

Appendix I
Mitigation Monitoring and Reporting Program

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REGULATORY BACKGROUND

This Mitigation Monitoring and Reporting Program (MMRP) has been prepared to comply with Section 21081.6(a)(1) of the Public Resources Code, which requires the following:

“The public agency shall adopt a reporting or monitoring program for the changes made to the project or conditions of project approval, adopted in order to mitigate or avoid significant effects on the environment. The reporting or monitoring program shall be designed to ensure compliance during project implementation.”

This MMRP is intended to ensure the effective implementation of Mitigation Measures that are within the authority of the City of Roseville to implement (including monitoring where identified) throughout all phases of development and operation of the proposed project.

PROGRAM IMPLEMENTATION

The MMRP checklist in Table I-1 lists all Mitigation Measures identified in the Initial Study and Draft Subsequent EIR for the proposed project. In general, monitoring becomes effective at the time the action is taken on the project. Timing of monitoring is organized as follows:

- **Prior to Construction:** The monitoring activity consists of insuring that a particular mitigation action has taken place prior to the beginning of any construction or grading activities, sometimes at the plan check stage.
- **During Construction:** The monitoring activity consists of active monitoring while grading or construction is occurring on the project site.
- **Prior to Operation:** The monitoring activity consists of active monitoring after initial site grading and facility construction has occurred, but prior to the initiation of project operations.
- **Ongoing:** The monitoring activity consists of monitoring after the grading and construction phase of the project has been completed, and relates to ongoing operation of the project.

The Mitigation Measures in Table I-1 are numbered as they were described in the Initial Study and Chapters 4 and 5 of the Draft Subsequent EIR.

City of Roseville staff will be responsible for implementing or ensuring that the mitigation actions listed in the MMRP are undertaken for this project, to the extent such Mitigation Measures apply to project within the City of Roseville. Implementation includes ensuring that any required actions are included in bid documents and contracts as part of the design/build process for the project, and ensuring that the design/build contractors include specified mitigation activities in plans and specifications for construction. City of Roseville staff responsibility includes designation of certain mitigation responsibility to, and continued oversight of, the design/build contractors and consultants.

TABLE I-1

MITIGATION MONITORING AND REPORTING PROGRAM CHECKLIST FOR THE PROPOSED PROJECT

Mitigation Measure/Compliance Standard	Implementing Responsibility	Monitoring Responsibility for Implementing Measure	Timing	Verification of Compliance (Initials/Date)
Transportation and Circulation				
Mitigation Measure 4.1-1: Participate in any regionally adopted fee program providing for improvements to federal and state facilities	City of Roseville	Public Works Department	Ongoing	
Mitigation Measure 4.1-2: Implement Placer County CIP roadway widenings on Baseline Road and Walerga Road	Placer County	Public Works Department	Prior to Construction	
Mitigation Measure 4.1-3: Design intersection and roadway improvements to minimize disruption to existing and planned bicycle facilities	City of Roseville	Public Works Department or its Contractor	Prior to Construction	
Mitigation Measure 5.2-1: Modify intersection geometries at the following eleven specified intersections to address effects from regional growth outside the City of Roseville: a) Yosemite/Atlantic b) Woodcreek Oaks/Blue Oaks c) Oak Ridge/Cirby d) Foothills/McAnally e) SR 65 NB Off/Pleasant Grove f) Washington/Roseville Pkwy g) Sierra College/Secret Ravine h) South Cirby/Old Auburn i) Sunrise/Lead Hill	City of Roseville	Public Works Department	Prior to Construction	

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MITIGATION MONITORING AND REPORTING PROGRAM CHECKLIST FOR THE PROPOSED PROJECT

Mitigation Measure/Compliance Standard	Implementing Responsibility	Monitoring Responsibility for Implementing Measure	Timing	Verification of Compliance (Initials/Date)
j) Washington/Junction k) Crocker Ranch/Blue Oaks These improvements are further detailed in Table I-2 in the Attachment to this Appendix.				
Mitigation Measure 5.2-2: Modify intersection geometries at the following two specified intersections to address effects from the proposed project: a) Sunrise Ave/Automall Drive b) Gibson Drive West/Roseville Pkwy These improvements are further detailed in Table I-3 in the Attachment to this Appendix.	City of Roseville	Public Works Department	Prior to Construction	
Air Quality				
Mitigation Measure 4.2-1: Implement construction emission control measures	City of Roseville	Public Works Department or its Contractor	Prior to and During Construction	
Noise				
Mitigation Measure 4.3-1: Develop and implement a Construction Noise Abatement Program	City of Roseville	Public Works Department or its Contractor	Prior to and During Construction	

