3.0 EXECUTIVE SUMMARY

3.1 INTRODUCTION

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

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	TABLE 3-1 SUMMARY OF IMPACTS AND MITIGATION MEASURES								
Impact Number	Impact	CSP or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance				

4.1	Land Use and Agricultural F	Resour	ces		
4.1-1	Conflict with land use plans, policies, or regulations.	CSP	LTS	None required	LTS
	Implementation of the proposed Specific Plan would require the adoption of new zoning districts and a General Plan Amendment	UR	LTS	None required	LTS
4.1-2		CSP	LTS for potential sensitive use adjacencies S for temporary construction impacts	MM 4.6-1 Construction Noise Measures; MM 4.6-2 Commercial Noise Controls.	LTS
		UR	LTS for potential sensitive use adjacencies S for temporary construction impacts	MM 4.6-1 Construction Noise Measures; MM 4.6-2 Commercial Noise Controls.	LTS
4.1-3	Potential incompatibility with existing agricultural and other land uses in the Urban Reserve parcel, the County, and the City of Roseville. At the time the Urban Reserve builds out, surrounding uses including	CSP	LTS	None required	LTS
	the CSP could be subject to construction noise, and dust.	UR	S	WMM 4.5-2 Construction Noise Policies; WMM 4.4-3 Reduction of Construction Emissions	LTS
4.1-4	Potential incompatibility from overflight operations at McClellan Airport. The project is located	CSP	S	None identified	SU
of McClellan Ai	approximately 7 miles north of McClellan Airfield. It will be subject to overflights.	UR	S	None identified	SU

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	SUMMARY OF IN		ABLE 3-1 S AND MITIGA	TION MEASURES	
Impact Number	Impact	CSP or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance
4.1-5	Conversion of agricultural land to developed uses. The project would convert grazing land to urban uses. However, no prime land or	CSP	S	MM 4.1-1 Agricultural Compensation; MM 4.8-4 Off- site and On-site Preservation of Grassland Habitat	LTS
	soils that support agricultural uses are present on the project site.	UR	S	MM 4.1-2 Agricultural Conversion Policies	LTS
4.1-6	Consistency with habitat conservation plans	CSP	LTS	None required	LTS
		UR	LTS	None required	LTS
4.2	Population and Housing				
4.2-1	Significant change in the jobs/housing balance. The proposed project would increase the number of jobs	CSP	LTS	None required	LTS
	and housing units in the City, but would not create a jobs/housing imbalance.	UR	LTS	None required	LTS
4.2-2	Provision of Affordable Housing. The proposed project would provide approximately 2,011 new residential units, a substantial portion of which	CSP	LTS	None required	LTS
	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.	UR	S	WMM 4.2-1 Affordable Housing Program	LTS
4.2-3	Displacement of existing housing. The proposed project would not displace existing	CSP	LTS	None required	LTS
ŀ	housing to households of low or moderate income.	UR	NI	None required	NI
4.2-4	Inducement of substantial population growth. The proposed project would	CSP	S	None available	SU

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Impact Number	Impact	CSP or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance				
	result in substantial population growth.	UR	S	None available	SU				
4.3	Transportation and Circulat	ion							
4.3-1	Increased volumes on City of Roseville existing conditions With the introduction of traffic from the proposed project, a.m. and p.m. peak hour traffic volumes would increase at several	CSP	S	MM 4.3-1 Pay Fair Share of Improvements in the CIP	LTS				
	signalized study intersections in the Plan area, resulting in an LOS of D or worse at various intersections.	UR	S	MM 4.3-1 Pay Fair Share of Improvements in the CIP	LTS				
4.3-2	Increased demand for transit. Unacceptable AM and PM. Peak Hour LOS at Signalized Intersections under Cumulative (2025)	CSP	PS	MM 4.3-2 Pay Fair Share Toward Transit Improvements	LTS				
	Plus Project Conditions. The proposed project would increase traffic conditions in the City of Roseville.	UR	PS	WMM 4.3-9 Transit Services Policies	LTS				
4.3-3	Impacts to bicycle facilities. Implementation of the	CSP	LTS	None required	LTS				
	proposed land uses in the Plan area would increase the demand for bicycle facilities in the plan area.	UR	PS	WMM 4.3-7 Provide Appropriate Bicycle Network With Future Specific Plan Submittal	LTS				
4.3-4	Increased volumes on City of Rocklin roadways existing conditions.	CSP	LTS	None required	LTS				
	Implementation of the proposed land uses in the Plan area would increase traffic in the city of Rocklin.	UR	LTS	None required	LTS				
4.3-5	Increased volumes on City of Lincoln roadways	CSP	LTS	None required	LTS				

