

Table of Contents

Contents	Page
1. EXECUTIVE SUMMARY	1-1
1.1 INTRODUCTION.....	1-1
1.2 ENVIRONMENTAL PROCEDURES.....	1-1
1.2.1 EIR Format.....	1-2
1.3 PROJECT LOCATION	1-4
1.4 PROJECT SUMMARY	1-5
1.5 SUMMARY OF PROJECT ALTERNATIVES.....	1-6
1.5.1 No Project/No Build Alternative	1-7
1.5.2 No Project/Existing General Plan Alternative	1-7
1.5.3 Reduced Intensity Alternative.....	1-8
1.6 ISSUES TO BE RESOLVED.....	1-8
1.7 AREAS OF CONTROVERSY.....	1-8
1.8 SUMMARY OF ENVIRONMENTAL IMPACTS, MITIGATION MEASURES, AND LEVELS OF SIGNIFICANCE AFTER MITIGATION.....	1-9
2. INTRODUCTION.....	2-1
2.1 PURPOSE OF THE ENVIRONMENTAL IMPACT REPORT	2-1
2.2 NOTICE OF PREPARATION AND INITIAL STUDY	2-2
2.3 SCOPE OF THIS DEIR	2-4
2.3.1 Impacts Considered Less Than Significant.....	2-4
2.3.2 Potentially Significant Adverse Impacts	2-4
2.3.3 Unavoidable Significant Adverse Impacts.....	2-5
2.4 INCORPORATION BY REFERENCE.....	2-5
2.5 FINAL EIR CERTIFICATION.....	2-6
2.6 MITIGATION MONITORING	2-6
3. PROJECT DESCRIPTION	3-1
3.1 PROJECT LOCATION	3-1
3.2 PROJECT BACKGROUND	3-1
3.3 STATEMENT OF OBJECTIVES.....	3-1
3.4 PROJECT CHARACTERISTICS	3-2
3.4.1 Description of the Project	3-2
3.4.2 Phasing.....	3-39
3.4.3 Plans, Programs, and Policies; and Project Design Features	3-45
3.5 INTENDED USES OF THE EIR.....	3-45
4. ENVIRONMENTAL SETTING	4-1
4.1 INTRODUCTION.....	4-1
4.2 REGIONAL ENVIRONMENTAL SETTING.....	4-1
4.2.1 Regional Location.....	4-1
4.2.2 Regional Planning Considerations.....	4-1
4.3 LOCAL ENVIRONMENTAL SETTING	4-4
4.3.1 Location and Land Use	4-4
4.3.2 Agricultural Resources.....	4-7
4.3.3 Air Quality and Climate.....	4-7
4.3.4 Biological Resources	4-8
4.3.5 Cultural Resources.....	4-8
4.3.6 Energy.....	4-11
4.3.7 Geology and Landform.....	4-11
4.3.8 Greenhouse Gas	4-12
4.3.9 Hazards and Hazardous Materials.....	4-12
4.3.10 Hydrology and Water Quality.....	4-13
4.3.11 Noise	4-13

