

## 2006 M-Standard (Miscellaneous Standard) Plans and Project Special Details - July 4, 2006

### M-Standard

### Significant Changes

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Application of Standard Plans, 1 sheet	Added Design Support web page address.
M-100-1, Standard Symbols, 3 sheets	MicroStation symbols and patterns for several disciplines.
M-203-1, Approach Roads, 1 sheet	Approach road slope conforms to Access Code.
M-203-2, Ditch Types, 1 sheet	Added riprap section for erosion protection.
M-203-11, Superelevation Divided Highways Shoulder Pivot, 3 sheets	Tables conform to 2004 AASHTO 'Green Book'. Merged M-203-10 and M-203-13 with M-203-11.
M-203-12, Superelevation Streets, 2 sheets	Tables conform to 2004 AASHTO 'Green Book'.
M-208-1, Temporary Erosion Control, 7 sheets	Added Concrete Washout detail. Updated feature details
M-210-1, Mailbox Support, 2 sheets	References for equivalent alternates on Approved Products List, plastic mailboxes, replacement of addresses, and newspaper receptacle mounting.
M-603-1, Metal and Plastic Culvert Pipe, 2 sheets	Revised references for minimum cover, cover limit, and adequate cover during construction.
M-603-2, Reinforced Concrete Pipe, 1 sheet	Revised references for minimum cover, cover limit, and adequate cover during construction.
M-603-3, Precast Concrete Box Culvert, 1 sheet	Added requirement for working drawing submittal.
M-604-10, Inlet Type C, 1 sheet	Specified allowable pipe inside diameter shall be 30 in. or less as limited by this Standard's inlet dimensions.
M-604-12, Curb Inlet Type - R, 2 sheets	Added reference allowing cast-in-place or precast.

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M-604-13, Concrete Inlet Type - 13, 1 sheet	Specified allowable pipe inside diameter range as limited by this Standard's inlet dimensions.
M-606-1, Guardrail Type 3 W-Beam, 16 sheets	General notes rewritten. Offset notes clarified. Curb required for Types 3G and 3H transitions. New sheet for additional omitted post details.
M-606-12, Guardrail Type 4 Concrete Barrier, DELETED	Type 4 is obsolete and no longer allowable. It has been superseded by Type 7 per requirements of NCHRP Report 350.
M-606-13, Guardrail Type 7 F-Shape, 4 sheets	Added Table of Flare Rates for Permanent Concrete Barrier.
M-606-14, Precast Type 7 Concrete Barrier, 3 sheets	Added note for flare rates for temporary concrete barrier.
M-607-2, Chain Link Fence, 3 sheets	Added notes for grounding requirements, and re-establish survey monuments.
M-607-3, Barrier Fence, 1 sheet	Added notes for line and brace posts, and grounding requirements.
M-607-4, Deer Fence and Gates, 2 sheets	Additional grounding requirements, and re-establish survey monuments note.
M-607-10, Picket Snow Fence, 1 sheet	Added note for line and brace posts
M-607-15, Road Closure Gate, 9 sheets	Refer to S Standards for approach signing details.
M-609-1, Curb, Gutters, and Sidewalks, 3 sheets	Deleted Curb Type 4 (Epoxy) which was unused.
M-613-1, Roadway Lighting, 4 sheets	Added light standard height ranges and control center details, deleted wall packs, moved Screw-in Foundations to Project Special Details.
M-614-2, Sand Barrel Arrays, 2 sheets	Moved from Project Special Details. Added 70mph and 75mph arrays.
M-615-2, Embankment Protector Type 5, 1 sheet	Deleted Geotextile rundown.

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M-616-1, Inverted Siphon, 1 sheet	Deleted metal and plastic pipe options.
M-620-1, Field Laboratory Class 1, 1 sheet	Added previous Standard Special Provision equipment requirements.
M-620-2, Field Laboratory Class 2, 1 sheet	Added previous Standard Special Provision equipment requirements.
<b><u>Project Special Details</u></b>	
D-203-3, Slope Rounding Detail, 1 sheet	Previously D203-1. Updated Application Notes.
D-412-2, Thin Whitetopping Typical Joint Layout, 1 sheet	New Project Special Detail for thin concrete pavement.
D-506-1, Gabions and Slope Mattress, 1 sheet	Previously Standard Plan M-506-1
D-607-11, Wood Snow Fence - 10 Foot High, 2 sheets	Added Application Notes and referenced SHRP Design Guide.
D-607-12, Wood Snow Fence - 12 Foot High, 2 sheets	Added Application Notes and referenced SHRP Design Guide.
D-613-2, High Mast Lighting, 1 sheet	Previously Standard Plan M-613-2.
D-613-3, Under Deck Lighting, 1 sheet	New Project Special Detail which supersedes wall pack lighting.
D-613-4, Screw-In Foundation, 1 sheet	Previously part of Standard Plan M-613-1.
D-606-15, Concrete Glare Screen for Precast Type 7 Concrete Barrier, 1 sheet	New Project Special Detail for use with Precast Type 7 only.