

**Sierra Vista Specific Plan
Environmental Impact Report
Mitigation Monitoring Program**

Adopted May 5, 2010
Resolution 10-160

MITIGATION MONITORING PROGRAM

FOR THE

SIERRA VISTA SPECIFIC PLAN

INTRODUCTION

Section 21081.6(a)(1) of the California Environmental Quality Act (CEQA) requires that all state and local agencies establish monitoring or reporting programs for projects approved by a public agency whenever approval involves the adoption of measures to mitigate or avoid significant effects on the environment. (See also CEQA Guidelines Section 15097.)

This mitigation monitoring program (MMP) is intended to ensure that the mitigation measures adopted for the Sierra Vista Specific Plan (SVSP) and for the Urban Reserve Area¹ are implemented. The mitigation measures that will be monitored pursuant to this MMP were identified in the EIR, and were adopted and made conditions of approval of the project.

The Final EIR for the proposed project identifies project-level mitigation measures applicable to implementation of the SVSP. In addition, the EIR identifies program-level mitigation measures for Urban Reserve Area. These areas are shown in Figure 4.1-4 of the EIR, Volume 1, page 4.1-50, and described on pages 4.1-48 through 4.1-51.

The purpose of this MMP is to ensure the effective implementation and enforcement of all adopted mitigation measures. The MMP will provide for monitoring of and reporting on construction activities, as necessary, field identification and resolution of environmental concerns, and monitoring of longer-term obligations.

¹ The "Urban Reserve Area" of "Urban Reserve" is the portion of the project area, consisting of land owned by property owners that are not participating in the SVSP, but which is the subject of a sphere of influence amendment, annexation, and pre-zoning and for which environmental review was conducted in the EIR at a programmatic level.

Mitigation Monitoring Program Description

Compliance

The City of Roseville is responsible for ensuring implementation of the adopted mitigation measures in accordance with this MMP and, accordingly, will coordinate all monitoring activities and document the implementation of mitigation measures. The table below identifies the mitigation measures, the timing of mitigation actions, the entities implementing the mitigation measures, the monitoring actions, and the parties responsible for monitoring and reporting. The entity identified as having implementing responsibility has the primary duty to execute the mitigation measures. The term “applicants,” as used in this MMP, refers to any entity that seeks entitlements for or approval of development of a project in the project area. In some instances this may require contracting for specialized consultant services. For instances in which the implementing responsibility is shared between the City and applicants, including construction contractors, the City ultimately will be responsible for ensuring that the mitigation requirements are implemented.

Field Monitoring of Mitigation Measures

Prior to the issuance of grading and building permits, while detailed development plans are being prepared for approval by City staff, the City will be responsible for ensuring compliance with mitigation monitoring applicable to the project design phase.

Both during construction and following completion of construction of the project, the City’s Public Works Department will assign inspectors who will be responsible for monitoring the implementation of the mitigation measures. The inspectors will report to the City’s Public Works Director and will be thoroughly familiar with the mitigation measures in the MMP. In addition, the inspectors will be familiar with construction contract requirements, schedules, standard construction practices, and mitigation techniques. The City will be responsible for onsite, day-to-day monitoring of construction activities, and will review construction plans and equipment staging/access plans to ensure conformance with adopted mitigation measures. The City will have the authority to enforce mitigation measures by suspending particular construction activities.

Once construction has been completed, the City will monitor the project as necessary and as specified in this MMP.

If any mitigation measures are not being implemented, the City may pursue corrective action, including but are not limited to the following: (1) written notification and request for compliance; (2) withholding of permits; (3) administrative fines; (4) stop-work orders; (5) criminal prosecution and/or administrative fines; (6) forfeiture of security bonds or other guarantees; and (7) revocation of permits or other entitlements.

Changes to Mitigation Measures

Any substantive change in a mitigation measure made by City Staff shall be reported in writing to the Planning Director.

Modifications to or deletion of a mitigation measure may be approved by the Planning Director and/or Public Works Director subject to making one of the following findings documented by substantial evidence and recorded in a memo to the Sierra Vista file:

- a. The mitigation measure that is proposed to be deleted is no longer required because the significant environmental impact identified in the Final EIR has been found not to exist, or has been found to occur at a level which makes the impact less than significant without implementing the mitigation measure, as a result of changes in the project, changes in conditions in the affected environment, or other factors.

or

- b. The proposed modified or substitute mitigation measure will do all of the following: (i) provide a level of environmental protection equal to or greater than that afforded by the mitigation included in the Final EIR and the Mitigation Monitoring Program; (ii) will not have significant adverse effects on the environment in addition to or greater than those which were considered by the responsible hearing bodies in their decisions on the Final

EIR and the proposed project; (iii) is feasible; and (iv) the City can ensure its implementation through the MMP or other, specified City procedures.

Findings and related documentation supporting the findings involving modifications to mitigation measures shall be maintained in the project file with the Mitigation Monitoring Program and shall be made available to the public upon request.

Mitigation Monitoring Program

The table presented on the following pages is the MMP for the proposed project. The MMP contains:

1. an explanation of each impact by issue area, summarized as an impact statement;
2. the full text of the mitigation measure(s) adopted to mitigate or avoid to each impact;
3. the method and/or process by which the mitigation measure will be implemented;
4. the timing of implementation of each mitigation measure; and
5. the party responsible for ensuring implementation of each mitigation measure.

As applications are filed for individual projects consistent with the Specific Plan, City staff will review each proposed project for consistency with the SVSP. As part of that review, all SVSP Final EIR mitigation measures will be reviewed, and those that apply to the proposed project will be identified and monitoring and reporting will be conducted consistent with this MMP.

Following completion of the monitoring and reporting process, the final monitoring results will be entered into the City's Mitigation Monitoring and Reporting database maintained by the Environmental Coordinator.

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY
Impact 4.1-2	Land Use and Agricultural Resources			
<p>Potential Incompatibility of Internal Land Uses- agricultural compatibility and temporary construction impacts.</p>	<p>Condition of approval Deed Disclosure (Agriculture); MM 4.6-1 Construction Noise measures and MM 4.6-2 Commercial Noise Controls.</p> <p>In order to reduce potential conflicts between sensitive uses and agricultural uses, residential units within 100-feet of undeveloped parcels to the west of the SVSP are where agricultural uses exist shall be provided with a deed disclosure or similar notice approved by the City attorney regarding the proximity and nature of neighboring potential agricultural uses. This disclosure shall be applied at the tentative map stage to the affected properties. A written disclosure shall be supplied to the property purchaser or renter by the vendor prior to the completion of the purchase or rental agreement, until such time, the uses are converted to urban development. The text of the disclosure language shall be approved by the City Attorney.</p> <p>To ensure that residents are made aware of other land uses in proximity to their respective neighborhoods, the developers shall also provide through deed disclosure or other similar notice approved by the City Attorney; proximity to the WAPA corridor and overhead power lines, high pressure gas lines in Baseline Road and Fiddymment Road, use of recycled water, and proximity to parks and schools that may generate</p>	<p>The applicant shall be responsible for ensuring that future residents or other sensitive uses are given notice regarding proximity to potential adjacent agricultural uses.</p> <p>This disclosure shall be applied at the tentative map stage.</p>	<p>Prior to issuance of occupancy permits of any residence or sensitive use.</p>	<p>The City Attorney shall approve the wording of the disclosure.</p> <p>The Public Works Department and Code Enforcement shall ensure that construction measures and noise measures meet city standards.</p>

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IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.1-3	Land Use and Agricultural Resources				
<p>Potential Incompatibility with Existing agricultural and other land uses in the Urban Reserve Parcels, the County and the City of Roseville</p>	<p>Condition of Approval for Deed Disclosure and WMM 4.1-2 Policies to Minimize Agricultural impacts; WMM 4.5-2 Construction Noise Policies, and WMM 4.4-3 Reduction of Construction Emissions</p> <p>In order to reduce potential conflicts between sensitive uses and agricultural uses, residential units within 100-feet of undeveloped parcels to the west of the SVSP are where agricultural uses exist shall be provided with a deed disclosure or similar notice approved by the City attorney regarding the proximity and nature of neighboring potential agricultural uses. This disclosure shall be applied at the tentative map stage to the affected properties. A written disclosure shall be supplied to the property purchaser or renter by the vendor prior to the completion of the purchase or rental agreement, until such time, the uses are converted to urban development. The text of the disclosure language shall be approved by the City Attorney.</p> <p>To ensure that residents are made aware of other land uses in proximity to their respective neighborhoods, the developers shall also provide through deed disclosure or other similar notice approved by the City Attorney; proximity to the WAPA corridor and overhead power lines, high pressure gas lines in Baseline Road and Fiddymment Road, use of recycled water, and proximity to parks and schools that may generate noise and light.</p>	<p>The Applicant shall include site-specific design measures, such as setbacks, landscape buffers, building orientation, and appropriate design features, through the specific plan.</p>	<p>Prior to occupancy of any residence or sensitive use.</p>	<p>The City Attorney shall approve the wording of the disclosure.</p> <p>The Public Works Department and Code Enforcement shall ensure that construction measures and noise meet city standards.</p>	
IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE

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		TATION		PARTY	COMPLETE
Impact 4.1-4	Land Use and Agricultural Resources				
Potential incompatibility from overflight operations at McClellan Airfield	<p>Condition of Approval for Deed Disclosure of Overflights 4.1-3 b</p> <p>McClellan Airport is located approximately four miles from the southern boundary of the project area. In order to notify residents or other sensitive uses, that aircraft on approach or departure under 3,000 feet could occur over the project area, a deed disclosure or similar notice approved by the City Attorney regarding the proximity and nature of aircraft in the vicinity shall be provided.</p>	<p>The Applicants shall be responsible for ensuring that future residents or other sensitive uses are given notice regarding proximity to McClellan.</p> <p>This disclosure shall be applied at the tentative map stage</p>	<p>Prior to issuance of an occupancy permit of any residence or sensitive use.</p>	<p>The City Attorney shall approve the wording of the disclosure.</p> <p>The telephone number of the Sacramento County Airports Noise Complaint hotline will be provided in the disclosure.</p> <p>The Public Works Department and the Building Official shall ensure that construction measures meet City noise standards.</p>	
Impact 4.1-5	Land Use and Agricultural Resources				
Conversion of agricultural land to developed uses.	<p>MM 4.1-2 Agricultural Conversion Policies</p> <p>One acre of open space shall be preserved within Placer County for each acre of open space impacted within the Specific Plan area. This is to be accomplished through the recordation of conservation easements that result in the formation of preserve lands (as a “mitigation property or “preserve site” and collectively, “mitigation lands” or “preserve lands”). For the purposes of assessing impacts associated with a specific development project, “open space” impacts shall include all land proposed to be developed for urban uses. For purposes of mitigation for the specific development project, the term “open space” shall include any and all</p>	<p>The Applicants shall be responsible for securing the offsite grassland mitigation prior to approval of tentative maps proportional to the development proposed.</p>	<p>Prior to the issuance of a Grading Permit</p>	<p>The Planning Director, City Open Space Preserve Manager and CDD Director shall ensure that the open space mitigation is implemented.</p>	

	<p>undeveloped land proposed to be preserved by conservation easement or otherwise required by any governmental agency to be preserved for any reason, specifically including all lands preserved for habitat or agricultural mitigation is required beyond the 1:1 open space requirement noted above, as long as a substantial portion, as determined by the Planning Director, of the mitigation lands acquired are (1) in agricultural production, (2) are undeveloped and have the same or higher value CDC categorization as lands being affected within the Specific Plan property at issue.</p> <p>In-kind mitigation is not required for agricultural land development within the Specific Plan area.</p>				
IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.3-1 and 4.3-12	Transportation and Circulation				
<p>Increased volumes on City of Roseville existing conditions and 2015 conditions with the project.</p>	<p>MM 4.3-1 Roseville Intersections: Pay Fair Share of Improvements in the CIP including Improvements to the Following Intersections</p> <ul style="list-style-type: none"> Fiddymt/Baseline Road: improve intersection as part of the project Watt Avenue/Baseline Road: improve intersection as part of the project <p>Improvements would be necessary to the following intersections, as part of the project to achieve acceptable service levels under the 2025 CIP plus Project scenario. However, as noted, many intersections cannot be mitigated because of constraints.</p> <ol style="list-style-type: none"> Foothills Boulevard and Baseline Road: No feasible mitigation 	<p>The Development Agreements between Applicants and the City, require the City to update the CIP and the Applicants to pay fair share fees.</p>	<p>In accordance with Development Agreements, the traffic mitigation fees shall be paid on a pro-rata basis prior to the issuance of any building permit.</p>	<p>City of Roseville Public Works Director shall ensure that the mitigation measures are implemented</p> <p>The Public Works Director shall oversee the CIP and ensure that improvements are implemented in a timely fashion.</p>	

