List of Worksheets

CHAPTER 10—	PREDICTIVE METHOD FOR RURAL TWO-LANE, TWO-WAY ROADS	10-1
Worksheet SP1A.	General Information and Input Data for Rural Two-Lane, Two-Way Roadway Segments	. 10-39
Worksheet SP1B.	Crash Modification Factors for Rural Two-Lane, Two-Way Roadway Segments	. 10-40
Worksheet SP1C.	Roadway Segment Crashes for Rural Two-Lane, Two-Way Roadway Segments	. 10-40
Worksheet SP1D.	Crashes by Severity Level and Collision Type for Rural Two-Lane, Two-Way Roadway Segments	. 10-41
Worksheet SP1E.	Summary Results for Rural Two-Lane, Two-Way Roadway Segments	. 10-42
Worksheet SP2A.	General Information and Input Data for Rural Two-Lane, Two-Way Roadway Segments	. 10-46
Worksheet SP2B.	Crash Modification Factors for Rural Two-Lane, Two-Way Roadway Segments	. 10-47
Worksheet SP2C.	Roadway Segment Crashes for Rural Two-Lane, Two-Way Roadway Segments	. 10-47
Worksheet SP2D.	Crashes by Severity Level and Collision Type for Rural Two-Lane, Two-Way Roadway Segments	. 10-48
Worksheet SP2E.	Summary Results for Rural Two-Lane, Two-Way Roadway Segments	. 10-49
Worksheet SP3A.	General Information and Input Data for Rural Two-Lane, Two-Way Road Intersections	. 10-52
Worksheet SP3B.	Crash Modification Factors for Rural Two-Lane, Two-Way Road Intersections	. 10-52
Worksheet SP3C.	Intersection Crashes for Rural Two-Lane, Two-Way Road Intersections	. 10-53
Worksheet SP3D.	Crashes by Severity Level and Collision Type for Rural Two-Lane, Two-Way Road Intersections	. 10-54
Worksheet SP3E.	Summary Results for Rural Two-Lane, Two-Way Road Intersections	. 10-54
Worksheet SP4A.	General Information and Input Data for Rural Two-Lane, Two-Way Road Intersections	. 10-57
Worksheet SP4B.	Crash Modification Factors for Rural Two-Lane, Two-Way Road Intersections	. 10-57
Worksheet SP4C.	Intersection Crashes for Rural Two-Lane, Two-Way Road Intersections	. 10-58
Worksheet SP4D.	Crashes by Severity Level and Collision Type for Rural Two-Lane, Two-Way Road Intersections	. 10-59
Worksheet SP4E.	Summary Results for Rural Two-Lane, Two-Way Road Intersections	. 10-59
Worksheet SP5A.	Predicted and Observed Crashes by Severity and Site Type Using the Site-Specific EB Method for Rural Two-Lane, Two-Way Roads and Multilane Highways	. 10-61
Worksheet SP5B.	Site-Specific EB Method Summary Results for Rural Two-Lane, Two-Way Roads and Multilane Highways	. 10-62
Worksheet SP6A.	Predicted and Observed Crashes by Severity and Site Type Using the Project-Level EB Method for Rural Two-Lane, Two-Way Roads and Multilane Highways	. 10-64
Worksheet SP6B.	Project-Level EB Method Summary Results for Rural Two-Lane, Two-Way Roads ar Multilane Highways	
Worksheet 1A.	General Information and Input Data for Rural Two-Lane, Two-Way Roadway Segments	. 10-68
Worksheet 1B.	Crash Modification Factors for Rural Two-Lane, Two-Way Roadway Segments	. 10-69
Worksheet 1C.	Roadway Segment Crashes for Rural Two-Lane, Two-Way Roadway Segments	. 10-69
Worksheet 1D.	Crashes by Severity Level and Collision Type for Rural Two-Lane, Two-Way Roadway Segments	. 10-70
Worksheet 1E.	Summary Results for Rural Two-Lane, Two-Way Roadway Segment	. 10-70
Worksheet 2A.	General Information and Input Data for Rural Two-Lane, Two-Way Road Intersections	. 10-71
