

CITY OF ROSEVILLE

# 2035 GENERAL PLAN UPDATE FINAL ENVIRONMENTAL IMPACT REPORT

CERTIFIED AUGUST 5, 2020



**CITY OF ROSEVILLE  
2035 GENERAL PLAN UPDATE  
FINAL ENVIRONMENTAL IMPACT REPORT**



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## ACRONYMS AND OTHER ABBREVIATIONS

µg/m <sup>3</sup>	micrograms per cubic meter
2014 Scoping Plan Update	First Update to the Climate Change Scoping Plan: Building on the Framework
2017 Scoping Plan Update	California’s 2017 Climate Change Scoping Plan: The Strategy for Achieving California’s 2030 Greenhouse Gas Target
2020 MTP/SCS	2020 Metropolitan Transportation Plan/Sustainable Communities Strategy
AADT	Annual Average Daily Traffic
AB	Assembly Bill
ACM	asbestos-containing materials
ADA	Americans with Disabilities Act
ADT	average daily traffic
AEP	annual exceedance probability
af	acre feet
afy	acre feet per year
Alquist-Priolo Act	Alquist-Priolo Earthquake Fault Zoning Act
AMI	Area Median Income
amsl	above mean sea level
ANSI S1	American National Standards Institute for Class 1 sound level meters
APE	Area of Potential Effects
APS	alternative planning strategy
AQAP	Air Quality Attainment Plan
AQMD	Air Quality Management District
ARB	California Air Resources Board
ARB Handbook	Air Quality and Land Use Handbook: A Community Health Perspective
ASR	Aquifer Storage and Recovery
AST	above-ground storage tanks
ATCM	Asbestos Airborne Toxic Control Measure
AVs	automated vehicles
B.P.	Before Present
Basin Plan	Water Quality Control Plan for the Sacramento–San Joaquin River Basins
bgs	below the ground surface
BIOS	Biogeographic Information and Observation System
BMPs	best management practices
BTU	British thermal unit
Bureau	U.S. Bureau of Reclamation
Business Plans	Hazardous Materials Management
CAA	Clean Air Act
CAAQS	California ambient air quality standards

CAFE	Corporate Average Fuel Economy
CAL 200	Model 820, 824 and 831 LDL Model
CAL FIRE	California Department of Forestry and Fire Protection
CalARP	California Accidental Release Prevention program
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CALGreen Code	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
CARP	County Aquatic Resources Program
CASGEM	California Statewide Groundwater Elevation Monitoring
CAW	California American Water Company
CBC	California Building Standards Code
CC&Rs	Covenants, Conditions & Restrictions
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDE	California Department of Education
CDFW	California Department of Fish and Wildlife
Central Valley RWQCB	Central Valley Regional Water Quality Control Board
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESA	California Endangered Species Act
CFC	California Fire Code
CFCs	chlorofluorocarbons
CFR	Code of Federal Regulations
CGS	California Geological Survey
CHP	California Highway Patrol
CHR	California Historical Resources
CIP	Capital Improvement Program
City	City of Roseville
CIWMA	California Integrated Waste Management Act
CLOMR	Conditional Letters of Map Revision
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	carbon monoxide
CO <sub>2</sub> e	carbon dioxide equivalent
County	Placer County
CPUC	California Public Utilities Commission

CRHR	California Register of Historical Resources
CRPR	California Rare Plant Rank
CSP	Creekview Specific Plan
CUPA	Certified Unified Program Agency
CVFMP	Central Valley Flood Management Planning
CVFPB	Central Valley Flood Protection Board
CVFPP	Central Valley Flood Protection Plan
CVP	Central Valley Project
CVRWQCB	Central Valley Regional Water Quality Control Board
CWA	Clean Water Act of 1972
dB	decibels
DBH	diameter at breast height
DOF	California Department of Finance
DPM	diesel particulate matter
DPR	California Department of Parks and Recreation
DPR	California Department of Pesticide Regulation
DPS	distinct population segment
DTSC	California Department of Toxic Substances Control
DWR	California Department of Water Resources
ECLs	Emission Control Labels
EDD	California Employment Development Department
EIR	Environmental Impact Report
EISA	Energy Independence and Security Act of 2007
EMO	Emergency Management Organization
EO	Executive Order
EOP	Emergency Operations Plan
EPA	U.S. Environmental Protection Agency
EPCRA	Emergency Planning Community Right-to-Know Act
ESA	Endangered Species Act
ESU	evolutionarily significant unit
existing General Plan	City of Roseville existing 2035 General Plan, which was adopted in 2016
dBA	A-weighted sound levels
FAA	Federal Aviation Administration
FEMA	Federal Emergency Management Agency
FESA	federal Endangered Species Act
FGC	California Fish and Game Code
FHWA	Federal Highway Administration
FHWA-RD-77-108	FHWA Highway Traffic Noise Prediction Model
FIRMs	Flood Insurance Rate Maps
FMMP	Farmland Mapping and Monitoring Program

