

Table of Contents

Contents	Page
1. EXECUTIVE SUMMARY	1-1
1.1 INTRODUCTION	1-1
1.2 PROJECT LOCATION	1-2
1.2.1 Off-Site Parking: Spring Street Parking Structure Site (Option 1)	1-2
1.2.2 Off-Site Parking: Vignes Lot (Option 2).....	1-2
1.3 PROJECT SUMMARY	1-3
1.3.1 Project Facilities and Operations.....	1-4
1.3.2 Inmate Visitation	1-7
1.3.3 CCTF Staffing.....	1-8
1.3.4 Parking.....	1-8
1.4 SUMMARY OF PROJECT ALTERNATIVES	1-9
1.4.1 Alternatives Selected for Further Analysis.....	1-9
1.4.2 Alternatives Considered and Rejected During the Scoping/Project Planning Process.....	1-11
1.5 ISSUES TO BE RESOLVED	1-13
1.6 AREAS OF CONTROVERSY	1-13
1.7 SUMMARY OF ENVIRONMENTAL IMPACTS, PROJECT DESIGN FEATURES, REGULATORY REQUIREMENTS, MITIGATION MEASURES, AND LEVELS OF SIGNIFICANCE AFTER MITIGATION	1-14
2. INTRODUCTION.....	2-1
2.1 PURPOSE OF THE ENVIRONMENTAL IMPACT REPORT.....	2-1
2.1.1 California Environmental Quality Act Compliance.....	2-1
2.1.2 Lead Agency and Responsible Agencies	2-1
2.2 ENVIRONMENTAL PROCEDURES	2-2
2.2.1 EIR Format	2-2
2.2.2 Environmental Analysis	2-6
2.2.3 Type and Purpose of This EIR	2-9
2.3 SCOPING PROCESS	2-9
2.4 SCOPE OF THIS EIR.....	2-12
2.4.1 Potentially Significant Adverse Impacts	2-12
2.4.2 Unavoidable Significant Adverse Impacts	2-12
2.5 PUBLIC REVIEW OF THE DRAFT EIR/FINAL EIR	2-13
2.6 PROJECT SPONSOR AND CONTACT PERSON	2-14
2.7 MITIGATION MONITORING.....	2-14
3. PROJECT DESCRIPTION.....	3-1
3.1 PROJECT BACKGROUND	3-1
3.1.1 Jail Plan Report and Assembly Bill 900.....	3-2
3.1.2 Public Safety Realignment Initiative.....	3-5
3.1.3 Diversion and the County's Office of Diversion and Reentry	3-6
3.1.4 Assembly Bill 1468 Report (2015).....	3-7
3.1.5 Civil Litigation Regarding the County Jails.....	3-7
3.2 PROJECT LOCATION	3-8
3.2.1 Off-site Parking: Spring Street Parking Structure Site (Option 1).....	3-13
3.2.2 Off-site Parking: Vignes Lot (Option 2)	3-13
3.3 STATEMENT OF OBJECTIVES	3-13
3.4 PROJECT CHARACTERISTICS.....	3-15
3.4.1 Description of the Project.....	3-15
3.4.2 Construction Phasing	3-33
3.4.3 Design-Build Process.....	3-33
3.4.4 Green Building and Sustainability Features	3-35

Table of Contents

Contents	Page
3.5 INTENDED USES OF THE EIR	3-36
3.6 REFERENCES.....	3-37
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 Surrounding Land Uses.....	4-7
4.3.3 Public Services and Utilities	4-11
4.4 CUMULATIVE IMPACTS	4-11
4.5 REFERENCES.....	4-15
5. ENVIRONMENTAL ANALYSIS	5-1
5.1 AESTHETICS	5.1-1
5.1.1 Environmental Setting.....	5.1-1
5.1.2 Thresholds of Significance.....	5.1-11
5.1.3 Plans, Programs, and Policies	5.1-11
5.1.4 Environmental Impacts.....	5.1-12
5.1.5 Cumulative Impacts	5.1-37
5.1.6 Level of Significance Before Mitigation	5.1-37
5.1.7 Mitigation Measures.....	5.1-38
5.1.8 Level of Significance After Mitigation	5.1-38
5.1.9 References.....	5.1-38
5.2 AIR QUALITY	5.2-1
5.2.1 Environmental Setting.....	5.2-1
5.2.2 Thresholds of Significance.....	5.2-14
5.2.3 Plans, Programs, and Policies	5.2-19
5.2.4 Environmental Impacts.....	5.2-21
5.2.5 Cumulative Impacts	5.2-40
5.2.6 Level of Significance Before Mitigation	5.2-41
5.2.7 Mitigation Measures.....	5.2-42
5.2.8 Level of Significance After Mitigation	5.2-44
5.2.9 References.....	5.2-47
5.3 BIOLOGICAL RESOURCES	5.3-1
5.3.1 Environmental Setting.....	5.3-1
5.3.2 Thresholds of Significance.....	5.3-5
5.3.3 Plans, Programs, and Policies	5.3-6
5.3.4 Environmental Impacts.....	5.3-7
5.3.5 Cumulative Impacts	5.3-11
5.3.6 Level of Significance Before Mitigation	5.3-11
5.3.7 Mitigation Measures.....	5.3-11
5.3.8 Level of Significance After Mitigation	5.3-11
5.3.9 References.....	5.3-12
5.4 CULTURAL RESOURCES	5.4-1
5.4.1 Environmental Setting.....	5.4-1
5.4.2 Thresholds of Significance.....	5.4-13
5.4.3 Plans, Programs, and Policies	5.4-14
5.4.4 Environmental Impacts.....	5.4-14
5.4.5 Cumulative Impacts	5.4-21

