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# Designer Information for Standard Road Plans

**Design Manual  
Section 1  
General Information**Originally Issued: 02-12-08  
Revised: 11-16-16

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This section provides guidance for applying specific Standard Road Plans to a project. This information is not a part of the construction contract and is not readily available to contractors. If any of this information needs to be conveyed to contractors, the designer should include it in the plan or request a revision to the Standard Road Plan.

## Standard Section

<a href="#">BA-200s</a>	<a href="#">EC-202</a>	<a href="#">MI-103</a>	<a href="#">PV-204</a>
<a href="#">BA-300s</a>	<a href="#">EC-204</a>	<a href="#">MI-104</a>	<a href="#">PV-418</a>
<a href="#">BA-500</a>	<a href="#">EC-301</a>	<a href="#">MI-210</a>	<a href="#">PV-428</a>
<a href="#">BRs</a>	<a href="#">EW-211</a>	<a href="#">PMs</a>	<a href="#">SI-175</a>
<a href="#">DR-101</a>	<a href="#">EW-302</a>	<a href="#">PR-201</a>	<a href="#">SW-538</a>
<a href="#">DR-111</a>	<a href="#">EW-401</a>	<a href="#">PV-11</a>	<a href="#">SW-602</a>
<a href="#">DR-304</a>	<a href="#">EW-402</a>	<a href="#">PV-12</a>	<a href="#">TC-218</a>
<a href="#">DR-401</a>	<a href="#">EW-403</a>	<a href="#">PV-13</a>	<a href="#">TC-451</a>
<a href="#">DR-402</a>	<a href="#">EW-501</a>	<a href="#">PV-20</a>	<a href="#">TC-454</a>
<a href="#">DR-622</a>	<a href="#">EW-502</a>	<a href="#">PV-105</a>	
<a href="#">EC-201</a>	<a href="#">LS-600s</a>	<a href="#">PV-106</a>	

# Chronology of Changes to Design Manual Section:

## 001E-006 Designer Information for Standard Road Plans

- 11/16/2016 Revised  
Revised BRs to include information for BR-241.  
Revised EW-402 to include information for bidding silt fence to contain material from pipe or hose excavation.  
Revised PV-12 to include information for situations where rumble strips cannot be placed 6" from painted edge line.
- 9/14/2016 Revised  
BA-200: Deleted information now contained in Section 8C-2. Added information regarding TL-2 standards.  
BA-300: Deleted information now contained in 8B-3.  
BA-500: Deleted information contained in Section 8C-5.  
BRs: Noted 12 inch approach should be used for new construction, 10 inch should be used only if replacing existing 10 inch approach, and BR-100s should be limited to Secondary roads or replace-in-kind for low volume Primary roads.  
DR-101: Replace link to 5A5 with link to 5B-2.  
DR-111: Replace link to 5A-5 with link to 5B-2.  
DR-304: New. Advice to contact Soils Design Engineer when filling in Tab 104-5C.  
EC-201: Added information pertaining to calculating length of end span.  
EC-204: New. Information pertaining to bidding Perimeter and Slope Sediment Control Devices.  
EC-301: Added information regarding splash basins for pipe culverts.  
EW-502: Added information regarding use of safety ramps.  
LS-600: New. Information regarding LS series standards.  
MI-104: New. Information regarding when to use Type A or Type B crossing.
- 1/7/2016 Revised  
Remove requirement in BA-200 that local agencies are required to use the BAs. Added designer info for EC-201 and EW-403.
- 7/2/2015 Revised  
Revised BA-200 to refer to Section 8C-2 for design information. Added new section for EW-302. Added information to EW-401 regarding use as a runaround. Revised EW-402 to add information regarding multiple culverts and low clearance culverts and added information that a temporary stream diversions should be used even if the stream is not perennial. Added new section for MI-103. Added new section for TC-218.
- 1/22/2015 Revised  
Revised references to renumbered standards (RFs renumbered to DRs and RKs renumbered to BRs). Removed Chris Poole's name from BA-200's. Added information for DR-622, EC-301, PV-106, PV-204, and SW-538. Added information to PMs section concerning markings at turn lanes.
- 5/15/2014 Revised  
Added information for PR-201, PV-418, PV-428, RF-39, RF-40, TC-451 and TC-454. Removed information for RR-25, which has become Detail 560-4.  
Updated information for PV-20 to reflect the switch to painted islands instead of raised islands. Updated information for PV-105 due to changes in Tab 106-5.  
Updated information for RF-30A to move some of the language to Section 5A-5.
- 1/15/2014 Revised  
Added guidance to EW-401 to also include and bid erosion control measures when EW-401 is required.  
Changed RK-10's section to RK's and added information about pavement removal.  
Added guidance for PV-105.  
Added guidance to EW-501 to inform designers for granular surfaced entrances the PGL is at the top of subgrade and W is the width of the surface including shoulders, if any.  
Eliminated links in PV-20 to Project Design Criteria Worksheet and Acceptable and Preferred Values tables. Those have been eliminated and new tables developed.  
Added guidance for newly created RF-30D.  
Changed link to 2009 MUTCD inside of SI-175.
- 8/16/2013 Revised  
Revise references in EW-401. Add note advising EW-401 not be modified without contacting OLE. Revise references in PV-20 resulting from changes in tables in 1C-1.
- 7/18/2013 Revised  
Revised RL-13 to EW-211, RL-16 to EW-401, and RL-20 to EW-402. Added information for EW-501 (Rural Entrances), MI-210 (PCC Driveways and Alleys), and RR-25 (HMA Wedge for Superelevation).

12/19/2012	Revised Revised RF-30A information and added PV-20. Revised BA-200s to eliminate reference to FHWA memo.
9/13/2012	Revised Added information for RL-13 and RL-20. Added information to BA-200's regarding VF and VT2 lengths on BA-250. Added information indicating designers are to use double reinforced bridge approach paving for Primary Road System Bridges.
2/10/2012	Revised EC-202 Floating Silt Curtain - changed the reference to Section 10C-1.
11/30/2011	Revised Updated link for BA-500 from 8B-9 to 8C-5.
7/29/2011	Revised Added entries for EC-202 and the PM series. Removed entry for SW-203. Updated entries for PV-12, PV-13, RF-30A, and SI-175.
8/31/2010	Revised Updated PV-11 description for milled rumble strips when placed outside the PCC roadway pavement.
7/15/2010	Revised Made modifications to PV-13 and PV-12.
5/28/2010	Revised Added PV-13 information.
4/15/2010	Revised Update BA-200, BA-300