Table of Contents

Contents	Page
4.3.12 Public Services, Utilities and Service Systems	4-13
4.3.13 Transportation	4-14
4.4 ASSUMPTIONS REGARDING CUMULATIVE IMPACTS.....	4-15
4.4.1 Related Projects	4-19
4.5 REFERENCES.....	4-25
5. ENVIRONMENTAL ANALYSIS	5-1
5.1 AGRICULTURE AND FORESTRY RESOURCES.....	5.1-1
5.1.1 Environmental Setting.....	5.1-1
5.1.2 Thresholds of Significance	5.1-8
5.1.3 Plans, Programs, and Policies.....	5.1-9
5.1.4 Environmental Impacts	5.1-9
5.1.5 Cumulative Impacts.....	5.1-11
5.1.6 Level of Significance Before Mitigation.....	5.1-12
5.1.7 Mitigation Measures	5.1-12
5.1.8 Level of Significance After Mitigation	5.1-15
5.1.9 References	5.1-16
5.2 AIR QUALITY.....	5.2-1
5.2.1 Environmental Setting.....	5.2-1
5.2.2 Thresholds of Significance	5.2-18
5.2.3 Plans, Programs, and Policies.....	5.2-25
5.2.4 Environmental Impacts	5.2-27
5.2.5 Cumulative Impacts.....	5.2-45
5.2.6 Level of Significance Before Mitigation.....	5.2-46
5.2.7 Mitigation Measures	5.2-46
5.2.8 Level of Significance After Mitigation	5.2-50
5.2.9 References	5.2-53
5.3 BIOLOGICAL RESOURCES.....	5.3-1
5.3.1 Environmental Setting.....	5.3-1
5.3.2 Thresholds of Significance	5.3-14
5.3.3 Plans, Programs, and Policies.....	5.3-15
5.3.4 Environmental Impacts	5.3-15
5.3.5 Cumulative Impacts.....	5.3-21
5.3.6 Level of Significance Before Mitigation.....	5.3-22
5.3.7 Mitigation Measures	5.3-22
5.3.8 Level of Significance After Mitigation	5.3-26
5.3.9 References	5.3-27
5.4 CULTURAL RESOURCES	5.4-1
5.4.1 Environmental Setting.....	5.4-1
5.4.2 Thresholds of Significance	5.4-11
5.4.3 Plans, Programs, and Policies.....	5.4-12
5.4.4 Environmental Impacts	5.4-13
5.4.5 Cumulative Impacts.....	5.4-15
5.4.6 Level of Significance Before Mitigation.....	5.4-15
5.4.7 Mitigation Measures	5.4-15
5.4.8 Level of Significance After Mitigation	5.4-16
5.4.9 References	5.4-16
5.5 ENERGY.....	5.5-1
5.5.1 Environmental Setting.....	5.5-1
5.5.2 Thresholds of Significance	5.5-5
5.5.3 Plans, Programs, and Policies.....	5.5-6
5.5.4 Environmental Impacts	5.5-7

Table of Contents

Contents	Page
5.5.5	Cumulative Impacts..... 5.5-13
5.5.6	Level of Significance Before Mitigation..... 5.5-14
5.5.7	Mitigation Measures..... 5.5-14
5.5.8	Level of Significance After Mitigation 5.5-14
5.5.9	References 5.5-14
5.6	GEOLOGY AND SOILS..... 5.6-1
5.6.1	Environmental Setting..... 5.6-1
5.6.2	Thresholds of Significance 5.6-8
5.6.3	Plans, Programs, and Policies..... 5.6-9
5.6.4	Environmental Impacts 5.6-9
5.6.5	Cumulative Impacts..... 5.6-13
5.6.6	Level of Significance Before Mitigation..... 5.6-13
5.6.7	Mitigation Measures..... 5.6-14
5.6.8	Level of Significance After Mitigation 5.6-14
5.6.9	References 5.6-14
5.7	GREENHOUSE GAS EMISSIONS 5.7-1
5.7.1	Environmental Setting..... 5.7-1
5.7.2	Thresholds of Significance 5.7-20
5.7.3	Plans, Programs, and Policies..... 5.7-23
5.7.4	Environmental Impacts 5.7-25
5.7.5	Cumulative Impacts..... 5.7-41
5.7.6	Level of Significance Before Mitigation..... 5.7-41
5.7.7	Mitigation Measures..... 5.7-41
5.7.8	Level of Significance After Mitigation 5.7-43
5.7.9	References 5.7-44
5.8	HAZARDS AND HAZARDOUS MATERIALS 5.8-1
5.8.1	Environmental Setting..... 5.8-1
5.8.2	Thresholds of Significance 5.8-10
5.8.3	Plans, Programs, and Policies..... 5.8-11
5.8.4	Environmental Impacts 5.8-13
5.8.5	Cumulative Impacts..... 5.8-16
5.8.6	Level of Significance Before Mitigation..... 5.8-17
5.8.7	Mitigation Measures..... 5.8-17
5.8.8	Level of Significance After Mitigation 5.8-20
5.8.9	References 5.8-20
5.9	HYDROLOGY AND WATER QUALITY 5.9-1
5.9.1	Environmental Setting..... 5.9-1
5.9.2	Thresholds of Significance 5.9-9
5.9.3	Plans, Programs, and Policies..... 5.9-10
5.9.4	Environmental Impacts 5.9-11
5.9.5	Cumulative Impacts..... 5.9-20
5.9.6	Level of Significance Before Mitigation..... 5.9-21
5.9.7	Mitigation Measures..... 5.9-21
5.9.8	Level of Significance After Mitigation 5.9-21
5.9.9	References 5.9-21
5.10	LAND USE AND PLANNING..... 5.10-1
5.10.1	Environmental Setting..... 5.10-1
5.10.2	Thresholds of Significance 5.10-3
5.10.3	Environmental Impacts 5.10-4
5.10.4	Cumulative Impacts..... 5.10-23
5.10.5	Level of Significance Before Mitigation..... 5.10-24
5.10.6	Mitigation Measures..... 5.10-24

