

**2001 Road and Bridge Standards
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MB-10A	501.51	Traffic Barrier Service Concrete Parapet (Single Face) (For Temporary Installation on Bridge Deck Exterior)	7/02			
	501.52	Traffic Barrier Service Concrete Parapet (Single Face) (For Temporary Installation on Bridge Deck Exterior)	7/02			
MB-11A	501.53	Traffic Barrier Service Concrete Parapet (Double Face) (For Temporary Installation on Bridge Deck Exterior)	9/06			
	501.54	Traffic Barrier Service Concrete Parapet (Double Face) (For Temporary Installation on Bridge Deck Exterior)	9/06			
	510.54A	Traffic Barrier Service Concrete Parapet (Double Face) (For Temporary Installation on Roadways)	New 9/06			
MB-12A, B, C	501.55	Concrete Median Barrier (Tall Wall)	7/04			
	501.56	Concrete Median Barrier (Tall Wall)	1/04			
MB-13	501.57	Concrete Median Barrier Type I, II, or III				

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MB-13	501.58	Concrete Median Barrier Type I, II, or III	1/04			
MB-INS	501.59	Precast Concrete Median Barrier Positive Connection Options	7/05			
	501.60	Precast Concrete Median Barrier Positive Connection Options	7/05			
	501.61	Precast Concrete Median Barrier Positive Connection Options	7/05			
	501.62	Butting Traffic Barrier Service to Single Face Parapet Service	7/02			
	501.63	Butting Traffic Barrier Service to Single Face Parapet Service	7/02			
FOA-CZ	501.64	W-Beam Guardrail Installation Criteria Fixed Object Attachment Methods For Construction Zones				
FE	502.01	Standard Fence General Notes				
FE-W1, W2	502.02	Standard Fence Woven Wire Fabric	7/04			
FE-B	502.03	Standard Fence Barbed Wire	7/04			
FE-CL	502.04	Standard Fence Chain Link	7/03	1/04	7/04	
FE-G	502.05	Standard Fence Gates				
FE-4	502.06	Water Gates in Fence Lines				
FE-6	502.07	Standard Method of Fence Grounding	1/04	7/04		
RM-1	503.01	Standard Plan and Method of Setting Right of Way Monuments				
RM-2	503.02	Standard Plan and Method of Setting Right of Way Monuments				

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S-1	601.01	Standard Concrete Steps for 1½ : 1 Slopes	7/02			
	601.02	Standard Concrete Steps for 1½ : 1 Slopes				
S-2	601.03	Standard Concrete Steps for 2: 1 Slopes	7/02			
	601.04	Standard Concrete Steps for 2: 1 Slopes				
HR-1	601.05	Standard Handrail Method of Locating and Erecting	7/04			
LR-1	601.06	Minimum Design for Small Boat Launching Ramps at Public Landings				
SP-1	601.07	Settlement Plate				
SI-1,2,3	602.01	Standard Plan for Sign Islands				
PE-1	602.02	Standard Private Entrances	7/05	9/06		
CR-1	602.03	Standard Maintenance Crossover for use on Freeways				
RFD-1	603.01	Standard Mailbox	7/03	7/04		
RFD-1	603.02	Standard Mailbox	New 7/03	1/04	7/04	
G-3	604.01	Precast Concrete Cattle Guard				
G-3A	604.02	Precast Concrete Cattle Guard				

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NG-1	605.01	Storage Facility for Nuclear Gauge	2/06			
RU-1	606.01	Methods of Undercutting Rock				
SS-1	607.01	Standard Method of Setting and Marking Slope Stakes				
SD-1	608.01	Sight Distances on Horizontal Curves Height of Eye 3.5 Feet; Height of Object 0.5 and 4.25 Feet	2/06			
SD-2	608.02	Sight Distance on Vertical Curves				
	608.03	Sight Distance on Vertical Curves				
SD-3	608.04	Sight Distance on Vertical Curves				
	608.05	Sight Distance on Vertical Curves				
SD-4	608.06	Stopping Sight Distance on Crest Vertical Curves	New 10/02	2/06		
	608.07	Stopping Sight Distance on Crest Vertical Curves	New 10/02	2/06		
SD-5	608.08	Passing Sight Distance on Crest Vertical Curves	New 10/02	2/06		
	608.09	Passing Sight Distance on Crest Vertical Curves	New 10/02	2/06		