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Impact Number	Impact	CSP or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance		
	existing conditions. Implementation of the proposed land uses in the Plan area would increase traffic in the city of Lincoln.	UR	LTS	None required	LTS		
4.3-6	Increased traffic volumes on Placer County intersections under existing conditions.	CSP	S	MM-4.3-3, Placer County: Contribute Fair Share Costs to Roadways	SU		
	oxiomig contamons.	UR	S	WMM-4.3-4: Construct Identified Improvements on Placer County Roadways	SU		
4.3-7	4.3-7 Increase traffic volumes on Placer County roadway segments under existing conditions. > Walerga Road south	CSP	S	MM-4.3-3 Placer County Intersections: Pay Fair Share Cost of Improvements; MM 4.3- 4 Pay Fair Share of Walerga Road Improvements	SU		
	of Baseline (LOS D to LOS E)	UR	S	WMM-4.3-4 Construct Identified Improvements; MM-4.3-3 Placer County Intersections: Pay Fair Share Cost of Improvements; 4.3-4 Pay Fair Share of Walerga Road Improvements	SU		
4.3-8	Increased traffic volumes on existing Sacramento County intersections.	CSP	LTS	None Required	LTS		
	Obuilty intersections.	UR	LTS	None Required	LTS		
4.3-9	Increased traffic volumes on existing Sacramento County roadway	CSP	S	MM 4.3-5 Contribute Fair Share Costs to Sacramento County Facilities	SU		
	Walerga Road south of Elverta	UR	S	MM 4.3-5 Contribute Fair Share Costs to Sacramento Facilities	SU		
4.3-10	Increased traffic volumes on existing Sutter County intersections.	CSP	S	MM 4.3-6 Contribute Fair Share Costs to Sutter County Facilities.	SU		
	Pleasant Grove S. and Riego Road (LOS E to F)	UR	S	MM 4.3-6 Pay Fair Share Costs to Sutter County Facilities	SU		
4.3-11	Increased traffic volumes on existing Sutter County	CSP	LTS	None required	LTS		
	roadways.	UR	LTS	None required	LTS		

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Impact Number	Impact	CSP or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance		
4.3-12	Increased traffic volumes on existing State interchanges.	CSP	LTS	MM 4.3-7: Contribute Fair Share Costs to State Interchanges	LTS		
	One interchange would degrade with traffic from the project under existing conditions: > I-80 Eastbound off at Taylor Road/Eureka	UR	S	MM 4.3-7: Contribute Fair Share Costs to State Interchanges	LTS		
4.3-13	Increased traffic volumes on existing State highways. • Douglas Boulevard to	CSP	S	MM 4.3-8: Contribute Fair Share Costs to State Roadway Segments	SU		
	Eureka Road – 0.1 percent increase in ADT	UR	S	MM 4.3-8: Contribute Fair	SU		
	Eureka to Talyor Road-0.6 percent increase in ADT			Share Costs to State Roadway Segments			
	Taylor Road to 65-0.6 percent increase in ADT						
	I-80 to Galleria Boulevard-1.7 percent increase in ADT						
	Galleria Boulevard to Pleasant Grove Boulevard-2.8 percent increase in ADT						
	Pleasant Grove to Blue Oaks Bouelvard- 3.7 percent increase in ADT						
4.3-14	Increased traffic on City of Roseville under 2025 conditions. Under the year 2025 scenario the project	CSP	S	MM 4.3-1 Pay Fair Share Improvements to the CIP.	SU		
	would cause level of service impacts to intersections.	UR	S	WMM 4.3-1 Traffic Improvement Policies.	SU		
	A.M Peak Hour:						
	Cirby/Foothills						