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IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.3-1 and 4.3-12	Transportation and Circulation				
	<ol style="list-style-type: none"> 2. Industrial Avenue and Alantown Drive: No feasible mitigation 3. Cirby Way and Northridge Drive: No feasible mitigation 4. Foothills Boulevard and Junction Boulevard: No feasible mitigation 5. Junction Boulevard and Baseline Road: No feasible mitigation 6. Roseville Parkway and Sierra College Boulevard: No feasible mitigation 7. Blue Oaks Boulevard and Crocker Ranch Road: Re-stripe to include two south bound to east bound left turn lanes and a separate right turn. This improvement shall be added to the City of Roseville’s Capital Improvement program. Development within the Sierra Vista Specific Plan Area shall be required to pay fair share costs for this improvement 8. Blue Oaks Boulevard and New Meadow Drive: Re-stripe the southbound through lane to a shared through and left-turn lane. This improvement shall be added to the City of Roseville’s Capital Improvement program. Development within the Sierra Vista Specific Plan Area shall be required to pay fair share costs for this improvement. As such, this impact would be reduced to less than significant. 9. Foothills Boulevard and Baseline/Main: No feasible mitigation 				

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Impact 4.3-1 and 4.3-12	Transportation and Circulation				
	<p>10. Sunrise Boulevard and Sandringham/Kensinton: add a dedicated southbound right-turn lane</p> <p>11. Woodcreek Oaks and Baseline Road: construction of a second eastbound through lane. This improvement is currently in the City's CIP program. SVSP would be required to pay fair share costs for this improvement.</p> <p>The SVSP will develop over a period of years. Therefore, the impacts on these impacts would occur over a period of time. As with other improvements in the 2025 CIP, the City shall monitor traffic conditions and determine when specific improvements are needed. The City of Roseville's traffic impact fees should be revised to include the SVSP area. The City of Roseville's Traffic Impact Fees should be revised to include the SVSP. Specific Plans and/or development proposals shall provide for fair share contributions of the cost of the improvements through the updated traffic impact fees.</p> <p>Construction of intersection improvements could have impacts on biological and cultural resources, air quality, water quality, and noise levels. These impacts will be evaluated as part of the CIP update to incorporate the adopted mitigation.</p>				
IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.3-6 and 4.3-16	Transportation and Circulation				
Increased traffic	MM 4.3-2 Placer County	The City and Placer	Payment of	Placer County Public	

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
<p>Impact 4.3-6 and 4.3-16</p>	<p>Transportation and Circulation</p>				
<p>volumes on Placer County roadway intersections</p>	<p>Intersections: Pay Fair Share of Improvements including Improvements to the following intersections</p> <ul style="list-style-type: none"> • Baseline Road and Locust: Sierra Vista would participate in the City/County Joint Fee Program that would fund this improvement. As such this impact would be considered less than significant. • Watt Avenue and PFE Road: This intersection is not included in the City/County fee program. • Walerga and PFE Road: This intersection is not included in the City/County fee program. <p>Consistent with Placer County's Mitigation Measure 4.7-2a for the Placer Vineyards Specific Plan and Mitigation Measure 6.12-1 for the Regional University Specific Plan, the City of Roseville, in working with Placer County to provide funding for improvements not already subject to an existing inter-agency fee program, shall negotiate in good faith with Placer County to enter into additional fair and reasonable arrangements with the intention of achieving within a reasonable time period after approval of the Sierra Vista Specific Plan commitment for the provision of adequate fair share mitigation from the Specific Plan for significant impacts on Placer County roadways. In reaching an accommodation with Placer County, the City and Placer County, in order to better ensure an effective sub-regional</p>	<p>County shall implement a regional traffic fee to fund the identified improvements. Applicants within the SVSP shall be required to contribute to the regional fee to fund a portion of the improvements per the Development Agreements. Placer County shall be responsible for overseeing the improvements.</p>	<p>fees by the applicants at the time of each building permit</p>	<p>Works Director and the City Public Works Director shall ensure that the regional traffic fee program is implemented, the fees collected, and the improvements implemented.</p> <p>The City of Roseville shall monitor traffic volumes and coordinate with the County regarding traffic mitigation fees to fund regional improvements.</p>	

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.3-6 and 4.3-16	Transportation and Circulation				
	<p>approach to mitigating transportation-related impacts, may choose to include within the same agreements or Joint Powers Authority additional public agencies with whom it must work to mitigate transportation-related impacts, such as Sacramento County, Sutter County, and Caltrans. As the City strives to achieve agreement(s) with one or more of these other agencies, the City shall insist that "fair share" fee obligations be reciprocal, in the sense that the other local agencies, in accepting fair share contributions from the SVSP developers, must agree to require new development occurring in their own jurisdictions to make fair share contributions towards mitigating the significant effects of such development on the City's transportation network. Any such arrangement(s), with just Placer County or with additional agencies, shall account for existing inter-agency fee programs in order to avoid requiring redundant mitigation or fee payments exceeding fair share mitigation levels.</p> <p>The City intends that its arrangement(s) with Placer County and any other agencies shall permit the participating agencies flexibility in providing cross-jurisdictional credits and reimbursements consistent with the general "fair share" mitigation standard, and require an updated model run incorporating the best available information in order to obtain the most accurate, up-to-date impact assessment feasible and to generate the most accurate, up-to-date estimates of</p>				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
<p>Impact 4.3-6 and 4.3-16</p>	<p>Transportation and Circulation</p>				
	<p>regional fair share contributions. These arrangements, moreover, should also include provisions that allow for periodic updates to the traffic modeling on which fair share payment calculations depend in order to account for (i) newly approved projects cumulatively contributing to transportation-related impacts and that therefore should contribute to the funding of necessary improvements (e.g., the Curry Creek Community Plan in Placer County), (ii) additional physical improvements necessitated in whole or in part by newly approved projects, (iii) changing cost calculations for the construction of needed improvements based on changes in the costs of materials, labor, and other inputs.</p> <p>The City of Roseville shall monitor traffic volumes and coordinate with the County regarding traffic mitigation fees to fund regional improvements.</p> <p>Construction of the improvements noted above would reduce the project impacts to less than significant levels. However, since the City of Roseville does not have control over improvements on Placer County roadways, this impact is considered significant and unavoidable.</p> <p>The City of Roseville shall monitor traffic volumes and coordinate with the County regarding traffic mitigation fees to fund regional improvements.</p> <p>If the identified improvements were constructed, there could be environmental effects on biological and cultural resources, noise, air quality, and</p>				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.3-6 and 4.3-16	Transportation and Circulation				
	water quality.				
IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.3-7 and 4.3-17	Transportation and Circulation				
Increased traffic volumes on Placer County roadway segments	<p>MM 4.3-3 Placer County Segments: Pay Fair Share of Improvements</p> <ul style="list-style-type: none"> Baseline Road, west of Watt Avenue: Sierra Vista would participate in the City/County Joint Fee Program that would fund this improvement. As such this impact would be considered less than significant. Watt Avenue south of Baseline Road: This segment is not included within the existing City/County Fee Program. Walerga Road south of Baseline: This segment is not included within the existing City/County Fee Program. <p>The City shall determine the means of providing the project's fair share to fund these improvements with Placer County through the inter-agency agreement or other arrangement required by Mitigation Measure 4.3-3.</p>	Applicants within the SVSP shall be required to contribute to the regional fees to fund a portion of the improvements per the Development Agreements.	Payment of fees by the applicants at the time of each building permit	The City and Placer County shall implement a regional traffic fee to fund the identified improvements. Applicants within the SVSP shall be required to contribute to the regional fee to fund a portion of the improvements per the Development Agreements. Placer County shall be responsible for overseeing the improvements.	
IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impacts 4.3-8, 4.3-9, 4.3-18 and 4.3-19	Transportation and Circulation				
Impacts to Sacramento	MM 4.3-4 Sacramento County pay fair share improvements	Applicants within the SVSP shall be	Payment of fees by the	The Director of Public Works shall	

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<p>Impacts 4.3-8, 4.3-9, 4.3-18 and 4.3-19</p>	<p>Transportation and Circulation</p>				
<p>County Facilities</p>	<ul style="list-style-type: none"> • Walerga Road • Watt Avenue <p>Consistent with Placer County's Mitigation Measure 4.7-2a for the Placer Vineyards Specific Plan and Mitigation Measure 6.12-1 for the Regional University Specific Plan, which require Placer County to attempt to enter into an agreement with Sacramento County in order to mitigate the significant effects of the those two Placer County projects within Sacramento County, the City of Roseville shall negotiate in good faith to enter into a fair agreement with Sacramento County regarding Sierra Vista's fair share mitigation for this improvement. In reaching an accommodation with Sacramento County, the City and Sacramento County, in order to better ensure an effective sub-regional approach to mitigating transportation-related impacts, may choose to include within the same agreements or Joint Powers Authority additional public agencies with whom it must work to mitigate transportation-related impacts, such as Placer County, Sutter County, and Caltrans. As the City strives to achieve agreement(s) with one or more of these other agencies, the City shall insist that "fair share" fee obligations be reciprocal, in the sense that the other local agencies, in accepting fair share contributions from the SVSP developers, must agree to require new development occurring in their own jurisdictions to make fair share contributions towards mitigating the</p>	<p>required to contribute to the regional fee to fund a portion of the improvements per the Development Agreements.</p>	<p>applicants at the time of each building permit</p>	<p>ensure that the development fees are paid and that shall coordinate regional agreements for implementation of the improvements. Sacramento County would be responsible for overseeing improvements in its jurisdiction.</p>	

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
<p>Impacts 4.3-8, 4.3-9, 4.3-18 and 4.3-19</p>	<p>Transportation and Circulation</p>				
	<p>significant effects of such development on the City's transportation network. Any such arrangement(s), with just Sacramento County or with additional agencies, shall account for existing inter-agency fee programs in order to avoid requiring redundant mitigation or fee payments exceeding fair share mitigation levels. The City intends that its arrangement(s) with Sacramento County and any other agencies shall permit the participating agencies flexibility in providing cross-jurisdictional credits and reimbursements consistent with the general "fair share" mitigation standard, and require an updated model run incorporating the best available information in order to obtain the most accurate, up-to-date impact assessment feasible and to generate the most accurate, up-to-date estimates of regional fair share contributions. These arrangements, moreover, should also include provisions that allow for periodic updates to the traffic modeling on which fair share payment calculations depend in order to account for (i) newly approved projects cumulatively contributing to transportation-related impacts and that therefore should contribute to the funding of necessary improvements (e.g., the Curry Creek Community Plan in Placer County), (ii) additional physical improvements necessitated in whole or in part by newly approved projects, (iii) changing cost calculations for the construction of needed improvements based on changes in the costs of</p>				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impacts 4.3-8, 4.3-9, 4.3-18 and 4.3-19	Transportation and Circulation				
	materials, labor, and other inputs. Implementation of MM 4.3-5 would reduce impacts to a less than significant level; however, these improvements lie outside the jurisdiction of the City of Roseville.				
IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.3-10 and 4.3-21	Transportation and Circulation				
Increased traffic volumes on Sutter County Intersections	<p>MM 4.3-7 Sutter County Facilities pay fair share of improvements</p> <ul style="list-style-type: none"> Reigo Road and Pleasant Grove South Reigo Road and Pleasant Grove North Reigo Road <p>The City of Roseville shall negotiate in good faith to enter into a fair agreement with Sutter County regarding Sierra Vista's fair share mitigation for this improvement. In reaching an accommodation with Sutter County, the City and Sutter County, in order to better ensure an effective sub-regional approach to mitigating transportation-related impacts, may choose to include within the same agreements or Joint Powers Authority additional public agencies with whom it must work to mitigate transportation-related impacts, such as Placer County, Sacramento County, and Caltrans. As the City strives to achieve agreement(s) with one or more of these other agencies, the City shall insist that "fair share" fee obligations be</p>	The City and Sutter County shall implement a regional traffic fee to fund the identified improvements. Applicants within the SVSP shall be required to contribute to the regional fee to fund a portion of the improvements per the Development Agreements. Sutter County shall be responsible for overseeing the improvements.	Payment of fees by the Applicants at the time of each building permit	Sutter County Public Works Director and the City Public Works Director shall ensure that the regional traffic fee program is implemented, the fees collected, and the improvements implemented.	

