

LIST OF FIGURES

	Page
TABLE A-1-1 DESIGN SPEEDS FOR FOR VARIOUS FUNCTIONAL CLASSIFICATIONS.....	A-7
FIGURE A-1-1 GEOMETRIC DESIGN STANDARDS FOR RURAL PRINCIPAL ARTERIAL SYSTEM (GS-1).....	A-8
FIGURE A-1-2 GEOMETRIC DESIGN STANDARDS FOR RURAL MINOR ARTERIAL SYSTEM (GS-2).....	A-9
FIGURE A-1-3 GEOMETRIC DESIGN STANDARDS FOR RURAL COLLECTOR ROAD SYSTEM (GS-3).....	A-10
FIGURE A-1-4 GEOMETRIC DESIGN STANDARDS FOR RURAL LOCAL ROAD SYSTEM (GS-4).....	A-11
FIGURE A-1-5 GEOMETRIC DESIGN STANDARDS FOR URBAN PRINCIPAL ARTERIAL SYSTEM (GS-5).....	A-12
FIGURE A-1-6 GEOMETRIC DESIGN STANDARDS FOR URBAN MINOR ARTERIAL SYSTEM (GS-6).....	A-13
FIGURE A-1-7 GEOMETRIC DESIGN STANDARDS FOR URBAN COLLECTOR STREET SYSTEM (GS-7).....	A-14
FIGURE A-1-8 GEOMETRIC DESIGN STANDARDS FOR URBAN LOCAL STREET SYSTEM (GS-8).....	A-15
FIGURE A-1-9 GEOMETRIC DESIGN STANDARDS FOR SERVICE ROADS (GS-9).....	A-16
FIGURE A-1-10 GEOMETRIC DESIGN STANDARDS FOR INTERCHANGE RAMPS (GS-R).....	A-17
TABLE A-2-1 CLEAR ZONE DISTANCES (IN FEET FROM EDGE OF DRIVING LANE).....	A-20
FIGURE A-2-1 CLEAR ZONE (LATERAL OFFSET) CASES.....	A-21
FIGURE A-2-1 CLEAR ZONE (LATERAL OFFSET) CASES.....	A-22
FIGURE A-2-2 COST EFFECTIVE SELECTION PROCEDURES.....	A-24
TABLE A-2-2 HORIZONTAL CURVE ADJUSTMENTS.....	A-25
FIGURE A-2-4 EXAMPLE OF A PARALLEL EMBANKMENT SLOPE DESIGN.....	A-27
TABLE A-3-1 DETERMINING WARRANTS FOR ROADSIDE BARRIERS.....	A-31
TABLE A-3-2 TYPICAL BARRIER/GUARDRAIL SELECTION AND PLACEMENT.....	A-33
FIGURE A-3-1 BARRIER LENGTH OF NEED DETERMINATION.....	A-35
TABLE A-3-3 DESIGN PARAMETERS FOR ROADSIDE BARRIER LAYOUT.....	A-36
FIGURE A-3-2 SUGGESTED SLOPES FOR APPROACH BARRIERS.....	A-36
FIGURE A-3-3 DIMENSIONS FOR CRASH CUSHION.....	A-43
MINIMUM BRIDGE WIDTHS ON RRR PROJECTS.....	A-51
TABLE A-4-1 GEOMETRIC DESIGN CRITERIA.....	A-57
TABLE A-5-1 GROUP A BICYCLISTS, URBAN SECTION, NO PARKING.....	A-82
TABLE A-5-2 GROUP A BICYCLISTS, URBAN SECTION, WITH PARKING.....	A-83
TABLE A-5-3 GROUP A BICYCLISTS, RURAL SECTION.....	A-84
TABLE A-5-4 GROUP B/C BICYCLISTS, URBAN SECTION, NO PARKING.....	A-85
TABLE A-5-5 GROUP B/C BICYCLISTS, URBAN SECTION, WITH PARKING.....	A-86
TABLE A-5-6 GROUP B/C BICYCLISTS, RURAL SECTION.....	A-87
FIGURE A-5-1 BIKE LANES WITH ON-STREET PARKING.....	A-89
FIGURE A-5-1 PARKING PERMITTED WITHOUT PARKING STRIPE OR STALL.....	A-90
FIGURE A-5-2 TYPICAL BIKE LANE CROSS SECTIONS.....	A-91
FIGURE A-5-3 RIGHT TURN ONLY LANE.....	A-92
FIGURE A-5-4 SHARED USED PATHS.....	A-94
FIGURE A-5-5 CROSS SECTION OF TWO-WAY SHARED USE PATH ON SEPARATED RIGHT OF WAY.....	A-95
FIGURE A-5-6 PHYSICAL BARRIER FOR SHARED-USE PATH.....	A-96