FRA	Federal Railroad Administration
FTA	Federal Transit Administration
GDP	gross domestic product
GET	groundwater extraction and treatment
GHG	greenhouse gas
GSAs	groundwater sustainability agencies
GSP	groundwater sustainability plans
GVWR	gross vehicle weight rating
GWh	gigawatt-hours
GWP	global warming potential
HABS	Historic American Building Survey
HAER	Historic American Engineering Record
HALS	Historic American Landscapes Survey
Handbook	Air Quality and Land Use Handbook: A Community Health Perspective
HCD	State of California Department of Housing and Community Development
HCFCs	Hydrochlorofluorocarbons
HCM	Highway Capacity Manual
HCP	Habitat Conservation Plan
HDR	High Density Residential
HFCs	Hydrofluorocarbons
High GWP	High Global Warming Potential
HMBP	Hazardous Material Business Plan
HMTA	Hazardous Materials Transportation Act
HOV	High Occupancy Vehicle
HRAAs	health risk assessments
HSWA	Hazardous and Solid Waste Act
HTSs	household travel surveys
HUD	U.S. Department of Housing and Urban Development
HVAC	Heating, ventilation, and air conditioning
Hz	Hertz
I-80	interstate freeway 80
IGP	Industrial General Permit
IPaC	Information, Planning, and Conservation System
IPCC	Intergovernmental Panel on Climate Change
ISO	Insurance Service Office
ITS	intelligent transportation system
IWRP	Integrated Water Resources Plan
kV	kiloVolt
LAFCO	Local Agency Formation Commission
lb/day	pounds per day

LDL	Larson Davis Laboratories
L <sub>dn</sub>	Day-Night Average Level
LEAs	local enforcement agencies
L <sub>eq</sub>	Equivalent Sound Level
L <sub>eq[h]</sub>	A-weighted equivalent sound level
LID	low impact development
Lincoln	City of Lincoln
L <sub>max</sub>	Maximum Sound Level
L <sub>n</sub>	Percentile-Exceeded Sound Level
LOMR	Letters of Map Revision
LOS	level of service
LUST	leaking underground storage
MBTA	Migratory Bird Treaty Act
MEI	Maximally Exposed Individual
MERV	Minimum Efficiency Reporting Value
mg/m <sup>3</sup>	milligrams per cubic meter
MGD	million gallons per day
mgd	million gallons per day
MLD	Most Likely Descendant
MMBTU	one million British thermal unit
MMI	Modified Mercalli Intensity
MMT	million metric tons
MOU	Memorandum of Understanding
MOU Transition Area	Memorandum of Understanding established a transition area
MPO	metropolitan planning organization
MRF	Materials Recovery Facility
MT CO <sub>2e</sub>	metric tons of carbon dioxide equivalent equivalents
MTP	Metropolitan Transportation Plan
MUN	Municipal and Domestic Supply
MWh	mega-watt hours
NAAQS	national ambient air quality standards
NAC	noise abatement criteria
NAHC	Native American Heritage Commission
NCCP	Natural Community Conservation Plan
NCCP Act	California Natural Community and Conservation Planning Act
NCP	National Contingency Plan
NEMDC	Natomas East Main Drainage Canal
NESHAP	National Emission Standard for Hazardous Air Pollutants
NFIP	National Flood Insurance Program
NHPA	National Historic Preservation Act