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<p>Impact 4.3-10 and 4.3-21</p>	<p>Transportation and Circulation</p>				
	<p>reciprocal, in the sense that the other local agencies, in accepting fair share contributions from the SVSP developers, must agree to require new development occurring in their own jurisdictions to make fair share contributions towards mitigation the significant effects of such development on the City's transportation network. Any such arrangement(s), with just Sutter County or with additional agencies, shall account for existing inter-agency fee programs in order to avoid requiring redundant mitigation or fee payments exceeding fair share mitigation levels. The City intends that its arrangement(s) with Sutter County and any other agencies shall permit the participating agencies flexibility in providing cross-jurisdictional credits and reimbursements consistent with the general "fair share" mitigation standard, and require an updated model run incorporating the best available information in order to obtain the most accurate, up-to-date impact assessment feasible and to generate the most accurate, up-to-date estimates of regional fair share contributions. These arrangements, moreover, should also include provisions that allow for periodic updates to the traffic modeling on which fair share payment calculations depend in order to account for (i) newly approved projects cumulatively contributing to transportation-related impacts and that therefore should contribute to the funding of necessary improvements (e.g., the Curry Creek Community Plan in Placer County), (ii) additional physical</p>				

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Impact 4.3-10 and 4.3-21	Transportation and Circulation				
	<p>improvements necessitated in whole or in part by newly approved projects, (iii) changing cost calculations for the construction of needed improvements based on changes in the costs of materials, labor, and other inputs. Implementation of MM 4.3-8 would reduce impacts to a less than significant level; however, these improvements lie outside the jurisdiction of the City of Roseville. As such, this impact is considered significant and unavoidable.</p>				
IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.3-11 and 4.3-21	Transportation and Circulation				
Impacts to state facilities	<p>MM 4.3-5 State Facilities Funding</p> <p>No specific improvements have been identified to mitigate project impacts on I-80 or SR 65; however, the City is willing to work with Caltrans & the Placer County Transportation Planning Agency (PCTPA) to establish a regional approach to institute a fee program for the purpose of funding improvements on these facilities. If and when Caltrans and the City enter into an enforceable agreement, the Project shall pay impact fees to the City of Roseville in amounts that constitute the Project's fair share contributions to the construction of transportation facilities and/or improvements, consistent with the Mitigation Fee Act (Gov. Code, § 66000 et seq.).</p> <p>The City shall determine the means of providing the project's fair share of the</p>	<p>The City, Caltrans, and PCTPA shall implement a regional traffic fee to fund the identified improvements. Applicants within the SVSP shall be required to contribute to the regional fee to fund a portion of the improvements per the Development Agreements. Caltrans shall be responsible for overseeing the improvements.</p>	<p>Payment of fees by the Applicant(s) at the time of each building permit</p>	<p>Caltrans Director and the City Public Works Director shall ensure that the regional traffic fee program is implemented, the fees collected, and the improvements implemented.</p>	

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IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.3-11 and 4.3-21	Transportation and Circulation				
	funds for these improvements to Caltrans through the inter-agency agreement or other arrangement required by Mitigation Measure 4.3-7.				
IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
Generate short-term construction related emissions	<p>MM 4.4-1 <i>Dust and Construction Control Measures</i></p> <p>In accordance with the PCAPCD, the applicant shall comply with all applicable rules and regulations as listed above (e.g., Rule 202, 218 and 228). In addition, at the time of tentative map the applicant(s) shall implement a minimum of five (5) of the following measures unless superseded by state or other more stringent standards:</p> <p>The following mitigation measures shall be implemented to reduce short-term construction-related air quality impacts. In addition, dust control measures are required to be implemented by all projects in accordance with the City of Roseville Grading Ordinance, and the PCAPCD Fugitive Dust Rule 228.</p> <ul style="list-style-type: none"> Applicant shall submit to PCAPCD a Construction Emission / Dust Control Plan within 30 days prior to groundbreaking. If the PCAPCD does not respond within 20 days, the plan shall be considered approved. The plan must address the minimum requirements found in section 300 and 400 of District Rule 228, Fugitive Dust (www.placer.ca.gov/airpollution/a) 	The applicants shall submit construction management plans as part of the Grading Permit application. The Public Works Director shall review grading plans for inclusion of these measures prior to issuance of grading permits. The City Code Enforcement Officer shall respond to complaints.	Prior to issuance of Grading Permits.	Director of Public Works shall ensure that dust control measures are implemented	