Table of Contents

Contents	Page
5.4.6	Level of Significance Before Mitigation 5.4-22
5.4.7	Mitigation Measures..... 5.4-22
5.4.8	Level of Significance After Mitigation 5.4-24
5.4.9	References..... 5.4-24
5.5	GEOLOGY AND SOILS.....5.5-1
5.5.1	Environmental Setting.....5.5-1
5.5.2	Thresholds of Significance.....5.5-7
5.5.3	Plans, Programs, and Policies5.5-8
5.5.4	Environmental Impacts.....5.5-8
5.5.5	Cumulative Impacts 5.5-14
5.5.6	Level of Significance Before Mitigation 5.5-15
5.5.7	Mitigation Measures..... 5.5-15
5.5.8	Level of Significance After Mitigation 5.5-15
5.5.9	References..... 5.5-15
5.6	GREENHOUSE GAS EMISSIONS.....5.6-1
5.6.1	Environmental Setting.....5.6-1
5.6.2	Thresholds of Significance..... 5.6-19
5.6.3	Plans, Programs, and Policies 5.6-21
5.6.4	Environmental Impacts..... 5.6-22
5.6.5	Cumulative Impacts 5.6-33
5.6.6	Level of Significance Before Mitigation 5.6-33
5.6.7	Mitigation Measures..... 5.6-33
5.6.8	Level of Significance After Mitigation 5.6-33
5.6.9	References..... 5.6-33
5.7	HAZARDS AND HAZARDOUS MATERIALS.....5.7-1
5.7.1	Environmental Setting.....5.7-3
5.7.2	Thresholds of Significance..... 5.7-31
5.7.3	Plans, Programs, and Policies 5.7-32
5.7.4	Environmental Impacts..... 5.7-35
5.7.5	Cumulative Impacts 5.7-48
5.7.6	Level of Significance Before Mitigation 5.7-49
5.7.7	Mitigation Measures..... 5.7-51
5.7.8	Level of Significance After Mitigation 5.7-53
5.7.9	References..... 5.7-54
5.8	HYDROLOGY AND WATER QUALITY5.8-1
5.8.1	Environmental Setting.....5.8-1
5.8.2	Thresholds of Significance..... 5.8-22
5.8.3	Plans, Programs, and Policies 5.8-23
5.8.4	Environmental Impacts..... 5.8-23
5.8.5	Cumulative Impacts 5.8-39
5.8.6	Level of Significance Before Mitigation 5.8-40
5.8.7	Mitigation Measures..... 5.8-40
5.8.8	Level of Significance After Mitigation 5.8-40
5.8.9	References..... 5.8-41
5.9	LAND USE AND PLANNING5.9-1
5.9.1	Environmental Setting.....5.9-1
5.9.2	Thresholds of Significance.....5.9-7
5.9.3	Plans, Programs, and Policies5.9-8
5.9.4	Environmental Impacts.....5.9-8
5.9.5	Cumulative Impacts 5.9-39
5.9.6	Level of Significance Before Mitigation 5.9-39
5.9.7	Mitigation Measures..... 5.9-40

Table of Contents

Contents	Page
5.9.8 Level of Significance After Mitigation	5.9-40
5.9.9 References.....	5.9-40
5.10 NOISE.....	5.10-1
5.10.1 Environmental Setting.....	5.10-1
5.10.2 Thresholds of Significance.....	5.10-10
5.10.3 Plans, Programs, and Policies.....	5.10-11
5.10.4 Environmental Impacts.....	5.10-12
5.10.5 Cumulative Impacts	5.10-26
5.10.6 Level of Significance Before Mitigation	5.10-27
5.10.7 Mitigation Measures.....	5.10-28
5.10.8 Level of Significance After Mitigation	5.10-28
5.10.9 References.....	5.10-28
5.11 PUBLIC SERVICES.....	5.11-1
5.11.1 Fire Protection, Emergency, and Hospital Services.....	5.11-1
5.11.2 Police Protection	5.11-12
5.11.3 School Services	5.11-16
5.11.4 Library Services	5.11-20
5.11.5 References.....	5.11-22
5.12 TRANSPORTATION AND TRAFFIC	5.12-1
5.12.1 Environmental Setting.....	5.12-2
5.12.2 Thresholds of Significance.....	5.12-19
5.12.3 Plans, Programs, and Policies.....	5.12-20
5.12.4 Environmental Impacts.....	5.12-21
5.12.5 Cumulative Impacts	5.12-59
5.12.6 Level of Significance Before Mitigation	5.12-60
5.12.7 Mitigation Measures.....	5.12-60
5.12.8 Level of Significance After Mitigation	5.12-61
5.12.9 References.....	5.12-62
5.13 UTILITIES AND SERVICE SYSTEMS	5.13-1
5.13.1 Wastewater Treatment and Collection.....	5.13-1
5.13.2 Water Supply and Distribution Systems.....	5.13-7
5.13.3 Solid Waste	5.13-21
5.13.4 References.....	5.13-28
6. SIGNIFICANT UNAVOIDABLE ADVERSE IMPACTS	6-1
6.1 TRANSPORTATION AND TRAFFIC	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 Background on Project Alternatives	7-3
7.1.3 Project Goal and Objectives.....	7-6
7.2 SIGNIFICANT AND UNAVOIDABLE IMPACTS	7-8
7.3 ALTERNATIVES CONSIDERED AND REJECTED DURING THE SCOPING/PROJECT PLANNING PROCESS	7-10
7.3.1 Alternative Sites Outside the Current County-wide Jail Sites.....	7-13
7.3.2 Community Correctional Facility (Private Jail) Contracting.....	7-15
7.3.3 Modernize Existing Facility.....	7-17
7.3.4 No Project / Close MCJ / Transfer to Other County Facilities.....	7-19
7.4 ALTERNATIVES SELECTED FOR FURTHER ANALYSIS.....	7-22
7.4.1 No Project/Continued Use of Existing MCJ Facility	7-23
7.4.2 Reduced Capacity CCTF.....	7-29

