

TABLE OF CONTENTS

SUMMARY.....	1
S.1 Project Synopsis.....	1
S.2 Summary of Significant Impacts and Mitigation Measures	9
S.3 Areas of Controversy.....	9
S.4 Issues to Be Resolved by the Board of Supervisors.....	10
S.5 Project Alternatives.....	11
CHAPTER 1 PROJECT DESCRIPTION.....	1-1
1.1 Project Location.....	1-2
1.2 Project Objectives.....	1-3
1.3 Project Background	1-4
1.4 Project Elements	1-11
1.5 Type and Intended Uses of This Supplemental Environmental Impact Report	1-26
1.6 Required Approvals and Review Process	1-31
1.7 Project Consistency with Applicable Plans	1-35
1.8 SEIR Organization.....	1-36
1.9 Key Terminology.....	1-37
CHAPTER 2 ENVIRONMENTAL EFFECTS OF THE PROJECT	2-1
Approach to Analysis.....	2-1
Scope of Analysis.....	2-7
2.1 Aesthetics	2.1-1
2.2 Agriculture and Forestry Resources	2.2-1
2.3 Air Quality	2.3-1
2.4 Biological Resources	2.4-1
2.5 Cultural and Paleontological Resources.....	2.5-1
2.6 Energy	2.6-1
2.7 Environmental Justice	2.7-1
2.8 Greenhouse Gas Emissions.....	2.8-1
2.9 Hazards and Hazardous Materials	2.9-1
2.10 Hydrology and Water Quality.....	2.10-1
2.11 Land Use and Planning	2.11-1
2.12 Noise	2.12-1
2.13 Transportation	2.13-1
2.14 Tribal Cultural Resources	2.14-1
2.15 Wildfire	2.15-1
CHAPTER 3 ENVIRONMENTAL EFFECTS FOUND NOT TO BE SIGNIFICANT.....	3-1
3.1 Geology and Soils	3-1
3.2 Mineral Resources.....	3-2
3.3 Population and Housing	3-3
3.4 Public Services	3-5
3.5 Recreation	3-6
3.6 Utilities and Service Systems	3-7