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p>irpolut.htm). The applicant shall keep a hard or electronic copy of Rule 228, Fugitive Dust on-site for reference.</p> <ul style="list-style-type: none"> The Construction Emission/Dust Control Plan shall include a comprehensive inventory (i.e. make, model, year, emission rating) of all heavy-duty off-road equipment (50 horsepower (HP) or greater) that will be used an aggregate of 40 or more hours for the construction project. The project representative shall provide PCAPCD with the anticipated construction timeline including start date, and name and phone number of the project manager and on-site foreman. The plan shall demonstrate that the heavy-duty (> 50 HP) off-road vehicles to be used in the construction project, including owned, leased and subcontractor vehicles, will achieve a project wide fleet-average 20% NO_x reduction and 45% particulate reduction compared to the most recent ARB fleet average. PCAPCD shall be contacted for average fleet emission data. Acceptable options for reducing emissions may include use of late model engines, low-emission diesel products, alternative fuels, engine retrofit technology, after-treatment products, and/or other options as they become available. Contractors can access the Sacramento Metropolitan Air Quality Management District's 				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p>web site to determine if their off-road fleet meets the requirements listed in this measure http://www.airquality.org/ceqa/Construction_Mitigation_Calculator.xls).</p> <p>The following measures are also included to reduce construction-related ROG, Nox, PM10 and PM2.5 emissions:</p> <ul style="list-style-type: none"> All construction equipment shall be maintained in good operating condition. Contractor shall ensure that all construction equipment is being properly serviced and maintained as per the manufacturer’s specifications. Maintenance records shall be available at the construction site for verification. This measure will reduce combustion emissions of all criteria air pollutants. Prior to the issuance of any grading permits, all applicants shall submit construction plans denoting the proposed schedule and projected equipment use. Construction contractors shall provide evidence that low emission mobile construction will be used, or that their use was investigated and found to be infeasible for the project. Low emission equipment is defined as meeting the California Air Resources Board’s Tier III standards. Contractors shall also conform to any construction measures imposed by the PCAPCD as well as City Planning Staff. This measure will primarily 				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p>reduce ROG, Nox, PM10, and PM2.5 exhaust emissions.</p> <ul style="list-style-type: none"> • Paints and coating shall be applied either by hand or by high volume, low-pressure spray. This measure will reduce evaporative ROG emissions. • All construction shall comply with the following measures to reduce fugitive dust related emissions of PM10 and PM2.5: <ul style="list-style-type: none"> ○ Maintain a minimum 24-inch freeboard on soil haul trucks or cover payloads using tarps or other suitable means. ○ Suspend grading operations during high winds (greater than 15 mph). ○ Sweep streets as necessary if silt is carried off-site to adjacent public thoroughfares or occurs as a result of hauling. ○ Dispose of surplus excavated material in accordance with local ordinances and use sound engineering practices. ○ Schedule activities to minimize the amounts of exposed excavated soil during and after the end of work periods. ○ Phase grading into smaller areas to prevent the susceptibility of larger areas 				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p>to erosion over extended periods of time.</p> <ul style="list-style-type: none"> ○ Pave or apply gravel to any on-site haul roads. ○ Reestablish ground cover on the construction site through seeding and water. ○ Clean earth moving construction equipment with water or sweep clean, once per day, or as necessary (e.g., when moving onsite), consistent with National Pollutant Discharge Elimination System Best Management Practices and the Roseville Grading Ordinance. Water shall be applied to control dust as needed to prevent dust impacts offsite. Operational water truck(s), shall be on-site, as required, to control fugitive dust. Construction vehicles leaving the site shall be cleaned, as needed, to prevent dust, silt, mud, and dirt from being released or tracked off-site. ○ Spread soil binders on unpaved roads and employee/equipment parking areas. Soil binders shall be non-toxic in accordance with state and local regulations. Apply approved chemical soil stabilizers, or vegetated mats, etc. according to 				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p>manufacturers' specifications, to all-inactive construction areas (previously graded areas which remain inactive for 96 hours).</p> <ul style="list-style-type: none"> ○ Minimize diesel idling time to a maximum of five minutes. ○ Utilize existing power sources (e.g., power poles) or clean fuel generators rather than temporary diesel power generators, if feasible. ○ An applicant representative, ARB-certified to perform Visible Emissions Evaluations (VEE), shall routinely (i.e., once per week) evaluate project related off-road and heavy-duty on-road equipment emissions for compliance with this requirement for projects grading more than 20 acres in size, regardless of how many acres are to be disturbed daily. ○ Construction equipment exhaust emissions shall not exceed the PCAPCD Visible Emissions Rule 202. Fugitive dust is not to exceed 40% opacity and not go beyond property boundary at any time. Operators of vehicles and equipment found to exceed opacity limits are to be immediately notified 				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p>and the equipment must be repaired within 72 hours.</p> <p>The City of Roseville is currently working with the Placer County Pollution Control District to update the standard mitigation measures. The following measures will likely be required at the time specific development is proposed.</p> <p>1c. Prior to approval of Grading/ plans the applicant shall submit a Construction Emission / Dust Control Plan to the Placer County APCD. The plan must be submitted by certified mail, or receive a date stamp or other submittal proof. This plan must address the minimum Administrative Requirements found in section 300 and 400 of APCD Rule 228, Fugitive Dust. The applicant shall not break ground prior to receiving APCD approval of the Construction Emission/Dust Control Plan. If the applicant has submittal proof of submittal and no response is received from the District within 20 working days the plan shall be deemed complete, and construction may begin.</p> <p>1c. Include the following standard note on the Improvement/Grading Plan: The prime contractor shall submit to the District a comprehensive inventory (i.e. make, model, year, emission rating) of all the heavy-duty off-road equipment (50 horsepower or greater) that will be used an aggregate of 40 or more hours for the construction project. If any new equipment is added after</p>				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p>submission of the inventory, the prime contractor shall the prime contractor shall contact the APCD prior to the new equipment being utilized. At least three business days prior to the use of subject heavy-duty off-road equipment, the project representative shall provide the District with the anticipated construction timeline including start date, and name and phone number of the property owner, project manager, and on-site foreman.</p> <p>1c. Prior to approval of Grading/Improvement Plans, the applicant shall provide a plan to the Placer County APCD for approval by the District demonstrating that the heavy-duty (> 50 horsepower) off-road vehicles to be used in the construction project, including owned, leased and subcontractor vehicles, will achieve a project wide fleet-average 20 percent Nox reduction and 45 percent particulate reduction compared to the most recent CARB fleet average. Acceptable options for reducing emissions may include use of late model engines, low-emission diesel products, alternative fuels, engine retrofit technology, after-treatment products, and/or other options as they become available.</p> <p>2. Include the following standard note on the Improvement/Grading Plan: <i>If required by the Public Works Department, the contractor shall hold a pre-construction meeting</i></p>				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p><i>prior to grading activities. The contractor shall invite the Placer County APCD to the pre-construction meeting in order to discuss the construction emission/dust control plan with employees and/or contractors.</i></p> <p>3. Prior to building permit approval, the applicant shall show, on the plans submitted to the Building Department, that electrical outlets shall be installed on the exterior walls of both the front and back of all residences or all commercial buildings to promote the use of electric landscape maintenance equipment.</p> <p>4. Prior to building permit approval, the applicant shall show, on the plans submitted to the Building Department, provisions for construction of new residences, and where natural gas is available, the installation of a gas outlet for use with outdoor cooking appliances, such as a gas barbecue or outdoor recreational fire pits.</p> <p>5. Prior to building permit approval, in accordance with District Rule 225, only U.S. EPA Phase II certified wood burning devices shall be allowed in single-family residences. The emission potential from each residence shall not exceed a cumulative total of 7.5 grams per hour for all devices. Masonry fireplaces shall have either an EPA certified Phase II wood burning device or shall be a U.L. Listed</p>				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p>Decorative Gas Appliance. (Rule 225)</p> <p>6. Wood burning or Pellet appliances shall not be permitted in multi-family developments. Only natural gas or propane fired fireplace appliances are permitted. These appliances shall be clearly delineated on the Floor Plans submitted in conjunction with the Building Permit application. (Rule 225 / section 302.2)</p> <p>7. Prior to the issuance of a Building Permit, the applicant shall show that all flat roofs with parapets shall include a white or silver cap sheet to reduce energy demands.</p> <p>8. Diesel trucks shall be prohibited from idling more than five minutes. Prior to the issuance of a Building Permit, the applicant shall show that all truck loading and unloading docks shall be equipped with one 110/208 volt power outlet for every two dock doors. Diesel Trucks idling for more than five minutes shall be required to connect to the 110/208 volt power to run any auxiliary equipment. 2'x3' signage which indicates "Diesel engine Idling Limited to a Maximum of 5 Minutes" shall be shown on the building elevations and shall be submitted to the Placer County APCD prior to the issuance of Building Permits for the project.</p> <p>9. Prior to approval of Improvement</p>				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p>Plans, an enforcement plan shall be established, and submitted to the APCD for review, in order to evaluate project-related on-and-off- road heavy-duty vehicle engine emission opacities on a weekly basis, using standards as defined in California Code of Regulations, Title 13, Sections 2180 – 2194. An Environmental Coordinator, hired by the prime contractor or property owner, and who is CARB-certified to perform Visible Emissions Evaluations (VEE), shall routinely evaluate project related off-road and heavy duty on-road equipment emissions for compliance with this requirement. Operators of vehicles and equipment found to exceed opacity limits will be notified by APCD and the equipment must be repaired within 72 hours. (California Code of Regulations, Title 13, Sections 2180 – 2194)</p> <p>PCAPCD Rules (Existing District requirements to be added as construction notes or referenced in conditions of approval)</p> <p>New Standard Condition of Approval (for all projects): <i>The project shall comply with all applicable Placer County Air Pollution Control District rules and regulations, and shall obtain applicable permits and/or clearances from the District prior to the start of construction.</i></p> <p>The following air quality notes shall be added to the grading and/or improvement plans:</p>				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<ul style="list-style-type: none"> • The contractor shall use CARB ultra low sulfur diesel fuel for all diesel-powered equipment. In addition, low sulfur fuel shall be utilized for all stationary equipment. (California Standards for Motor Vehicle Diesel Fuel, title 13, article 4.8, chapter 9, California Code of Regulations). • Processes that discharge 2 pounds per day or more of air contaminants, as defined by Health and Safety Code Section 39013, to the atmosphere may require a permit. Permits are required for both construction and operation. Developers/contractors should contact the District prior to construction and obtain any necessary permits prior to the issuance of a Building Permit. (Rule 501) • Pursuant to the Placer County Air Pollution Control District Rule 501, General Permit Requirements, the proposed project may need a permit from the District prior to construction. In general, any engine greater than 50 brake horsepower or any boiler with heat greater than 1,000,000 Btu per hour shall require a permit issued by the District. (Rule 501) • All on-site stationary equipment which is classified as 50 hp or greater shall either obtain a state issued portable equipment permit or a Placer County APCD issued portable equipment permit. (California Portable Equipment 				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p>Registration Program, Section 2452).</p> <ul style="list-style-type: none"> • The contractor shall utilize existing power sources (e.g., power poles) or clean fuel generators rather than temporary diesel power generators if feasible. • During construction, the contractor shall minimize idling time to a maximum of 5 minutes for all diesel powered equipment. • During construction, traffic speeds on all unpaved surfaces shall be limited to 15 miles per hour or less. (Rule 228 / section 401.2) <p>Contact the APCD prior to the new equipment being utilized. At least three business days prior to the use of subject heavy-duty off-road equipment, the project representative shall provide the District with the anticipated construction timeline including start date, and name and phone number of the property owner, project manager, and on-site foreman.</p> <p>1. Prior to approval of Grading/Improvement Plans, the applicant shall provide a plan to the Placer County APCD for approval by the District demonstrating that the heavy-duty (> 50 horsepower) off-road vehicles to be used in the construction project, including owned, leased and subcontractor vehicles, will achieve a project wide fleet-average 20 percent Nox reduction and 45 percent particulate reduction compared to</p>				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p>the most recent CARB fleet average. Acceptable options for reducing emissions may include use of late model engines, low-emission diesel products, alternative fuels, engine retrofit technology, after-treatment products, and/or other options as they become available.</p> <p>2. Include the following standard note on the Improvement/Grading Plan: <i>If required by the Public Works Department, the contractor shall hold a pre-construction meeting prior to grading activities. The contractor shall invite the Placer County APCD to the pre-construction meeting in order to discuss the construction emission/dust control plan with employees and/or contractors.</i></p> <p>3. Prior to building permit approval, the applicant shall show, on the plans submitted to the Building Department, that electrical outlets shall be installed on the exterior walls of both the front and back of all residences or all commercial buildings to promote the use of electric landscape maintenance equipment.</p> <p>4. Prior to building permit approval, the applicant shall show, on the plans submitted to the Building Department, provisions for construction of new residences, and where natural gas is available, the installation of a gas outlet for use with outdoor cooking appliances, such as a gas barbecue or outdoor</p>				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p>recreational fire pits.</p> <p>5. Prior to building permit approval, in accordance with District Rule 225, only U.S. EPA Phase II certified wood burning devices shall be allowed in single-family residences. The emission potential from each residence shall not exceed a cumulative total of 7.5 grams per hour for all devices. Masonry fireplaces shall have either an EPA certified Phase II wood burning device or shall be a U.L. Listed Decorative Gas Appliance. (Rule 225)</p> <p>6. Wood burning or Pellet appliances shall not be permitted in multi-family developments. Only natural gas or propane fired fireplace appliances are permitted. These appliances shall be clearly delineated on the Floor Plans submitted in conjunction with the Building Permit application. (Rule 225 / section 302.2)</p> <p>7. Prior to the issuance of a Building Permit, the applicant shall show that all flat roofs with parapets shall include a white or silver cap sheet to reduce energy demands.</p> <p>8. Diesel trucks shall be prohibited from idling more than five minutes. Prior to the issuance of a Building Permit, the applicant shall show that all truck loading and unloading docks shall be equipped with one 110/208 volt power outlet for every two dock doors. Diesel Trucks idling for more than five minutes</p>				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p>shall be required to connect to the 110/208 volt power to run any auxiliary equipment. 2'x3' signage which indicates "Diesel engine Idling Limited to a Maximum of 5 Minutes" shall be shown on the building elevations and shall be submitted to the Placer County APCD prior to the issuance of Building Permits for the project.</p> <p>9. Prior to approval of Improvement Plans, an enforcement plan shall be established, and submitted to the APCD for review, in order to evaluate project-related on-and-off-road heavy-duty vehicle engine emission opacities on a weekly basis, using standards as defined in California Code of Regulations, Title 13, Sections 2180 – 2194. An Environmental Coordinator, hired by the prime contractor or property owner, and who is CARB-certified to perform Visible Emissions Evaluations (VEE), shall routinely evaluate project related off-road and heavy duty on-road equipment emissions for compliance with this requirement. Operators of vehicles and equipment found to exceed opacity limits will be notified by APCD and the equipment must be repaired within 72 hours. (California Code of Regulations, Title 13, Sections 2180 – 2194)</p> <p>PCAPCD Rules (Existing District requirements to be added as construction notes or referenced in conditions of approval)</p>				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p>New Standard Condition of Approval (for all projects): <i>The project shall comply with all applicable Placer County Air Pollution Control District rules and regulations, and shall obtain applicable permits and/or clearances from the District prior to the start of construction.</i></p> <p>The following air quality notes shall be added to the grading and/or improvement plans:</p> <ul style="list-style-type: none"> • The contractor shall use CARB ultra low sulfur diesel fuel for all diesel-powered equipment. In addition, low sulfur fuel shall be utilized for all stationary equipment. (California Standards for Motor Vehicle Diesel Fuel, title 13, article 4.8, chapter 9, California Code of Regulations). • Processes that discharge 2 pounds per day or more of air contaminants, as defined by Health and Safety Code Section 39013, to the atmosphere may require a permit. Permits are required for both construction and operation. Developers/contractors should contact the District prior to construction and obtain any necessary permits prior to the issuance of a Building Permit. (Rule 501) • Pursuant to the Placer County Air Pollution Control District Rule 501, General Permit Requirements, the proposed project may need a permit from the District prior to construction. In general, any 				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p>engine greater than 50 brake horsepower or any boiler with heat greater than 1,000,000 Btu per hour shall require a permit issued by the District. (Rule 501)</p> <ul style="list-style-type: none"> All on-site stationary equipment which is classified as 50 hp or greater shall either obtain a state issued portable equipment permit or a Placer County APCD issued portable equipment permit. (California Portable Equipment Registration Program, Section 2452). The contractor shall utilize existing power sources (e.g., power poles) or clean fuel generators rather than temporary diesel power generators if feasible. During construction, the contractor shall minimize idling time to a maximum of 5 minutes for all diesel powered equipment. During construction, traffic speeds on all unpaved surfaces shall be limited to 15 miles per hour or less. (Rule 228 / section 401.2) 				
IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.3-2 and 4.3-5	Air Quality				
Operational emissions and consistency with Plans and Policies (SIP)	<p>WMM 4.4-3 Project Measures to Reduce Operational Emissions</p> <p>Following receipt of an application for a Tentative Maps (excluding the large lot subdivision map) or Design Review Permit for individual projects with the Specific Plan, the City will forward an</p>	The Applicants shall provide this information as general notes on the grading plans. The Public Works Director shall review plans for inclusion of	Prior to issuance of grading permits.	The Public Works Director and Code Enforcement Officer shall ensure that the dust control measures are implemented.	

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p>early consultation notice to the Placer County Air Quality District. Where the PCAQD provides comments on a specific development proposal, the City shall consult with PCAQD and the developer to incorporate measures recommended by the PCAQD and City into the project. Where the PCAQD does not provide comment on a specific development proposal, the City shall incorporate measures that reduce vehicle emissions and operation emissions from the proposed development. This measure will be implemented through project design, conditions of approval, noticing and disclosure statements, or through the City's plan check and inspection processes. This process is intended to ensure that best available and practical approaches are used to reduce operational emissions in specific tentative map and design review permit applications. The following is a listing of the types of potential measures that could be implemented for the purpose of further reducing vehicle and operational emissions.</p> <ul style="list-style-type: none"> • Provide tree plantings that meet or exceed the requirements of the City's Community Design Guidelines to provide shading of buildings and parking lots. • Landscape with native drought-resistant plants (ground covers, shrubs and trees) with particular consideration of plantings that are not reliant on gas-powered landscape maintenance equipment. 	<p>this measure prior to issuance of building permits. The City Code Enforcement Officer shall respond to complaints.</p>			

