

TABLE OF CONTENTS

LIST OF TABLES	i
LIST OF FIGURES	ii
EXECUTIVE SUMMARY	iii
I. PERFORMANCE MEASURES AND DATA COLLECTION	I-1
Selection of Performance Measures	I-1
Data Collection	I-2
II. CONGESTION IDENTIFICATION	II-1
III. DISCUSSION OF STRATEGIES TO ALLEVIATE CONGESTION	III-1
A. System Management & System Efficiency	III-2
1. Signal System Improvements/Coordination	III-2
2. Capacity Additions	III-5
3. Access Management	III-7
4. Intelligent Transportation Systems (ITS)	III-12
5. Incident Management	III-17
6. Reversible Lanes	III-20
7. Ramp Metering	III-24
8. Improving Intersection/Interchange Geometrics	III-25
B. Demand Management & Demand Reduction	III-27
1. Commute Alternatives/Rideshare Promotion	III-27
2. Car Sharing	III-29
3. Staggered and Flexible Work Hours	III-31
4. Telecommuting	III-33
5. Growth Planning	III-36
6. Transit Improvements	III-40
7. High Occupancy Vehicle (HOV) Lanes	III-56
8. Walk/Bicycle	III-60
9. Employer Commute/Trip Reduction Ordinances	III-63
10. Congestion Pricing	III-66
11. Parking Management/Increasing Parking Costs	III-70
12. Increase Gas or Auto-Related Taxes/Fees	III-73
Glossary of Acronyms and Abbreviations	III-77
IV. STRATEGY RECOMMENDATIONS / NEW CAPACITY JUSTIFICATION	IV-1
System Management and System Efficiency	IV-1
Demand Management and Demand Reduction	IV-4
General Priorities	IV-9
Strategies Generally Appropriate for Freeways	IV-20
Strategies Generally Appropriate for Principal Arterials	IV-22
Strategies Generally Appropriate for Minor Arterials	IV-25
Strategies Generally Appropriate for Collectors	IV-28
V. Effectiveness Evaluation	V-1

Appendix A: Recommended Capacity Additions

LIST OF TABLES

1.	65/35 Directional Split Criteria	III-22
2.	Transportation Impacts of Various Transit Improvements	III-41
3.	Effective Changes in Mode Choice	III-73
4.	Where Effective - System Management Strategies	III-75
5.	Where Effective - Demand Management Strategies	III-76
6.	Congestion Mitigation Prioritization	IV-10
7.	System Management and Demand Management Factors	IV-12
8.	Congestion Management Analysis of New Capacity (widening) Projects	IV-14
9.	Congestion Management Analysis of New Capacity (new construction) Projects	IV-16

LIST OF FIGURES

1.	Weber, Davis, and Salt Lake Subareas	II-2
2.	2001 PM Delay / Mile - Freeways Only	II-4
3.	2030 PM Delay / Mile - Freeways Only	II-5
4.	Freeway PM Peak Total Delay by Direction	II-6
5.	2001 PM Delay / Mile - Arterial Streets Only	II-7
6.	2030 PM Delay / Mile Arterial streets Only	II-8
7.	Arterial PM Peak Total Delay by Direction	II-9
8.	Schematic Illustration of a Portion of a Suburban Street Network	IV-19