Table of Contents

Contents	Page
5.10.7	Level of Significance After Mitigation 5.10-24
5.10.8	References 5.10-24
5.11	NOISE 5.11-1
5.11.1	Environmental Setting 5.11-1
5.11.2	Thresholds of Significance 5.11-14
5.11.3	Plans, Programs, and Policies 5.11-16
5.11.4	Cumulative Impacts 5.11-28
5.11.5	Level of Significance Before Mitigation 5.11-29
5.11.6	Mitigation Measures 5.11-29
5.11.7	Level of Significance After Mitigation 5.11-30
5.11.8	References 5.11-31
5.12	POPULATION AND HOUSING 5.12-1
5.12.1	Environmental Setting 5.12-1
5.12.2	Thresholds of Significance 5.12-9
5.12.3	Plans, Policies, and Programs 5.12-10
5.12.4	Environmental Impacts 5.12-10
5.12.5	Cumulative Impacts 5.12-13
5.12.6	Level of Significance Before Mitigation 5.12-13
5.12.7	Mitigation Measures 5.12-14
5.12.8	Level of Significance After Mitigation 5.12-14
5.12.9	References 5.12-14
5.13	PUBLIC SERVICES 5.13-1
5.13.1	Fire Protection and Emergency Services 5.13-1
5.13.2	Police Protection 5.13-7
5.13.3	References 5.13-10
5.14	TRANSPORTATION 5.14-1
5.14.1	Environmental Setting 5.14-1
5.14.2	Thresholds of Significance 5.14-19
5.14.3	Plans, Programs, and Policies 5.14-22
5.14.4	Project Design Features 5.14-22
5.14.5	Environmental Impacts 5.14-26
5.14.6	Cumulative Impacts 5.14-56
5.14.7	Level of Significance Before Mitigation 5.14-56
5.14.8	Mitigation Measures 5.14-57
5.14.9	Level of Significance After Mitigation 5.14-64
5.14.10	References 5.14-72
5.15	TRIBAL CULTURAL RESOURCES 5.15-1
5.15.1	Environmental Setting 5.15-1
5.15.2	Thresholds of Significance 5.15-6
5.15.3	Plans, Programs, and Policies 5.15-6
5.15.4	Environmental Impacts 5.15-6
5.15.5	Cumulative Impacts 5.15-9
5.15.6	Level of Significance Before Mitigation 5.15-9
5.15.7	Mitigation Measures 5.15-10
5.15.8	Level of Significance After Mitigation 5.15-10
5.15.9	References 5.15-10
5.16	UTILITIES AND SERVICE SYSTEMS 5.16-1
5.16.1	Wastewater Treatment and Collection 5.16-1
5.16.2	Water Supply and Distribution Systems 5.16-8
5.16.3	Storm Drainage System 5.16-18
5.16.4	Solid Waste 5.16-23