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<ul style="list-style-type: none"> • Require all flat roofs on non-residential structures to have a white or silver cap sheet to reduce energy demand. • Provide conductive/inductive electric vehicle charging station and signage prohibiting parking for non-electric vehicles within designated spaces within non-residential developments. • Provide vanpool parking only spaces and preferential parking for carpools to accommodate carpools and vanpools in employment areas (e.g. community commercial, business-professional uses) • All truck loading and unloading docks shall be equipped with one 110/208 volt power outlet for every two-dock doors. Signs shall be posted stating "Diesel trucks are prohibited from idling more than five minutes and trucks requiring auxiliary power shall connect to the 110/208-volt outlets to run auxiliary equipment". • Design streets to maximize pedestrian access to transit stops. • Require site design to maximize access to transit lines, to accommodate bus travel, and to provide lighted shelters at transit access points. • Develop the plan consistent with the higher residential densities (within approved residential density ranges of zone) provided 				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p>around the village nodes and transit corridors.</p> <ul style="list-style-type: none"> • Include photovoltaic systems in project design and/or participate in Roseville Electric incentive programs for energy-efficient development. <p>Measures for Detached Single-Family Residences:</p> <ul style="list-style-type: none"> • Require electrical outlets be installed on the exterior walls of both the front and back of residences to promote the use of electric landscape maintenance equipment. • Require installation of a gas outlet in the rear of residential buildings for use of outdoor cooking appliances, such as gas burning barbeques. • Require installation of low nitrogen oxide (NOx) hot water heaters (beyond District Rule 246 requirements) • Provide notice to homebuyers of incentive and rebate programs available through Roseville Electric or other providers that encourage the purchase of electric landscape maintenance equipment. • Only gas fireplaces should be permitted. Where propane or natural gas service is not available, only EPA Phase II certified wood-burning devices shall be allowed in single-family residences. The 				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p>emission potential from each residence shall not exceed 7.5 grams per hour. Wood-burning or Pellet appliances shall not be permitted in multi-family developments.</p> <p>The City of Roseville is currently working with the Placer County Pollution Control District to update the standard mitigation measures. The following measures will likely be required at the time specific development is proposed.</p> <p>1a. Prior to approval of Grading/ plans the applicant shall submit a Construction Emission / Dust Control Plan to the Placer County APCD. This plan must address the minimum Administrative Requirements found in section 300 and 400 of APCD Rule 228, Fugitive Dust. The applicant shall not break ground prior to receiving APCD approval of the Construction Emission/Dust Control Plan. If no response is received from the District within 20 working days the plan shall be deemed complete, and construction may begin.</p> <p>1b. Include the following standard note on the Improvement/Grading Plan: The prime contractor shall submit to the District a comprehensive inventory (i.e. make, model, year, emission rating) of all the heavy-duty off-road equipment (50 horsepower of greater) that will be used an aggregate of 40 or more hours for the construction project. If any new equipment is added</p>				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p>after submission of the inventory, the prime contractor shall contact the APCD prior to the new equipment being utilized. At least three business days prior to the use of subject heavy-duty off-road equipment, the project representative shall provide the District with the anticipated construction timeline including start date, and name and phone number of the property owner, project manager, and on-site foreman.</p> <p>1c. Prior to approval of Grading/Improvement Plans, the applicant shall provide a plan to the Placer County APCD for approval by the District demonstrating that the heavy-duty (> 50 horsepower) off-road vehicles to be used in the construction project, including owned, leased and subcontractor vehicles, will achieve a project wide fleet-average 20 percent Nox reduction and 45 percent particulate reduction compared to the most recent CARB fleet average. Acceptable options for reducing emissions may include use of late model engines, low-emission diesel products, alternative fuels, engine retrofit technology, after-treatment products, and/or other options as they become available.</p> <p>2. Include the following standard note on the Improvement/Grading Plan: <i>If required by the Public Works Department, the contractor shall</i></p>				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p><i>hold a pre-construction meeting prior to grading activities. The contractor shall invite the Placer County APCD to the pre-construction meeting in order to discuss the construction emission/dust control plan with employees and/or contractors.</i></p> <p>3. Prior to building permit approval, the applicant shall show, on the plans submitted to the Building Department, that electrical outlets shall be installed on the exterior walls of both the front and back of all residences or all commercial buildings to promote the use of electric landscape maintenance equipment.</p> <p>4. Prior to building permit approval, the applicant shall show, on the plans submitted to the Building Department, provisions for construction of new residences, and where natural gas is available, the installation of a gas outlet for use with outdoor cooking appliances, such as a gas barbecue or outdoor recreational fire pits.</p> <p>5. Prior to building permit approval, in accordance with District Rule 225, only U.S. EPA Phase II certified wood burning devices shall be allowed in single-family residences. The emission potential from each residence shall not exceed a cumulative total of 7.5 grams per hour for all devices. Masonry fireplaces shall have either a EPA certified Phase II wood burning device or shall be a U.L. Listed</p>				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p>Decorative Gas Appliance. (Rule 225)</p> <p>6. Wood burning or Pellet appliances shall not be permitted in multi-family developments. Only natural gas or propane fired fireplace appliances are permitted. These appliances shall be clearly delineated on the Floor Plans submitted in conjunction with the Building Permit application. (Rule 225 / section 302.2)</p> <p>7. Prior to the issuance of a Building Permit, the applicant shall show that all flat roofs with parapets shall include a white or silver cap sheet to reduce energy demands.</p> <p>8. Diesel trucks shall be prohibited from idling more than five minutes. Prior to the issuance of a Building Permit, the applicant shall show that all truck loading and unloading docks shall be equipped with one 110/208 volt power outlet for every two dock doors. Diesel Trucks idling for more than five minutes shall be required to connect to the 110/208 volt power to run any auxiliary equipment. 2'x3' signage which indicates "Diesel engine Idling Limited to a Maximum of 5 Minutes" shall be shown on the building elevations and shall be submitted to the Placer County APCD prior to the issuance of Building Permits for the project.</p> <p>9. Prior to approval of Improvement Plans, an enforcement plan shall be established, and submitted to the</p>				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p>APCD for review, in order to evaluate project-related on-and-off- road heavy-duty vehicle engine emission opacities on a weekly basis, using standards as defined in California Code of Regulations, Title 13, Sections 2180 – 2194. An Environmental Coordinator, hired by the prime contractor or property owner, and who is CARB-certified to perform Visible Emissions Evaluations (VEE), shall routinely evaluate project related off-road and heavy duty on-road equipment emissions for compliance with this requirement. Operators of vehicles and equipment found to exceed opacity limits will be notified by APCD and the equipment must be repaired within 72 hours. (California Code of Regulations, Title 13, Sections 2180 – 2194)</p> <p>PCAPCD Rules (Existing District requirements to be added as construction notes or referenced in conditions of approval)</p> <p>New Standard Condition of Approval (for all projects): <i>The project shall comply with all applicable Placer County Air Pollution Control District rules and regulations, and shall obtain applicable permits and/or clearances from the District prior to the start of construction.</i></p> <p>The following air quality notes shall be added to the grading and/or improvement plans:</p> <ul style="list-style-type: none"> The contractor shall use CARB ultra low sulfur diesel fuel for all diesel-powered equipment. In 				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<p>addition, low sulfur fuel shall be utilized for all stationary equipment. (California Standards for Motor Vehicle Diesel Fuel, title 13, article 4.8, chapter 9, California Code of Regulations).</p> <ul style="list-style-type: none"> • Processes that discharge 2 pounds per day or more of air contaminants, as defined by Health and Safety Code Section 39013, to the atmosphere may require a permit. Permits are required for both construction and operation. Developers/contractors should contact the District prior to construction and obtain any necessary permits prior to the issuance of a Building Permit. (Rule 501) • Pursuant to the Placer County Air Pollution Control District Rule 501, General Permit Requirements, the proposed project may need a permit from the District prior to construction. In general, any engine greater than 50 brake horsepower or any boiler with heat greater than 1,000,000 Btu per hour shall require a permit issued by the District. (Rule 501) • All on-site stationary equipment which is classified as 50 hp or greater shall either obtain a state issued portable equipment permit or a Placer County APCD issued portable equipment permit. (California Portable Equipment Registration Program, Section 2452). 				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-1	Air Quality				
	<ul style="list-style-type: none"> The contractor shall utilize existing power sources (e.g., power poles) or clean fuel generators rather than temporary diesel power generators if feasible. During construction, the contractor shall minimize idling time to a maximum of 5 minutes for all diesel powered equipment. During construction, traffic speeds on all unpaved surfaces shall be limited to 15 miles per hour or less. (Rule 228 / section 401.2) 				
IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.4-4	Air Quality				
Exposure to toxic air contaminants	<p>WMM 4.4-7 Risk Assessment and Site Specific Measures</p> <p>Users that could generate toxic air contaminants will be required to submit a Permit to Operate to the PCAPCD. The District will review the use and if a proposed project would cause the combined emissions of TACs to exceed the risk standard of ten in one million at residences or public uses (schools, parks, etc), additional modeling and/or environmental review would be required to demonstrate emissions from that use or other uses would be reduced so that the standard is not exceeded. For example, an applicant could proposed to retrofit an existing operation in order to lower the total TAC emissions in the SVSP area.</p>	The applicant shall submit a Permit to Operate to the Placer County Air Pollution Control District during the design review process.	Applicants shall obtain a permit to operate from the PCAPCD, as needed, prior to issuance of a certificate of occupancy.	The Placer County Air Pollution Control District shall review proposals and notify the Planning Director should a proposed use exceed the TAC threshold. The Planning Director and Environmental Coordinator shall determine if additional environmental review is required prior to approval of the use and ensure that measures are implemented to reduce exposure to TACs.	

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.5-1	Climate Change and Greenhouse Gas Emissions				
<p>Increased short-term construction-related and long term operational greenhouse gas emissions</p>	<p>MM 4.5-1 Air Quality Measures</p> <p>Implementation of the Air Quality Mitigation Measures listed in Section 4.3 <i>Air Quality</i> would reduce operational and construction-related emissions of criteria air pollutants and precursors, and would also act to reduce GHG emissions associated with project construction and operation. Mitigation Measure 4.4-1 found in the Air Quality section of this EIR, is relevant to impact 4.5-1 because both criteria air pollutant and GHG emissions are frequently associated with combustion byproducts. In addition, the City shall implement the following measures to reduce direct and indirect GHG emissions associated with the proposed project. Certain measures would already be components of the project (i.e., Specific Plan policies, design guidelines and standards), and/or would be applied consistent with the City's General Plan Policies, addressing GHG emissions and climate change, but are provided here for purposes of completeness.</p> <p>MM 4.5-2 Additional Measures to Reduce GHG Emissions</p> <p>For each new development within the project site requiring a discretionary approval (e.g., tentative subdivision map, conditional use permit), the City shall impose mitigation measures that reduce GHG emissions to the extent feasible and to the extent appropriate with respect to the state's progress at the time toward meeting GHG emissions reductions required by the</p>	<p>The applicants shall submit construction management plans as part of the Grading Permit application. The Public Works Director shall review grading plans for inclusion of these measures prior to issuance of grading permits. The City Code Enforcement Officer shall respond to complaints.</p> <p>In addition, plans will be reviewed by the Placer County Air Pollution Control District for compliance with their rules and regulations.</p>	<p>Prior to issuance of Grading Permits.</p>	<p>Director of Public Works shall ensure that dust and construction-control measures are implemented.</p>	

MITIGATION MONITORING PROGRAM FOR THE SIERRA VISTA SPECIFIC PLAN

IMPACT	MITIGATION MEASURE	IMPLEMEN- TATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.5-1	Climate Change and Greenhouse Gas Emissions				
	<p>California Global Warming Solutions Act of 2006 (AB 32).</p> <p>The City shall require feasible reduction measures that, in combination with existing and future regulatory measures developed under AB 32, will reduce GHG emissions associated with the operation of developments and supporting infrastructure that are part of the proposed project by 30% from business-as-usual emissions levels projected for 2025, if feasible.</p>				
IMPACT	MITIGATION MEASURE	IMPLEMEN- TATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.6-2	Noise Commercial Noise				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.6-2	Noise Commercial Noise				
Commercial Noise Sources	<p>MM 4.4-1 Commercial Noise Controls</p> <p>For all commercial uses within 150 feet of residential uses, the developer shall implement the following or equally effective measures:</p> <p>In general, where commercial land uses adjoin residential property lines, the following measures should be included in the design of the commercial use. If the primary noise sources are parking lot noise, HVAC equipment and light truck deliveries, then 6-7 foot tall masonry walls shall be constructed to provide adequate isolation of parking lot and delivery truck activities. HVAC equipment shall be located either at ground level, or when located on roof-tops the building facades shall include parapets for shielding.</p>	The Planning Department shall review development proposals to ensure that the uses are compatible.	Prior to issuance of Building Permits	The Planning Director shall review all commercial plans and ensure that appropriate measures are implemented.	
Short term noise generated by construction activities	<p>MM 4.6-1 Construction Noise Reduction</p> <p>MM 4.6-1(a): Construction activities shall comply with the requirements of the City of Roseville Noise Ordinance.</p> <p>MM4.6-1(b): Locate fixed construction equipment such as compressors and generators as far as possible from sensitive receptors. Shroud or shield all impact tools, and muffle or shield all intake and exhaust ports on power construction equipment.</p> <p>MM 4.6-1(c): Designate a construction</p>	These measures shall be included on building plans. The Chief Building Inspector shall review plans for inclusion of these measures prior to issuance of building permits. The Code Enforcement Inspector shall respond to complaints.	Prior to approval of grading permits and/or building permits.	The Chief Building Inspector shall ensure that appropriate noise control measures are reflected in the building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall	

