

Tables of Contents
Road and Bridge Standards - Section 800: Transition Curves

Standard	Page	Title	Current Revision	Previous Revisions					Original Standard	Insertable Sheet
TC-5	801.01	Transition Curves for Rural and Urban Highways and Street Conditions	1/07						2/01	
	801.02	Explanation of Tables and Instructions for use - Urban Condition	1/07						2/01	
	801.03	Explanation of Tables and Instructions for use - Rural Condition	1/07						2/01	
	801.04	Explanation of Tables and Instructions for use - General Condition	1/07						2/01	
	801.05	Details for Transitioned Baseline Rural Condition with Pavement Widening	1/07						2/01	
	801.06	Details for Non-Transitioned Baseline Urban Condition and Rural Condition Without Pavement Widening	1/07						2/01	
	801.07	Details of Superelevation About Baseline	1/07						2/01	
	801.08	Details of Superelevation About Baseline							2/01	
	801.09	Example for Four Lane Roadways	1/07						2/01	
	801.10	Cross Section - Four Lane Roadways							2/01	
	801.11	Method of Applying TC-5 on Compound and Reverse Curves Rural Condition Only With Pavement Widening	1/07						2/01	
	801.12	Crown Transition / Crown Runoff (CR) Table	1/07	7/01					2/01	
	801.13	Table 1	1/07						2/01	
	801.14	Table 2	1/07						2/01	
	801.15	Design Superelevation Rates Urban Conditions							2/01	
	801.16	Design Superelevation Rates Rural Conditions							2/01	
	801.17	Methodologies for Calculating TC-5 Values for Urban Low-Speed Streets	1/07						2/01	
	801.18	Methodologies for Calculating TC-5 Values	1/07						2/01	

Tables of Contents
Road and Bridge Standards - Section 800: Transition Curves

Standard	Page	Title	Current Revision	Previous Revisions					Original Standard	Insertable Sheet
TC-5	801.19	Calculated TC-5 Examples	1/07						2/01	
	801.20	Summary of Standard TC-5ULS (Urban Low Speed) Design Factors	1/07						2/01	
	801.21	Design Factors for a Design Speed of 20 mph (Urban)	1/07						2/01	
	801.22	Design Factors for a Design Speed of 25 mph (Urban)	1/07						2/01	
	801.23	Design Factors for a Design Speed of 30 mph (Urban)	1/07						2/01	
	801.24	Design Factors for a Design Speed of 35 mph (Urban)	1/07						2/01	
	801.25	Design Factors for a Design Speed of 40 mph (Urban)	1/07						2/01	
	801.26	Design Factors for a Design Speed of 45 mph (Urban)	1/07						2/01	
	801.27	Design Factors for a Design Speed of 50 mph (Urban)	1/07						2/01	
	801.28	Design Factors for a Design Speed of 55 mph (Urban)	1/07						2/01	
	801.29	Design Factors for a Design Speed of 60 mph (Urban)	1/07						2/01	
	801.30	Design Factors for a Design Speed of 20 mph (Rural)	1/07						2/01	
	801.31	Design Factors for a Design Speed of 25 mph (Rural)	1/07						2/01	
	801.32	Design Factors for a Design Speed of 30 mph (Rural)	1/07						2/01	
	801.33	Design Factors for a Design Speed of 35 mph (Rural)	1/07						2/01	
	801.34	Design Factors for a Design Speed of 40 mph (Rural)	1/07						2/01	
	801.35	Design Factors for a Design Speed of 45 mph (Rural)	1/07						2/01	
801.36	Design Factors for a Design Speed of 50 mph (Rural)	1/07						2/01		
801.37	Design Factors for a Design Speed of 55 mph (Rural)	1/07						2/01		