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	PM Peak Hour:						
	Blue Oaks & Diamond Creek						
	Pleasant Grove & Fiddyment						
4.3-15	Consistency of project with City's policy of 70 percent of intersections operating at LOS C or better. The project would	CSP	LTS	None required	LTS		
	meet the City's 70 percent LOS policy under year 2025 conditions.	UR	LTS	None required	LTS		
4.3-16	Increased demand of transit service 2025	CSP	PS	MM 4.3-2 Pay Fair Share Toward Transit Improvements	LTS		
		UR	PS	WMM 4.3-9 Transit Services Policies	LTS		
4.3-17	Increased demand on bicycle facilities 2025	CSP	LTS	None required	LTS		
	Sicyole Identities 2020	UR	PS	WMM 4.3-7 Provide Appropriate Bicycle Network With Future Specific Plan Submittal	LTS		
4.3-18	Increased traffic on Placer County intersections under 2025 conditions.	CSP	S	MM 4.3-3, Placer County Roadways: Pay Fair Share of Improvements	SU		
	Traffic from the project would cause and impact intersections. • Fiddyment/Athens	UR	PS	WMM 4.3-4 Construct Identified Improvements on Placer County Roadways; MM 4.3-3, Placer County Roadways: Pay Fair Share of Improvements	S		
4.3-19	Increased traffic on Placer County segments under 2025 conditions.	CSP	LTS	None required	LTS		
		UR	LTS	None required	LTS		
4.3-20	Increased traffic on Sacramento County roadway intersections under 2025 conditions. None of the Sacramento	CSP	LTS	None required	LTS		

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Impact Number	Impact	CSP or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance		
	County intersections experience a significant level of service degradation with the addition of the proposed project.	UR	LTS	None required	LTS		
4.3-21	Increased traffic on Sacramento County roadway segments under 2025 conditions.	CSP	LTS	None required	LTS		
		UR	LTS	None required	LTS		
4.3-22	Increased traffic on Sutter County Intersections	CSP	LTS	None required	LTS		
		UR	LTS	None required	LTS		
4.3-23	Increased traffic on Sutter County roadway	CSP	LTS	None required	LTS		
	segments under 2025 conditions.	UR	LTS	None required	LTS		
4.3-24	Increased traffic on City of Rocklin roadway	CSP	LTS	None required	LTS		
	segments under 2025 conditions. No impacts would occur with project traffic in 2025.	UR	LTS	None required	LTS		
4.3-25	Increased traffic on City of Lincoln roadway	CSP	LTS	None required	LTS		
	segments under 2025 conditions.	UR	LTS	None required	LTS		
4.3-26	Increased traffic volumes on existing State	CSP	LTS	None required	LTS		
	interchanges.	UR	LTS	None required	LTS		
4.3-27	Increased traffic volumes on existing State highways.	CSP	S	MM 4.3-8, Contribute Fair Share Costs to State Roadway Segments	SU		
		UR	S	MM 4.3-8, Contribute Fair Share Costs to State Roadway Segments	SU		

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Impact Number	Impact	CSP or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance			
4.3-28	Short and long-term construction impacts.	CSP	S	MM 4.1-2 Agricultural Compensation, MM 4.13-2 Storwater Management Development Standards, MM 4.8-1 No Net Loss of Wetlands, MM 4.8-7 Offsite Surveys, MM 4.8-6 Habitat Restoration, MM 4.9-1 Cease Work and consult with Qualified Archaeologist, MM 4.4-1 Dust and Construction Control Measures, MM 4.10-1 Identify Potential Hazardous Materials; MM 4.6-1 Construction Noise Reduction, MM 4.9-2 Cease Work Until Review conducted by Qaulified Paleontologist and Recommendations Implemented, MM 4.9-3 conduct Appropriate Off-site Studies	SU			
		UR	Ø	MM 4.1-2 Agricultural compensation, WMM 4.7-2 Wetland Protection Policies, WMM 4.7-15 Conduct Appropriate Offsite Surveys, WMM 4.8-2 Include policies and Conditions that Require Proper Handling of Archaeological Resources; WMM 4.8-13 Conduct Appropriate Surveys, MM 4.13-3 Storm Water Quality Policies, WMM 4.4-3 Reduction of Construction Emissions; WMM 4.5-2 Construction Noise Policies; WMM 4.9-2 Soil Contamination Policies	SU			

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	SUMMARY OF IN			TION MEASURES	
Impact Number	Impact	CSP or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance
4.4			Air Quality		
4.4-1	Generate short-term construction-related emissions. 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	CSP	S	MM 4.4-1 Dust and Construction Control Measures; 4.4-2 A-H Short-term Construction Related Impacts	Short Term SU
	or projected air quality violation and/or expose sensitive receptors to substantial pollutant concentrations, especially considering the nonattainment status of Western Placer County.	UR	S	WMM 4.4-2 Dust and Construction Control Policies and WMM 4.4-3 Reduction of Construction Emissions	Short Term SU
4.4-2	Generate long-term operation-related (regional) emissions. Project-generated operation-related emissions of ROG and NOx would	CSP	S	WMM 4.4-4 Project Measures to Reduce Operational Emissions; WMM 4.4-6 Operational Emissions Policies	S
	exceed PCAPCD's recommended cumulative summertime threshold of 10 lb. Project-generated, operation-related emissions 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.	UR	S	WMM 4.4-4 Project Measures to Reduce Operational Emissions WMM 4.4-6 Operational Emissions Policies	SU