Table of Contents

Contents	Page
5.16.5 Other Utilities	5.16-30
5.16.6 References	5.16-35
6. SIGNIFICANT UNAVOIDABLE ADVERSE IMPACTS	6-1
7. ALTERNATIVES TO THE PROPOSED PROJECT	7-1
7.1 INTRODUCTION.....	7-1
7.1.1 Purpose and Scope.....	7-1
7.1.2 Project Objectives	7-2
7.2 ALTERNATIVES CONSIDERED AND REJECTED DURING THE SCOPING/PROJECT PLANNING PROCESS.....	7-3
7.2.1 Alternative Development Areas	7-3
7.3 ALTERNATIVES SELECTED FOR FURTHER ANALYSIS	7-3
7.4 NO PROJECT/NO BUILD ALTERNATIVE.....	7-4
7.4.1 Agriculture and Forestry Resources.....	7-4
7.4.2 Air Quality	7-4
7.4.3 Biological Impacts.....	7-4
7.4.4 Cultural Resources.....	7-5
7.4.5 Energy.....	7-5
7.4.6 Geology and Soils.....	7-5
7.4.7 Greenhouse Gas Emissions.....	7-5
7.4.8 Hazards and Hazardous Materials.....	7-6
7.4.9 Hydrology and Water Quality.....	7-6
7.4.10 Land Use and Planning.....	7-6
7.4.11 Noise.....	7-6
7.4.12 Population and Housing.....	7-7
7.4.13 Public Services	7-7
7.4.14 Transportation	7-7
7.4.15 Tribal Cultural Resources	7-7
7.4.16 Utilities and Service Systems.....	7-7
7.4.17 Conclusion.....	7-8
7.5 NO PROJECT/EXISTING GENERAL PLAN ALTERNATIVE	7-8
7.5.1 Agriculture and Forestry Resources.....	7-9
7.5.2 Air Quality	7-9
7.5.3 Biological Impacts.....	7-9
7.5.4 Cultural Resources.....	7-9
7.5.5 Energy.....	7-9
7.5.6 Geology and Soils.....	7-10
7.5.7 Greenhouse Gas Emissions.....	7-10
7.5.8 Hazards and Hazardous Materials.....	7-10
7.5.9 Hydrology and Water Quality.....	7-10
7.5.10 Land Use and Planning.....	7-11
7.5.11 Noise.....	7-11
7.5.12 Population and Housing.....	7-11
7.5.13 Public Services	7-11
7.5.14 Transportation	7-11
7.5.15 Tribal Cultural Resources	7-12
7.5.16 Utilities and Service Systems.....	7-12
7.5.17 Conclusion.....	7-12
7.6 REDUCED INTENSITY ALTERNATIVE	7-13
7.6.1 Agriculture and Forestry Resources.....	7-13
7.6.2 Air Quality	7-13
7.6.3 Biological Impacts.....	7-13

Table of Contents

Contents	Page
7.6.4 Cultural Resources.....	7-14
7.6.5 Energy.....	7-14
7.6.6 Geology and Soils.....	7-14
7.6.7 Greenhouse Gas Emissions.....	7-14
7.6.8 Hazards and Hazardous Materials.....	7-15
7.6.9 Hydrology and Water Quality.....	7-15
7.6.10 Land Use and Planning.....	7-15
7.6.11 Noise.....	7-15
7.6.12 Population and Housing.....	7-16
7.6.13 Public Services.....	7-16
7.6.14 Transportation.....	7-16
7.6.15 Tribal Cultural Resources.....	7-16
7.6.16 Utilities and Service Systems.....	7-17
7.6.17 Conclusion.....	7-17
7.7 ENVIRONMENTALLY SUPERIOR ALTERNATIVE.....	7-18
8. IMPACTS FOUND NOT TO BE SIGNIFICANT.....	8-1
8.1 ASSESSMENT IN THE INITIAL STUDY.....	8-1
9. SIGNIFICANT IRREVERSIBLE CHANGES DUE TO THE PROPOSED PROJECT.....	9-1
10. GROWTH-INDUCING IMPACTS OF THE PROPOSED PROJECT.....	10-1
11. ORGANIZATIONS AND PERSONS CONSULTED.....	11-1
11.1 LEAD AGENCY.....	11-1
11.2 CONSULTANTS TO THE CITY.....	11-1
11.3 PROJECT APPLICANT AND CONSULTANTS.....	11-2
12. QUALIFICATIONS OF PERSONS PREPARING EIR.....	12-1
PLACEWORKS.....	12-1
13. BIBLIOGRAPHY.....	13-1