Section 700

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CS-1, 1A	701.00	Typical Methods of Grading Side Slopes				
CS-2	701.01	Suggested Drainage Treatment at Beginning of Fills				
CS-2A	701.02	Typical Methods of Grading Side Slopes				
CS-3	701.03	Typical Methods of Grading Side Slopes				
CS-3A	701.04	Typical Methods of Grading Side Slopes				
CS-3B	701.05	Typical Methods of Grading Side Slopes				
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CS-4A	701.07	Typical Methods of Grading Side Slopes				
CS-4B	701.08	Typical Methods of Grading Side Slopes				
CS-4C	701.09	Typical Methods of Grading Side Slopes				
CS-4E	701.10	Typical Methods of Grading Side Slopes				
GS-10	702.00	Minimum Design Criteria for Temporary Detour (Maintenance of Traffic)	3/03	9/06		
GS-11	702.01	Standard Shoulder Design for All Systems Except Local Roads and Streets	7/01	3/03		
GS-12	702.02	Standard Shoulder Designs for Local Roads and Streets	3/03			
GS-13	702.03	Standard Graded Median Designs				

Section 800

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TC-5	801.01	Transition Curves for Rural and Urban Highways and Street Conditions				
	801.02	Explanation of Tables and Instructions for use - Urban Condition				
	801.03	Explanation of Tables and Instructions for use - Rural Condition				
	801.04	Explanation of Tables and Instructions for use - General Condition				
	801.05	Details for Transitioned Baseline Rural Condition With Pavement Widening				
	801.06	Details for Non-Transitioned Baseline Urban Conditions and Rural Condition Without Pavement Widening				
	801.07	Details of Superelevation About Baseline				
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	801.09	Example for Four Lane Roadways				
	801.10	Cross Section - Four Lane Roadway				
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	801.12	Crown Transition/Crown Runoff (CR) Table	7/01			
	801.13	Table 1				
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	801.15	Design Superelevation Rates Urban Conditions				
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	801.17	Methodologies for Calculating TC-5 Values for Urban Low-Speed Streets				
	801.18	Methodologies for Calculating TC-5 Values				
	801.19	Calculated TC-5 Examples				
	801.20	Summary of Standard TC-5ULS (Urban Low Speed) Design Factors				
	801.21	Design Factors for a Design Speed of 20 mph (Urban)				
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	801.23	Design Factors for a Design Speed of 30 mph (Urban)				
	801.24	Design Factors for a Design Speed of 35 mph (Urban)				
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	801.27	Design Factors for a Design Speed of 50 mph (Urban)				
	801.28	Design Factors for a Design Speed of 55 mph (Urban)				
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TC-5	801.30	Design Factors for a Design Speed of 20 mph (Rural)				
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	801.34	Design Factors for a Design Speed of 40 mph (Rural)				
	801.35	Design Factors for a Design Speed of 45 mph (Rural)				
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	801.38	Design Factors for a Design Speed of 60 mph (Rural)				
	801.39	Design Factors for a Design Speed of 65 mph (Rural)				
	801.40	Design Factors for a Design Speed of 70 mph (Rural)				
TC-5.01	802.01	Transition Curves for Rural and Urban Highways and Street Conditions	New 10/02			
	802.02	Explanation of Tables and Instructions for use - Urban Condition	New 10/02			
	802.03	Explanation of Tables and Instructions for use - Rural Condition	New 10/02			
	802.04	Explanation of Tables and Instructions for use - General Condition	New 10/02			
	802.05	Details for Transitioned Baseline Rural Condition With Pavement Widening	New 10/02			
	802.06	Details for Non-Transitioned Baseline Urban Conditions and Rural Condition Without Pavement Widening	New 10/02			
	802.07	Details of Superelevation About Baseline	New 10/02			
	802.08	Details of Superelevation About Baseline	New 10/02			
	802.09	Example for Four Lane Roadways	New 10/02			
	802.10	Cross Section - Four Lane Roadway	New 10/02			
	802.11	Method of Applying TC-5.01 on Compound Curves Rural Condition With Pavement Widening	New 10/02			
	802.12	Method of Applying TC-5.01 on Reverse Curves Rural Condition With Pavement Widening	New 10/02			
	802.13	Method of Applying TC-5.01 on Compound Curves Urban & Rural Condition Without Pavement Widening	New 10/02	3/03		
	802.14	Method of Applying TC-5.01 on Reverse Curves Urban & Rural Condition Without Pavement Widening	New 10/02	3/03		