Table of Contents

Contents	Page
7.4.3 Increased Capacity CCTF.....	7-35
7.4.4 Alternative Site Location (Pitchess Detention Center).....	7-41
7.5 ENVIRONMENTALLY SUPERIOR ALTERNATIVE.....	7-48
7.5.1 References.....	7-48
8. IMPACTS FOUND NOT TO BE SIGNIFICANT.....	8-1
8.1 ASSESSMENT IN THE SCOPING PROCESS.....	8-1
8.2 REFERENCES.....	8-4
9. ENERGY.....	9-1
9.1 REGULATORY SETTING.....	9-1
9.1.1 Federal.....	9-1
9.1.2 State.....	9-1
9.1.3 County.....	9-4
9.2 EXISTING CONDITIONS.....	9-4
9.2.1 Electricity.....	9-4
9.2.2 Natural Gas.....	9-5
9.3 PLANS, PROGRAMS, AND POLICIES.....	9-5
9.3.1 Regulatory Requirements.....	9-5
9.4 ENERGY IMPACTS OF THE PROPOSED PROJECT.....	9-6
9.4.1 Short-Term Construction Impacts.....	9-7
9.4.2 Long-Term Operational and Maintenance Impacts.....	9-8
9.4.3 Conclusion.....	9-13
9.5 REFERENCES.....	9-14
10. GROWTH-INDUCING IMPACTS OF THE PROPOSED PROJECT.....	10-1
10.1 REFERENCES.....	10-5
11. ORGANIZATIONS AND PERSONS CONSULTED.....	11-1
12. QUALIFICATIONS OF PERSONS PREPARING EIR.....	12-1
PLACEWORKS.....	12-1
FEHR AND PEERS (TRAFFIC).....	12-2
MCKENNA ET AL. (CULTURAL).....	12-3
ALTA ENVIRONMENTAL (PHASE I AND II SITE ASSESSMENTS).....	12-3
CONVERSE CONSULTANTS (GEOHAZARDS).....	12-3
13. BIBLIOGRAPHY.....	13-1

Table of Contents

APPENDICES

Appendix A	Notice of Preparation
Appendix B	Responses to Notice of Preparation
Appendix C	Vanir Report 2013, July 5 (LA County Jail Plan: Independent Review and Comprehensive Report)
Appendix D	Vanir Report 2014, April 21 (Architectural Program for the CCTF and MLDC)
Appendix E	Health Management Associates Report 2015, August 4
Appendix F	Air Quality/GHG Data
Appendix G	Biological Resources Technical Memorandum
Appendix H	Cultural Resources Study
Appendix I-1	Geohazards Study Report, Jail Site
Appendix I-2	Geohazards Study Structure Site Report, SSPS Site
Appendix J-1	Phase I Environmental Site Assessment Report, Men's Central Jail
Appendix J-2	Phase II ESA Subsurface Investigation, Men's Central Jail
Appendix J-3	Hazardous Materials Survey and Testing, Men's Central Jail Project, Central Arraignments Courts Building
Appendix J-4	Abatement Plan for Removal of Hazardous Materials, Men's Central Jail Project, Central Arraignments Courts
Appendix J-5	Hazardous Materials Survey and Testing, Men's Central Jail Project, Visitor Parking Structure (2-Story)
Appendix J-6	Abatement Plan for Removal of Hazardous Materials, Men's Central Jail Project, Visitor Parking Lot
Appendix J-7	Hazardous Materials Survey and Testing, Men's Central Jail Project, Men's Central Jail 1970s Building
Appendix J-8	Abatement Plan for Removal of Hazardous Materials, Men's Central Jail Project, Men's Central Jail 1970's Building
Appendix J-9	Hazardous Materials Survey and Testing, Men's Central Jail Project, Infirmary Addition 1970 Building
Appendix J-10	Abatement Plan for Removal of Hazardous Materials, Men's Central Jail Project, Infirmary Addition 1970 Building
Appendix J-11	Hazardous Materials Survey and Testing, Men's Central Jail Project, North Parking (4-Story Parking Structure)
Appendix J-12	Abatement Plan for Removal of Hazardous Materials, Men's Central Jail Project, North Parking (4-Story Parking Structure)
Appendix J-13	Hazardous Materials Survey and Testing, Men's Central Jail Project, Men's Central Jail 1960 Building and C-Jack Tunnel
Appendix J -14	Abatement Plan for Removal of Hazardous Materials, Men's Central Jail Project, Men's Central Jail 1960 Building and C-Jack Tunnel
Appendix J-15	Hazardous Materials Survey and Testing, Men's Central Jail Project, TST Tower
Appendix J-16	Abatement Plan for Removal of Hazardous Materials, Men's Central Jail Project, TST Tower
Appendix J-17	Hazardous Materials Survey and Testing, Men's Central Jail Project, Pedestrian Bridge (MCJ to Twin Towers)

Table of Contents

Appendix J-18	Abatement Plan for Removal of Hazardous Materials, Men's Central Jail Project, Pedestrian Bridge (MCJ to Twin Towers)
Appendix J-19	Hazardous Materials Survey and Testing, Men's Central Jail Project, Twin Towers Central Cooling Plant Building
Appendix J-20	Abatement Plan for Removal of Hazardous Materials, Men's Central Jail Project, Twin Towers Central Cooling Plant Building
Appendix J-21	UST Investigation: Former PCE Tank, Men's Central Jail
Appendix J-22	Step-out Investigation, Men's Central Jail
Appendix J-23	Indoor Air Assessment: Temporary Women's Holding Cell, Men's Central Jail
Appendix J-24	Indoor Air Assessment: Temporary Women's Holding Cell, Men's Central Jail
Appendix J-25	Existing Groundwater Monitoring Well Investigation
Appendix J-26	Phase I Environmental Site Assessment Report, Parking Lot 45, 739 North Spring Street
Appendix J-27	Phase II ESA Subsurface Investigation, Parking Lot 45, 739 North Spring Street
Appendix J-28	Hazardous Materials Survey and Testing, Men's Central Jail Project, Parking Lot 45: 725, 739, 747 North Spring Street
Appendix J-29	Abatement Plan for Removal of Hazardous Materials, Men's Central Jail Project, Parking Lot 45: 725, 739, 747 North Spring Street
Appendix J-30	Phase I Environmental Site Assessment Report, 1060 North Vignes Street
Appendix J-31	Request for Closure, 1060 North Vignes Street
Appendix K	Preliminary Hydrology Calculations
Appendix L	Noise Appendix
Appendix M	Traffic Impact Analysis
Appendix N	Water Supply Assessment
Appendix O	Services Correspondence

