

Table of Contents

DEFINITIONS	F-1
SECTION 1- INTRODUCTION	
Access Management Concepts	F-7
Functional Classification.....	F-8
Functional Classification of State Highways.....	F-8
Access Control Policy (Full and Partial).....	F-10
SECTION 2 – INTERSECTION DESIGN; SPACING STANDARDS	
Intersection Design Objectives	F-14
Intersection Design Principles.....	F-15
Minimum Angle of Intersections.....	F-21
Signalized Intersection Spacing.....	F-24
General Intersection and Entrance Spacing Criteria	F-25
Minimum Spacing Standards for Commercial Entrances, Intersections, and Median Crossovers	F-26
Spacing St'ds. for Commercial Entrances/Intersections Near Interchange Ramps	F-30
Exceptions/Waivers to the Spacing Standards/Access Management Requirements ..	F-32
Exceptions/Waivers to the Design Standards	F-32
Traffic Signals and Median Crossovers	F-33
Median Crossover Location Approval Process:	F-34
Signalized and Unsignalized Intersection Design (Corner Island Designs).....	F-37
Intersection Sight Distance	F-40
Stopping Sight Distance.....	F-42
Median Crossovers	F-45
Median Crossover Grades	F-45
Intersecting Cross Road Grades.....	F-48
Innovative Intersection and Interchange Policies	F-48
Roundabout Policy	F-48
Innovative Intersection and Interchange Policy	F-49
Accommodating Pedestrians and Bicyclists	F-51
SECTION 3 – TURNING LANES	
Turn Lane Criteria for Single and Dual Lanes	F-55
Warrants for Left Turn Storage Lanes on Four-Lane Highways	F-57
Warrants for Left Turn Storage Lanes on Two-Lane Highways.....	F-58
Taper Lengths (L) - Lane/Pavement Transitions and Merging Tapers	F-61
Double (Dual) Left-Turn Lanes	F-72
Continuous Two-Way Left-Turn Lanes (TWLTL's).....	F-72
Medians	F-75
Illustration of Directional Median Crossover for Left Turns and U-Turns.....	F-77
Right Turn Lanes.....	F-78
Acceleration/Deceleration Lanes	F-82