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Impact Number	Impact	CSP or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance		
4.4-3	Generate Carbon Monoxide Emissions at Local Intersections. Project-generated, long-term operation-related (local) mobile-source emissions of CO would not	CSP	LTS	None required	LTS		
	violate or contribute substantially to a violation of the CAAQS or NAAQS, or expose sensitive receptors to substantial pollutant concentrations.	UR	LTS	None required	LTS		
4.4-4	Exposure to toxic air contaminants.	CSP	PS	WMM 4.4-7 (a) Risk Assessment and Site Specific Measures; MM 4.4-3 Screening Health Risks	LTS		
		UR	PS	WMM 4.4-7 (a) Risk Assessment and Site Specific Measures	LTS		
4.4-5	Exposure of sensitive receptors to odors.	CSP	LTS	None required	LTS		
		UR	LTS	None required	LTS		
4.4-6	Consistency with plans and policies	CSP	S	WMM 4.4-4 Project Measures to Reduce Operational Emissions; MM 4.4-1 Dust and Construction Control Measures	SU		
		UR	S	WMM 4.4-6 Operational Emissions Policies	SU		
4.5	Climate Change and Greenl	nouse (Gas Emissions				
4.5-1	Increased short-term construction-related and long-term operational greenhouse gas	CSP	PS	MM 4.5-1 Air Quality Measures and MM 4.5-2 Additional Measures to Reduce GHG Emissions	SU		
	emissions.	UR	PS	WMM 4.4-4 Reduction of Construction Emissions; WMM 4.4-5 Operational Emissions Policies, MM 4.5-1 Air Quality Measures; and MM 4.5-2 Additional Measures to Reduce GHG Emissions	SU		

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	SUMMARY OF IN		ABLE 3-1 S AND MITIGA	TION MEASURES			
Impact Number	Impact	CSP or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance		
4.5-2	Impacts on the proposed project related to global climate change.	CSP	LTS	None required	LTS		
	oa.o o.i.a.i.go.	UR	LTS	None required	LTS		
4.6	Noise						
4.6-1	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	CS P	S	MM 4.6-1 Construction Noise Reduction	SU		
	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.	UR	S	WMM 4.5-2 Construction Noise Policies and MM 4.6-1 Construction Noise Reduction	S		
4.6-2	Commercial noise sources. Implementation of the project would result in increases in stationary source noise associated with the proposed commercial land uses. These stationary noise	CS P	S	MM 4.6-2 Commercial Noise Controls	LTS		
	sources could potentially exceed the City's noise standards (hourly and maximum) and result in a noticeable increase in ambient noise levels.	UR	PS	WMM 4.5-4 Commercial Noise Policies	LTS		
4.6-3	Compatibility with Roseville Energy Park	CS P	LTS	None required	LTS		
		UR	LTS	None required	LTS		
4.6-4	Noise from school related activities	CS P	LTS	None required	LTS		
		UR	LTS	None required	LTS		
4.6-5	Noise related to park uses.	CS P	LTS	None required	LTS		
		UR	LTS	None required	LTS		

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Impact Number	Impact	CSP or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance		
4.6-6	Existing plus project increase in traffic noise.	CSP	LTS	None required	LTS		
		UR	PS	WMM 4.5-8 On-Site Traffic Noise Attenuation and WMM 4.5-10 On-Site Traffic Noise Policies	LTS		
4.6-7	Year 2025 plus project increase in traffic noise	CSP	S	MM 4.6- 3: Traffic Noise Attenuation	SU		
	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.	UR	S	WMM 4.5-8 Onsite Traffic Noise Attenuation and WMM 4.5-10 Onsite Traffic Noise Policies	SU		
4.6-8	Traffic noise impacts at future noise sensitive uses within the project	CSP	S	MM 4.6-3 Traffic noise attenuation	LTS		
	area.	UR	PS	WMM 4.5-8 Onsite Traffic Noise Attenuation and WMM 4.5-10 Onsite Traffic noise Policies	LTS		
4.6-9	Consistency with the General Plan Noise Element for non- transportation noise sources and General Plan	CSP	S	Proposed General Plan Amendment Table 4.6-11	LTS		
	Amendment. Land use is proposed within the 45-50 dBA contour of the REP.	UR	S	Proposed General Plan Amendment Table 4.6-11	LTS		
4.6-10	McClellan overflight noise. Aircraft at McClellan fly under 3,000 feet over the project area. Single event	CSP	LTS	None required	LTS		
	noise could cause a nuisance to future residents.	UR	LTS	None required	LTS		
4.7	Geology, Soils and Seismic	ity					
4.7-1	Soil erosion from grading activities.	CSP	LTS	None required	LTS		
		UR	LTS	None required	LTS		
4.7-2	Development of structures on expansive soils or on soils with	CSP	LTS	None required	LTS		
	other limitations.	UR	LTS	None required	LTS		

