

3.0 EXECUTIVE SUMMARY

3.1 INTRODUCTION

TABLE 3-1
Summary Table of Impacts and
Mitigation Measures are found on the following pages.

TABLE 3-1
SUMMARY OF IMPACTS AND MITIGATION MEASURES

Impact Number	Impact	SV or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance
4.1	Land Use and Agricultural Resources				
4.1-1	Conflicts with Land Use Plans, Policies, or Regulations. Implementation of the proposed Specific Plan would require the adoption of new zoning districts and a General Plan amendment.	SV	LTS	None required	LTS
		UR	PS	MM 4.1-1 Blueprint policies	LTS
4.1-2	Potential incompatibility of internal land uses. The proposed project will include residential, commercial and parks land uses. Design of the individual projects consistent with the City's Communitywide Design Guidelines would reduce the potential for conflicts.	SV	LTS for potential sensitive use adjacencies S for agricultural compatibility and temporary construction impacts and McClellan overflights	Conditions of approval for deed disclosures; MM 4.6-1 Construction noise measures; MM 4.6-2 Commercial noise controls. MM 4.14.1 Site lighting to minimize nuisance	LTS
		UR	LTS for potential sensitive use adjacencies S for agricultural compatibility and temporary construction impacts and McClellan overflights	WMM 4.1-2 Policies to minimize agricultural impacts;	LTS
4.1-3	Potential incompatibility with existing agricultural and other land uses in the Urban Reserve parcels, the County, and the City of Roseville. It is expected that grazing and rural residential land uses could continue for some time. However, the uses are not expected to significant impact future residents in the specific plan. A deed disclosure	SV	S	Condition of approval for deed disclosure WMM 4.1-2 Policies to minimize agricultural impacts	LTS
		UR	S	Condition of approval for deed disclosure WMM 4.1-2 Policies to minimize agricultural impacts;	LTS

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	regarding activities would notify future residents of potential agricultural activities.			WMM 4.5-2 Construction noise policies; WMM 4.4-3 Reduction of construction emissions	
4.1-4	Potential incompatibility from overflight operations at McClellan Airfield. The project is located approximately 4 miles north of McClellan Airfield. It will be subject to overflights.	SV	S	Condition of approval for deed disclosure for overflights	SU
		UR	PS	Condition of approval for deed disclosure for overflights	SU
4.1-5	Conversion of agricultural land to developed uses. The project would convert grazing land to urban uses. However, no prime land or soils that support agricultural uses are present on the project site.	SV	S	MM 4.1-2 Agricultural compensation; MM 4.8-4 Off-site and on-site preservation of grassland habitat	LTS
		UR	S	MM 4.1-3 Agricultural conversion policies	LTS
4.2	Population, Employment and Housing				
4.2-1	Significant change in the jobs/housing balance. The proposed project would increase the number of jobs and housing units in the City, but would not create a jobs/housing imbalance.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.2-2	Provision of Affordable Housing. The proposed project would provide approximately 6,650 new residential units, a substantial portion of which will be medium and high-density that would provide affordable housing options. Further the project will comply with the City's 10 percent affordability standards.	SV	LTS	None required	LTS
		UR	S	WMM 4.2-1 Affordable housing policies	LTS

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4.2-3	Displacement of existing housing. The proposed project would not displace existing housing to households of low or moderate income.	SV	LTS	None required	LTS
		UR	NI	None required	NI
4.2-4	Inducement of substantial population growth. The proposed project would result in substantial population growth.	SV	S	None available	SU
		UR	S	None available	SU
4.3	Transportation and Circulation				
4.3-1	Increased volumes on City of Roseville existing conditions. Unacceptable Peak Hour LOS at Signalized Intersections under Existing Plus Project Conditions. With the introduction of traffic from the proposed project, peak hour traffic volumes would increase at several signalized study intersections in the Plan area, resulting in an LOS of D or worse at various intersections.	SV	S	MM 4.3-1 Pay fair share of improvements in the CIP including improvements to Roseville Intersections	LTS
		UR	S	MM 4.3-1 Pay fair share of improvements in the CIP including Improvements to Roseville Intersections	LTS
4.3-2	Increased demand for transit. Unacceptable AM and PM. Peak Hour LOS at Signalized Intersections under Cumulative (2020) Plus Project Conditions. The proposed project would increase traffic conditions in the City of Roseville.	SV	LTS	None Required	LTS
		UR	PS	WMM 4.3-9 Transit service policies and the City's current policies and other routes in conformance with City's adopted transit plan.	LTS
4.3-3	Impacts to bicycle facilities. Implementation of the proposed land uses in the Plan area would increase the demand for bicycle facilities in the plan area.	SV	LTS	None required	LTS
		UR	PS	WMM 4.3-7 Provide appropriate bicycle network with future specific plan submittal	LTS

