

TABLE OF CONTENTS

1.	INTRODUCTION	1-1
2.	REPORT SUMMARY	2-1
3.	PROJECT DESCRIPTION	3-1
4.	ENVIRONMENTAL EVALUATION	4-1
4.1	AESTHETICS	4.1-1
4.2	AIR QUALITY	4.2-1
4.3	BIOLOGICAL RESOURCES	4.3-1
4.4	CULTURAL RESOURCES	4.4-1
4.5	GEOLOGY, SOILS AND SEISMICITY	4.5-1
4.6	HAZARDS AND HAZARDOUS MATERIALS	4.6-1
4.7	HYDROLOGY AND WATER QUALITY	4.7-1
4.8	LAND USE	4.8-1
4.9	NOISE	4.9-1
4.10	POPULATION AND HOUSING	4.10-1
4.11	PUBLIC SERVICES AND RECREATION	4.11-1
4.12	TRANSPORTATION AND CIRCULATION	4.12-1
4.13	UTILITIES AND INFRASTRUCTURE	4.13-1
4.14	GREENHOUSE GAS EMISSIONS	4.14-1
5.	ALTERNATIVES TO THE PROPOSED PROJECT	5-1
6.	CEQA-REQUIRED ASSESSMENT CONCLUSIONS	6-1
7.	REPORT PREPARERS AND REFERENCES	7-1

Appendices

Appendix A – Noise Measurement Data

Appendix B – Level of Service Calculation Sheets

List of Figures

Figure 3-1	Regional Location.....	3-2
Figure 3-2	City Limit and Sphere of Influence.....	3-4
Figure 3-3	Planning Areas.....	3-10
Figure 3-4	Draft 2030 General Plan Land Use Map	3-19
Figure 4.1-1	Major Developed Areas in San Carlos.....	4.1-4
Figure 4.3-1	Vegetation and Habitat Types.....	4.3-9
Figure 4.3-2	Wetlands and Waterbodies	4.3-11
Figure 4.3-3	Known Occurrence of Sensitive Species and Habitat.....	4.3-13
Figure 4.5-1	Soils.....	4.5-7
Figure 4.5.2	Expansive Soils	4.5-10
Figure 4.5-3	Regional Faults and Historical Earthquakes	4.5-13
Figure 4.5-4	San Carlos Area Faults	4.5-17
Figure 4.5-5	Liquefaction.....	4.5-20
Figure 4.5-6	Distribution of Landslides.....	4.5-22
Figure 4.6-1	Hazardous Material Sites.....	4.6-12
Figure 4.6-2	Area at Risk from Wildfires in the Western Foothills.....	4.6-17
Figure 4.7-1	Floodplain	4.7-9
Figure 4.7-2	Dam Inundation Areas	4.7-13
Figure 4.8-1	Existing Land Use.....	4.8-6
Figure 4.9-1	Noise Measurement Locations	4.9-13
Figure 4.9-2	San Carlos Airport Noise Contour Map.....	4.9-18
Figure 4.9-3	2030 Traffic and Railroad Noise level Contours.....	4.9-21
Figure 4.11-1	Public Services	4.11-2
Figure 4.11-2	Parks and Open Space	4.11-22
Figure 4.11-3	Residences More than ½-Mile from a City Park.....	4.11-28
Figure 4.12-1	Existing Roadway Classifications.....	4.12-5
Figure 4.12-2	Existing Public Transportation System.....	4.12-14
Figure 4.12-3	Existing Bicycle and Pedestrian Facilities.....	4.12-17
Figure 4.12-4	Residential Trip Distribution.....	4.12-20

CITY OF SAN CARLOS
DRAFT 2030 GENERAL PLAN EIR
TABLE OF CONTENTS

Figure 4.12-5	Office and Industrial Trip Distribution	4.12-21
Figure 4.12-6	Future Traffic Volumes.....	4.12-22
Figure 4.12-7	Retail Trip Distribution.....	4.12-29
Figure 4.12-8	General Plan Trip Assignment.....	4.12-32
Figure 4.12-9	General Plan Traffic Volumes.....	4.12-34
Figure 5-1	Existing General Plan Alternative.....	5-5
Figure 5-2	Limited Commercial Growth Alternative.....	5-12
Figure 5-3	Maximum Commercial Growth Alternative.....	5-18