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Impact Number	Impact	CSP or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance
4.7-3	The loss of topsoil due to conversion of agricultural	CSP	LTS	None required	LTS
•	land to urban uses.	UR	LTS	None required	LTS
4.7-4	Exposure to people and structures to seismic	CSP	LTS	None required	LTS
	hazards.	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	CSP	S	MM 4.8-1 (a) Ensure No Net Loss of Wetlands; MM 4.8-1 (b) Wetland Avoidance/Mitigation Plan	LTS
	result in the loss of approximately wetlands and waters of the United States.	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	CSP	S	MM 4.8-1 (a) No Net Loss of Wetlands; MM 4.8-1 (b) Wetland Avoidance/Mitigation Plan, MM 4.8-4 Offsite Preservation of Grasslands.	LTS
	could impact this species.	UR	S	WMM 4.7-2 Wetland Protection Policies, and WMM 4.7-3 Vernal Pool Crustacean Policies	LTS
4.8-3	Loss of rare plant populations. The project area contains vernal pool habitat. Vernal pools represent potential habitat	CSP	S	MM 4.8-1 No Net Loss of Wetlands; MM 4.8-1 (b) Wetland Avoidance/Mitigation Plan	LTS
	for dwarf dowingia, legenere, and other special status plants. Dwarf dowingia was identified onsite.	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.	CSP	S	MM 4.8-1 (a) No Net Loss of Wetlands; MM 4.8-2 Relocate Western Spadefoots; MM 4.8-4 Off-site and On-site Preservation of Grassland Habitat	LTS
	,	UR	S	WMM 4.7-5 Spadefoot Protection Policies and WMM 4.7-2 Relocate Western Spadefoots	LTS

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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	CSP	LTS	None required	LTS
	include enhancement of the aquatic and riparian woodland habitats within and along Curry Creek, providing a beneficial longterm impact. None of the species are known to occur in the project area.	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	CSP	S	MM 4.8-3 Avoid Nesting Sites and MM 4.8-4 Preservation of Offsite Grasslands	LTS
	to damage or disturb Swainson's Hawk, burrowing owls and other raptors through construction activities.	UR	S	WMM 4.7-7 Nest Protection Policies	LTS
4.8-7	Loss of Grassland Habitat. The project would result in the conversion of grassland	CSP	S	MM 4.8-4 On-site and Off-site Preservation of Grassland Habitat	LTS
	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	CSP	S	MM 4.8-5 Wildlife Movement Protection Policies and MM 4.14-3 Avoid Light-Spillover	LTS
	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.	UR	S	WMM 4.7-11 Stream Protection Policies; MM 4.14-3 Avoid Light Spill Over; WMM 4.7-13 (d) Riparian Habitat Policies	LTS

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4.8-9	Loss of Oak trees of greater than 6 inches in diameter. A total of six oak trees occur	CSP	LTS	None required	LTS
	in the project area. Compliance with the City's Tree Preservation Ordinance will ensure that oak trees are protected.	UR	LTS	None required	LTS
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	CSP	S	MM 4.8-5 Wildlife Movement Protection Policies and MM 4.14-3 Avoid Light Spillover	LTS
	corridors along Pleasant Grove Creek and University Creek. Some portions of the project are 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.	UR	S	MM 4.8-5 Wildlife Movement Protection Policies and MM 4.14-3 Avoid Light Spillover	LTS
4.8-11	Loss of biological resources due to construction of off-site infrastructure.	CSP	S	MM 4.8-7 Off-site Surveys; MM 4.8-1 (a) No Net Loss; 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/Onsite 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 policies; WMM 4.7-11 Stream Protection Policies; WMM 4.7-15 Conduct appropriate Surveys	LTS