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4.3-4	Increased volumes on City of Rocklin roadways existing conditions. Implementation of the proposed land uses in the Plan area would increase traffic in the city of Rocklin.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.3-5	Increased volumes on City of Lincoln roadways existing conditions. Implementation of the proposed land uses in the Plan area would increase traffic in the city of Lincoln.	SV	NI	None required	NI
		UR	NI	None required	NI
4.3-6	Increased traffic volumes on Placer County roadways Intersections under existing conditions. ➤ Baseline Road and Locust (LOS C to LOS F) ➤ Watt Avenue and PFE Road (LOS C to LOS F) ➤ Walerga Road and PFE Road (LOS E to LOS F)	SV	S	MM 4.3-2 Contribute project's fair share of costs of the construction of transportation facilities and/or improvements on Placer County facilities.	SU
		UR	S	WMM 4.3-4 Construct identified improvements on Placer County roadways; MM 4.3-2 Contribute project's fair share of costs of the construction of transportation facilities and/or improvements on Placer County facilities.	SU
4.3-7	Increase traffic volumes on Placer County roadway segments under existing conditions. ➤ Baseline Road west of Specific Plan (LOS A to LOS E) ➤ Watt Avenue south of Baseline Road (LOS A to LOS F) Walerga Road south of Baseline (LOS D to LOS F)	SV	S	MM 4.3-3 Contribute project's fair share of costs of the construction of transportation facilities and/or improvements on Placer County facilities	SU
		UR	S	WMM 4.3-4 Contribute project's fair share of costs of the construction of transportation facilities and/or improvements on Placer County facilities; MM 4.3-3 Contribute project's fair share of costs of the construction of transportation facilities and/or improvements on Placer County facilities	SU

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Impact Number	Impact	SV or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance
4.3-8	Increased traffic volumes on existing Sacramento County intersections. Implementation of the proposed land uses in the Plan area would increase traffic in Sacramento County.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.3-9	Increased traffic volumes on existing Sacramento County roadway segments.	SV	S	MM 4.3-4 Contribute project's fair share costs of the construction of transportation facilities and/or improvements on Sacramento County facilities.	SU
		UR	S	MM 4.3-4 Contribute project's fair share costs of the construction of transportation facilities and/or improvements on Sacramento County facilities.	SU
4.3-10	Increased traffic volumes on existing Sutter County intersections.	SV	S	MM 4.3-7 Pay fair share of improvements.	SU
		UR	S	MM 4.3-7 Pay fair share of improvements.	SU
4.3-11	Increased traffic volumes on existing Sutter County roadways.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.3-12	Increased traffic volumes on existing State interchanges. Two interchanges would degrade with traffic from the project under existing conditions. ➤ SR 65 Northbound on at Stanford Ranch/Galleria Boulevard ➤ I-80 Eastbound off at Taylor Road/Eureka Boulevard	SV	S	MM 4.3-5 Contribute project's fair share costs of the construction of transportation facilities and/or improvements on Federal or State facilities	LTS
		UR	S	MM 4.3-5 Contribute project's fair share costs of the construction of transportation facilities and/or improvements on Federal or State facilities	LTS

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Impact Number	Impact	SV or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance
4.3-13	Increased traffic volumes on existing State highways.	SV	S	MM 4.3-6 Contribute project's fair share costs of the construction of transportation facilities and/or improvements on Federal and State facilities	SU
		UR	S	MM 4.3-6 Contribute project's fair share costs of the construction of transportation facilities and/or improvements on Federal and State facilities	SU
4.3-14	Increased traffic on City of Roseville under 2025 conditions. Under the year 2025 scenario the project would cause level of service impacts to intersections.	SV	S	MM 4.3-1 Modify City's CIP to provide for the intersection improvements.	SU
		UR	S	MM 4.3-1 Traffic improvement policies	SU
4.3-15	Consistency of project with City's policy of 70 percent of intersections operating at LOS C or better. The project would meet the City's 70 percent LOS policy under year 2025 conditions.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.3-16	Increased traffic on Placer County intersections under 2025 conditions. Traffic from the project would cause and impact intersections.	SV	LTS	None required.	LTS
		UR	PS	MM 4.3-2 Contribute project's fair share costs of the construction of transportation facilities and/or improvements on Placer County facilities.	SU
4.3-17	Increased traffic on Placer County segments under 2025 conditions.	SV	S	MM 4.3-3 Contribute project's fair share costs of the construction of transportation facilities and/or improvements on Placer County facilities.	SU
		UR	S	WMM 4.3-4 Contribute project's fair share costs of the construction of transportation facilities and/or improvements on Placer County facilities.	SU

