

Table of Contents

DEFINITIONS	F-1
SECTION 1- INTRODUCTION	F-7
Access Management Concepts.....	F-7
Functional Classification	F-8
Functional Classification of State Highways.....	F-8
SECTION 2 – INTERSECTION DESIGN; SPACING STANDARDS	F-11
Intersection Design Objectives	F-11
Intersection Design Principles	F-12
Minimum Angle of Intersections	F-18
Signalized Intersection Spacing.....	F-21
General Intersection and Entrance Spacing Criteria.....	F-22
Minimum Spacing Standards for Commercial Entrances, Intersections, and Median Crossovers	F-23
Spacing Standards for Commercial Entrances/Intersections Near Interchange Ramps ...	F-27
Exceptions/Waivers to the Spacing Standards/Access Management Requirements	F-29
Exceptions / Waivers to the Design Standards	F-29
Median Crossover Location Approval Process	F-30
Signalized and Unsignalized Intersection Design (Corner Island Designs)	F-31
Stopping Sight Distance.....	F-34
Intersection Sight Distance	F-35
Median Crossovers	F-37
Median Crossover Grades.....	F-37
Intersecting Cross Road Grades	F-40
Roundabouts.....	F-40
The Approval Process for Roundabouts	F-43
Mini-Roundabouts.....	F-46
Accommodating Pedestrians and Bicyclists.....	F-47
SECTION 3 – TURNING LANES	F-50
Turn Lane Criteria for Single and Dual Lanes	F-50
Warrants for Left Turn Storage Lanes on Four-Lane Highways.....	F-52
Warrants for Left Turn Storage Lanes on Two-Lane Highways	F-53
Lane/Shoulder/Transitions, Merging Tapers And Speed Change Lengths	F-55
Double (Dual) Left-Turn Lanes	F-66
Continuous Left-Turn Lanes (Two Way in Either Direction)	F-66
Medians.....	F-69
Illustration of Directional Median Crossover for Left Turns and U-Turns.....	F-71
Illustration of Directional Median Crossover for Left Turns and U-Turns.....	F-71