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3.0	EXECUTIVE SUMMARY				
	OUR A DV OF IN		ABLE 3-1	TION MEAGURES	
	SUMMARY OF IM	PACI	S AND MITIGA	TION MEASURES	
Impact Number	Impact	CSP or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance
4.8-12	Potential impacts to the California Black Rail. There are no known populations of Black Rail	CSP	LTS	None Required	LTS
	within the project area.	UR	LTS	None required	LTS
4.8-13	Potential impacts to bats. Suitable habitat for bats is not present in the project	CSP	LTS	None required	LTS
	site.	UR	LTS	None required	LTS
4.8-14	Potential impacts to Giant Garter Snake. No known populations of Garter Snake are present	CSP	LTS	None required	LTS
	within the project area. Further, the Curry Creek drainage will be set aside in permanent open space.	UR	NI	None required	NI
4.8-15	15 Impacts to fish habitat. Anadromous fish species, such as Central Valley spring and winter-run	CSP	LTS	None required	LTS
	Chinook salmon and steelhead are not anticipated to occur within Curry Creek.	UR	NI	None required	NI
4.8-16	Impacts to beavers. Numerous populations of	CSP	NI	None required	NI
	beavers are known to occur throughout the Roseville area. They are not federally or state protected. While beavers may be present in Pleasant Grove Creek, construction of the project would be considered a less than significant impact.	UR	NI	None required	NI
4.8-17	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.	CSP	LTS	None required None required	LTS
	Although the City is not		2.0		1.0

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3.0	EXECUTIVE SUMMARY				
	CUMMARY OF III		ABLE 3-1	TION MEACURES	
	SUMMARY OF IN	IPACT	S AND MITIGA	TION MEASURES	
Impact Number	Impact	CSP or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance
	participating the CSP project and associated mitigation has been developed to complement the proposed program.				
4.9	Cultural and Paleontologica	ıl Reso	urces		
4.9-1	Disturb, damage, or destroy unidentified subsurface archaeological or	CSP	PS	MM 4.9-1 Cease Work and Consult with Qualified Archaeologist	PSU
	historical resources or human remains during project construction. No significant resources were identified during surveys. However, subsurface construction activities including grading or trenching could uncover previously unidentified resources.	UR	PS	WMM 4.8-2 Cultural Resource Handling and Protection; WMM 4.8-3 Conduct Archeological Surveys.	PSU
4.9-2	Removal of historically significant properties and/or loss of historic integrity of such	CSP	LTS	None required	LTS
	resources. No historical resources are known to occur in the Plan area.	UR	LTS	None required	LTS
4.9-3	Disturb unknown paleontological resources during site preparation. Project-related construction	CSP	PS	MM 4.9-2 Cease Work and Consult with Qualified Paleontologist	LTS
	activities could uncover or otherwise disturb previously undiscovered or unrecorded paleontological resources.	UR	PS	WMM 4.8-11, Policies to Ensure Proper Handling of Paleontological Resources	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	CSP	PS	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 Off-site Studies	LTS
	could result in impacts to historic resources.	UR	PS	WMM 4.8-3 Conduct Archeological Surveys; WMM 4.8-11 Include Policies to	LTS

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3.0	EXECUTIVE SUMMARY				
			ABLE 3-1		
	SUMMARY OF IN	IPACT	S AND MITIGA	TION MEASURES	
Impact Number	Impact	CSP or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance
				Ensure Proper Handling of Paleontological Resources; WMM 4.8-13 Conduct Appropriate Studies	
4.10	Hazardous Materials and Pu	ıblic Sa	afety		
4.10-1	Increased potential for accidental release or spill of hazardous materials during construction or occupancy. Hazardous materials in the Plan area would require compliance with local, state, and federal regulations. Furthermore, the City of Roseville performs annual inspections	CSP	LTS	None required	LTS
	of all businesses utilizing hazardous materials and requires each business to file a Hazardous Materials Management Plan.	UR	LTS	None required	LTS
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	CSP	LTS	None required	LTS
	Department would ensure that this impact would be less than significant.	UK		None required	LIS
4.10-3	Increased risk of soil or water contamination from improper disposal of	CSP	LTS	None required	LTS
	household hazardous waste. The City of Roseville's existing household hazardous waste programs would ensure that risk is minimized.	UR	LTS	None required	LTS