Worksheet 2B.	Crash Modification Factors for Rural Two-Lane, Two-Way Road Intersections	. 10-71

Worksheet 2C.	Intersection Crashes for Rural Two-Lane, Two-Way Road Intersections	10-71
Worksheet 2D.	Crashes by Severity Level and Collision Type for Rural Two-Lane, Two-Way Road Intersections	10-72
Worksheet 2E.	Summary Results for Rural Two-Lane, Two-Way Road Intersections	10-72
Worksheet 3A.	Predicted and Observed Crashes by Severity and Site Type Using the Site-Specific EB Method for Rural Two-Lane, Two-Way Roads and Multilane Highways	10-73
Worksheet 3B.	Site-Specific EB Method Summary Results for Rural Two-Lane, Two-Way Roads and Multilane Highways	10-73
Worksheet 4A.	Predicted and Observed Crashes by Severity and Site Type Using the Project-Level EB Method for Rural Two-Lane, Two-Way Roads and Multilane Highways	10-74
Worksheet 4B.	Project-Level EB Method Summary Results for Rural Two-Lane, Two-Way Roads and Multilane Highways	10-75
CHAPTER 11—I	PREDICTIVE METHOD FOR RURAL MULTILANE HIGHWAYS	11-1
Worksheet SP1A.	General Information and Input Data for Rural Multilane Roadway Segments	11-40
Worksheet SP1B.	Crash Modification Factors for Rural Multilane Divided Roadway Segments	11-40
Worksheet SP1C.	Roadway Segment Crashes for Rural Multilane Divided Roadway Segments	11-41
Worksheet SP1D.	Crashes by Severity Level and Collision Type for Rural Multilane Divided Roadway Segments	11-42
Worksheet SP1E.	Summary Results for Rural Multilane Roadway Segments	11-42
Worksheet SP2A.	General Information and Input Data for Rural Multilane Roadway Segments	11-46
Worksheet SP2B.	Crash Modification Factors for Rural Multilane Undivided Roadway Segments	11-46
Worksheet SP2C.	Roadway Segment Crashes for Rural Multilane Undivided Roadway Segments	11-47
Worksheet SP2D.	Crashes by Severity Level and Collision Type for Rural Multilane Undivided Roadway Segments	11-48
Worksheet SP2E.	Summary Results for Rural Multilane Roadway Segments	11-48
Worksheet SP3A.	General Information and Input Data for Rural Multilane Highway Intersections	11-51
Worksheet SP3B.	Crash Modification Factors for Rural Multilane Highway Intersections	11-52
Worksheet SP3C.	Intersection Crashes for Rural Multilane Highway Intersections	11-52
Worksheet SP3D.	Crashes by Severity Level and Collision Type for Rural Multilane Highway Intersections	11-53
Worksheet SP3E.	Summary Results for Rural Multilane Highway Intersections	11-53
Worksheet SP4A.	Predicted and Observed Crashes by Severity and Site Type Using the Site-Specific EB Method for Rural Two-Lane, Two-Way Roads and Multilane Highways	11-55
Worksheet SP4B.	Site-Specific EB Method Summary Results for Rural Two-Lane, Two-Way Roads and Multilane Highways	11-56
Worksheet SP5A.	Predicted and Observed Crashes by Severity and Site Type Using the Project-Level EB Method for Rural Two-Lane, Two-Way Roads and Multilane Highways	11-58
Worksheet SP5B.	Project-Level EB Method Summary Results for Rural Two-Lane, Two-Way Roads and Multilane Highways	11-60
Worksheet 1A.	General Information and Input Data for Rural Multilane Roadway Segments	11-62
Worksheet 1B (a).	Crash Modification Factors for Rural Multilane Divided Roadway Segments	11-62
Worksheet 1B (b).	Crash Modification Factors for Rural Multilane Undivided Roadway Segments	11-62