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TC-5.01	802.15	Blank Sheet				
	802.16	Crown Transition/Crown Runoff (CR) Table	New 10/02			
	802.17	Table 1	New 10/02			
	802.18	Table 2	New 10/02			
	802.19	Design Superelevation Rates Urban Condition	New 10/02			
	802.20	Design Superelevation Rates Rural Conditions	New 10/02			
	802.21	Methodologies for Calculating TC-5.01 Values for Urban Low-Speed Streets	New 10/02	7/03	7/05	VOID 7/05
TC-5.04	802.21A	Methodologies for Calculating TC-5.04 Values for Urban Low-Speed Streets	New 2/06			
TC-5.01	802.22	Methodologies for Calculating TC-5.01 Values	New 10/02	3/03		
	802.23	Calculated TC-5.01 Examples	New 10/02			
	802.24	Summary of Standard TC-5.01 ULS (Urban Low Speed) Design Factors	New 10/02	7/05	VOID 7/05	
TC-5.04	802.24A	Summary of Standard TC-5.04 ULS (Urban Low Speed) Design Factors	New 2/06			
TC-5.01	802.25	Design Factors for a Design Speed of 20 mph (Urban)	New 10/02			
	802.26	Design Factors for a Design Speed of 25 mph (Urban)	New 10/02			
	802.27	Design Factors for a Design Speed of 30 mph (Urban)	New 10/02			
	802.28	Design Factors for a Design Speed of 35 mph (Urban)	New 10/02			
	802.29	Design Factors for a Design Speed of 40 mph (Urban)	New 10/02			
	802.30	Design Factors for a Design Speed of 45 mph (Urban)	New 10/02			
	802.31	Design Factors for a Design Speed of 50 mph (Urban)	New 10/02			
	802.32	Design Factors for a Design Speed of 55 mph (Urban)	New 10/02			
	802.33	Design Factors for a Design Speed of 60 mph (Urban)	New 10/02			
	802.34	Design Factors for a Design Speed of 20 mph (Rural)	New 10/02	3/03	1/04	
	802.35	Design Factors for a Design Speed of 25 mph (Rural)	New 10/02	3/03	1/04	
	802.36	Design Factors for a Design Speed of 30 mph (Rural)	New 10/02	3/03		
	802.37	Design Factors for a Design Speed of 35 mph (Rural)	New 10/02	3/03	1/04	
	802.38	Design Factors for a Design Speed of 40 mph (Rural)	New 10/02	3/03		
	802.39	Design Factors for a Design Speed of 45 mph (Rural)	New 10/02	3/03		
	802.40	Design Factors for a Design Speed of 50 mph (Rural)	New 10/02	3/03		
	802.41	Design Factors for a Design Speed of 55 mph (Rural)	New 10/02	3/03		
	802.42	Design Factors for a Design Speed of 60 mph (Rural)	New 10/02	3/03		

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	802.43	Design Factors for a Design Speed of 65 mph (Rural)	New 10/02	3/03		
	802.44	Design Factors for a Design Speed of 70 mph (Rural)	New 10/02	3/03		

Appendix

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	A-1	Conversion Table - Inches and Fractions of an Inch in Decimals of a Foot				
	A-2	Standard Reinforcing Bars				
	A-3	Parabolic Vertical Curve Computations				
	A-4	Metric Conversion Factors				