Tables of Contents
Road and Bridge Standards - Section 800: Transition Curves

Standard	Page	Title	Current Revision	Previous Revisions					Original Standard	Insertable Sheet
TC-5	801.38	Design Factors for a Design Speed of 60 mph (Rural)	1/07						2/01	
	801.39	Design Factors for a Design Speed of 65 mph (Rural)	1/07						2/01	
	801.40	Design Factors for a Design Speed of 70 mph (Rural)	1/07						2/01	
TC-5.01	802.01	Transition Curves for Rural and Urban Highways and Street Conditions	1/07						10/02	
	802.02	Explanation of Tables and Instructions for use - Urban Condition	1/07						10/02	
	802.03	Explanation of Tables and Instructions for use - Rural Condition	1/07						10/02	
	802.04	Explanation of Tables and Instruction for use - General Condition	1/07						10/02	
	802.05	Details for Transitioned Baseline Rural Condition with Pavement Widening	1/07						10/02	
	802.06	Details for Non-Transitioned Baseline Urban Condition and Rural Condition Without Pavement Widening	1/07						10/02	
	802.07	Details of Superelevation About Baseline	1/07						10/02	
	802.08	Details of Superelevation About Baseline							10/02	
	802.09	Example for Four Lane Roadways	1/07						10/02	
	802.10	Cross Section - Four Lane Roadways							10/02	
	802.11	Method of Applying TC-5.01 on Compound Curves Rural Condition With Pavement Widening							10/02	
	802.12	Method of Applying TC-5.01 on Reverse Curves Rural Condition With Pavement Widening	1/07						10/02	
	802.13	Method of Applying TC-5.01 on Compound Curves Urban & Rural Condition Without Pavement Widening	1/07	3/03					10/02	

Tables of Contents
Road and Bridge Standards - Section 800: Transition Curves

Standard	Page	Title	Current Revision	Previous Revisions						Original Standard	Insertable Sheet
TC-5.01	802.14	Method of Applying TC-5.01 on Reverse Curves Urban & Rural Condition Without Pavement Widening	1/07	3/03						10/02	
	802.15	Blank Sheet								10/02	
	802.16	Crown Transition / Crown Runoff (CR) Table	1/07							10/02	
	802.17	Table 1	1/07							10/02	
	802.18	Table 2	1/07							10/02	
	802.19	Design Superelevation Rates Urban Conditions								10/02	
	802.20	Design Superelevation Rates Rural Conditions								10/02	
	802.21	Methodologies for Calculating TC-5.01 Values for Urban Low-Speed Streets	1/07	7/05	7/03					10/02	
	802.21A	Methodologies for Calculating TC-5.04 Values for Urban Low-Speed Streets	1/07							2/06	
	802.22	Methodologies for Calculating TC-5.01 Values	1/07	7/03	3/03					10/02	
	802.23	Calculated TC-5.01 Examples	1/07							10/02	
	802.24	Summary of Standard TC-5.01 ULS (Urban Low Speed) Design Factors	1/07	7/05						10/02	
	802.24A	Summary of Standard TC-5.04 ULS (Urban Low Speed) Design Factors	1/07							2/06	
	802.25	Design Factors for a Design Speed of 20 mph (Urban)	1/07							10/02	
	802.26	Design Factors for a Design Speed of 25 mph (Urban)	1/07							10/02	
	802.27	Design Factors for a Design Speed of 30 mph (Urban)	1/07							10/02	
802.28	Design Factors for a Design Speed of 35 mph (Urban)	1/07							10/02		
802.29	Design Factors for a Design Speed of 40 mph (Urban)	1/07							10/02		

Tables of Contents
Road and Bridge Standards - Section 800: Transition Curves

Standard	Page	Title	Current Revision	Previous Revisions						Original Standard	Insertable Sheet
TC-5.01	802.30	Design Factors for a Design Speed of 45 mph (Urban)	1/07							10/02	
	802.31	Design Factors for a Design Speed of 50 mph (Urban)	1/07							10/02	
	802.32	Design Factors for a Design Speed of 55 mph (Urban)	1/07							10/02	
	802.33	Design Factors for a Design Speed of 60 mph (Urban)	1/07							10/02	
	802.34	Design Factors for a Design Speed of 20 mph (Rural)	1/07	1/04	3/03					10/02	
	802.35	Design Factors for a Design Speed of 25 mph (Rural)	1/07	1/04	3/03					10/02	
	802.36	Design Factors for a Design Speed of 30 mph (Rural)	1/07	3/03						10/02	
	802.37	Design Factors for a Design Speed of 35 mph (Rural)	1/07	1/04	3/03					10/02	
	802.38	Design Factors for a Design Speed of 40 mph (Rural)	1/07	3/03						10/02	
	802.39	Design Factors for a Design Speed of 45 mph (Rural)	1/07	3/03						10/02	
	802.40	Design Factors for a Design Speed of 50 mph (Rural)	1/07	3/03						10/02	
	802.41	Design Factors for a Design Speed of 55 mph (Rural)	1/07	3/03						10/02	
	802.42	Design Factors for a Design Speed of 60 mph (Rural)	1/07	3/03						10/02	
	802.43	Design Factors for a Design Speed of 65 mph (Rural)	1/07	3/03						10/02	
802.44	Design Factors for a Design Speed of 70 mph (Rural)	1/07	3/03						10/02		