

**2001 Road and Bridge Standards
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Standard	Page	Title	Revised	Revised	Revised	Revised
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				
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				
CR-1	602.03	Standard Maintenance Crossover for use on Freeways				
RFD-1	603.01	Standard Mailbox	7/03			
RFD-1	603.02	Standard Mailbox	New 7/03	1/04		
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				
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				
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	Sight Distance on Vertical Curves	New 10/02			
	608.07	Sight Distance on Vertical Curves	New 10/02			
SD-5	608.08	Sight Distance on Vertical Curves	New 10/02			
	608.09	Sight Distance on Vertical Curves	New 10/02			

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				
CS-4	701.06	Typical Methods of Grading Side Slopes				
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			
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				
	801.08	Details of Superelevation About Baseline				
	801.09	Example for Four Lane Roadways				
	801.10	Cross Section - Four Lane Roadway				
	801.11	Method of Applying TC-5 on Compound and Reverse Curves Rural Condition Only With Pavement Widening				
	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)				
	801.22	Design Factors for a Design Speed of 25 mph (Urban)				
	801.23	Design Factors for a Design Speed of 30 mph (Urban)				
	801.24	Design Factors for a Design Speed of 35 mph (Urban)				
	801.25	Design Factors for a Design Speed of 40 mph (Urban)				
	801.26	Design Factors for a Design Speed of 45 mph (Urban)				
	801.27	Design Factors for a Design Speed of 50 mph (Urban)				
	801.28	Design Factors for a Design Speed of 55 mph (Urban)				
	801.29	Design Factors for a Design Speed of 60 mph (Urban)				

Standard	Page	Title	Revised	Revised	Revised	Revised
TC-5	801.30	Design Factors for a Design Speed of 20 mph (Rural)				
	801.31	Design Factors for a Design Speed of 25 mph (Rural)				
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	801.33	Design Factors for a Design Speed of 35 mph (Rural)				
	801.34	Design Factors for a Design Speed of 40 mph (Rural)				
	801.35	Design Factors for a Design Speed of 45 mph (Rural)				
	801.36	Design Factors for a Design Speed of 50 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 Conditions	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			
	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			
	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		

Standard	Page	Title	Revised	Revised	Revised	Revised
	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

Standard	Page	Title	Revised	Revised	Revised	Revised
	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				