	<p>disturbance coordinator and conspicuously post the Coordinator’s contact information around the project site and in adjacent public spaces. The disturbance coordinator will receive all public complaints about construction noise disturbances, and will be responsible for determining the cause of the complaint, and implementing any feasible measures to be taken to alleviate the problem.</p> <p>MM 4.6-1(d): Well drilling shall occur prior to construction of the adjacent subdivision, to the extent feasible. If construction timing for the wells occurs after subdivision construction, then measures to reduce noise shall include; hanging flexible sound control curtains around the drilling apparatus, and the drill rig, to the degree feasible, as determined by the Environmental Utilities Director, if located within 1,000-feet of an occupied residence.</p> <p>MM 4.6-2: Commercial Noise Controls</p> <p>For all commercial uses within 150 feet of residential uses, the developer shall implement the following or equally effective measures:</p> <ul style="list-style-type: none"> • In general, where commercial land uses adjoin residential property lines, the following measures should be included in the design of the commercial use. If the primary noise sources are parking lot noise, HVAC equipment and light truck deliveries, then 6-7 foot tall masonry walls shall be constructed to provide adequate isolation of parking lot and delivery truck activities. HVAC equipment shall be located either at ground level, or when located 			<p>enforce the City’s Noise Ordinance regulations.</p>	
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	<p>on roof-tops the building facades shall include parapets for shielding.</p> <ul style="list-style-type: none"> • Where commercial uses adjoin common residential property lines, and loading docks or truck circulation routes face the residential areas, the following mitigation measures shall be included in the project design: <ul style="list-style-type: none"> ○ Loading docks and truck delivery areas shall maintain a minimum distance of 30 feet from residential property lines; ○ Property line barriers shall be 6 to 8 feet in height. Circulation routes for trucks should be located a minimum of 30-feet from residential property lines; ○ All heating, cooling and ventilation equipment shall be located within mechanical rooms where possible; ○ All heating, cooling and ventilation equipment shall be shielded from view with solid barriers; ○ Emergency generators shall comply with the local noise criteria at the nearest noise-sensitive receivers; ○ In cases where loading docks or truck delivery circulation routes are located less than 100 feet from residential property lines, an acoustical evaluation shall be submitted to verify 				
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MITIGATION MONITORING PROGRAM FOR THE SIERRA VISTA SPECIFIC PLAN

	compliance with the City of Roseville Noise Level Performance Standards.				
IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.6-4	Noise				
Community wide park noise	<p>MM 4.6-3 Attenuate Park Noise</p> <p>MM 4.6-3(a): Activities at the proposed Communitywide Park shall be scheduled to occur during daytime hours (7:00 a.m. to 10:00 p.m.).</p> <p>MM 4.6-3(b): Public address (PA) systems shall be designed, installed, and tested to comply with the requirements of the City of Roseville Municipal Code Noise Ordinance at the nearest sensitive receptors.</p> <p>MM 4.6-3(c): Wood fencing, or 160 foot setbacks adjacent to active recreation areas, shall be included in the project design where neighborhood parks abut residential uses.</p>	The Director of Parks and Recreation shall ensure that these measures are implemented.	At the time the Community wide Park is proposed, the measures shall be included in the parks plans.	The Director of Parks and Recreation shall enforce these measures.	
IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.6-6	Noise				
Increase in traffic noise	<p>WMM 4.5-8 On-site Traffic Noise Attenuation</p> <p>The project developer shall demonstrate through an acoustical study that residences along roadways will be subject to noise levels consistent with the City's standards. The standards could be achieved through a combination of setbacks, soundwalls or other barriers, building orientation or other measures. An acoustical analysis shall be required to demonstrate that these measures will result in acceptable noise levels.</p>	Applicants shall submit site-specific acoustical analyses to the Chief Building Inspector for review	Prior to issuance of building permits.	The Chief Building Inspector shall ensure that appropriate noise control measures are reflected in the building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall	

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.6-6	Noise				
	<p>MM 4.6- 4: Traffic Noise Attenuation</p> <p>MM 4.6-4(a): Masonry walls and/or landscaped berms shall be constructed along the major project-area roadways adjacent to proposed residential uses if acoustical studies warrant sound attenuation, otherwise standard wood fencing is acceptable. Draft EIR Table 4.6-10 data shall be consulted to determine appropriate barrier heights. If the assumptions shown in Table 4.6-10 vary considerably, a detailed analysis of exterior and interior mitigation measures should be conducted when tentative maps become available.</p> <p>MM 4.6-4(b): In areas requiring sound attenuation, noise barrier walls shall be constructed of concrete panels, concrete masonry units, earthen berms, or any combination of these materials. Wood is not recommended for construction due to eventual warping and degradation of acoustical performance.</p> <p>MM 4.6-4c: Tentative map applications for residential uses located along Fiddymment Road would be required to include an analysis of interior noise levels. The report shall be conducted by a qualified acoustical engineer and shall specify the measures required to achieve compliance with the City of Roseville 45 dB Ldn interior noise level standard.</p>			enforce the City's Noise Ordinance regulations.	
IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.6-10	Noise				

MITIGATION MONITORING PROGRAM FOR THE SIERRA VISTA SPECIFIC PLAN

McClellan Overflights	<p>Condition of Approval Disclosure of McClellan Over-flight Noise</p> <p>McClellan Airport is located approximately 4.25 miles from the southern boundary of the project area. In order to reduce potential conflicts due to noise from aircraft on approach or departure, under 3,000 feet, all residential uses with the plan area shall be provided with a deed disclosure or similar notice approved by the City Attorney regarding the proximity and nature of McClellan aircraft in the vicinity and the potential for over-flight noise.</p>	The Applicants shall be responsible for ensuring that future residents or other sensitive uses are given notice regarding proximity to McClellan.	This disclosure shall be applied prior to the issuance of occupancy permits	The City Attorney shall review of the disclosure language	
IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impacts 4.8-1, 4.8-2, 4.8-3, 4.8-13	Vegetation and Wildlife				
Loss of Federally protected wetland and other waters of the United States	<p>MM 4.8-1 (a): Ensure No Net Loss of Wetlands</p> <p>Consistent with the Clean Water Act and the City of Roseville General Plan, the SVSP shall achieve no net loss of wetlands. As used here, “no net loss of wetlands” means no net loss of wetlands acreage, values and function, and shall account for all wetlands impacted by the project, both directly (e.g., filled or drained) and indirectly (e.g., from polluted and accelerated runoff, damage caused by human or domestic animal access, or alteration of associated uplands in a manner that adversely affects wetland values and functions). No net loss may be achieved through onsite avoidance where practicable and desirable, onsite wetland construction where practicable and desirable, and/or off-site wetland construction, off-site wetland restoration, and off-site acquisition and</p>	The applicants shall obtain appropriate permits from the Corps and USFWS to ensure that there is no net loss of wetlands. The Applicants shall prepare annual reports on the status and success of mitigation and shall submit these responses to USFWS. The Applicants shall coordinate with USFWS to modify as necessary any mitigation plans in an effort to attain mitigation success.	Prior to issuance of grading permit.	The City’s Environmental Coordinator shall ensure that onsite wetlands are preserved and maintained consistent with the Operations and Maintenance Plan.	

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
<p>Impacts 4.8-1, 4.8-2, 4.8-3, 4.8-13</p>	<p>Vegetation and Wildlife</p>				
	<p>preservation where approved by the permitting agencies. Restoration of wetland habitats is preferred to wetland creation. To the extent that restored wetlands require surrounding uplands to function properly, restored wetlands shall be located amidst sufficient amounts of surrounding uplands to allow the wetlands to function properly.</p> <p>The Clean Water Act Section 404 permit process (including Section 7 Consultation under FESA) is the standard method for developing mitigation for projects that affect wetlands and vernal pool species such as special-status plants, vernal pool crustaceans, and western spadefoots. Through this process, project applicants will be required to acquire the necessary permits and approvals to implement their proposed project while remaining in compliance with the Clean Water Act and FESA. If a 404 permit is not obtained, the SVSP project will not be issued a grading permit. The obligation to obtain this permit will ensure no net loss to federally protected wetlands. Even after obtaining such a permit, however, the applicants must demonstrate to the City's Planning Director that they have also achieved no net loss of wetlands. Mitigation shall consist of a combination of the preservation of on-site vernal pool habitat and the acquisition of off-site property with existing vernal pool habitat for preservation.</p> <p>Additionally, mitigation shall include</p>				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impacts 4.8-1, 4.8-2, 4.8-3, 4.8-13	Vegetation and Wildlife				
	<p>off-site creation and/or restoration of vernal pool habitat, and/or participation in a mitigation credit program from a wetlands mitigation bank approved by the Corps and USFWS. These banks charge fees in exchange for credits that are based upon the mitigation obligation of the applicant. The fee is used for wetlands that have been restored, created, enhanced, and/or preserved at an established mitigation bank. The credits shall be in direct proportion to the wetland impacts resulting from the project. The project applicants have identified appropriate off-site mitigation as shown in Figure 4.8-3. This restoration coupled with on-site creation will be a component of the required compensation for the project.</p> <p>All wetland restoration and creation shall be conducted in a manner consistent with applicable Corps of Engineers and USFWS mitigation guidelines and policies.</p>				
IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.8-1 and 4.8-2	Vegetation and Wildlife				
Loss of federally listed vernal pool crustaceans and their habitat.	<p>MM 4.8-1 (b) Wetland Avoidance/Mitigation Plan</p> <p>For any wetlands to be restored or created outside of an approved mitigation bank, Applicant shall submit a Wetland Mitigation Plan to mitigate for impacts to wetlands, which describes the specific method(s) to be implemented to mitigate any on- or off-site project related impacts. This</p>	The applicants shall obtain appropriate approvals from the Corps and USFWS to ensure that there is no net loss of wetlands. The Applicants shall prepare bi-annual reports on the status	Prior to issuance of grading permit.	The City's Environmental Coordinator shall ensure that onsite wetlands are preserved and maintained consistent with the Operations and Maintenance Plan.	

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
<p>Impact 4.8-1 and 4.8-2</p>	<p>Vegetation and Wildlife</p>				
	<p>detailed Wetland Mitigation Plan shall be prepared in accordance with applicable U.S. Army Corps of Engineers (USACE) and U.S. Fish and Wildlife Service (USFWS) policies and regulations, and the City of Roseville Grading and Erosion Control Ordinance. A copy of the 404 permit, the biological opinion, and the Wetland Mitigation Plan shall be provided to the City and the Wetland Mitigation Plan shall ensure the following to the satisfaction of the City:</p> <ul style="list-style-type: none"> • Describe the location of the proposed wetland mitigation site(s) including a detailed map of showing the acreage, distribution, and type of wetlands to be restored/created to ensure no net loss in wetland habitat acreage, values and functions. The compensation wetlands shall be designed to, at a minimum: meet or exceed the functions of the existing wetlands to be impacted. • Include a monitoring plan to assess whether the compensation wetlands are functioning as intended. Specific performance standards for hydrologic, floral, and faunal parameters shall be proposed to determine success of the created wetlands. The monitoring plan shall specify the corrective measures/modifications to be implemented in the event that monitoring indicates that the performance standards are not being met. • Include a long-term maintenance 	<p>and success of mitigation and shall submit these responses to USFWS. The Applicants shall coordinate with USFWS to modify as necessary any mitigation plans in an effort to attain mitigation success.</p>			