Table of Contents

Figure		Page
Figure 3-1	Regional Location.....	3-9
Figure 3-2	Project Location.....	3-11
Figure 3-3	Existing Project Site Diagram.....	3-21
Figure 4-1	Surrounding Land Uses.....	4-9
Figure 5.1-1	Photographs, Men’s Central Jail Structures.....	5.1-3
Figure 5.1-2	Project Site Surrounding Area Photographs.....	5.1-7
Figure 5.1-3	Spring Street Parking Structure Site Area Photographs.....	5.1-9
Figure 5.1-4	Vignes Lot Aerial Photograph.....	5.1-13
Figure 5.1-5	Vignes Lot Surrounding Area Photographs.....	5.1-15
Figure 5.1-6	Vignes Lot Parking Structure Conceptual Massing Rendering.....	5.1-19
Figure 5.1-7	CCTF Summer Solstice Shadows.....	5.1-23
Figure 5.1-8a	CCTF Summer Solstice Shadows, 7 AM to 12 PM.....	5.1-25
Figure 5.1-8b	CCTF Summer Solstice Shadows, 1 PM to 6 PM.....	5.1-27
Figure 5.1-9	CCTF Winter Solstice Shadows.....	5.1-29
Figure 5.1-10a	CCTF Winter Solstice Shadows, 8 AM to 1 PM.....	5.1-31
Figure 5.1-10b	CCTF Winter Solstice Shadows, 2 PM to 4 PM.....	5.1-33
Figure 5.7-1	Areas of Current and Historical Recognized Environmental Conditions, Project Site.....	5.7-15
Figure 5.7-2	Areas of Current and Historical Recognized Environmental Conditions, Offsite.....	5.7-17
Figure 5.8-1	Los Angeles River Watershed Boundary.....	5.8-9
Figure 5.8-2	Local Storm Drain System, Project Site.....	5.8-11
Figure 5.8-3	Central Basin Boundaries.....	5.8-13
Figure 5.8-4	Dam Inundation Map.....	5.8-19
Figure 5.12-1	Traffic Study Area.....	5.12-7
Figure 5.12-2	Existing Traffic Study Area Lane Configurations and Peak Hour Traffic Volumes.....	5.12-11
Figure 5.12-3	Project Trip Distribution.....	5.12-25
Figure 5.12-4a	Peak Hour Traffic Volumes and Lane Configurations Project Only Conditions (Option 1).....	5.12-27
Figure 5.12-4b	Peak Hour Traffic Volumes and Lane Configurations Project Only Conditions (Option 2).....	5.12-31
Figure 5.12-5a	Peak Hour Traffic Volumes and Lane Configurations Existing Plus Project Conditions (Option 1).....	5.12-33
Figure 5.12-5b	Peak Hour Traffic Volumes and Lane Configurations Existing Plus Project Conditions (Option 2).....	5.12-35
Figure 5.12-6	Peak Hour Traffic Volumes and Lane Configurations, Cumulative Base Condition.....	5.12-39
Figure 5.12-7a	Peak Hour Traffic Volumes and Lane Configurations, Cumulative Plus Project Conditions (Option 1).....	5.12-41
Figure 5.12-7b	Peak Hour Traffic Volumes and Lane Configurations, Cumulative Plus Project Conditions (Option 2).....	5.12-47

Table of Contents

Table		Page
Table 1-1	Summary of Environmental Impacts, Project Design Features, Regulatory Requirements, Mitigation Measures, and Levels of Significance After Mitigation	1-15
Table 2-1	NOP Comment Summary	2-10
Table 3-1	County Jail Facility Capacity	3-3
Table 3-2	Existing MCJ Staffing/Proposed CCTF Staffing	3-31
Table 3-3	Required Approval Summary	3-37
Table 4-1	Men’s Central Jail Average Inmate Population (2006–2014)	4-5
Table 4-2	Existing Staffing.....	4-6
Table 4-3	City of Los Angeles General Plan Projections	4-12
Table 4-4	Related Projects.....	4-13
Table 5.2-1	Ambient Air Quality Standards for Criteria Pollutants	5.2-2
Table 5.2-2	Attainment Status of Criteria Pollutants in the South Coast Air Basin.....	5.2-11
Table 5.2-3	Ambient Air Quality Monitoring Summary	5.2-12
Table 5.2-4	Existing Men’s Central Jail Maximum Daily Regional Criteria Air Pollutant Emissions	5.2-13
Table 5.2-5	SCAQMD Regional (Cumulative) Significance Thresholds.....	5.2-15
Table 5.2-6	Localized Significance Thresholds.....	5.2-17
Table 5.2-7	SCAQMD Screening-Level Construction LSTs	5.2-18
Table 5.2-8	SCAQMD Screening-Level Operational LSTs.....	5.2-18
Table 5.2-9	Toxic Air Contaminants Incremental Risk Thresholds	5.2-19
Table 5.2-10	Maximum Daily Regional Construction Emissions – Option 1.....	5.2-26
Table 5.2-11	Maximum Daily Regional Construction Emissions – Option 2.....	5.2-28
Table 5.2-12	Maximum Daily Men’s Central Jail/Consolidated Correctional Facility Operational Phase Regional Emissions – Option 1	5.2-30
Table 5.2-13	Maximum Daily Men’s Central Jail/Consolidated Correctional Facility Operational Phase Regional Emissions – Option 2.....	5.2-31
Table 5.2-14	Localized Construction Emissions – Option 1	5.2-32
Table 5.2-15	Localized Construction Emissions – Option 2.....	5.2-35
Table 5.2-16	Localized Operation Emissions	5.2-38
Table 5.2-17	Maximum Daily Regional Construction Emissions – Options 1 and 2 with Mitigation	5.2-45
Table 5.2-18	Maximum Daily Men’s Central Jail/Consolidated Correctional Facility Operational Phase Regional Emissions with Mitigation – Option 1	5.2-46
Table 5.2-19	Maximum Daily Men’s Central Jail/Consolidated Correctional Facility Operational Phase Regional Emissions with Mitigation – Option 2	5.2-46
Table 5.2-20	Localized Construction Emissions – Options 1 and 2 with Mitigation.....	5.2-47
Table 5.4-1	Cultural Resources Identified within One-Quarter Mile of the Project Site	5.4-10
Table 5.4-2	Summary of Findings per Applicable Criteria	5.4-16
Table 5.6-1	2017 Climate Change Scoping Plan Emissions Reductions Gap to Achieve the 2030 GHG Target	5.6-5

