

LIST OF TABLES

Table 1-1	Existing 2003 AM/PM Peak Hour Traffic Volumes and Levels of Service	1-2
Table 1-2	2010 and 2025 No-Action AM/PM Peak Hour Traffic Volumes and Levels of Service ..	1-3
Table 2-1	C-470 Corridor EA Goals, Objectives, and Evaluation Criteria.....	2-8
Table 2-2	Assumed Toll Schedule	2-20
Table 2-3	Alternatives Considered But Eliminated	2-26
Table 3-1	Population Change 1990 to 2000	3-2
Table 3-2	Projected Population Growth	3-2
Table 3-3	Year 2000 Age Composition by County and Project Area	3-4
Table 3-4	Year 2000 Project Area and Three-County Race and Ethnicity	3-7
Table 3-5	2000 Housing Unit Data	3-15
Table 3-6	Year 2000 Labor Force and Unemployment Rates	3-17
Table 3-7	Total Earnings by County	3-17
Table 3-8	Per Capita Income by County.....	3-17
Table 3-9	Recreation Resources Within or Adjacent to the Project Area.....	3-25
Table 3-10	Noise Level Evaluation at Chatfield State Park	3-25
Table 3-11	General Purpose Lanes Alternative Affected Right-of-Way Summary	3-29
Table 3-12	Express Lanes Alternative Affected Right-of-Way Summary	3-29
Table 3-13	Existing (2003) Peak Hour Intersection LOS and Delay	3-34
Table 3-14	Existing (2003) Travel Time and Delay	3-36
Table 3-15	Existing (2003) Heavy Vehicle Percentages.....	3-36
Table 3-16	Existing (2003) Santa Fe Drive Intersection Delay and Level of Service	3-40
Table 3-17a	Comparison of 2025 AM Peak Freeway Level of Service	3-44
Table 3-17b	Comparison of 2025 PM Peak Freeway Level of Service.....	3-44
Table 3-18	Duration of Peak Periods in 2025.....	3-44
Table 3-19	Comparison of 2025 Travel Time and Delay	3-45
Table 3-20	Comparison of 2025 Vehicle Miles Traveled and Vehicle Hours Traveled	3-45
Table 3-21a	Santa Fe Drive Interchange Area Comparison of 2025 AM Peak Intersection Delay and Level of Service	3-47
Table 3-21b	Santa Fe Drive Interchange Area Comparison of 2025 PM Peak Intersection Delay and Level of Service	3-47
Table 3-22	Performance Criteria for Determining Effects Caused by Project.....	3-51

Table 3-23a	Interchange and Arterial Intersections with Mitigation Comparison of 2025 AM Peak Delay and Level of Service	3-51
Table 3-23b	Interchange and Arterial Intersections with Mitigation Comparison of 2025 PM Peak Delay and Level of Service	3-51
Table 3-24	Denver Regional Air Quality Status, March 2005.....	3-61
Table 3-25	Projected Daily Vehicle Travel in the C-470 Project Area	3-62
Table 3-26	Modeling Results for Carbon Monoxide.....	3-63
Table 3-27	Modeling Results for Ozone Precursor Emissions	3-63
Table 3-28	Modeling Results for Particulate Matter	3-64
Table 3-29	CDOT Noise Abatement Criteria	3-69
Table 3-30	Existing Measured Loudest-Hour Noise Levels.....	3-70
Table 3-31	NAC B (Residential Type) Impact Summary	3-73
Table 3-32	NAC C (Commercial Type) Impact Summary.....	3-74
Table 3-33	Comparison of Future (2025) Noise Impacts between the Alternatives	3-74
Table 3-34	Summary of the NAC B (Residential Type) Noise Mitigation Analyses	3-76
Table 3-35	Existing Cross Culvert Design Flows	3-86
Table 3-36	Forecasted Flood Elevations	3-91
Table 3-37	Officially Eligible or Listed Historic Properties within the Project Area	3-92
Table 3-38	Effects Determination	3-96
Table 3-39	Geologic Units.....	3-101
Table 3-40	Hazardous Material Sites	3-108
Table 3-41	Effects to Utilities.....	3-121
Table 3-42	Federally Listed Species Potentially Occurring in the Project Area	3-139
Table 3-43	State Listed Threatened and Endangered Species.....	3-143
Table 3-44	Wetland Effects	3-149
Table 3-45	Direct Effects Summary	3-154
Table 3-46	Mitigation Summary	3-158
Table 3-47	Identification of Resources for Cumulative Effects	3-165
Table 3-48	Areas of Analysis For Cumulative Effects	3-166
Table 3-49	Past, Present and Reasonably Foreseeable Future Actions	3-167
Table 4-1	Public Open House Schedule	4-3