CHAPTER 4 OTHER CEQA SECTIONS..... 4-1

4.1 Growth Inducement 4-1

4.2 Significant and Unavoidable Adverse Impacts..... 4-4

4.3 Significant Irreversible Environmental Changes 4-5

4.4 Cumulative Effects of In-process General Plan Amendments 4-6

CHAPTER 5 ALTERNATIVES 5-1

5.1 Introduction..... 5-1

5.2 Rationale for Selection of Alternatives..... 5-2

5.3 Alternatives Considered but Rejected 5-5

5.4 CAP Update Alternatives 5-11

5.5 Smart Growth Alternatives..... 5-19

5.6 Alternatives Evaluated in the 2011 GPU PEIR 5-32

5.7 Environmentally Superior Alternative..... 5-34

CHAPTER 6 REFERENCES 6-1

CHAPTER 7 PREPARERS..... 7-1

CHAPTER 8 MITIGATION MEASURES..... 8-1

8.1 List of Mitigation Measures..... 8-1

Appendices

A Notice of Preparation and Comments

B In-Process General Plan Amendment Project VMT and GHG Emission Forecast

C Smart Growth Alternative VMT Forecast

Figures

Figure 1-1 Regional Location 1-53

Figure 1-2 County of San Diego Boundary 1-54

Figure 2.2-1 Farmland Designations 2.2-43

Figure 2.2-2 Agricultural Zoning 2.2-45

Figure 2.2-3 Williamson Act Enrollment 2022 2.2-47

Figure 4-1 Location of In-Process GPA Projects..... 4-45

Figure 5-1 Fire Safe and VMT Efficient Alternative 5-47

Figure 5-1a Fire Safe and VMT Efficient Smart Growth Locations..... 5-49

Figure 5-1b Fire Safe and VMT Efficient Smart Growth Locations - Inset A 5-51

Figure 5-1c Fire Safe and VMT Efficient Smart Growth Locations - Inset B 5-53

Figure 5-1d Fire Safe and VMT Efficient Smart Growth Locations - Inset C 5-55

Figure 5-1e Fire Safe and VMT Efficient Smart Growth Locations - Inset D 5-57

Figure 5-1f	Fire Safe and VMT Efficient Smart Growth Locations - Inset E	5-59
Figure 5-1g	Fire Safe and VMT Efficient Smart Growth Locations - Inset F.....	5-61
Figure 5-1h	Fire Safe and VMT Efficient Smart Growth Locations - Inset G	5-63
Figure 5-1i	Fire Safe and VMT Efficient Smart Growth Locations - Inset H	5-65
Figure 5-1j	Fire Safe and VMT Efficient Smart Growth Locations - Inset I.....	5-67
Figure 5-2	Village Support Areas Alternative	5-69
Figure 5-2a	Village and Village Support Areas	5-71
Figure 5-2b	Villages and Village Support Areas - Inset A	5-73
Figure 5-2c	Villages and Village Support Areas - Inset B	5-75
Figure 5-2d	Villages and Village Support Areas - Inset C	5-77
Figure 5-2e	Villages and Village Support Areas - Inset D	5-79
Figure 5-2f	Villages and Village Support Areas - Inset E	5-81
Figure 5-2g	Villages and Village Support Areas - Inset F.....	5-83
Figure 5-2h	Villages and Village Support Areas - Inset G	5-85
Figure 5-2i	Villages and Village Support Areas - Inset H	5-87
Figure 5-2j	Villages and Village Support Areas - Inset I.....	5-89
Figure 5-3	Sustainable Communities Strategy Alternative	5-91
Figure 5-3a	Mobility Hub Areas.....	5-93
Figure 5-3b	Mobility Hub Areas - Inset A	5-95
Figure 5-3c	Mobility Hub Areas - Inset B	5-97
Figure 5-3d	Mobility Hub Areas - Inset C	5-99
Figure 5-3e	Mobility Hub Areas - Inset D	5-101
Figure 5-3f	Mobility Hub Areas - Inset E	5-103
Figure 5-3g	Mobility Hub Areas - Inset F.....	5-105
Figure 5-3h	Mobility Hub Areas - Inset G	5-107
Figure 5-3i	Mobility Hub Areas - Inset H	5-109
Figure 5-3j	Mobility Hub Areas - Inset I.....	5-111

Tables

Table 1-1	Summary of SEIR Response to 2020 Appellate Court Ruling	1-39
Table 1-2	Proposed GHG Reduction Strategies, Measures, and Actions.....	1-41
Table 1-3	Required Project Approvals	1-52
Table 2.1-1	Summary of Aesthetics-Related Impacts.....	2.1-1
Table 2.2-1	Summary of Agriculture and Forestry Resources Impacts.....	2.2-2

Table 2.3-1 Summary of Air Quality–Related Impacts 2.3-1

Table 2.3-2 Sources and Health Effects of Criteria Air Pollutants..... 2.3-64

Table 2.3-3 Summary of Annual Ambient Air Quality Data in San Diego County (2019-2021) 2.3-65

Table 2.3-4 Ambient Air Quality Standards and Attainment Status for the San Diego Air Basin 2.3-66

Table 2.4-1 Summary of Biological Resources–Related Impacts 2.4-1

Table 2.4-2 Special-Status Plant Species Known to Occur in San Diego County. 2.4-57

Table 2.4-3 Special-Status Wildlife Species Known to Occur in San Diego County 2.4-77

Table 2.4-4 Federally Designated Critical Habitat for Species Listed Under the Endangered Species Act 2.4-90

Table 2.5-1 Summary of Cultural and Paleontological Resources–Related Impacts 2.5-1

Table 2.6-1 Summary of Energy-Related Impacts 2.6-2

Table 2.6-2 SDGE and the State of California Power Mix in 2021 2.6-31

Table 2.6-3 SDCP and the State of California Power Mix in 2021 2.6-31

Table 2.7-1 Summary of Environmental Justice–Related Impacts..... 2.7-1

Table 2.7-2 Population Density and Percent Minority Information 2.7-32

Table 2.7-3 Poverty Status 2.7-32

Table 2.8-1 Summary of Climate Change–Related Impacts 2.8-2

Table 2.8-2 Statewide Greenhouse Gas Emissions by Economic Sector in 2020 2.8-32

Table 2.8-3 County Greenhouse Gas Emissions Inventory by Sector in 2019 2.8-32

Table 2.8-4 Summary of GHG Reductions by CAP Update Strategy..... 2.8-33

Table 2.8-5 Summary of CAP Targets and Reductions Achieved 2.8-35

Table 2.8-6 Priority GHG Reduction Strategies for Local Government Climate Action..... 2.8-36

Table 2.9-1 Summary of Hazards and Hazardous Materials–Related Impacts..... 2.9-1

Table 2.9-2 Maximum Residential Density..... 2.9-57

Table 2.9-3 Maximum Non-Residential Intensity 2.9-57

Table 2.9-4 Safety Compatibility Zones – Prohibited Uses 2.9-58

Table 2.10-1 Summary of Hydrology and Water Quality–Related Impacts 2.10-1

Table 2.11-1 Summary of Land Use and Planning–Related Impacts 2.11-2

Table 2.12-1 Summary of Noise-Related Impacts 2.12-1

Table 2.13-1 Summary of Transportation-Related Impacts 2.13-2

Table 2.13-2 VMT for County General Plan..... 2.13-56

Table 2.13-3 VMT Reductions from Agriculture and Conservation Measures and
 Actions 2.13-56