Table of Contents

Table	Page
Table 5.6-2	2017 Climate Change Scoping Plan Emissions Change by Sector to Achieve the 2030 Target 5.6-6
Table 5.6-3	Unincorporated Areas CCAP GHG Reductions..... 5.6-12
Table 5.6-4	GHG Emissions and Their Relative Global Warming Potential Compared to CO ₂ 5.6-14
Table 5.6-5	Summary of GHG Emissions Risks to California 5.6-17
Table 5.6-6	Existing MCJ Maximum Daily GHG Emissions..... 5.6-19
Table 5.6-7	Construction GHG Emissions, Option 1 5.6-26
Table 5.6-8	Long-Term MCJ and CCTF GHG Emissions, Option 1 5.6-27
Table 5.6-9	Construction GHG Emissions, Option 2..... 5.6-28
Table 5.6-10	Long-Term MCJ/CCTF GHG Emissions, Option 2..... 5.6-29
Table 5.6-11	Consistency with the County CCAP 5.6-31
Table 5.7-1	Concentrations of Metals Identified above California Human Health Screening Levels for Residential Land Use..... 5.7-20
Table 5.7-2	Human Health Risk Assessment Result 5.7-40
Table 5.8-1	Designated Beneficial Uses of Water Bodies in Vicinity of Project Site..... 5.8-15
Table 5.8-2	Section 303(d) List of Impaired Water Bodies to Which Project Site Discharges 5.8-15
Table 5.8-3	Potential Pollutants Created by Land Use Type..... 5.8-25
Table 5.8-4	Existing vs. Proposed Runoff Volumes for 50-Year and 25-Year Storm Events 5.8-34
Table 5.8-5	Existing vs. Proposed Runoff Volumes for 50-Year and 25-Year Storm Events..... 5.8-35
Table 5.8-6	Existing vs. Proposed Runoff Volumes for 50-Year and 25-Year Storm Events 5.8-36
Table 5.9-1	City of Los Angeles General Plan Consistency (Central City North Community Plan) 5.9-10
Table 5.9-2	County General Plan Consistency 5.9-18
Table 5.9-3	Regional Comprehensive Plan Consistency..... 5.9-26
Table 5.9-4	RTP/SCS Consistency..... 5.9-35
Table 5.10-1	State of California Interior and Exterior Noise Standards 5.10-2
Table 5.10-2	Community Noise and Land Use Compatibility..... 5.10-4
Table 5.10-3	County Exterior Noise Standards..... 5.10-5
Table 5.10-4	County Mobile Construction Equipment Noise Limits 5.10-6
Table 5.10-5	County Stationary Construction Equipment Noise Limits 5.10-7
Table 5.10-6	Comparison of Groundborne Vibration Criteria: Human Annoyance..... 5.10-7
Table 5.10-7	Groundborne Vibration Criteria: Architectural Damage..... 5.10-8
Table 5.10-8	City of Los Angeles Ambient Noise Criteria 5.10-9
Table 5.10-9	Vibration Levels for Typical Construction Equipment 5.10-15
Table 5.10-10	Maximum Construction Vibration Levels at Nearest Buildings to Project Site Phase 1 5.10-16
Table 5.10-11	Maximum Construction Vibration Levels at Nearest Buildings to Project Site Phase 2 5.10-16
Table 5.10-12	Maximum Construction Vibration Levels at Nearest Buildings to SSPS 5.10-17
Table 5.10-13	Average Construction Vibration Levels at Nearest Sensitive Receptors to SSPS..... 5.10-18