Worksheet 1C (a).	Roadway Segment Crashes for Rural Multilane Divided Roadway Segments	11-63
Worksheet 1C (b).	Roadway Segment Crashes for Rural Multilane Undivided Roadway Segments	11-63
Worksheet 1D (a).	Crashes by Severity Level and Collision Type for Rural Multilane Divided Roadway Segments	11-64
Worksheet 1D (b).	Crashes by Severity Level and Collision Type for Rural Multilane Undivided Roadway Segments	11-64

Worksheet 1E.	Summary Results for Rural Multilane Roadway Segments	11-65
Worksheet 2A.	General Information and Input Data for Rural Multilane Highway Intersections	11-65
Worksheet 2B.	Crash Modification Factors for Rural Multilane Highway Intersections	11-65
Worksheet 2C.	Intersection Crashes for Rural Multilane Highway Intersections	11-66
Worksheet 2D.	Crashes by Severity Level and Collision Type for Rural Multilane Highway Intersections	11-66
Worksheet 2E.	Summary Results for Rural Multilane Highway Intersections	11-67
Worksheet 3A.	Predicted and Observed Crashes by Severity and Site Type Using the Site-Specific EB Method	11-67
Worksheet 3B.	Site-Specific EB Method Summary Results	11-68
Worksheet 4A.	Predicted and Observed Crashes by Severity and Site Type Using the Project-Level EB Method	11-68
Worksheet 4B.	Project-Level EB Method Summary Results	11-69
CHAPTER 12—	PREDICTIVE METHOD FOR URBAN AND SUBURBAN ARTERIALS	. 12-1
Worksheet SP1A.	General Information and Input Data for Urban and Suburban Roadway Segments	12-56
Worksheet SP1B.	Crash Modification Factors for Urban and Suburban Roadway Segments	12-56
Worksheet SP1C.	Multiple-Vehicle Nondriveway Collisions by Severity Level for Urban and Suburban Roadway Segments	12-57
Worksheet SP1D.	Multiple-Vehicle Nondriveway Collisions by Collision Type for Urban and Suburban Roadway Segments	
Worksheet SP1E.	Single-Vehicle Collisions by Severity Level for Urban and Suburban Roadway Segments	12-58
Worksheet SP1F.	Single-Vehicle Collisions by Collision Type for Urban and Suburban Roadway Segments .	12-59
Worksheet SP1G.	Multiple-Vehicle Driveway-Related Collisions by Driveway Type for Urban and Suburban Roadway Segments	12-60
Worksheet SP1H.	Multiple-Vehicle Driveway-Related Collisions by Severity Level for Urban and Suburban Roadway Segments	12-60
Worksheet SP1I.	Vehicle-Pedestrian Collisions for Urban and Suburban Roadway Segments	12-61
Worksheet SP1J.	Vehicle-Bicycle Collisions for Urban and Suburban Roadway Segments	12-61
Worksheet SP1K.	Crash Severity Distribution for Urban and Suburban Roadway Segments	12-62
Worksheet SP1L.	Summary Results for Urban and Suburban Roadway Segments	12-62
Worksheet SP2A.	General Information and Input Data for Urban and Suburban Roadway Segments	12-67
Worksheet SP2B.	Crash Modification Factors for Urban and Suburban Roadway Segments	12-68
Worksheet SP2C.	Multiple-Vehicle Nondriveway Collisions by Severity Level for Urban and Suburban Roadway Segments	
Worksheet SP2D.	Multiple-Vehicle Nondriveway Collisions by Collision Type for Urban and Suburban Roadway Segments	12-69
Worksheet SP2E.	Single-Vehicle Collisions by Severity Level for Urban and Suburban Roadway Segments	12-70
Worksheet SP2F.	Single-Vehicle Collisions by Collision Type for Urban and Suburban Roadway Segments .	12-70