Table 2.13-4 VMT Reductions from Built Environment and Transportation
 Measures and Actions 2.13-56

Table 2.14-1 Summary of Tribal Cultural Resources-Related Impacts 2.14-1

Table 2.15-1 Summary of Wildfire-Related Impacts..... 2.15-1

Table 4-1 In-Process Projects that include General Plan Amendments..... 4-43

Table 4-2 Summary of Projected GHG Emissions from In-Process General
 Plan Amendments 4-44

Table 5-1 Potential Amendments to General Plan Policies..... 5-35

Table 5-2 CAP Alternatives Comparison of Impacts 5-45

ACRONYMS AND ABBREVIATIONS

2011 GPU PEIR	2011 General Plan Update Final Program Environmental Impact Report
2011 GPU	County’s General Plan, 2011 General Plan Update
AB 32	California Global Warming Solutions Act of 2006
AB	State Assembly Bill
ACMs	asbestos-containing materials
AIA	Airport Influence Area
ALUCP	Airport Land Use Compatibility Plans
ATP	Active Transportation Plan
BAU	business-as-usual
BMO	Biological Mitigation Ordinance
Board	County’s Board of Supervisors
BOS	Board of Supervisors, referring to San Diego County
C&D	Construction & Demolition
Cal/OSHA	California Division of Occupational Safety and Health
CalCAN	California Climate and Agriculture Network
CAP	Climate Action Plan
CARB	California Air Resource Board’s
Carl Moyer Program	Carl Moyer Memorial Air Quality Standards Attainment Program
CBC	California Building Code
CCE	Community Choice Energy
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CH ₄	methane
Checklist	CAP Consistency Review Checklist
CIP	Capital Improvement Program
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNG	compressed natural gas
CO	Carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
County operations	community and County local government operations
County	County of San Diego
CREP	Comprehensive Renewable Energy Plan
CRIS-Climate Registry	Climate Registry Information System
CRPR	California Rare Plant Ranks
CWA	San Diego County Water Authority

dBA	A-weighted decibels
DEH	Department of Environmental Health
Draft SEIR	Supplemental Environmental Impact Report
EFMP	Enhanced Fleet Modernization Program
EIR	Environmental Impact Report
ESA	Endangered Species Act
EV	electric vehicle
FAA	Federal Aviation Administration
FEMA	Federal Emergency Management Agency
FTA	Federal Transit Administration
GHG	greenhouse gas
GPA	General Plan Amendment
GPU	General Plan Update
Guidelines	Guidelines for Determining Significance for Climate Change
GWP	global warming potential
in/sec	inches per second
IPCC	Intergovernmental Panel on Climate Change
LBP	lead-based paint
L _{eq}	Equivalent Energy Level
L _{max}	maximum sound level
MBTA	Migratory Bird Treaty Act
MLD	Most Likely Descendant
MM	Mitigation Measures
MMRP	Mitigation Monitoring and Reporting Program
MSCP	Multi-Species Conservation Plan
MTCO _{2e}	metric tons of carbon dioxide equivalent
MTS	San Diego Metropolitan Transit System
N ₂ O	nitrogen dioxide
NAHC	Native American Heritage Commission
NCCP	Natural Community Conservation Plans
NCTD	North County Transit District
NO ₂	nitrogen dioxide
NOAA	National Oceanic and Atmospheric Administration
NOP	Notice of Preparation
Outreach Plan	Public Outreach and Engagement Plan
PACE	Purchase of Agriculture Conservation Easement

PDR	Purchase of Development Rights
PDS	Planning & Development Services
PEIR	Program Environmental Impact Report
PM10	Respirable particulate matter
PM _{2.5}	Fine particulate matter
PPV	peak particle velocity
PV	photovoltaic
REVI	Regional Electric Vehicle Infrastructure
RMS	root mean square
RPO	Resource Protection Ordinance
RPO	Resource Protection Ordinance, referring to the County of San Diego Code of Regulatory Ordinances Sections 86.601-86.608
SANDAG	San Diego Association of Government
SB	Senate Bill
SCIC	South Coast Information Center
SDAPCD	San Diego Air Pollution Control District
SDCFA	San Diego County Fire Authority
SDCRAA	San Diego County Regional Airport Authority
SDG&E	San Diego Gas & Electric
SO ₂	Sulfur dioxide
SR	State Route
SWMA	Solid Waste Management Agreements
SWRCB	State Water Resources Control Board
TDM	Transportation Demand Management
USACE	U.S. Army Corps of Engineers
USBR	U.S. Bureau of Reclamation
USFS	U.S. Forest Service
VdB	vibration decibels
WPO	Watershed Protection, Stormwater Management, and Discharge Control Ordinance, referring to the County of San Diego Code of Regulatory Ordinances Sections 67.801-67.814
ZNE	Zero Net Energy