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3.0	EXECUTIVE SUMMARY		151501		
	SUMMARY OF IN		ABLE 3-1 'S AND MITIGA	TION MEASURES	
Impact Number	Impact	CSP or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance
4.10-4	Soil or groundwater contamination from past uses. Past practices associated	CSP	PS	MM 4.10-1 Identify and Remediate Soil Contamination	LTS
	with the rural residential uses could have resulted in some minor areas of potential soil contamination.	UR	PS	WMM 4.9-2 Soil Contamination Policies	LTS
4.10-5	Use of recycled water for landscape in areas accessible to the public. Recycled water would be conveyed to the CSP for use in irrigation for parks, and landscaping in medians, landscaping for	CSP	LTS	None required	LTS
	commercial areas and common areas in high density residential neighborhoods.	UR	LTS	None required	LTS
4.10-6	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	CSP	LTS	None required	LTS
	number of people who would be exposed to potential risks associated with EMF.	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	CSP	LTS	None required	LTS
	increase the demand for police officers, however, the increase in personnel would not constitute an environmental impact.	UR	LTS	None required	LTS
4.11.2	Increased demand for fire protection services. Development in the Plan	CSP	LTS	None required	LTS
	area would result in increased demand for fire protection and emergency medical services, potentially	UR	PS	WMM 4.10-4 Demonstrate Adequate Response Time and WMM 4.10-6 Adopt Fire Prevention and Suppression	LTS

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3.0	EXECUTIVE SUMMART		ABLE 3-1		
	SUMMARY OF IN			TION MEASURES	
Impact Number	Impact	CSP or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance
	resulting in the need for additional staff and equipment to maintain an adequate level of service			Policies	
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	CSP	LTS for school capacity and PS for safe routes to schools	MM 4.11-3 Safe Routes to School	LTS
	high school (8–12) services. One elementary school is included in the project. Existing capacity is available to serve middle and high school students outside the plan area.	UR	LTS for school capacity and PS for safe routes to schools	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	CSP	LTS	None required	LTS
	library services, the project would not result in a significant physical impact on the environment.	UR	LTS	None required	LTS
4.11.5	Increased demand for park facilities. The CSP will be required to comply	CSP	LTS	None required	LTS
	with the city's park standards and/or pay in lieu fees.	UR	LTS	None required	LTS
4.12	Public Utilities				
4.12.1-1	Availability of water supplies to meet demand in normal/wet years. The	CSP	LTS	None required	LTS
	City has sufficient existing surface water supplies to meet the needs of the project.	UR	LTS	None required	LTS
4.12.1-2	Availability of water supplies to meet demand in dry years. The City would rely on its surface water entitlements and	CSP	LTS	None required	LTS
	would supplement with groundwater during dry or driest years consistent with	UR	LTS	None required	LTS

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TABLE 3-1						
	SUMMARY OF IN			TION MEASURES		
Impact Number	Impact	CSP or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance	
	City General Plan policies.					
4.12.1-3	Impact on American River and Delta Associated with the Diversion of the amount of surface water needed for project.	CSP	LTS LTS	None required None required	LTS	
4.12.1-4	• •	CSP	LTS		LTS	
4.12.1-4	Capacity of water treatment system to meet potable demand.			None required		
	P	UR	LTS	None required	LTS	
4.12.1-5	Extension of potable	CSP	LTS	None required	LTS	
	water distribution system.	UR	LTS	None required	LTS	
4.12.1-6	Groundwater Use	CSP	LTS	None required	LTS	
		UR	LTS	None Required	LTS	
4.12.1-7	Changes in Groundwater	CSP	LTS	None Required	LTS	
	Recharge potential through development of impervious surfaces	UR	LTS	None Required	LTS	
4.12.2-1	Availability of recycled	CSP	LTS	None required	LTS	
	water to meet demand and installation of recycled water infrastructure.	UR	LTS	None required	LTS	
4.12.3-1	Construction or expansion of wastewater collection facilities. The project will construct	CSP	LTS	None required	LTS	
	needed infrastructure to connect with the City's wastewater collection system.	UR	LTS	None required	LTS	
4.12.3-2	Capacity of Wastewater Treatment Facilities. The project along with other foreseeable projects within the service area boundary	CSP	S	MM 4.12.3-1 Treatment Plant Capacity	LTS	
	would require the expansion of the Pleasant Grove Wastewater Treatment Plant.	UR	S	WMM 4.11-6 Treatment Plant Capacity.	LTS	
4.12.3-3	Construction or expansion of wastewater treatment facilities. The project along with other foreseeable projects within	CSP	S	MM 4.12.3-2 Treatment Plant Expansion	LTS	