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4.3-18	Increased traffic on Sacramento County roadway intersections under 2025 conditions. None of the Sacramento County intersections experience a significant level of service degradation with the addition of the proposed project. Two LOS F intersections show V/C increases of 0.02, which is less than the 0.05 increase needed to trigger an impact.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.3-19	Increased traffic on Sacramento County roadway segments under 2025 conditions. Walerga Road south of PFE would increase in volume more than 0.07 which is considered significant.	SV	S	MM 4.3-4 Contribute project's fair share costs of the construction of transportation facilities and/or improvements on Sacramento County facilities	SU
		UR	S	MM 4.3-4 Contribute project's fair share costs of the construction of transportation facilities and/or improvements on Sacramento County facilities	SU
4.3-20	Increased traffic on Sutter County intersections under 2025 conditions. No intersections would be impacted in 2025 conditions with the project.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.3-21	Increased traffic on Sutter County roadway segments under 2025 conditions.	SV	S	MM 4.3-7 Pay fair share improvements	SU
		UR	S	MM 4.3-7 Pay fair share improvements	SU
4.3-22	Increased traffic on City of Rocklin roadway segments under 2025 conditions. No impacts would occur with project traffic in 2025.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS

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4.3-23	Increased traffic volumes on existing State interchanges.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.3-24	Increased traffic volumes on existing State highways.	SV	S	MM 4.3-6 Contribute project's fair share costs of the construction of transportation facilities and/or improvements on Federal or State facilities	SU
		UR	S	MM 4.3-6 Contribute project's fair share costs of the construction of transportation facilities and/or improvements on Federal or State facilities	SU
4.3-25	Short and long-term construction impacts.	SV	S	MM 4.1-2 Agricultural compensation; MM 4.4-1 Dust and construction control measures; MM 4.6-1 Construction noise reduction; MM 4.8-1(a) No net loss of wetlands; MM4.8-7 Off-site surveys; MM 4.8.6 Habitat restoration; MM 4.8-7 Offsite surveys; MM 4.9-1 Cease work until review conducted by qualified archaeologist; MM 4.9-2 Cease work until review conducted by qualified paleontologist and recommendations implemented; MM 4.9-3 Off-site cultural resource surveys; MM 4.13-2 Stormwater Management Development Standards;; MM 4.10-1 Identify potential hazardous Materials.	SU

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		UR	S	WMM 4.4-3 Reduction of construction emissions; WMM 4.5-2 Construction noise policies; WMM 4.9-2 Soil contamination policies; WMM 4.7-2 Wetland protection policies; WMM 4.7-15 Conduct appropriate off-site surveys; WMM 4.8-2 Include policies and conditions that require proper handling of archaeological resources; WMM 4.8-13 Conduct appropriate studies; MM 4.1-2 Agricultural compensation; MM 4.13-3 Storm water quality policies.	SU
4.4	Air Quality				
4.4-1	Generate short-term construction-related emissions. Modeled short-term project-generated ozone precursor and fugitive dust emissions from construction activities in Plan area would exceed PCAPCD's significance threshold of 82 lbs/day. Thus, project-generated, construction-related emissions of ROG, NOx and PM10 could violate or contribute substantially to an existing or projected air quality violation and/or expose sensitive receptors to substantial pollutant concentrations, especially considering the nonattainment status of Western Placer County. As a result, this impact is considered significant.	SV	S	MM 4.4-1 Dust and construction control measures	Short-term SU
		UR	S	WMM 4.4-2 Dust and construction control policies; WMM 4.4-3 Reduction of construction emissions	Short-term SU

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4.4-2	Generate long-term operation-related (regional) emissions. Operation-related activities would result in project-generated emissions of ROG, NOx or PM10 that exceed PCAPCD's significance threshold of 82 lb/day. Project-generated operation-related emissions of ROG and NOx would also exceed PCAPCD's recommended cumulative summertime threshold of 10 lb/day. In addition, the proposed project would require a General Plan amendment to allow for development of desired land uses in downtown Roseville. Thus, project-generated, operation-related emissions of criteria air pollutants and precursors could violate or contribute substantially to an existing or projected air quality violation, expose sensitive receptors to substantial pollutant concentrations and/or conflict with air quality planning efforts. As a result, this impact is considered significant.	SV	S	WMM 4.4-4 Project measures to reduce operational emissions	SU
		UR	S	WMM 4.4-4 Project measures to reduce operational emissions WMM 4.4-6 Operational emissions policies	SU
4.4-3	Generate carbon monoxide emissions at local intersections. Project-generated, long-term operation-related (local) mobile-source emissions of CO would not violate or contribute substantially to a violation of the CAAQS or NAAQS, or expose sensitive receptors to substantial pollutant concentrations. This impact would be less than significant.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS

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4.4-4	Exposure to toxic air contaminants.	SV	PS	MM 4.4-2 Screening health risks WMM 4.4-7(a) Risk assessment and site specific measures	LTS
		UR	PS	WMM 4.4-7 (a) Risk assessment and site specific measures	LTS
4.4-5	Exposure of sensitive receptors to odors.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.4-6	Consistency with plans and policies	SV	S	WMM 4.4-4 Project measures to reduce operational emissions; MM 4.5-1 Reduction of operational emissions	SU
		UR	S	WMM 4.4-6 Operational emissions policies	SU
4.5	Climate Change and Greenhouse Gas Emissions				
4.5-1	Increased short-term construction-related and long-term operational greenhouse gas emissions.	SV	PS	MM 4.5-1 Air quality measures; MM 4.5-2 Additional measures to reduce greenhouse gas emissions	SU
		UR	PS	WMM 4.4-4 Reduction of construction emissions; WMM 4.4-6 Operational emission policies	SU
4.5-2	Impacts on the proposed project related to global climate change.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS

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4.6	Noise				
4.6-1	Short-term noise generated by construction activity. Implementation of the proposed project would result in short-term construction activities associated with individual development projects in the Plan area. These construction activities could potentially expose sensitive receptors to noise levels in excess of the applicable noise standards and/or result in a noticeable increase in ambient noise levels. Therefore, this impact is considered potentially significant.	SV	S	MM 4.6-1 Construction noise reduction	SU
		UR	S	WMM 4.5-2 Construction noise policies MM 4.6-1 Construction noise reduction	SU
4.6-2	Commercial noise sources. Implementation of the proposed project would result in increases in stationary source noise associated with the proposed residential and commercial land uses. These stationary noise sources could potentially exceed the City's noise standards (hourly and maximum) and result in a noticeable increase in ambient noise levels.	SV	S	MM 4.6-2 Commercial noise controls	LTS
		UR	PS	WMM 4.5-4 Commercial noise policies	LTS
4.6-3	Noise from school-related activities.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.6-4	Park noise.	SV	PS for Community-wide park and LTS for neighborhood parks	MM 4.6-3 Attenuate park noise	LTS for Community-wide park and LTS for neighborhood parks
		UR	NI for Community-	None required	NI for Community-wide

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			wide parks, and LTS for neighborhood parks		parks, and LTS for neighborhood parks
4.6-5	Fire station noise.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.6-6	Existing plus project increase in traffic noise. The plan would increase traffic on local roadways that would increase traffic generated noise levels in the vicinity of the project area.	SV	S	MM 4.6-4 Traffic noise attenuation	SU
		UR	S	WMM 4.5-8 On-site traffic noise attenuation WMM 4.5-10 On-site traffic noise policies	LTS
4.6-7	Year 2025 plus project increase in traffic noise outside the plan area. The plan would increase traffic on local roadways that would increase traffic generated noise levels in the vicinity of the project area.	SV	S	No feasible mitigation available	SU
		UR	S	No feasible mitigation available	SU
4.6-8	Traffic noise impacts at future noise sensitive uses within the project area.	SV	S	MM 4.6-4 Traffic noise attenuation	LTS
		UR	S	WMM 4.5-8 Onsite traffic noise attenuation WMM 4.5-10 Onsite traffic noise policies	LTS
4.6-9	Consistency with the General Plan Noise Element for transportation noise sources and General Plan Amendment. Existing traffic levels in the city exceed the 60 db Ldn standard. The project would add to the existing noise levels.	SV	S	No feasible mitigation available	SU
		UR	S	No feasible mitigation available	SU
4.6-10	McClellan overflight noise. Aircraft at McClellan fly under 3,000 feet over the project	SV	S	Condition of approval for deed disclosures	SU

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	area. Single event noise could cause a nuisance to future residents.	UR	S	Condition of approval for deed disclosures	SU
4.7	Geology, Soils and Seismicity				
4.7-1	Soil erosion from grading activities.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.7-2	Development of structures on expansive soils or on soils with other limitations.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.7-3	The loss of topsoil due to conversion of agricultural land to urban uses.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.7-4	Exposure to people and structures to seismic hazards.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.8	Vegetation and Wildlife				
4.8-1	Loss of federally protected wetlands and "other waters" of the United States. The project would result in the loss of approximately wetlands and waters of the United States.	SV	S	MM 4.8-1(a) Ensure no net loss of wetlands; MM 4.8-1(b) Wetland avoidance/mitigation plan	LTS
		UR	S	WMM 4.7-2 Wetland protection policies	LTS
4.8-2	Loss of Federally Listed Vernal Pool Crustaceans and their habitat. Vernal Pool Fairy Shrimp are present within the project site. Construction activities could impact this species.	SV	S	MM 4.8-1(a) Ensure no net loss of wetlands; MM 4.8-1(b) Wetland avoidance/mitigation plan MM 4.8-4 Onsite and Offsite grassland preservation.	LTS
		UR	S	WMM 4.7-2 Wetland protection policies; WMM 4.7-3 Vernal pool crustacean policies	LTS