List of Tables

Table 2-1	Summary of Impacts and Mitigation Measures	2-5
Table 3-1	Draft 2030 General Plan Land Use Designations.....	3-16
Table 3-2	Housing, Population and Job Growth Under the General Plan	3-22
Table 3-3	Commercial, Office and Industrial Growth Under the General Plan.....	3-23
Table 4.2-1	List of Acronyms.....	4.2-2
Table 4.2-2	State and Federal Ambient Air Quality Standards.....	4.2-6
Table 4.2-3	Highest Measured Air Pollutant Concentrations	4.2-13
Table 4.2-4	Summary of Measured Air Quality Exceedances.....	4.2-14
Table 4.2-5	Relevant Draft 2030 General Plan Goals, Policies and Actions Supporting Clean Air Plan TCMs	4.2-26
Table 4.2-6	Projected 8-Hour Carbon Monoxide Levels	4.2-33
Table 4.3-1	Sensitive Species Found in the City Limit and Sphere of Influence.....	4.3-14
Table 4.5-1	Soil Types and Characteristics.....	4.5-9
Table 4.5-2	Estimated Maximum Parameters Major Known Faults Affecting the City Limit and SOI.....	4.5-15
Table 4.6-1	Primary Databases Searched.....	4.6-9
Table 4.6-2	Sites with Active Environmental Contamination in the City of San Carlos.....	4.6-13
Table 4.8-1	Existing Land Use in San Carlos	4.8-7
Table 4.9-1	Definitions of Acoustical Terms	4.9-3
Table 4.9-2	Typical Sound Levels.....	4.9-4
Table 4.9-3	Reaction of People and Damage to Buildings from Continuous Vibration Levels	4.9-5
Table 4.9-4	Daily Noise Measurements at Selected Locations in San Carlos.....	4.9-14
Table 4.9-5	Short-Term Noise Measurements at Selected Locations in San Carlos, March 13, 2009	4.9-16

CITY OF SAN CARLOS
DRAFT 2030 GENERAL PLAN EIR
 TABLE OF CONTENTS

Table 4.9-6	Existing and Future Noise Along Local Roads.....	4.9-23
Table 4.10-1	Draft 2030 General Plan Buildout.....	4.10-10
Table 4.11-1	Kindergarten – 4 th Grade 2008-09 San Carlos School District.....	4.11-11
Table 4.11-2	5 th – 8 th Grade 2008-09 San Carlos School District.....	4.11-11
Table 4.11-3	SUHSD San Carlos High Schools, Enrollment 2008-09.....	4.11-13
Table 4.11-4	San Carlos City Parks	4.11-23
Table 4.12-1	Level of Service Definitions Based on V/C Ratio.....	4.12-10
Table 4.12-2	Existing Peak Hour Intersection Levels of Service	4.12-12
Table 4.12-3	Existing Freeway Levels of Service	4.12-13
Table 4.12-4	Approved Projects List as of March 2009	4.12-23
Table 4.12-5	Future Intersection Levels of Service	4.12-25
Table 4.12-6	Draft 2030 General Plan Buildout Projections	4.12-30
Table 4.12-7	Total Number of Draft 2030 General Plan Trips at Study Intersections*	4.12-33
Table 4.12-8	Draft 2030 General Plan Trip Generation Estimates – Before Trip Reductions.....	4.12-36
Table 4.12-9	Draft 2030 General Plan Trip Generation Estimates – After Trip Reductions.....	4.12-40
Table 4.12-10	Summary of Trip Generation Estimates Without and With Trip Reductions	4.12-43
Table 4.12-11	Freeway Levels of Service	4.12-48
Table 4.14-1	San Carlos Greenhouse Gas Emissions Inventory, 2005	4.14-15
Table 4.14-2	Summary of CAP Measures and State Programs	4.14-20
Table 4.14-3	Summary of CAP Energy Use Reduction Measures	4.14-21
Table 4.14-4	Summary of CAP Transportation and Land Use Reduction Measures	4.14-23
Table 4.14-5	Summary of CAP Solid Waste Reduction Measures	4.14-25
Table 4.14-6	San Carlos Greenhouse Gas Emissions Inventory, 2020 and 2030	4.14-28

CITY OF SAN CARLOS
DRAFT 2030 GENERAL PLAN EIR
TABLE OF CONTENTS

Table 5-1	Project Alternatives Summary	5-2
Table 5-2	Comparison of Project Alternatives.....	5-4