Table of Contents

Table		Page
Table 5.10-14	Maximum Construction Vibration Levels at Nearest Buildings to Vignes Lot.....	5.10-19
Table 5.10-15	Average Construction Vibration Levels at Nearest Sensitive Receptors to Vignes Lot.....	5.10-19
Table 5.10-16	CCTF Phase 1 Construction Noise Levels	5.10-22
Table 5.10-17	CCTF Phase 2 Construction Noise Levels	5.10-22
Table 5.10-18	Spring Street Parking Structure Construction Noise Levels	5.10-23
Table 5.10-19	Vignes Lot Construction Noise Levels.....	5.10-25
Table 5.12-1	Level of Service Definition for Signalized Intersections (CMA Methodology).....	5.12-1
Table 5.12-2	Existing Intersection Level of Service	5.12-14
Table 5.12-3	Existing On-Street Bus Transit Service Near the Project Site.....	5.12-15
Table 5.12-4	LADOT Intersection Traffic Impact Thresholds for Development Projects.....	5.12-20
Table 5.12-5	Project Trip Generation	5.12-24
Table 5.12-6	Existing Plus Project Option 1 Intersection Level of Service Impact Summary	5.12-30
Table 5.12-7	Future Year (2027) No Project Intersection Level of Service Impact Summary.....	5.12-38
Table 5.12-8	Future Year (2027) Plus Project Option 1 Intersection Level of Service Impact Summary.....	5.12-43
Table 5.12-9	Future Year (2027) Plus Project Option 2 Intersection Level of Service Impact Summary.....	5.12-44
Table 5.12-10	Estimated Project-Related Change in Annual Vehicle Miles Traveled	5.12-46
Table 5.12-11	Existing Intersection Level of Service Impact Summary for SSPS Site.....	5.12-50
Table 5.12-12	Future Year Intersection Level of Service Impact Summary for SSPS Site	5.12-51
Table 5.12-13	Vignes Lot Intersection Level of Service and Traffic Volumes	5.12-52
Table 5.13-1	Past Water Supply (Acre-Feet for Fiscal Year).....	5.13-12
Table 5.13-2	Water Treatment Facilities, Los Angeles Department of Water and Power.....	5.13-13
Table 5.13-3	Existing and Proposed Water Use.....	5.13-16
Table 5.13-4	LADWP Estimated Water Supplies, Average Weather Years (Acre-Feet).....	5.13-19
Table 5.13-5	LADWP Estimated Water Supplies, Multiple Dry Years (Acre-Feet)	5.13-20
Table 7-1	Vanir Jail Plan Report Summary of Options	7-3
Table 7-2	County Jail Facility Capacity	7-11
Table 7-3	Evaluation of the Project Objectives – Alternative Sites Outside the Current County-wide Jail Sites.....	7-14
Table 7-4	Evaluation of the Project Objectives – Community Correctional Facility (Private Jail) Contracting	7-16
Table 7-5	Evaluation of the Project Objectives – Modernize Existing Facility.....	7-18
Table 7-6	Project Objectives Evaluation: No Project/Close MCJ/Transfer to Other County Facilities.....	7-20
Table 7-7	Summary of No Project/Continued Use of Existing MCJ Facility Impacts.....	7-27
Table 7-8	Project Objectives Evaluation: No Project / Continued Use of Existing MCJ Facility.....	7-28
Table 7-9	Summary of Reduced Capacity CCTF Impacts.....	7-33
Table 7-10	Project Objectives Evaluation: Reduced Capacity CCTF.....	7-34

Table of Contents

Table		Page
Table 7-11	Summary of Increased Capacity CCTF Impacts.....	7-39
Table 7-12	Project Objectives Evaluation: Increased Capacity CCTF.....	7-39
Table 7-13	Summary of Alternative Site Location (Pitchess Detention Center) Impacts.....	7-45
Table 7-14	Project Objectives Evaluation: Alternative Site Location (Pitchess Detention Center)	7-46
Table 8-1	Impacts Found Not to Be Significant.....	8-2
Table 9-1	Electricity Consumption.....	9-9
Table 9-2	Natural Gas Consumption.....	9-10

Defined Terms and Abbreviations

Name or Abbreviation	Term or Definition
AAQS	ambient air quality standards
AB	Assembly Bill
ac	acre
ACM	asbestos-containing materials
ADA	Americans with Disabilities Act
ADP	average daily population
af	acre-feet
afy	acre-feet per year
amsl	above mean sea level
APN	Assessor's parcel number
AQMP	air quality management plan
AST	aboveground storage tank
ATCS	Adaptive Traffic Control System
ATSAC	(City of Los Angeles) Automated Traffic Surveillance and Control
AVR	average vehicle ridership
Bcf/day	billion cubic feet per day
bgs	below ground surface
BMP	best management practices
BOS	City of Los Angeles Department of Public Works, Bureau of Sanitation, Wastewater Services Division
BSCC	(California) Board of State and Community Corrections
C & D	Construction and Demolition
CAA	Clean Air Act
CalARP	California Accidental Release Prevention Program
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CALGreen	California Green Building Standards Code
Cal/OSHA	California Occupational Safety and Health Administration
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CASP	Cornfield Arroyo Seco Specific Plan and Redevelopment Plan
CBC	California Building Code
CCAP	Community Climate Action Plan
CCF	community correctional facilities
CCR	California Code of Regulations
CCTF	Consolidated Correctional Treatment Facility
CDE	California Department of Education
CDFW	California Department of Fish and Wildlife
CEC	California Energy Commission
Central Area	One of LAPD's patrol service area
CEO	(County) Chief Executive Office
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CESA	California Endangered Species Act
CFC	California Fire Code
CFR	Code of Federal Regulations

Defined Terms and Abbreviations

Name or Abbreviation	Term or Definition
cfs	cubic feet per second
CGP	Construction General Permit
CHHSL	California Human Health Screening Level
City	Incorporated City of Los Angeles
CLARTS	Central Los Angeles Recycling and Transfer Station
CMA	critical movement analysis
CMP	congestion management program
CNDDB	California Natural Diversity Database
CNEL	community noise equivalent level. The energy average of the A-weighted sound levels occurring during a 24-hour period, with 5 dB added from 7:00 PM to 10:00 PM and 10 dB from 10:00 PM to 7:00 AM. For general community/environmental noise, CNEL and L _{dn} values rarely differ by more than 1 dB (with the CNEL being only slightly more restrictive—that is, higher than the L _{dn} value). As a matter of practice, L _{dn} and CNEL values are interchangeable and are treated as equivalent.
CO	carbon monoxide
CO _{2e}	carbon dioxide equivalent. The standard unit to measure the amount of greenhouse gases in terms of the amount of carbon dioxide (CO ₂) that would cause the same amount of warming. CO _{2e} is based on the GWP ratios between the various GHGs relative to CO ₂ .
Corps	United States Army Corps of Engineers
County	County of Los Angeles
CPTED	crime prevention through environmental design
CRDF	Century Regional Detention Facility
CRHR	California Register of Historical Resources
CSC	County Sustainability Council
CTC	Correctional Treatment Center
CUP	Central Utility Plant
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
dB	Decibel. A unitless measure of sound, expressed on a logarithmic scale and with respect to a defined reference sound pressure. The standard reference pressure is 20 micropascals (20 μPa).
dBA	A-weighted decibel. An overall frequency-weighted sound level in decibels that approximates the frequency response of the human ear.
DHS	California Department of Health Services
DOF	(California) Department of Finance
DPH-SAPC	(Los Angeles County) Department of Public Health–Substance Abuse Prevention and Control
DPM	diesel particulate matter
DPW	(Los Angeles County) Department of Public Works
DRC	Downtown Regional Connector
DTSC	Department of Toxic Substances Control
DWR	Department of Water Resources
EBI	Education Based Incarceration
ECRP	Employee Commute Reduction Plan
EDR	Environmental Data Resources, Inc.
EEP	Energy and Environmental Program
EIR	environmental impact report
EMS	emergency medicine services
EO	Executive Order
EOO	Emergency Operations Organization