Worksheet SP2G.	Multiple-Vehicle Driveway-Related Collisions by Driveway Type for Urban and Suburban Roadway Segments	12-71
Worksheet SP2H.	Multiple-Vehicle Driveway-Related Collisions by Severity Level for Urban and Suburban Roadway Segments	12-72
Worksheet SP2I.	Vehicle-Pedestrian Collisions	12-72
Worksheet SP2J.	Vehicle-Bicycle Collisions for Urban and Suburban Roadway Segments	12-72
Worksheet SP2K.	Crash Severity Distribution for Urban and Suburban Roadway Segments	12-73
Worksheet SP2L.	Summary Results for Urban and Suburban Roadway Segments	12-74
Worksheet SP3A.	General Information and Input Data for Urban and Suburban Arterial Intersections	12-79

Worksheet SP3B.	Crash Modification Factors for Urban and Suburban Arterial Intersections	12-80
Worksheet SP3C.	Multiple-Vehicle Collisions by Severity Level for Urban and Suburban Arterial Intersections	12-80
Worksheet SP3D.	Multiple-Vehicle Collisions by Collision Type for Urban and Suburban Arterial Intersections	12-81
Worksheet SP3E.	Single-Vehicle Collisions by Severity Level for Urban and Suburban Arterial Intersections	12-82
Worksheet SP3F.	Single-Vehicle Collisions by Collision Type for Urban and Suburban Arterial Intersections	12-83
Worksheet SP3G.	Vehicle-Pedestrian Collisions for Urban and Suburban Arterial Stop-Controlled Intersections	12-83
Worksheet SP3J.	Vehicle-Bicycle Collisions for Urban and Suburban Arterial Intersections	12-84
Worksheet SP3K.	Crash Severity Distribution for Urban and Suburban Arterial Intersections	12-85
Worksheet SP3L.	Summary Results for Urban and Suburban Arterial Intersections	12-85
Worksheet SP4A.	General Information and Input Data for Urban and Suburban Arterial Intersections	12-90
Worksheet SP4B.	Crash Modification Factors for Urban and Suburban Arterial Intersections	12-91
Worksheet SP4C.	Multiple-Vehicle Collisions by Severity Level for Urban and Suburban Arterial Intersections	12-91
Worksheet SP4D.	Multiple-Vehicle Collisions by Collision Type for Urban and Suburban Arterial Intersections	12-92
Worksheet SP4E.	Single-Vehicle Collisions by Severity Level for Urban and Suburban Arterial Intersections	12-93
Worksheet SP4F.	Single-Vehicle Collisions by Collision Type for Urban and Suburban Arterial Intersections	12-94
Worksheet SP4H.	Crash Modification Factors for Vehicle-Pedestrian Collisions for Urban and Suburban Arterial Signalized Intersections	12-94
Worksheet SP4I.	Vehicle-Pedestrian Collisions for Urban and Suburban Arterial Signalized Intersections	12-95
Worksheet SP4J.	Vehicle-Bicycle Collisions for Urban and Suburban Arterial Intersections	12-95
Worksheet SP4K.	Crash Severity Distribution for Urban and Suburban Arterial Intersections	12-96
Worksheet SP4L.	Summary Results for Urban and Suburban Arterial Intersections	12-96
Worksheet SP5A.	Predicted Crashes by Collision and Site Type and Observed Crashes Using the Site-Specific EB Method for Urban and Suburban Arterials	12-98
Worksheet SP5B.	Predicted Pedestrian and Bicycle Crashes for Urban and Suburban Arterials	12-101
Worksheet SP5C.	Site-Specific EB Method Summary Results for Urban and Suburban Arterials	12-101
Worksheet SP6A.	Predicted Crashes by Collision and Site Type and Observed Crashes Using the Project-Level EB Method for Urban and Suburban Arterials	12-103