Table of Contents

Contents	Page
----------	------

APPENDICES (PROVIDED ON ATTACHED CD)

Appendix A	Notice of Preparation (NOP) and Initial Study
Appendix B	NOP Comments
Appendix C	Air Quality Modeling and Reports
Appendix D	Biological Resources Reports
Appendix E	Cultural Resources Reports
Appendix F	Energy Modeling Data
Appendix G	Geotechnical Reports
Appendix H	Hazardous Materials Reports
Appendix I	Hydrology Reports
Appendix J	Noise and Vibration Modeling Data
Appendix K	Public Services Correspondence
Appendix L	Transportation
Appendix M	Water Supply Assessment
Appendix N	Infrastructure Estimate

Table of Contents

Figure		Page
Figure 3-1	Regional Location.....	3-3
Figure 3-2	Local Vicinity.....	3-5
Figure 3-3	Aerial Photograph	3-7
Figure 3-4	Land Use Plan	3-11
Figure 3-5	Circulation Plan.....	3-13
Figure 3-6	Bicycle and Pedestrian Plan	3-17
Figure 3-7a	Potable Water Plan.....	3-19
Figure 3-7b	Potable Water Plan.....	3-21
Figure 3-8	Recycled Water Plan.....	3-25
Figure 3-9	Sewer Plan.....	3-27
Figure 3-10	Storm Drain Plan.....	3-29
Figure 3-11	Conceptual Grading Plan	3-33
Figure 3-12	Fiber Optic Plan	3-35
Figure 3-13	Conceptual Site Plan	3-41
Figure 3-14	Conceptual Phasing Plan.....	3-43
Figure 4-1	Surrounding Land Use Map.....	4-5
Figure 4-2	Existing Land Use and Zoning	4-9
Figure 4-3	Related Projects.....	4-23
Figure 5.2-1	Project Site and Off-Site Sensitive Receptors.....	5.2-19
Figure 5.9-1	Preliminary Water Quality Management Plan.....	5.9-15
Figure 5.11-1	Approximate Noise Monitoring Locations	5.11-11
Figure 5.14-1	Location Map	5.14-7
Figure 5.14-2	Existing (2019) Summary of LOS.....	5.14-17
Figure 5.14-3	Existing + Project Summary of LOS.....	5.14-35
Figure 5.14-4	Opening Year Cumulative (2022) With Project Summary of LOS.....	5.14-43
Figure 5.14-5	Horizon Year (2040) with Project Summary of LOS.....	5.14-51