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TABLE 3-1							
	SUMMARY OF IN	IPACT	S AND MITIGA	TION MEASURES			
Impact Number	Impact	CSP or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance		
	the service area boundary would require the expansion of the Pleasant Grove Wastewater Treatment Plant.	UR	S	MM 4.12.3-2 Treatment Plant Expansion	LTS		
4.12.3-4	Water quality impacts from wastewater discharges beyond the	CSP	S	MM 4.12.3-2 Treatment Plant Capacity	LTS		
	SPWA 2005 Service Area Boundary.	UR	S	WMM 4.11-6 Treatment Plant Expansion Policies	LTS		
4.12.4-1	Increased demand for	CSP	LTS	None required	LTS		
	solid waste services at the materials recovery facility.	UR	LTS	None required	LTS		
4.12.4-2	Increased demand for solid waste services at the landfill. The proposed	CSP	S	WMM 4.11-7 Expand the WRSL Landfill	SU		
	project has the potential to reduce the life of the landfill.	UR	S	WMM 4.11-7 Expand the WRSL Landfill	SU		
4.12.4-3	Expansion of the landfill.	CSP	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	CSP	S	WMM 4.11-11 Divert Construction Debris	SU		
	services.	UR	S	WMM 4.11-11 Divert construction Debris	SU		
4.12.5-1	Increased demand for electricity. RE has sufficient electric	CSP	LTS	None required	LTS		
	supplies to serve the project.	UR	LTS	None required	LTS		
4.12.5-2	Increased demand for natural gas. PG&E has indicated it has	CSP	LTS	None required	LTS		
	sufficient natural gas to serve the project.	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	CSP	LTS	None required	LTS		
	and phone service this is not a significant environmental impact.	UR	LTS	None required	LTS		

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	SUMMARY OF IN		ABLE 3-1 S AND MITIGA	TION MEASURES	
Impact Number	Impact	CSP or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance
4.13	Hydrology and Water Qualit	ty			
4.13-1	Changes in the rate of stormwater runoff (peak flows) through the development of new	CSP	LTS	None required	LTS
	impervious surfaces. The project would convert rural land to urban uses which would increase runoff.	UR	S	WMM 4.12-1 Prepare Site Specific Drainage Study	LTS
4.13-2	Changes in the rate of stormwater peak flows entering the Pleasant	CSP	LTS	None required	LTS
	Grove Creek watershed.	UR	S	WMM 4.12-1 Prepare Site Specific Drainage Study	LTS
4.13-3	Increase in the amount of surface runoff, which would exceed the capacity of existing storm drainage systems and	CSP	S	WMM 4.12-2 Pay Fair Share of Roseville Regional Stormwater Retention Facility Improvements.	LTS
	increase the potential for downstream flooding. 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.	UR	S	WMM 4.12-2 Pay Fair Share of Roseville Regional Stormwater Retention Facility Improvements and WMM 4.12-3 Retention Policies	LTS
4.13-4	Placement of fill or structures in 100-year floodplain could affect	CSP	LTS	None required	LTS
	water surface elevations, which could increase the risk of flooding.	UR	S	WMM 4.12-4 Floodplain Policies	LTS

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TABLE 3-1 SUMMARY OF IMPACTS AND MITIGATION MEASURES									
Impact Number	Impact	CSP or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance				
4.13-5	Erosion and runoff from construction sites containing soil or other materials could degrade water quality if discharged to local streams. 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 extant 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.	CSP	S	MM 4.13-1 Implementation of Construction Activity Stormwater Protection Standards	LTS				
		UR	Ø	MM 4.13-1 Implementation of Construction Activity Stormwater Standards, MM 4.13-2 Stormwater Management Development Standards and MM 4.13-3 Water Quality Policies	LTS				
4.13-6	Changes in surface water or groundwater quality resulting from urban stormwater runoff. Development in the CSP would result in a change in the types and amounts of pollutants discharged through stormwater outfalls as undeveloped land is converted to urban uses.	CSP	S	MM 4.13-2 Stormwater management development standards	LTS				
		UR	S	MM 4.13-3 Storm water quality policies	LTS				
4.14	Aesthetics and Visual Resources								
4.14-1	Alteration of the visual character of the site and vicinity. Development of the project area would convert over 368 acres of currently undeveloped grassland to	CSP	S	None available	SU				
	urban uses. The introduction of residences, commercial uses, and	UR	S	None available	SU				

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3.0	EXECUTIVE SCHOOL IN								
TABLE 3-1									
SUMMARY OF IMPACTS AND MITIGATION MEASURES									
Impact Number	Impact	CSP or UR	Significance Before Mitigation	Mitigation Measure	Residual Significance				
	infrastructure in an area that is present undeveloped would change the existing visual character of the area.								
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 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.	CSP	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	PS	WMM 4.13-2 Light and Glare Policies	SU				
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.	CSP	S	Compliance with the City's General Plan, Communitywide Design Guidelines and the CSP Design Guidelines	SU				
		UR	S	Compliance with the City's General Plan, Communitywide Design Guidelines and the CSP Design Guidelines	SU				

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