NHTSA	National Highway Traffic Safety Administration
NIMS	National Incident Management System
NO <sub>2</sub>	nitrogen dioxide
NOA	naturally occurring asbestos
NOP	Notice of Preparation
NOV	notice of violation
CalRecycle	California Integrated Waste Management Board
NO <sub>x</sub>	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NPPA	Native Plant Protection Act
NRCS	U.S. National Resources Conservation Service
NRHP	National Register of Historic Places
NWI	National Wetlands Inventory
O <sub>3</sub>	ozone
OCPs	organochlorine pesticides
OEHHA	California Office of Environmental Health Hazard Assessment
OEHHA Guidance Manual	Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments
OES	California Office of Emergency Services
OPR	California Governor's Office of Planning and Research
OSHA	federal Occupational Safety and Health Administration
OSPOMP	Open Space Preserve Overarching Management Plan
PCAPCD	Placer County Air Pollution Control District
PCCP	Placer County Conservation Program
PCFCWCD	Placer County Flood Control and Water Conservation District
PCTPA	Placer County Transportation Planning Agency
PCWA	Placer County Water Agency
PFCs	Perfluorinated Chemicals
PG&E	Pacific Gas & Electric Company
PGWWTP	Pleasant Grove Wastewater Treatment Plant
PHMSA	Pipeline and Hazardous Materials Safety Administration
PM	particulate matter
PM <sub>10</sub>	PM with aerodynamic diameter less than 10 microns
PM <sub>2.5</sub>	PM with aerodynamic diameter less than 2.5 microns
Porter-Cologne Act	Porter-Cologne Water Quality Control Act
ppb	parts per billion
ppd	pounds per day
ppm	parts per million
PPV	peak particle velocity

Preserve Management Plan	Preserve Overarching Management Plan
proposed General Plan Update	City of Roseville 2035 General Plan Update
PSAP	public safety answering point
PV	photovoltaic
RCRA	Resource Conservation and Recovery Act of 1976
RCRMRP	Roseville Creek and Riparian Management and Restoration Plan
RD	Reclamation District
Reason Farms	Amoruso Ranch Specific Plan Area and the Al Johnson Wildlife Area
REP	Roseville Energy Park
Reporting Rule	Greenhouse Gas Reporting Rule
RHNA	Regional Housing Needs Allocation
RMPP	California Risk Management and Prevention Program
ROG	reactive organic gasses
Roseville Electric Utility	City of Roseville Electric Department
ROW	right-of way
RPS	renewable portfolio standard
RTP	Regional Transportation Plan
RTPAQ	Relationship to Transit, Pedestrian, Air Quality
RWD	Reports of Waste Discharge
RWQCBs	Regional Water Quality Control Boards
SACOG	Sacramento Area Council of Governments
SAFE	Safer Affordable Fuel-Efficient
SARA	Superfund Amendments and Reauthorization Act
SB	Senate Bill
Scoping Plan	Climate Change Scoping Plan
SCS	sustainable communities strategy
SEMS	California's Standardized Emergency Management System
SF <sup>6</sup>	Sulfur hexafluoride
SFPD	School Facilities Planning Division
SGMA	Sustainable Groundwater Management Act
SHMP	State Hazard Mitigation Plan
SHS	State Highway System
SIP	State Implementation Plan
Small MS4s	Small Municipal Separate Storm Sewer Systems
SMAQMD	Sacramento Metropolitan Air Quality Management District
SMARA	Surface Mining and Reclamation Act
SMUD	Sacramento Municipal Utilities District
SO <sub>2</sub>	sulfur dioxide
SOI	Sphere of Influence

SO <sub>x</sub>	oxides of sulfur
SPMUD	South Placer Municipal Utility District
SPRTA	South Placer Regional Transportation Agency
SPWA	South Placer Wastewater Authority
SR 65	State Route 65
SRA	State Responsibility Areas
SRTP	Short-Range Transit Plan
STAA	Surface Transportation Assistance Act
State	State of California
State Reclamation Board, previously known	Central Valley Flood Protection Board
Stormwater Ordinance	Stormwater Quality Management and Discharge Control Ordinance
SVAB	Sacramento Valley Air Basin
SVP	Society of Vertebrate Paleontology
SWCV	Solid Waste Collection Vehicles
SWPPP	storm water pollution prevention plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TCRs	tribal cultural resources
TDR	Transfer of Development Rights
the local CUPA	Placer County Division of Environmental Health
THRIS	Tribal Historical Resources Information System
TMDL	Total Maximum Daily Loads
TNCs	Transportation networking companies
TPAs	transit priority areas
tpd	tons of solid waste per day
TRUs	transport refrigeration units
U.S.C.	United States Code
UAIC	United Auburn Indian Community
UCMP	University of California, Berkeley Museum of Paleontology
ULDC	Urban Levee Design Criteria
ULOP	Urban Level of Flood Protection
UPAAG	Unified Program Administration and Advisory Group
UPRR	Union Pacific Railroad Company
USACE	U.S. Army Corps of Engineers
USDOT	U.S. Department of Transportation
USFWS	United States Fish and Wildlife Service
USGS	U.S. Geological Survey
USTs	Underground storage tanks
UWMP	Urban Water Management Plan

