4-04.7 | Updated warrant for Median Barriers to reflect the current Roadside Design Guide. |
| Fig 4-07.1 | Changed minimum sidewalk width from 4 ft to 5 ft in order to match Std. Plan 608.10. Also, added requirements for using widths less than 5 ft. |
| Fig 4-07.2 | Changed minimum sidewalk width from 4 ft to 5 ft in order to match Std. Plan 608.10. |
| 4-09 | 4-09.26 (2) (a): Changed minimum sidewalk width from 4 ft to 5 ft in order to match Std. Plan 608.10. Also, added requirements for requesting widths less than 5 ft. |
| Volume II Table of Contents | Revision dates changed for sections 7-01, 8-01, 8-02, 8-04, 9-08 and 9-10. |
| Fig. 5-03.8 Thru Fig. 5-03.17 | Deleted figures due to redundancy or obsolescence. Please remove from your PDM. |
| Fig 6-07.2 | Rewritten for clarity. |
| 7-01 | 7-01.3: Added that the utility clearance letter must be received by GHQ Design 10 weeks before bid opening. |
| Fig. 7-01.1 | Revised to remove specific names and dates. |
| Fig 7-03.10 | Renamed 7-03.11 to 703.10 in order to keep numbering continuity. |
| 8-01 | 8-01.4 (1) (a): Deleted sentence requiring warrant form D-21 submittal to FHWA on federal oversight projects. |
| 8-02 | 8-02.17 (4): Added statement requiring the use of new conduit for signal modifications. 8-02.17 (8) (b): Added that a maximum of two signal heads will be allowed per 7-conductor jumper. |
| Fig. 8-02.9 | Revised to match current D-37 sheet. |
| 8-04 | 8-04.2 (5): Added statement giving D.E.'s discretion when using "GIVE 'EM A BRAKE" signs. 8-04.2 (6): Added subsection for "SHOW ME PROGRESS" sign. |
| Fig. 8-04.2 | In note 1, updated at which speed reduction to begin using sign R2-5a. |
| Chapter IX Table of Contents | Changed title of Section 9-08.3 from Inlet Hydrograph Routing Method to Time of Concentration Discharge and deleted subsections. Removed 9-10.3 (3). Replaced Bedding with Installation Type in the titles of 9-10.9 (3) & (4). |

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| 9-08 | Major revisions to entire section. Please read carefully. |
| Fig. 9-08.1 Fig. 9-08.2 | Figures deleted, please remove from your PDM. |
| 9-10 | 9-10.3 (3): Deleted this section due to previously deleted Standard Plan 703.30. 9-10.9: Revised this section to reflect Standard Plan 726.30. Please read carefully and note the new procedure for selecting and specifying reinforced concrete pipe. |