Table of Contents

Table		Page
Table 1-1	Maximum Specific Plan Buildout-Out.....	1-6
Table 1-2	Development Plan Review Building Summary.....	1-6
Table 1-3	Summary of Environmental Impacts, Mitigation Measures and Levels of Significance After Mitigation	1-11
Table 2-1	NOP Written Comments Summary	2-2
Table 3-1	Maximum Specific Plan Buildout-Out.....	3-10
Table 3-2	Development Plan Review Building Summary.....	3-38
Table 3-3	Construction Activities, Phasing and Equipment	3-39
Table 4-1	Public Service and Utility Providers	4-14
Table 4-2	Ontario General Plan Buildout Capacities	4-15
Table 4-3	Related Approved and Pending Projects.....	4-19
Table 5.1-1	San Bernardino County 2010 – 2012 Land Use Conversion	5.1-5
Table 5.1-2	San Bernardino County Top Ten Agricultural Products (by dollar value)	5.1-6
Table 5.2-1	Ambient Air Quality Standards for Criteria Pollutants	5.2-2
Table 5.2-2	Criteria Air Pollutant Health Effects Summary.....	5.2-9
Table 5.2-3	Attainment Status of Criteria Pollutants in the South Coast Air Basin.....	5.2-14
Table 5.2-4	Ambient Air Quality Monitoring Summary	5.2-16
Table 5.2-5	SCAQMD Significance Thresholds.....	5.2-21
Table 5.2-6	SCAQMD Localized Significance Thresholds	5.2-24
Table 5.2-7	SCAQMD Screening-Level Localized Significance Thresholds.....	5.2-24
Table 5.2-8	SCAQMD Toxic Air Contaminants Incremental Risk Thresholds	5.2-25
Table 5.2-9	Construction Activities, Phasing and Equipment	5.2-28
Table 5.2-10	Maximum Daily Regional Construction Emissions.....	5.2-31
Table 5.2-11	Maximum Daily Regional Operational Phase Emissions	5.2-32
Table 5.2-12	Potential Overlap of Construction and Operational Activities	5.2-33
Table 5.2-13	Maximum Daily Onsite Construction Emissions Compared to the Localized Significance Thresholds	5.2-34
Table 5.2-14	Construction Risk Summary	5.2-37
Table 5.2-15	Localized Onsite Operational Emissions	5.2-38
Table 5.2-16	Operational HRA Results	5.2-39
Table 5.2-17	Combined Construction and Operational HRA	5.2-40
Table 5.2-18	Maximum Daily Regional Construction Emissions With Mitigation	5.2-50
Table 5.2-19	Maximum Daily Regional Operational Phase Emissions With Mitigation.....	5.2-51
Table 5.2-20	Combined Construction and Operational HRA With Mitigation.....	5.2-52
Table 5.3-1	Plant Species with the Potential to Occur on the Project Site.....	5.3-6

Table of Contents

Table	Page
Table 5.4-1	Potentially Historical Structures Analyzed within Project Area 5.4-7
Table 5.5-1	Construction-Related Fuel Usage 5.5-9
Table 5.5-2	Electricity Consumption..... 5.5-10
Table 5.5-3	Natural Gas Consumption..... 5.5-11
Table 5.5-4	Operation-Related Fuel Usage 5.5-12
Table 5.5-5	Consistency with the Ontario Policy Plan..... 5.5-13
Table 5.7-1	GHG Emissions and Their Relative Global Warming Potential Compared to CO ₂ 5.7-3
Table 5.7-2	Summary of GHG Emissions Risks to California 5.7-6
Table 5.7-3	2017 Climate Change Scoping Plan Emissions Reductions Gap 5.7-11
Table 5.7-4	2017 Climate Change Scoping Plan Emissions Change by Sector..... 5.7-11
Table 5.7-5	Existing Operations GHG Emissions Inventory 5.7-20
Table 5.7-6	Operational Phase GHG Emissions 5.7-28
Table 5.7-7	Proposed Project Consistency with SCAG’s 2016-2040 RTP/SCS 5.7-32
Table 5.7-8	Consistency with the Community Climate Action Plan..... 5.7-34
Table 5.7-9	Operational Phase GHG Emissions With Mitigation..... 5.7-43
Table 5.9-1	Ontario Policy Plan Goals and Policies Relevant to Hydrology and Water Quality..... 5.9-6
Table 5.9-2	Construction BMPs..... 5.9-12
Table 5.9-3	Proposed Peak Drainage Flow Rates from a 25-Year and 100-Year Storm..... 5.9-18
Table 5.10-1	Existing TOP Land Use Designations..... 5.10-2
Table 5.10-2	Consistency with SCAG’s 2016–2040 RTP/SCS Goals..... 5.10-5
Table 5.10-3	Consistency with the City of Ontario General Plan (TOP) 5.10-8
Table 5.11-1	Typical Noise Levels 5.11-4
Table 5.11-2	Human Reaction to Typical Vibration Levels 5.11-5
Table 5.11-3	Noise Level Exposure and Land Use Compatibility Guidelines 5.11-7
Table 5.11-4	Exterior Noise Standards – City of Ontario 5.11-8
Table 5.11-5	Exterior Noise Standards – City of Chino 5.11-9
Table 5.11-6	Long-Term Noise Measurements Summary in A-weighted Sound Levels..... 5.11-14
Table 5.11-7	Short-Term Noise Measurements Summary in A-weighted Sound Levels 5.11-14
Table 5.11-8	Ground borne Vibration Criteria: Architectural Damage 5.11-16
Table 5.11-9	Project-Related Construction Noise, dBA L _{eq} 5.11-19
Table 5.11-10	Traffic Noise Levels for Existing and Project Buildout Conditions..... 5.11-21
Table 5.11-11	Warehouse-Related Truck Loading Noise 5.11-26
Table 5.11-12	Vibration Levels for Typical Construction Equipment 5.11-27
Table 5.11-13	Vibration Annoyance Levels for Typical Construction Equipment..... 5.11-27