VELB	valley elderberry longhorn beetle
VMT	vehicle miles traveled
VOC	volatile organic carbon
WAPA	Western Area Power Administration
Wastewater Systems Evaluation	South Placer Regional Wastewater and Recycled Water Systems Evaluation
WDRs	waste discharge requirements
WPCGMP	West Placer County Groundwater Management Plan
WPGMP	Western Placer County Groundwater Management Plan
WPWMA	Western Placer Waste Management Authority
WRSL	Western Regional Sanitary Landfill
WRSP	West Roseville Specific Plan
WWTP	Wastewater Treatment Plan

# PREFACE

The City of Roseville (the City) has directed the preparation of an Environmental Impact Report (EIR) to evaluate the impacts of the of the *City of Roseville 2035 General Plan Update* (proposed General Plan Update), also referred to as “the proposed project.” The Draft General Plan Update EIR was prepared in compliance with the California Environmental Quality Act (CEQA) of 1970 (Public Resources Code Section 21000 *et seq.*) and the CEQA Guidelines (California Code of Regulations, Title 14, Section 15000 *et seq.*).

## PUBLIC REVIEW AND INPUT

The City encouraged review and input on the Draft General Plan Update EIR through a variety of means and has considered this input in developing the Final EIR.

## NOTICE OF PREPARATION AND THE SCOPE OF ANALYSIS

As described in Section 1.6 of the Draft General Plan Update EIR, the City circulated a Notice of Preparation (NOP) on August 26, 2019 to each responsible and trustee agency, special service districts, organizations, and individuals with an interest in or jurisdiction over the project. The NOP informed the public, interested parties, responsible agencies, trustee agencies, and potentially affected federal, state, and local agencies that the City plans to prepare an EIR. The NOP also seeks comments regarding the scope and content of the EIR. The City held a public scoping meeting for the project on September 17, 2019. Please see Appendix A of the Draft General Plan Update EIR for the NOP and responses.

## INPUT RECEIVED IN RESPONSE TO THE NOTICE OF PREPARATION

The City received NOP comment letters from the California Department of Transportation, the California Department of Fish and Wildlife, the Central Valley Regional Water Quality Control Board, the City of Citrus Heights, the Governor’s Office of Planning and Research (State Clearinghouse), the Native American Heritage Commission, Placer County, Placer County Air Pollution Control District, and Reclamation District 1000. The NOP responses suggested that the City should study the following topics, which are addressed in the Draft EIR vehicular travel demand (vehicle miles traveled, or VMT); direct, indirect, and cumulative biological resources effects; surface and groundwater quality; cultural resources and tribal cultural resources; greenhouse gas emissions; criteria air pollutant emissions; carbon monoxide concentrations and flooding and hydraulic impacts

## NATIVE AMERICAN CONSULTATION

The City contacted the Native American Heritage Commission to obtain a list of Native American Tribal representatives that may have an interest in the proposed General Plan Update and sent a letter inviting input to each of these representatives and all Native American Tribal representatives that have requested consultation by the City. The United Auburn Indian Community responded to this invitation to provide input and provided recommendations, which were incorporated into the proposed General Plan Update and Draft General Plan Update EIR.

The City has continued to invite input from Tribal representatives as a part of the General Plan and EIR process, including inviting input on both documents following the end of the public review period for the Draft EIR.