Defined Terms and Abbreviations

Name or Abbreviation	Term or Definition
EPA	(United States) Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
ESA	environmental site assessment
ESCP	erosion and sediment control plan
ESL	Environmental Screening Level
EV	electric vehicle
EVSE	electric vehicle supply equipment
°F	degrees Fahrenheit
FAA	Federal Aviation Administration
FAR	Federal Aviation Regulation
FEIR	final environmental impact report. FEIR consists of the DEIR or a revision of DEIR, comments and recommendations received on the DEIR, list of persons, organizations, and public agencies commenting on the draft EIR, responses of the Lead Agency to significant environmental points raised in the review and consultation process, and any other information added by the lead agency.
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act
FHWA	Federal Highway Administration
FIRM	flood insurance rate map
FSTIP	Federal Statewide Transportation Improvement Program
FTA	Federal Transit Administration
FTIP	Federal Transportation Improvement Program
GHG	greenhouse gas. Gases in the atmosphere that absorb infrared light, thereby retaining heat in the atmosphere and contributing to a greenhouse effect.
gpd	gallons per day
gpm	gallons per minute
gWh	gigawatt hour
GWP	global warming potential. Metric used to describe how much heat a molecule of a GHG absorbs relative to a molecule of carbon dioxide (CO ₂) over a given period of time (20, 100, and 500 years). CO ₂ has a GWP of 1.
HAZWOPER	Hazardous Waste Operations and Emergency Response Standard (training)
HCP/NCCP	habitat conservation plan / natural community conservation plan
HHMD	Health Hazardous Materials Division
HMA	Health Management Associates
HOH	High Observation Housing
HQTA	high quality transit area
HSC	Health and Safety Code
HSR	High Security Housing
HVAC	heating, ventilating, and air conditioning system
Hz	Hertz
IBC	International Building Code
ILCR	incremental lifetime cancer risk
in/sec	inches per second
inmate	Inmates currently housed at the MCJ
inmate-patient	Inmates to be housed at the CCTF
IPCC	Intergovernmental Panel on Climate Change
IRC	Inmate Reception Center
ISD	(Los Angeles County) Internal Services Department

Defined Terms and Abbreviations

Name or Abbreviation	Term or Definition
JMET	Jail Mental Evaluation Team
kg	kilogram
kWh	kilowatt hour
L _{dn}	day-night noise level
L _{eq}	equivalent continuous noise level
LAA	Los Angeles Aqueducts
LAC + USC	Los Angeles County + University of Southern California Medical Center
LACFD	Los Angeles County Fire Department
LACSD	Sanitation Districts of Los Angeles County
LADOT	City of Los Angeles Department of Transportation
LADPW	City of Los Angeles Department of Public Works
LADWP	City of Los Angeles Department of Water & Power
LAFD	City of Los Angeles Fire Department
LAPD	Los Angeles Police Department
LAPL	Los Angeles Public Library
LARA	Los Angeles Regional Agency
LASD	Los Angeles County Sheriff's Department
LAUSD	Los Angeles Unified School District
LBP	lead-based paint
LCFS	low-carbon fuel standard
Ldn	The energy-average of the A-weighted sound levels occurring during a 24-hour period, with 10 dB added to the sound levels occurring during the period from 10:00 PM to 7:00 AM.
LEED	Leadership in Energy and Environmental Design
L _{eq}	Equivalent Continuous Noise Level also called the Energy-Equivalent Noise Level. The value of an equivalent, steady sound level which, in a stated time period (often over an hour) and at a stated location, has the same A-weighted sound energy as the time-varying sound. Thus, the L _{eq} metric is a single numerical value that represents the equivalent amount of variable sound energy received by a receptor over the specified duration.
LID	low impact development
L _n	Statistical Sound Level. The sound level that is exceeded "n" percent of time during a given sample period. For example, the L ₅₀ level is the statistical indicator of the time-varying noise signal that is exceeded 50 percent of the time (during each sampling period); that is, half of the sampling time, the changing noise levels are above this value and half of the time they are below it. This is called the "median sound level." The L ₁₀ level, likewise, is the value that is exceeded 10 percent of the time (i.e., near the maximum) and this is often known as the "intrusive sound level." The L ₉₀ is the sound level exceeded 90 percent of the time and is often considered the "effective background level" or "residual noise level."
LOS	level of service
LST	localized significance thresholds
M _w	moment magnitude
MATES	Multiple Air Toxics Exposure Study
MBTA	Migratory Bird Treaty Act
MCJ	Men's Central Jail
Metro or MTA	Los Angeles County Metropolitan Transportation Authority
mg/kg	milligrams per kilogram
mgd	million gallons per day
MHTP	mental health treatment program
MIOCR	Mentally Ill Offender Crime Reduction (Grant)