Table of Contents

Table	Page
Table 5.12-1	Population Trends in the City of Ontario and County of San Bernardino 5.12-6
Table 5.12-2	SCAG Projections – City of Ontario and County of San Bernardino 5.12-6
Table 5.12-3	Housing Units – City of Ontario and San Bernardino County 5.12-7
Table 5.12-4	Employment by Industrial Sector – City of Ontario (2017) 5.12-8
Table 5.12-5	Jobs-Housing Balance..... 5.12-9
Table 5.12-6	Project Generated Employment 5.12-11
Table 5.12-7	Projected Jobs-Housing Balance..... 5.12-13
Table 5.13-1	Fire Stations..... 5.13-3
Table 5.13-2	OFD Response Times 5.13-4
Table 5.14-1	Intersection Analysis Locations 5.14-5
Table 5.14-2	Freeway Facility Analysis Locations 5.14-6
Table 5.14-3	Intersection Level of Service Criteria..... 5.14-10
Table 5.14-4	Description of Freeway Mainline Level of Service..... 5.14-12
Table 5.14-5	Description of Freeway Mainline Level of Service..... 5.14-12
Table 5.14-6	Existing Intersection Delay and Level of Service 5.14-14
Table 5.14-7	Existing Daily Roadway Capacity Analysis 5.14-16
Table 5.14-8	Project Trip Generation Summary (Actual)..... 5.14-26
Table 5.14-9	Project Trip Generation Summary (PCE)..... 5.14-27
Table 5.14-10	Existing Intersection Delay and Level of Service 5.14-32
Table 5.14-11	Existing Freeway Facility Analysis..... 5.14-34
Table 5.14-12	Opening Year Cumulative (2022) Intersection Delay and Level of Service..... 5.14-38
Table 5.14-13	Opening Year Cumulative (2022) Freeway Capacity Analysis..... 5.14-41
Table 5.14-14	Horizon Year (2040) Intersection Delay and Level of Service..... 5.14-46
Table 5.14-15	Horizon Year (2040) Freeway Capacity Analysis..... 5.14-49
Table 5.14-16	Project VMT..... 5.14-54
Table 5.14-17	Project Automobile VMT/SP 5.14-54
Table 5.14-18	Citywide Automobile VMT/SP 5.14-54
Table 5.14-19	Evaluation of Applicable TDM Strategies 5.14-63
Table 5.16-1	Ontario Policy Plan Goals and Policies Relevant to Wastewater Utilities..... 5.16-3
Table 5.16-2	Ontario Policy Plan Goals and Policies Relevant to Water Utilities..... 5.16-11
Table 5.16-3	Water Supply Sources for the City of Ontario in 2015 5.16-12
Table 5.16-4	Water Demand Estimate for the Proposed Project..... 5.16-16
Table 5.16-5	Water Demand Estimate for the Project Site Based on Land Use in 2015 UWMP..... 5.16-17
Table 5.16-6	Ontario Policy Plan Goals and Policies Relevant to Stormwater Drainage 5.16-20
Table 5.16-7	Ontario Policy Plan = Goals and Policies Relevant to Water Utilities..... 5.16-26