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4.8-3	Loss of rare plant populations. The project area contains vernal pool habitat. Vernal pools represent potential habitat for dwarf doweringia, legenere, and other special status plants. Dwarf doweringia was identified onsite.	SV	S	MM 4.8-1(a) Ensure no net loss of wetlands; MM 4.8-1(b) Wetland avoidance/mitigation plan	LTS
		UR	S	WMM 4.7-2 Wetland protection policies	LTS
4.8-4	Loss or degradation of habitat for Western Spadefoot. No spadefoots were identified during surveys, however, the potential exists for spadefoots to occur on site.	SV	S	MM 4.8-1(a) Ensure no net loss of wetlands; MM 4.8-2 Relocate Western Spadefoots MM 4.8-4 Offsite and onsite preservation of grassland habitat	LTS
		UR	S	WMM 4.7-5 Spadefoot protection policies; WMM 4.7-2 Relocate Western Spadefoots	LTS
4.8-5	Loss or degradation of habitat for Red-Legged Frog, California Tiger Salamander, and Western Pond Turtle. Implementation of the proposed project would include enhancement of the aquatic and riparian woodland habitats within and along Curry Creek, providing a beneficial long-term impact. None of the species are known to occur in the project area.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.8-6	Disruption of Swainson's Hawk, Burrowing Owl, and other legally protected raptors. Construction activities have the potential to damage or disturb Swainson's Hawk, burrowing owls and other raptors through construction activities.	SV	S	MM 4.8-3 Avoid nesting sites; MM 4.8-4 Preservation of off-site grasslands	LTS
		UR	S	WMM 4.7-7 Nest protection policies	LTS
4.8-7	Loss of Grassland Habitat. The project would result in	SV	S	MM 4.8-4 On-site and off-site preservation of grassland habitat	LTS

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	the conversion of grassland habitat to urban uses.	UR	S	WMM 4.7-9 Swainson's hawk habitat policies	LTS
4.8-8	Substantial interference with the movement of resident and migratory wildlife species. Proposed project features, grading, and construction activities may overlap or may occur within the drip line of protected trees. Depending upon the configuration of the approved site plans and the final extent of grading, the project may result in potentially significant impacts to protected trees.	SV	S	MM 4.8-5 Wildlife movement protection policies; MM 4.14-3 Avoid light spillover	LTS
		UR	S	WMM 4.7-11 Stream protection policies; WMM 4.7-13(d) Riparian habitat policies; MM 4.14-3 Avoid light spillover	LTS
4.8-9	Loss of Oak trees of greater than 6 inches in diameter. A total of six oak trees occur in the project area. Compliance with the City's Tree Preservation Ordinance will ensure that oak trees are protected.	SV	LTS	None required	LTS
		UR	NI	None required	NI
4.8-10	Loss of riparian habitat. Implementation of the proposed project would result in development that would occur within the riparian habitat and stream corridors along Curry Creek and other drainages. Some portions of the project are entirely within or adjacent to the stream corridor. This proximity presents the possibility of direct and secondary effects to the habitat due to removal of riparian habitat and/or spillover of human intrusion.	SV	S	MM 4.8-5 Wildlife movement protection policies; MM 4.14-3 Avoid light spillover	LTS
		UR	NI	None required	NI

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4.8-11	Loss of biological resources due to construction of off-site infrastructure.	SV	S	MM 4.8-7 Off-site surveys; MM 4.8-1(a) Ensure no net loss of wetlands; MM 4.8-1(b) Wetland avoidance/mitigation plan; MM 4.8-2 Relocate Western Spadefoots; MM 4.8-3 Avoid nesting sites; MM 4.8-4 Off-site and on-site preservation of grassland habitat; MM 4.8-5 Wildlife movement protection policies; MM 4.8-6 Habitat restoration/on-site preservation.	LTS
		UR	S	WMM 4.7-2 Wetland protection policies; WMM 4.7-3 Vernal pool crustacean policies; WMM 4.7-5 Spadefoot protection policies; WMM 4.7-9 Swainson's hawk habitat policies; WMM 4.7-11 Stream protection policies; WMM 4.7-15 Conduct appropriate surveys.	LTS
4.8-12	Conflict with the provision of an adopted habitat conservation plan, natural conservation community plan or other approved conservation plan. The County is currently preparing the Placer County Conservation Plan. Although the City is not participating the SVSP project and associated mitigation has been developed to complement the proposed program.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.8-13	Potential impacts to the California Black Rail. There are no known populations of Black Rail	SV	S	MM 4.8-1(a) Ensure no net loss of wetlands; MM 4.8-3 Avoid nesting sites	LTS