Worksheet SP6B.	Predicted Pedestrian and Bicycle Crashes for Urban and Suburban Arterials	12-106
Worksheet SP6C.	Project-Level EB Method Summary Results for Urban and Suburban Arterials	12-106
Worksheet 1A.	General Information and Input Data for Urban and Suburban Roadway Segments	12-108
Worksheet 1B.	Crash Modification Factors for Urban and Suburban Roadway Segments	12-108
Worksheet 1C.	Multiple-Vehicle Nondriveway Collisions by Severity Level for Urban and Suburban Roadway Segments	12-109
Worksheet 1D.	Multiple-Vehicle Nondriveway Collisions by Collision Type for Urban and Suburban Roadway Segments	12-109
Worksheet 1E.	Single-Vehicle Collisions by Severity Level for Urban and Suburban Roadway Segments	12-110
Worksheet 1F.	Single-Vehicle Collisions by Collision Type for Urban and Suburban Roadway Segments	12-110
Worksheet 1G.	Multiple-Vehicle Driveway-Related Collisions by Driveway Type for Urban and Suburban Roadway Segments	12-111

Worksheet 1H.	Multiple-Vehicle Driveway-Related Collisions by Severity Level for Urban and Suburban Roadway Segments
Worksheet 11.	Vehicle-Pedestrian Collisions for Urban and Suburban Roadway Segments 12-11
Worksheet 1J.	Vehicle-Bicycle Collisions for Urban and Suburban Roadway Segments 12-11.
Worksheet 1K.	Crash Severity Distribution for Urban and Suburban Roadway Segments 12-11.
Worksheet 1L.	Summary Results for Urban and Suburban Roadway Segments
Worksheet 2A.	General Information and Input Data for Urban and Suburban Arterial Intersections 12-11.
Worksheet 2B.	Crash Modification Factors for Urban and Suburban Arterial Intersections 12-11-
Worksheet 2C.	Multiple-Vehicle Collisions by Severity Level for Urban and Suburban Arterial Intersections
Worksheet 2D.	Multiple-Vehicle Collisions by Collision Type for Urban and Suburban Arterial Intersections
Worksheet 2E.	Single-Vehicle Collisions by Severity Level for Urban and Suburban Arterial Intersections
Worksheet 2F.	Single-Vehicle Collisions by Collision Type for Urban and Suburban Arterial Intersections
Worksheet 2G.	Vehicle-Pedestrian Collisions for Urban and Suburban Arterial Stop-Controlled Intersections
Worksheet 2H.	Crash Modification Factors for Vehicle-Pedestrian Collisions for Urban and Suburban Arterial Signalized Intersections
Worksheet 2I.	Vehicle-Pedestrian Collisions for Urban and Suburban Arterial Signalized Intersections
Worksheet 2J.	Vehicle-Bicycle Collisions for Urban and Suburban Arterial Intersections
Worksheet 2K.	Crash Severity Distribution for Urban and Suburban Arterial Intersections 12-11
Worksheet 2L.	Summary Results for Urban and Suburban Arterial Intersections
Worksheet 3A.	Predicted Crashes by Collision and Site Type and Observed Crashes Using the Site-Specific EB Method for Urban and Suburban Arterials
Worksheet 3B.	Predicted Pedestrian and Bicycle Crashes for Urban and Suburban Arterials 12-11
Worksheet 3C.	Site-Specific EB Method Summary Results for Urban and Suburban Arterials 12-11
Worksheet 4A.	Predicted Crashes by Collision and Site Type and Observed Crashes Using the Project-Level EB Method for Urban and Suburban Arterials
Worksheet 4B.	Predicted Pedestrian and Bicycle Crashes for Urban and Suburban Arterials 12-12.
Worksheet 4C.	Project-Level EB Method Summary Results for Urban and Suburban Arterials 12-12.