Defined Terms and Abbreviations

Name or Abbreviation	Term or Definition
MLD	most likely descendant
MLDC	Mira Loma Detention Center
MM	mitigation measure. A measure recommended in accordance with CEQA to reduce or avoid an environmental impact that is identified as significant.
MMT	million metric tons
MMTCO _{2e}	million metric tons of CO _{2e}
MOH	Moderate Observation Housing
MOSH	Medical Outpatient Specialty Housing
MOU	memorandum of understanding
mpg	miles per gallon
MPO	metropolitan planning organization
MS4	municipal separate storm sewer system
MT	metric ton
MTCO _{2e}	metric ton of CO _{2e} .
MUTCD	(California) Manual for Uniform Traffic Control Devices
MW	megawatt
MWD	Metropolitan Water District of Southern California
MWEL	Model Water Efficient Landscape Ordinance
NCCF	North County Correctional Facility
NO _x	nitrogen oxides
NOA	Notice of Availability. A notice that the Draft EIR is completed and available for public review and comment
NOI	Notice of Intent
Noise	Sound that is loud, unpleasant, unexpected, or otherwise undesirable.
NOP	Notice of Preparation. A notice under CEQA that the lead agency has decided to prepare an EIR and is soliciting comments from responsible and other agencies.
NPDES	National Pollution Discharge Elimination System
NPL	National Priority List
NZE	near-zero emissions
O ₃	ozone
O & M	operations and maintenance
OEHHA	Office of Environmental Health Hazard Assessment
OES	(California) Office of Emergency Services
OHP	Office of Historic Preservation
OPR	Governor's Office of Planning and Research
Option 1	Development of a parking structure with up to 1,500 parking spaces on the SSPS Site as part of the Proposed Project. Under Option 1, a parking structure development on the Vignes Lot would not occur.
Option 2	Development of a parking structure with up to 3,000 spaces and/or other non-custodial project-related uses on the Vignes Lot as part of the Proposed Project. Under Option 2, a parking structure development on the SSPS Site would not occur.
OSHA	(US) Occupational Health and Safety Administration
OSHPD	Office of Statewide Health Planning and Development
PCB	polychlorinated biphenyl
PCE	tetrachloroethylene
PDC	Pitchess Detention Center
PDF	Project Design Feature
PEV	plug-in electric vehicle

Defined Terms and Abbreviations

Name or Abbreviation	Term or Definition
PFD	Project Design Feature. Specific design elements incorporated into the Project or standard procedures and reflected in the Project's construction specifications and final plans, which are implemented in accordance with County protocol to prevent the occurrence of, or reduce the significance of, potential environmental effects.
PM	particulate matter
ppd	pounds per day
ppm	parts per million
PPV	peak particle velocity
PRC	(California) Public Resources Code
Project Area	Approximately 2-mile area in the vicinity of the Project Site, including locations listed in the Related Projects.
Project Site	The 17.7-acre site of the existing Men's Central Jail as shown in Figure 3-2, <i>Project Location</i> , of the EIR.
Proposed Project or Project	Development and operation of a new CCTF on the Project Site plus development and operation of a parking structure on either the SSPS Site under Option 1, or on the Vignes Lot under Option 2, as described in Chapter 3, <i>Project Description</i> , of the EIR.
PUC	Public Utilities Commission
RCP	Regional Comprehensive Plan
RCRA	Resource Conservation and Recovery Act
REC	recognized environmental condition
Related Projects	List of related projects included in Table 4-4, <i>Related Projects</i> , in Chapter 4, <i>Environmental Setting</i> , of the EIR, as part of cumulative analysis.
REO	Renewable Energy Ordinance
RHNA	Regional Housing Needs Assessment
RIO	River Improvement Overlay (County Zoning District)
RMS	root mean square
RPS	renewable portfolio standard
ROW	right-of-way
RR	Regulatory Requirement. Applicable local, state, or federal regulations that will be implemented as part of the Proposed Project.
RSL	Regional Screening Levels. Set by the US Environmental Protection Agency.
RTP/SCS	regional transportation plan / sustainable communities strategy
RWQCB	Regional Water Quality Control Board
SAA	Streambed Alteration Agreement
SARA	Superfund Amendments and Reauthorization Act
SB	Senate Bill
SBE	small business enterprise
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCG	Southern California Gas Company
SCRRA	Southern California Regional Rail Authority
SEA	Significant Ecological Area
Sensitive Receptor	<p>Air Quality: Those most susceptible to further respiratory distress, such as asthmatics, the elderly, very young children, people already weakened by other disease or illness, and persons engaged in strenuous work or exercise.</p> <p>Noise: Land uses where quiet environments are necessary for enjoyment and public health and safety—e.g., residences, schools, motels and hotels, libraries, religious institutions, hospitals, and nursing homes.</p>
SEZ	State Enterprise Zone
SF	square feet

Defined Terms and Abbreviations

Name or Abbreviation	Term or Definition
SFM	State Fire Marshal
SHMA	Seismic Hazard Mapping Act
SIP	state implementation plan
SoCAB	South Coast Air Basin
Sound	A disturbance created by a vibrating object, which, when transmitted by pressure waves through a medium such as air, is capable of being detected by a receiving mechanism, such as the human ear or a microphone.
SO _x	sulfur oxides
SP	service population
SPCC	Spill Prevention Control and Countermeasure (Plan)
SR	State Route
SRA	source receptor area
SSPS	Spring Street Parking Structure
SSPS Site	The 1.66-acre, County-owned surface parking lot.
SUD	substance use disorders
SWP	State Water Project
SWPPP	Storm Water Pollution Prevention Plan
SWQDv	Stormwater Quality Design Volume
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TCE	trichloroethene
TDM	travel demand management
TIA	Transportation Impact Analysis
TMDL	total maximum daily load
tpd	tons per day
TPH	total petroleum hydrocarbons
Traffic Study	TIA included as Appendix M to the EIR.
TTCF	Twin Towers Correctional Facility
USFWS	United States Fish and Wildlife Service
UST	underground storage tank
UWMP	urban water management plan
V/C	volume-to-capacity ratio
VdB	velocity decibels. A unitless measure of vibration, expressed on a logarithmic scale and with respect to a defined reference vibration velocity. In the U.S., the standard reference velocity is 1 micro-inch per second (1x10 ⁻⁶ in/sec).
VES	(soil) vapor extraction system
Vignes Lot	The 4-acre vacant land located 200 feet northwest of the Project Site at 1060 North Vignes Street.
VIRE	vapor intrusion risk evaluation
VMT	vehicle miles traveled
VOC	volatile organic compound
WELO	Water Efficient Landscape Ordinance
WRD	Water Replenishment District of Southern California
WSA	water supply assessment
WWECF	Wet Weather Erosion Control Plan
ZE	zero emissions

Defined Terms and Abbreviations

This page intentionally left blank.