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SUMMARY OF IMPACTS AND MITIGATION MEASURES

Impact Number	Impact	SV or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance
	within the project area. However, if Black Rails are discovered construction activities could impact this species.	UR	NI	None required	NI
4.8-14	Potential impacts to bats. Suitable habitat for bats is not present in the project site.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.8-15	Potential impacts to Giant Garter Snake. No known populations of Garter Snake are present within the project area. Further, the Curry Creek drainage will be set aside in permanent open space.	SV	LTS	None required	LTS
		UR	NI	None required	NI
4.8-16	Impacts to fish habitat. Anadromous fish species, such as Central Valley spring and winter-run Chinook salmon and steelhead are not anticipated to occur within Curry Creek.	SV	LTS	None required	LTS
		UR	NI	None required	NI
4.8-17	Impacts to beavers. Numerous populations of beavers are known to occur throughout the Roseville area. They are not federally or state protected. While beavers may be present in Curry Creek, construction of the project would be considered a less than significant impact.	SV	LTS	None required	LTS
		UR	NI	None required	NI
4.9	Cultural and Paleontological Resources				
4.9-1	Disturb, damage or destroy unidentified subsurface archaeological or historical resources or human remains during project construction. No significant resources were identified during surveys. However, subsurface	SV	S	MM 4.9-1 Cease work and consult with qualified archaeologist	PSU
		UR	S	WMM 4.8-2 Cultural resources handling and protection.	PSU

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Impact Number	Impact	SV or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance
	construction activities including grading or trenching could uncover previously unidentified resources.				
4.9-2	Removal of historically significant properties and/or loss of historic integrity of such resources. No historical resources are known to occur in the Plan area.	SV	LTS	None required	LTS
		UR	NI	None required	NI
4.9-3	Disturb unknown paleontological resources during site preparation. Project-related construction activities could uncover or otherwise disturb previously undiscovered or unrecorded paleontological resources.	SV	S	MM 4.9-2 Cease work and consult and qualified paleontologist	LTS
		UR	S	WMM 4.8-11, Policies that require paleontologist review and recommendations should resources be uncovered	LTS
4.9-4	Damage or destroy historical, archaeological, prehistoric, or paleontological resources during construction of off-site infrastructure. Construction of utility lines and roadway improvements could result in impacts to historic resources.	SV	S	MM 4.9-1 Cease work and consult with qualified archaeologist MM 4.9-2 Cease work and consult with qualified paleontologist MM 4.9-3 Conduct appropriate studies	LTS (as to Archaeological, paleontological resources); Potentially SU (as to historical resources)
		UR	S	WMM 4.8-11 Include policies and conditions that require proper handling of paleontological resources; WMM 4.8-13 Conduct appropriate studies	LTS (as to Archaeological, paleontological resources); Potentially SU (as to historical resources)

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4.10	Hazards and Hazardous Materials and Public Safety				
4.10-1	Increased potential for accidental release or spill of hazardous materials during construction or occupancy. The proposed project would involve the storage, use, and transport of hazardous materials at individual project sites during construction activities. In addition, because the Plan envisions commercial land uses, it is likely that some facilities (e.g., dry cleaners, gas stations) could use hazardous materials during operation. However, use of hazardous materials in the Plan area would require compliance with local, state, and federal regulations. Furthermore, the City of Roseville performs annual inspections of all businesses utilizing hazardous materials and requires each business to file a Hazardous Materials Management Plan. Therefore, impacts related to creation of significant hazards to the public through routine transport, storage, use, disposal, and risk of upset would not occur. This impact is considered less than significant.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS

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Impact Number	Impact	SV or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance
4.10-2	Increased demand for hazardous materials incident response. Conformance with CCR, UBC and the UFC, as well as the development of the additional fire station, would provide hazardous materials incident response services. In addition, General Plan Safety Element Policies and compliance with applicable federal and state laws that are administered by the Fire Department would ensure that this impact would be less than significant.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.10-3	Risk of exposure to accidental releases of hazardous materials from adjacencies to the natural gas line. Pacific Gas and Electric Company (UR&E) is proposing to construct and operate a natural gas transmission pipeline along Baseline Road (Line 407E) as part of a larger project that spans Yolo, Sutter, Sacramento and Placer Counties. Line 407E would connect with Line 123 at the intersection of Baseline Road and Fiddymont Road. The 30-inch diameter pipeline would be located within a 50-foot private, permanent right of way easement, at a minimum depth of approximately five feet.	SV	LTS	Condition of approval for deed disclosure	LTS
		UR	NI	None required	NI
4.10-4	Increased risk of soil or water contamination from improper disposal of household hazardous waste. The City of Roseville's existing household hazardous waste programs would ensure that risk is minimized.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS

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Impact Number	Impact	SV or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance
4.10-5	Soil or groundwater contamination from past uses. Past practices associated with the rural residential uses have resulted in some minor areas of potential soil contamination.	SV	S	MM 4.10-1 Identify and remediate soil contamination	LTS
		UR	S	WMM 4.9-2 Soil contamination policies	LTS
4.10-6	Use of recycled water for landscape in areas accessible to the public. Recycled water would be conveyed to the SVSP for use in irrigation for parks, and landscaping in medians, landscaping for commercial areas and common areas in high density residential neighborhoods. Compliance with all health standards would ensure that impacts are minimized.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.10-7	Potential effects of electromagnetic fields (EMF) from high-voltage transmission lines. Power lines, electrical wiring and appliances all produce electric and magnetic fields. Development of the project area would increase the number of people who would be exposed to potential risks associated with EMF. Implementation of the City's General Plan policies including appropriate setbacks from the corridor would ensure that impacts would be less than significant .	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.11	Public Services				
4.11.1	Increased demand for police protection services. The project will increase the demand for police officers,	SV	LTS	None required	LTS
		UR	LTS	None required	LTS

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Impact Number	Impact	SV or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance
	however, the increase in personnel would not constitute an environmental impact.				
4.11.2	Increased demand for fire protection services. Development in the Plan area would result in increased demand for fire protection and emergency medical services, potentially resulting in the need for additional staff and equipment to maintain an adequate level of service. A Fire Station is proposed as part of the project.	SV	LTS	None required	LTS
		UR	PS	WMM 4.10-4 Demonstrate Adequate Response Times and WMM 4.10-6 Adopt fire prevention and Suppression Policies	LTS
4.11.3	Increased demand for school services. Implementation of the proposed project would increase demand for elementary school (K-5), middle school (6-8), and high school (8-12) services in Center Unified School District. Two elementary schools and one middle-school is included in the project. Existing capacity is available to serve high school students.	SV	LTS for school capacity and PS for safe routes to school	MM 4.11-3 Safe Routes to School	LTS
		UR	S	WMM 4.10-7 Designate school sites as needed, and WMM 4.10-8 School Transportation Policies	LTS
4.11.4	Increased demand on library services. While the proposed project would increase the demand for library services, the project would not result in a significant physical impact on the environment.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.11.5	Increased demand for park facilities. The SVSP includes approximately 373 acres of park uses. This is split into 39.9 acres for the Signature Citywide park, 50.0 acres of Neighborhood parks, and approximately 256 acres of open space	SV	LTS	None required	LTS
		UR	LTS	None required	LTS

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Impact Number	Impact	SV or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance
4.12	Public Utilities				
4.12.1-1	Availability of water supplies to meet demand in normal/wet years. The City has sufficient existing surface water supplies to meet the needs of the project.	SV	LTS	None required	LTS
		UR	S	WMM 4.11-1 Secure Adequate Water Supply for Wet and Dry Years	SU
4.12.1-2	Availability of water supplies to meet demand in dry years. The City would rely on its surface water entitlements and would supplement with groundwater during dry or driest years consistent with City General Plan policies.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.12.1-3	Impact on American River and Delta Associated with the Diversion of the amount of surface water needed for project (3,915 AYF Minus Recycled Water Component).	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.12.1-4	Capacity of water treatment system to meet potable demand.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.12.1-5	Extension of potable water distribution system.	SV	LTS	None required	LTS
		UR	S	WMM 4.11-4 Potable Water Storage Facility Policies	LTS
4.12.1-6	Groundwater Use	SV	LTS	None required	LTS
		UR	LTS	None Required	LTS
4.12-7	Changes in Groundwater Recharge potential through development of impervious surfaces	SV	LTS	None Required	LTS
		UR	LTS	None Required	LTS
4.12.2-1	Availability of recycled water to meet demand and installation of recycled water infrastructure.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS

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Impact Number	Impact	SV or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance
4.12.3-1	Construction or expansion of wastewater collection facilities. The project will construct needed infrastructure to connect with the City's wastewater collection system.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.12.3-2	Construction or expansion of wastewater treatment facilities. The project along with other foreseeable projects within the service area boundary would require the expansion of the Pleasant Grove Wastewater Treatment Plant.	SV	S	MM 4.12.3-1 Treatment plant capacity	LTS
		UR	S	MM 4.11-6 Treatment plant capacity policies	LTS
4.12.3-3	Water quality impacts from wastewater discharges beyond the SPWA 2005 Service Area Boundary.	SV	S	MM 4.12.3-1 Treatment plant capacity	LTS
		UR	S	WMM 4.11-6 Treatment plant capacity policies	LTS
4.12.4-1	Increased demand for solid waste services at the materials recovery facility.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.12.4-2	Increased demand for solid waste services at the landfill. The proposed project has the potential to reduce the life of the landfill.	SV	S	WMM 4.11-7 Expand the WRSL landfill	SU
		UR	S	WMM 4.11-7 Expand the WRSL landfill	SU
4.12.4-3	Expansion of the landfill.	SV	S	WMM 4.11-7 Expand the WRSL landfill	SU
		UR	S	WMM 4.11-7 Expand the WRSL landfill	SU
4.12.4-4	Construction debris demand for solid waste services.	SV	S	WMM 4.11-11 Divert construction debris	LTS
		UR	S	WMM 4.11-11 Divert construction debris	LTS
4.12.5-1	Increased demand for electricity. Roseville Electric has sufficient electric supplies to serve the project.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS

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4.12.5-2	Increased demand for natural gas. UR&E has indicated it has sufficient natural gas to serve the project.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.12.5-3	Increased demand on cable television and telephone services. While the project would increase demand for cable and phone service this is not a significant environmental impact.	SV	LTS	None required	LTS
		UR	LTS	None required	LTS
4.13	Hydrology and Water Quality				
4.13-1	Changes in the rate of stormwater runoff (peak flows) through the development of new impervious surfaces. The project would convert rural land to urban uses which would increase runoff.	SV	LTS	None required	LTS
		UR	S	WMM 4.12-1 Prepare site specific drainage study	LTS
4.13-2	Increase in the amount of surface runoff, which would exceed the capacity of existing storm drainage systems and increase the potential for downstream flooding.	SV	S	WMM 4.12-2 Pay fair share of Roseville Regional Stormwater Retention Facility improvements.	LTS

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	The Project would increase impervious surfaces, which could generate additional stormwater runoff. This would increase the volume of surface runoff entering Curry Creek watershed over existing conditions. In addition, development and grading would alter the existing runoff patterns and conveyance capacities on the properties. Development of the project is estimated to generate an additional runoff volume of 190.42 acre feet over the 8-day storm model.	UR	S	WMM 4.12-3 Retention policies	LTS
4.13-3	Placement of fill or structures in 100-year floodplain could affect water surface elevations, which could increase the risk of flooding.	SV	LTS	None required	LTS
	The project does not propose development within the 100-year floodplain. Minor amounts of fill would be needed which would not substantially alter the floodplain.	UR	S	WMM 4.12-4 Floodplain policies	LTS
4.13-4	Erosion and runoff from construction sites containing soil or other materials could degrade water quality if discharged to local streams.	SV	S	MM 4.13-1 Implementation of construction activity stormwater protection standards	LTS
	Project developers are required by state law to obtain and comply with the State General Construction Activity Stormwater Permit. They are also required under by City ordinance (RMC Chapter 14.20) to fully comply with the State construction permit and reduce pollutants to the maximum extent	UR	S	MM 4.13-2 Stormwater management development standards; MM 4.13-3 Water quality policies	LTS

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	practicable. Compliance with the permit would involve creation of a Stormwater Pollution Prevention Plan (SWPPP and the implementation of Best Management Practices (BMPs), as outlined in the SWPPP.				
4.13-5	Changes in surface water or groundwater quality resulting from urban stormwater runoff. Development in the SVSP would result in a change in the types and amounts of pollutants discharged through stormwater outfalls as undeveloped land is converted to urban uses.	SV	S	MM 4.13-2 Stormwater management development standards	LTS
		UR	S	MM 4.13-3 Storm water quality policies	LTS
4.14	Aesthetics				
4.14-1	Alteration of the visual character of the site and vicinity. Development of the project area would convert over 1,600 acres of currently undeveloped grassland to urban uses. The introduction of residences, commercial uses, and infrastructure in an area that is present undeveloped would change the existing visual character of the area.	SV	S	None available	SU
		UR	S	None available	SU
4.14-2	New sources of light and glare. The introduction of artificial light into a rural area contributes to the change in that area's character. In addition, lighting can be an annoyance if it spills into backyards or homes, as it can interfere with sleeping, watching television or other	SV	S	MM 4.14-1 Site lighting as to minimize nuisance; MM 4.14-2 Use low glare materials for new development; MM 4.14-3 Avoid light spill over into Curry Creek and open space areas;	SU
		UR	S	WMM 4.13-2 Light and glare policies	SU

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	activities. Development of the project area would result in light from urban development such as residences and commercial uses, as well as recreational facilities, streetlights, and vehicles.				
4.14-3	Degradation of scenic resources and scenic vistas. While no designated scenic resources are present, the project site would block views to the Sierras and surrounding areas.	SV	S	Compliance with the City's General Plan, Communitywide Design Guidelines and the SVSP Design Guidelines	SU
		UR	S	Compliance with the City's General Plan, Communitywide Design Guidelines and the SVSP Design Guidelines	SU

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