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
<p>Impact 4.8-1 and 4.8-2</p>	<p>Vegetation and Wildlife</p>				
	<p>plan for the wetland preservation/mitigation areas describing the measures to be implemented to assure that they are maintained as wetland habitat in perpetuity.</p> <ul style="list-style-type: none"> • Require that fencing be installed around all existing wetlands that are within fifty feet of any haul route, spoil zone, stockpile zone, creation zone, or other construction area. The fencing shall be of high visibility material. Fencing shall be placed no closer than 10-feet to the delineated, verified perimeter of wetlands. This fencing shall be maintained until all adjacent construction activities are completed. • A qualified biological resources monitor, approved by the City be on the site(s) to ensure compliance with identified mitigation for the duration of all the proposed activities. The biological resources monitor shall submit bi-annual compliance reports to City monitor for review for a period of five years or until all performance standards have been satisfied. • The wetland mitigation site(s) shall be surveyed by a qualified biologist no more than 30 days prior to the onset of construction for the presence of raptor and federal and state listed bird nesting sites, unless it is determined that construction will occur outside of the breeding 				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
<p>Impact 4.8-1 and 4.8-2</p>	<p>Vegetation and Wildlife</p>				
	<p>season for all species likely to occur on site or observed present. If active nesting sites are observed present all state and federal guidelines pertaining to active nesting sites shall be strictly adhered to in consultation with a qualified biologist.</p> <ul style="list-style-type: none"> • Applicant shall grant full access to the wetland mitigation site(s) to the City for the monitoring of construction activities and mitigation compliance. Access shall be granted during all construction activities and the City monitor may issue stop work orders if mitigation non-compliance is identified. • Applicant shall specify measures for reuse or disposal of excavated material is suitable for use in the project area. The plan should minimize the elapsed time between excavation and reuse and provide adequate stockpile coverage and protection from wind and water erosion during the entire storage period. If excavated material is unsuitable for reuse at the project area, the plan shall include specific information regarding the eventual reuse or disposal site, transportation method(s), disposal reuse management, and schedule. • The Wetland Avoidance Mitigation Plan shall include a spill prevention and response plan to the satisfaction of the City. 				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
<p>Impact 4.8-1 and 4.8-2</p>	<p>Vegetation and Wildlife</p>				
	<ul style="list-style-type: none"> • All disturbed areas shall be re-vegetated by the following methods: hydro seeding, drill seeding, or spreading of upland seed bearing soil. The method of re-vegetation shall be approved by a qualified wetland specialist and the City. • Incorporate the use of non-toxic soil stabilizers according to manufacture’s specifications to all inactive construction areas. Use non-toxic binders to exposed areas after cut and fill operations and hydro seed areas. The wetland mitigation site shall be watered as directed by the City of Roseville Public Works Department. The frequency shall be based on the type operation, soil and wind exposure. • To reduce air emissions, idling time for all construction vehicles shall be limited to a maximum of 10 minutes. Additionally, the City may curtail construction during high ambient pollutant concentrations, including but not limited to, ceasing construction during peak-hour vehicular traffic on adjacent or nearby roadways. Additionally, all land clearing, grading, earth moving or excavation activities shall be suspended when winds exceed 20 mph. <p>The applicants shall ensure that all inactive storage/stock piles are covered and that all trucks hauling dirt, sand, soil, or other loose materials shall be</p>				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.8-1 and 4.8-2	Vegetation and Wildlife				
	covered or shall maintain at least two feet of freeboard (i.e., minimum vertical distance between the top of the load and top of the trailer) in accordance with the requirements of the California Vehicle Code (CVC) section 23114.				
IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.8-4	Vegetation and Wildlife				
Loss or degradation of habitat for western spadefoot toad	<p>MM 4.8-2: Relocate Western Spadefoots</p> <p>The location of pools that are occupied by western spadefoot shall be determined through surveys conducted during the appropriate season (generally February), by a qualified biologist. Those pools that are found to support western spadefoot shall be avoided if feasible. If avoidance is not feasible, then the CDFG shall be consulted for its recommendation with respect to an adult or larval or egg masses capture and relocation plan. Although there is no set protocol for this type of activity, the capture and relocation of reptile and amphibian species from areas that will be destroyed to areas of unoccupied suitable habitat is a fairly standard part of both USFWS and CDFG procedures and recommendations for mitigating impacts. When done in combination with habitat restoration and preservation, the procedure is known to be successful in preserving displaced populations. These measures would mandate that, where habitat avoidance is infeasible, western spadefoots displaced from pools that are destroyed</p>	The applicants shall obtain appropriate permits from the Corps and USFWS to ensure that there is no net loss of wetlands. The Applicants shall prepare annual reports on the status and success of mitigation and shall submit these responses to USFWS. The Applicants shall coordinate with USFWS to modify as necessary any mitigation plans in an effort to attain mitigation success.	Prior to issuance of grading permit.	The City's Environmental Coordinator shall ensure that onsite wetlands are preserved and maintained consistent with the Operations and Maintenance Plan.	

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.8-4	Vegetation and Wildlife				
	during construction shall be relocated to protected areas of suitable habitat.				
IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.8-6	Vegetation and Wildlife				
Disruption of Swainson's hawk, burrowing owl, and other legally protected raptors nesting and foraging habitat.	<p>MM 4.8-3 Avoid Nesting Sites</p> <p>To ensure that fully protected bird and raptor species are not injured or disturbed by construction in the vicinity of nesting habitat, the project applicant shall implement the following measures:</p> <p><i>Raptors</i></p> <p>a) When feasible, all tree removal shall occur between August 30th and February 15th to avoid the breeding season of any raptor species that could be using the area, and to discourage hawks from nesting in the vicinity of an upcoming construction area.</p> <p>b) For Swainson's hawk, if avoidance of tree removal outside the breeding season is not feasible, and a nest is present, the applicants would be required to obtain a 2081 permit from CDFG to mitigate for potential "take" under CESA. If no nesting is occurring, a take permit would not be required.</p> <p>c) Prior to the beginning of mass grading, including grading for major infrastructure improvements, during the period between February 15th and August 30th, all trees and potential burrowing owl habitat within 350 feet of any grading or earthmoving activity</p>	Results of preconstruction surveys shall be submitted to the Chief Building Inspector prior to the issuance of a grading permit. Applicable construction restrictions shall be reflected within building plans. The applicants shall prepare annual reports on the status and success of mitigation and shall submit these reports to USFWS and CDFG. The applicants shall coordinate with USFWS and CDFG to modify as necessary any mitigation plans in an effort to attain mitigation success.	Prior to approval of grading and building permits.	The Chief Building Inspector shall ensure that appropriate measures are reflected in the grading permit and/or building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's regulations. The Environmental Coordinator shall oversee open space areas for compliance with the Operations and Maintenance Plan.	

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.8-6	Vegetation and Wildlife				
	<p>shall be surveyed for active raptor nests or burrows by a qualified biologist no more than 30-days prior to disturbance. If active raptor nests or burrows are found, and the site is within 350-feet of potential construction activity, a highly visible temporary fence shall be erected around the tree or burrow(s) at a distance of up to 350-feet, depending on the species, from the edge of the canopy to prevent construction disturbance and intrusions on the nest area.</p> <p>d) Preconstruction and non-breeding season exclusion measures shall be developed in consultation with CDFG, and shall preclude burrowing owl occupation of the portions of the project site subject to disturbance such as grading. Burrowing owls may be passively excluded from burrows in construction areas by placing one-way doors in the burrows according to CDFG protocol. The one-way doors must be in place for a minimum of three days. All burrows that may be occupied by burrowing owls regardless of whether they exhibit signs of occupation must be cleared with the one way doors. Burrows that have been cleared through the use of the one-way doors shall then be closed or backfilled to prevent owls from entering the burrow.</p> <p>e) No construction vehicles shall be permitted within restricted areas</p>				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.8-6	Vegetation and Wildlife				
	<p>(i.e., raptor protection zones) unless directly related to the management or protection of the legally protected species.</p> <p>f) If a legally protected species nest is located in a tree designated for removal, the removal shall be deferred until after August 30th or until the adults and young of the year are no longer dependent on the nest site as determined by a qualified biologist.</p> <p><i>Black Rails and Tri-colored Blackbirds</i></p> <p>Prior to earth moving that would disturb marsh habitat, a qualified biologist shall conduct surveys to determine the presence of the California black rail. If either of these species is found, all earth moving within 250 feet shall stop and measures, including establishing nest protection buffers along both sides of Curry Creek during the nesting season (generally February 1 through August 31st) shall be implemented.</p> <p><i>Rookeries</i></p> <p>No heron rookeries are present within the plan area. Prior to earthmoving that would disturb marsh habitat or tree removal of the eucalyptus grove, pre-construction surveys should be conducted to verify that no rookeries have been established. If rookeries are present all earth moving within 250-feet shall stop, during the breeding season.</p>				

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IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
<p>Impact 4.8-8, 4.8-10</p>	<p>Vegetation and Wildlife</p>				
<p>Substantial interference with the movement of resident and migratory wildlife species</p>	<p>MM 4.8-5 Wildlife Movement Protection Policies</p> <p>To protect the long term habitat of the stream channels and the WAPA corridor and their potential use by wildlife as movement corridors, the project applicants shall ensure that movement corridors are not obstructed. Through compliance with Section 1600 of the CDFG Code, the applicant(s) will enter into a Streambed Alteration Agreement prior to conducting any construction activities within a stream corridor, which sets forth mitigation measures that the applicant must implement. These measures shall include, but not be limited to; the use of either bridges or culverts that are large enough that wildlife have enough space to pass through road crossings without having to travel over the road surface, the implementation of bank stabilization measures, and/or restoration and re-vegetation of stream corridor habitat that has been damaged due to the project's construction. Furthermore, the recreational trails shall be lined by post and rail fence and signage would be used to direct trail users to stay within the designated trail corridor. The trails would be closed after dark and no exterior lighting would be used. Lastly, the implementation of MM 4.8-1 which provides for</p>	<p>The applicants shall enter into a Section 1600 Streambed Alteration Agreement with CDFG. The City's NPDES Coordinator shall ensure measures are included in the project to reduce water quality impacts.</p>	<p>Prior to approval of grading permits.</p>	<p>The City of Roseville's NPDES Coordinator shall ensure that water quality measures are implemented and the City's Environmental Coordinator as preserve manager shall ensure that activities are consistent with the Open Space Operation and Maintenance Plan.</p>	

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	<p>the conservation of onsite open space along the WAPA corridor and the stream channels would ensure adequate opportunities for wildlife movement through the plan area.</p>				
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IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.8-8	Vegetation and Wildlife				
	<p>WMM 4.7-13 Riparian Habitat Policies</p> <p>To protect riparian vegetation within the SOI Amendment Area SVSP and Urban Reserve areas, the following policies shall be implemented:</p> <p>a) The project applicant shall provide for temporary fencing along the top of the bank during construction of those areas of the proposed project adjacent to riparian habitat to discourage access to the riparian habitat by humans and pets.</p> <p>b) The project applicant shall provide for permanent fencing and/or a landscape barrier to discourage access to the riparian habitat by humans and pets. The fencing and/or landscape barrier shall be placed at the top of the bank of the creeks along those portions of the site adjacent to riparian habitat. The proposed recreation trail shall be on the project site side of the fence/landscape barrier. The fencing and/or landscape</p>	<p>The applicants shall design the project to avoid and preserve riparian vegetation.</p>	<p>Temporary fencing shall be installed prior to approval of grading permit. Permanent measures shall be shown on improvement plans and approved at the time of final small lot map.</p>	<p>The Public Works Director shall ensure that appropriate measures are reflected in the building plans and that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's regulations and the Environmental Coordinator shall ensure that the applicants comply with the Open Space Operations and Maintenance Plan.</p>	

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IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.8-8	Vegetation and Wildlife				
	<p>barrier shall be constructed of wood or other natural materials and shall allow for the viewing of the riparian habitat while discouraging access.</p> <p>c) Interpretive signs and displays shall be posted along the border of the riparian area to educate the public and route access away from sensitive areas. These informative signs will be posted at intervals determined appropriate by the City of Roseville Parks and Recreation Director along the border with information regarding the objectives of creek and riparian habitat protection. Signs should also include information regarding the importance of restricting access to the riparian area by household pets. Such signs will be made of wood or similar natural material, and be maintained by the Applicant.</p> <p>Lighting adjacent to riparian buffers should be shielded away from the riparian areas.</p>				
IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.8-11	Vegetation and Wildlife				
Loss of biological	<p>MM 4.8-7 Off-site Surveys</p> <p>Prior to construction of any off-</p>	Appropriate biological surveys, environmental review, and appropriate	Prior to issuance of grading	The Director of Public Works and the Environmental	

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resources due to construction of offsite infrastructure	site infrastructure, a qualified biologist shall perform detailed, and if necessary, focused biological surveys of any undisturbed areas that would be affected by infrastructure development. Because infrastructure for the proposed project would be located in road right-of-way, or undeveloped land similar to the project site, the biological resources that would be expected to occur would not differ substantially from those identified in this EIR. If it is determined that wetland resources or sensitive species would be impacted MM 4.8-1 and MM 4.8-2 shall be implemented, as appropriate to the resource. If it is determined that active nests exist within the off-site improvement location, MM 4.8-3 shall be implemented as appropriate to the species. If it is determined the off-site improvement is located within or adjacent to a wildlife movement corridor, MM 4.8-5 shall be implemented.	permits shall be conducted in accordance with applicable rules and regulations governing the protection of listed species.	permit.	Coordinator shall ensure that the appropriate environmental review and permits are obtained and measures implemented to reduce impacts associated with off-site infrastructure.	
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IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impacts 4.9-1 and 4.9-4	Cultural and Paleontological Resources				
Disturb, damage, or destroy unidentified subsurface archaeological or historical resources or	MM 4.9-1: Cease Work and Consult with Qualified Archaeologist Should any cultural resources, such as structural features, any amount of bone or shell, artifacts, human remains, or architectural remains, be encountered during	This condition shall be reflected in all construction and building plans. The Public Works Director shall review plans for inclusion and permits of specifications prior to the issuance of building	Prior to issuance of grading permit and/or approval of improvement plans.	The Public Works Director will ensure that appropriate measures are reflected in the grading permit and/or building improvement plans. The Building Official	