## CIRCULATION OF THE DRAFT GENERAL PLAN UPDATE EIR

The City published a newspaper notice, a notice with the Governor’s Office of Planning and Research, and a notice with the Placer County Clerk-Recorder, and circulated the Draft General Plan Update EIR for public review starting May 8, 2020 and ending on June 22, 2020. The City broadly notified responsible and trustee agencies, adjacent jurisdictions, school districts, and other potentially interested agencies, organizations, and individuals of the availability of the proposed General Plan Update and Draft General Plan Update EIR for review on the City’s website. The City also advertised and held a public meeting with the Planning Commission of the City of Roseville on June 25, 2020 and invited additional public input. As detailed in Chapter 9 of this Final EIR, the City received written and oral comments on the Draft EIR and has provided written responses to comments on environmental issues received from reviewers of the Draft EIR.

## CONTENTS OF THE FINAL EIR

The Final EIR includes:

- ▶ The Draft EIR (State Clearinghouse Number 2019080418);<sup>1</sup>
- ▶ The City’s response to each comment received on the Draft EIR; and
- ▶ A list of modifications to the Draft General Plan Update EIR.

In accordance with Section 15088 of the CEQA Guidelines, the City, as the lead agency, has reviewed the comments received on the Draft General Plan Update EIR and has prepared written responses to the comments received.

Chapter 9 of this Final EIR includes the comments received on Draft General Plan Update EIR and presents responses to these comments (as required by the CEQA Guidelines Section 15132). The focus of the responses to comments is on the disposition of significant environmental issues that are raised in the comments, as specified by Section 15088(c) of the CEQA Guidelines.

In some instances, responses to comments may warrant modification of the text of the Draft General Plan Update EIR. In those cases, the text of the Draft EIR is revised and the changes compiled in Chapter 10, Revisions to the Draft EIR. The text deletions are shown in ~~strikeout~~ (strikeout) and additions are shown in underline (underline).

## USE OF THE FINAL EIR

The Final EIR allows the public and the City an opportunity to review revisions to the Draft General Plan Update EIR and the responses to comments. The Final EIR serves as the environmental document to inform the City Council’s consideration of the proposed project.

As required by Section 15090(a)(1)-(3) of the CEQA Guidelines, a lead agency, in certifying a Final EIR, must make the following three determinations:

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<sup>1</sup> Chapters 1 through 8 of the Final EIR are the Draft EIR, as circulated, plus revisions made as a part of the Final EIR.

1. The Final EIR has been completed in compliance with CEQA.
2. The Final EIR was presented to the decision-making body of the lead agency, and the decision-making body reviewed and considered the information in the Final EIR prior to approving the project.
3. The Final EIR reflects the lead agency's independent judgment and analysis.

As required by Section 15091 of the CEQA Guidelines, no public agency shall approve or carry out a project for which an EIR has been certified that identifies one or more significant environmental effects of the project unless the public agency makes one or more written findings (Findings of Fact) for each of those significant effects, accompanied by a brief explanation of the rationale for each finding supported by substantial evidence in the record. The possible findings are:

1. Changes or alterations have been required in, or incorporated into the project which avoid or substantially lessen the significant environmental effect as identified in the Final EIR.
2. Such changes or alterations are within the responsibility and jurisdiction of another public agency and not the agency making the finding. Such changes have been adopted by such other agency or can and should be adopted by such other agency.
3. Specific economic, legal, social, technological, or other considerations, including provision of employment opportunities for highly trained workers, make infeasible the mitigation measures or project alternatives identified in the Final EIR.

In addition, as described in Section 15092 of the CEQA Guidelines, the City may not carry out a project for which an EIR was prepared unless the following additional Findings of Fact are made:

1. The project as approved will not have a significant effect on the environment, or
2. The agency has:
  - a. Eliminated or substantially lessened all significant effects on the environment where feasible as shown in findings under Section 15091, and
  - b. Determined that any remaining significant effects on the environment found to be unavoidable under Section 15091 are acceptable due to overriding concerns as described in Section 15093.

Finally, with regard to the overriding concerns described above for significant and unavoidable impacts, CEQA Guidelines Section 15093 requires lead agencies to balance environmental impacts with economic, legal, social, technological, or other benefits, including region-wide or statewide environmental benefits of a proposed project. If the benefits outweigh the unavoidable adverse environmental effects, the adverse environmental effects may be considered acceptable. If there are significant and unavoidable environmental impacts and the lead agency wishes to approve a project, the lead agency must state the reasons for approval in writing.

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