Table of Contents

Table		Page
Table 5.16-8	Landfills Serving Ontario	5.16-26
Table 5.16-9	Estimated Demolition Debris	5.16-28
Table 5.16-10	Estimated Solid Waste Generation.....	5.16-28
Table 5.16-11	Ontario Policy Plan Goals and Policies Relevant to Energy.....	5.16-32
Table 8-1	Impacts Found Not to Be Significant.....	8-1

Abbreviations and Acronyms

ABBREVIATIONS AND ACRONYMS

AAQS	ambient air quality standards
AB	Assembly Bill
ACM	asbestos-containing materials
ADT	average daily traffic
amsl	above mean sea level
AQMP	air quality management plan
AST	aboveground storage tank
BAU	business as usual
bgs	below ground surface
BMP	best management practices
CAA	Clean Air Act
CAFE	corporate average fuel economy
CalARP	California Accidental Release Prevention Program
CalEMA	California Emergency Management Agency
Cal/EPA	California Environmental Protection Agency
CAL FIRE	California Department of Forestry and Fire Protection
CALGreen	California Green Building Standards Code
Cal/OSHA	California Occupational Safety and Health Administration
CalRecycle	California Department of Resources, Recycling, and Recovery
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CBC	California Building Code
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDE	California Department of Education
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
cfs	cubic feet per second
CGS	California Geologic Survey
CMP	congestion management program

Abbreviations and Acronyms

CNDDDB	California Natural Diversity Database
CNEL	community noise equivalent level
CO	carbon monoxide
CO ₂ e	carbon dioxide equivalent
Corps	US Army Corps of Engineers
CSO	combined sewer overflows
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
dB	decibel
dba	A-weighted decibel
DPM	diesel particulate matter
DTSC	Department of Toxic Substances Control
EIR	environmental impact report
EPA	United States Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
GHG	greenhouse gases
GWP	global warming potential
HCM	Highway Capacity Manual
HQTA	high quality transit area
HVAC	heating, ventilating, and air conditioning system
IPCC	Intergovernmental Panel on Climate Change
L _{dn}	day-night noise level
L _{eq}	equivalent continuous noise level
LBP	lead-based paint
LCFS	low-carbon fuel standard
LOS	level of service
LST	localized significance thresholds
M _w	moment magnitude
MCL	maximum contaminant level
MEP	maximum extent practicable

Abbreviations and Acronyms

mgd	million gallons per day
MMT	million metric tons
MPO	metropolitan planning organization
MT	metric ton
MWD	Metropolitan Water District of Southern California
NAHC	Native American Heritage Commission
NO _x	nitrogen oxides
NPDES	National Pollution Discharge Elimination System
O ₃	ozone
OES	California Office of Emergency Services
PM	particulate matter
POTW	publicly owned treatment works
ppm	parts per million
PPV	peak particle velocity
RCRA	Resource Conservation and Recovery Act
REC	recognized environmental condition
RMP	risk management plan
RMS	root mean square
RPS	renewable portfolio standard
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SIP	state implementation plan
SLM	sound level meter
SoCAB	South Coast Air Basin
SO _x	sulfur oxides
SQMP	stormwater quality management plan
SRA	source receptor area [or state responsibility area]
SUSMP	standard urban stormwater mitigation plan
SWP	State Water Project
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board

Abbreviations and Acronyms

TAC	toxic air contaminants
TNM	transportation noise model
tpd	tons per day
TRI	toxic release inventory
TTCP	traditional tribal cultural places
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	underground storage tank
UWMP	urban water management plan
V/C	volume-to-capacity ratio
VdB	velocity decibels
VHFHSZ	very high fire hazard severity zone
VMT	vehicle miles traveled
VOC	volatile organic compound
WQMP	water quality management plan
WSA	water supply assessment