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<p>human remains during project construction</p> <p>Removal of historically significant properties and/or loss of historic integrity of such resources</p>	<p>any subsurface development activities, work shall be suspended within 100-feet of the find. The City of Roseville Planning and Public Works Staff shall be immediately notified. At that time, the City of Roseville shall coordinate any necessary investigation of the site with qualified archaeologists as needed, to assess the resource (i.e., whether it is an "historical resource" or a "unique archaeological resource") and provide proper management recommendations should potential impacts to the resources be found to be significant. Possible management recommendations for important resources could include resource avoidance or, where avoidance is infeasible in light of project design or layout or is unnecessary to avoid significant effects, data recovery excavations. The contractor shall implement any measures deemed feasible and necessary by City staff, in consultation with the archaeologists, to be to avoid or minimize significant effects to the cultural resources. In addition, pursuant to Section 5097.98 or the State Public Resources Code, and Section 7050.5 of the State Health and Safety Code, in the event of the discovery of human remains, the County Coroner shall be immediately notified. If the remains are determined to be Native American, guidelines of the Native American Heritage Commission shall be adhered to in the treatment and disposition of</p>	<p>permits.</p>		<p>shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's regulations.</p>	
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IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL DATE/ COMPLETE
Impacts 4.9.3 and 4.9.4	<p>Cultural and Paleontological Resources</p>				
<p>Disturb unknown paleontological resources</p>	<p>Mitigation Measure 4.9-3</p> <p>Cease Work Until Review conducted by Qualified Paleontologist and Recommendations Implemented</p> <p>Should any evidence of paleontological resources (e.g. fossils) be encountered during grading or excavation, work shall be suspended within 100 feet of the find, and the City of Roseville shall be immediately notified. At that time, the City shall coordinate any necessary investigation of the site with a qualified paleontologist to assess the resource and provide proper management recommendations. Possible management recommendations for important resources could include resource avoidance, if feasible in light of project design or layout, or data recovery excavations. The contractor shall implement any measures deemed feasible and necessary by City staff in consultation with the paleontologist for the protection of the paleontological resources.</p>	<p>This condition shall be reflected in all construction and building plans and permits. The Public Works Director shall review plans for inclusion of specifications prior to the issuance of building permits.</p>	<p>During construction, as a condition of Grading and Building Permits.</p>	<p>The Public Works Director will ensure that appropriate measures are reflected in the grading permit and/or building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's regulations.</p>	

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.9-4	Cultural and Paleontological Resources				
Damage or destroy historical, archaeological, prehistoric, or paleontological resources during construction of offsite infrastructure	<p>Mitigation Measure 4.9-5 Conduct Appropriate Studies</p> <p>Prior to undertaking construction of off-site infrastructure, the City shall determine whether or not cultural resource surveys have been undertaken for any areas to be disturbed during construction. If surveys were conducted, the City shall document that any identified resources were treated as recommended in the studies. If no studies or surveys were conducted, the City shall ensure that a qualified archaeologist conducts the appropriate level of study. If resources are found, recommendations shall be implemented to ensure that the resources are avoided, protected and/or recorded, as determined to be feasible and appropriate by City staff.</p>	Cultural resource surveys shall be conducted by a qualified archaeologist and any resulting recommendations to protect resources shall be reflected in all construction and building plans. The Public Works Director shall review plans for inclusion of specifications prior to the issuance of building permits.	During construction, as a condition of Grading and Building Permits.	The Public Works Director shall ensure that appropriate measures are reflected in the grading permit and/or building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's regulations. The Environmental Coordinator shall oversee open space areas for compliance with the Operations and Maintenance Plan. The Parks and Recreation Director shall ensure that measures to protect and mitigate historic resources are implemented for any historic structures within parks property.	
IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.10-5	Hazardous Materials and Public Safety				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.10-5	Hazardous Materials and Public Safety				
Soil or groundwater contamination from past uses	<p>MM 4.10-1 Identify Potential Hazardous Materials (soil contamination, tank or well sites, lead based paint and/or asbestos)</p> <p>Prior to site development in the SVSP, recommended testing and remediation, if needed shall occur. Groundwater wells shall be properly closed.</p> <p>If evidence of soil contamination, septic tanks, or other underground storage tanks are encountered in previously unidentified locations in the SVSP area, work shall cease until the area can be tested, and if necessary remediated and/or properly removed or closed. Remediation activities could include removal of contaminated soil, and/or onsite treatment. As part of the process, the City shall ensure that any necessary investigation and/or remediation activities are coordinated with the Roseville Fire Department, Placer County Division of Environmental Health, and if needed, other appropriate federal, state and local agencies. Once a site is remediated, construction can continue.</p>	The applicants shall be responsible for conducting soil testing and/or recommendation of the Phase I environmental site assessments.	Prior to issuance of building permits	The Roseville Fire Department shall oversee any activities related to hazardous materials.	
IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.11.3-2	Public Services- Schools				
Increased	MM 4.11.3-2 School	Prior to building permits	Prior to	The Planning	

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demand for school services	Transportation Policies The applicants shall work with the school districts to identify safe routes to school. The school district should encourage an appropriate mechanism for transporting students to schools, both within the specific plan area, as well as outside the project area. Bus programs would reduce traffic congestion and reduce potential air quality impacts.	being issued within the SVSP, school transportation policies should be developed in coordination with appropriate school district.	issuance of building permits	Director and Public Works Director shall ensure that student transportation issues are addressed in coordination with the appropriate school district.	
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IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.12.3-2 and 4.12.3-4	Wastewater- Public Utilities				
Construction or expansion of wastewater treatment facilities Water Quality impacts from wastewater discharges beyond the SPWA 2005 service area boundary	WMM 4.11-5 Treatment Plant Capacity Prior to obtaining building permits for development that would cause total wastewater flows from SVSP to contribute to total flows at the PGWWTP exceeding 75 percent utilization of treatment plant capacity (General Plan Policy 3), the City shall confirm that the PGWWTP has adequate capacity and/or will be expanded to accommodate total flow from the SVSP by the time needed to serve that development. This includes obtaining all necessary permits to discharge the treated flow. The City shall also demonstrate that the timing of the plant expansion will be adequate to serve the SVSP area without impeding other planned development within the 2005 SAB. The City shall ensure that all relevant mitigation measures identified in the	The applicants shall demonstrate that the PGWWTP shall be expanded.	Prior to issuance of building permit that would cause total wastewater flows to exceed 75 percent utilization of treatment plant capacity.	The Environmental Utilities Director shall monitor the capacity of the PGWWTP and ensure that expansion occurs in advance of the need.	

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	Wastewater Master Plan EIR are implemented. A list of mitigation measures applicable to this project area are found in Appendix H of this EIR.				
IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impacts 4.12.4-2, Impact 4.12.4-3 and Impact 4.12.4-4	Solid Waste- Public Utilities				
Increased demand for solid waste services at the landfill	<p>MM 4.12.4-1 Expand the WRSL Landfill</p> <p>Development in the SVSP shall pay the existing city-wide monthly solid waste collection fees to the City of Roseville, a portion of which shall be used to service bonds necessary to fund landfill expansion. As a member of the WPWMA, the City of Roseville can support the expansion of the landfill, as needed; however, the City cannot compel the WPWMA to expand the landfill.</p> <p>MM 4.12.4-2 Divert Construction Debris</p> <p>The applicants shall ensure a 50% reduction in the construction waste stream generated from development within the SVSP. In Developer contracts with construction contractors and their sub-contractors, the Developer shall require that construction waste be reduced by 50%. The Developer shall further require that contractors and sub-contractors submit records of diversion and disposal to the City's Environmental Utilities Department in order to verify</p>	The City shall support the WPWMA efforts to expand the Western Regional Sanitary Landfill.	At the time of construction debris will be diverted to an appropriate recycling facility	As a member of the WPWMA, the City of Roseville shall encourage expansion of the WRSL. The Environmental Utilities Director shall ensure that the Applicants are complying with the construction debris diversion requirements.	

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
<p>Impacts 4.12.4-2, Impact 4.12.4-3 and Impact 4.12.4-4</p>	<p>Solid Waste- Public Utilities</p>				
	<p>compliance with this requirement.</p> <p>WMM 4.11-7 Expand the WRSL Landfill</p> <p>Development in the SVSP Area and Urban Reserve shall pay collection fess to the City of Roseville, a portion of which shall be used to service bonds necessary to fund landfill expansion. As a member of the WPWMA, the City of Roseville can support the expansion of the landfill, as needed; however, the City cannot compel the WPWMA to expand the landfill.</p>				

IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
Impact 4.13-2	Hydrology and Water Quality				
Increase in the amount of surface runoff volume, which would exceed the capacity of existing storm drainage systems and increase the potential for downstream flooding	<p>WMM 4.12-2 Pay Fair Share of Roseville Regional Stormwater Retention Facility Improvements</p> <p>The City shall collect the Pleasant Grove Drainage fee from the applicants prior to the approval of each building permit, which would cover the cost of retention for that development's portion of the Roseville regional retention basin at Reason Farms.</p>	The City shall collect the Pleasant Grove Drainage fee from applicants.	Prior to the issuance of Building Permits	The Public Works Director shall monitor and ensure that the Pleasant Grove drainage fee is collected.	
Impact 4.13-4	Hydrology and Water Quality				
Erosion and runoff from construction sites containing soil or other materials could degrade water quality if discharged to local streams.	<p>MM 4.13-1 Implementation of construction activity stormwater protection standards</p> <p>Prior to the issuance of a City grading permit and the commencement of construction activities, compliance with the State's General Construction permit, the City of Roseville's Construction Standards, and the City's Stormwater BMP Guidance Manual will be met. This includes the creation of a Storm Water Pollution Prevention Plan (SWPPP) that will identify the site, the location of sensitive habitats or watercourses, drainage areas, discharge locations, soil disturbance areas, and the locations of all runoff, erosion</p>	This condition shall be reflected in all construction and building plans. The Public Works Director shall review plans for inclusion of specifications prior to the issuance of building permits.	Prior to issuance of grading or building permits.	The Public Works Director shall ensure that appropriate measures are reflected in the grading permit and/or building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's regulations.	

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	control, and sediment control Best Management Practices (BMPs). On-going monitoring and adjustments to the SWPPP will occur when needed to address changes in the field as construction activities evolve.				
IMPACT	MITIGATION MEASURE	IMPLEMENTATION	TIMING	REVIEWING PARTY	INITIAL/ DATE COMPLETE
IMPACT 4.14-2	Aesthetics and Visual Resources				
New sources of light and glare	<p>MM 4.13-1(a) Site Lighting so as to Minimize Nuisance</p> <p>Light producing uses, such as for ball field within the SVSP Area shall be located and oriented to minimize visual impacts on adjacent residential areas. Lighting should be shielded and designed to distribute light in the most effective and efficient manner, using the minimum amount of light to achieve the necessary illumination for the use, as defined by suggested lighting standards for competitive play.</p> <p>MM. 4.13-1(b) The developers shall be required to disclose to all adjacent residential areas (as shown as KT-1 and KT-40 on the Land Use Plan) that a citywide park is proposed that will contain outdoor lighting and noise from recreation activities, through a deed disclosure or other similar notice approved by the City Attorney;</p> <p>Use Low-Glare Materials for New Development</p> <p>In order to reduce the effects of daytime glare from development of commercial or office uses within the SVSP Area, building</p>	The City shall implement policies to reduce the nuisance effects of nighttime/daytime and/or high-intensity illumination from the project.	<p>Prior to issuance of Building Permits</p> <p>The disclosures shall occur prior to the issuance of Occupancy Permits</p>	The Parks and Recreation Director shall review the proposed park plans and ensure that nighttime lighting is directed away from residences and open space corridors.	

	<p>developers should make use, when feasible, of low-glare materials.</p> <p>MM 4.14-3 Avoid Light Spill Over into Curry Creek and Open Space Areas Outdoor lighting shall be placed, designed and directed so as to avoid light spillover into the habitat of Curry Creek and the Open Space Preserve areas located immediately adjacent to the open space, as shown on the Land Use Map as parcels KT-1, KT-40, KT-30, KT-41, DF-1, DF-2, DF-40, CG-1, CG-82m JM-21, JM-3, and JM-4.</p>				
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