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MITIGATION MONITORING AND REPORTING PROGRAM CHECKLIST FOR THE PROPOSED PROJECT

Mitigation Measure/Compliance Standard	Implementing Responsibility	Monitoring Responsibility for Implementing Measure	Timing	Verification of Compliance (Initials/Date)
Biological Resources				
Mitigation Measure 4.4-1: Consult With CDFG and implement appropriate mitigation compensation measures for loss of potential foraging habitat	City of Roseville	Public Works Department	Prior to Construction	
Mitigation Measure 4.4-2: Conduct preconstruction burrowing owl surveys and implement measures specified by CDFG, where appropriate	City of Roseville	Public Works Department	Prior to Construction	
Mitigation Measure 4.4-3: Avoid disturbance of potential habitat for vernal pool crustaceans or implement Mitigation Measures in consultation with USFWS	City of Roseville	Public Works Department	Prior to Construction	
Mitigation Measure 4.4-4: Avoid disturbance of potential breeding habitat for western spadefoot or implement Mitigation Measures in consultation with CDFG	City of Roseville	Public Works Department	Prior to Construction	
Mitigation Measure 4.4-5: Construct outside of nesting season or conduct preconstruction raptor nesting surveys	City of Roseville	Public Works Department	Prior to Construction	
Mitigation Measure 4.4-6: Comply with agency permitting requirements and provide for no net loss of wetlands	City of Roseville	Public Works Department	Prior to Construction	

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Mitigation Measure/Compliance Standard	Implementing Responsibility	Monitoring Responsibility for Implementing Measure	Timing	Verification of Compliance (Initials/Date)
Mitigation Measure 4.4-7: Conduct preconstruction rare plant surveys; if required, develop and implement a mitigation plan approved by the CDFG and/or USFWS	City of Roseville	Public Works Department	Prior to Construction	
Cultural Resources				
Mitigation Measure 4.5-1: Conduct archaeological pedestrian survey of intersections that have not been subject to previous archaeological survey (Intersections 15, 19, 91, 105, 178, and 179) when final design has been developed	City of Roseville	Public Works Department	Prior to Construction	
Mitigation Measure 4.5-2: Comply with the recommendations of a qualified professional archaeologist if cultural resources are inadvertently exposed during construction	City of Roseville	Public Works Department	During Construction	
Hazards and Hazardous Materials				
Mitigation Measure 1: Prior to initiating ground-disturbing activities, the City shall evaluate areas where widening will occur to evaluate the potential for historical or existing hazardous materials.	City of Roseville	Public Works Department	Prior to Construction	

TABLE I-1

MITIGATION MONITORING AND REPORTING PROGRAM CHECKLIST FOR THE PROPOSED PROJECT

Mitigation Measure/Compliance Standard	Implementing Responsibility	Monitoring Responsibility for Implementing Measure	Timing	Verification of Compliance (Initials/Date)
Hydrology and Water Quality				
Mitigation Measure 2: The project shall comply with the U.S. Army Corps of Engineers “no net loss” policy and the conditions of a Nationwide or Individual Permit authorization by the U.S. Army Corps of Engineers.	City of Roseville	Public Works Department	Prior to and During Construction	
Utilities and Service Systems				
Mitigation Measure 3: If the results of the drainage report conclude that modifications are required to existing drainage facilities located downstream of specific intersection improvements, the City shall design and construct these modifications in accordance with the City’s Noise Ordinance, Flood Damage Prevention Ordinance, Construction Standards, Improvement Standards, and Tree Ordinance, all of which include standards and policies that are uniformly applied to development projects throughout the City.	City of Roseville	Public Works Department	Prior to Construction	

ATTACHMENT

TRANSPORTATION AND CIRCULATION

Mitigation Measure 4.1-1: Participate in a fee program

The City shall participate in any regionally adopted fee program providing for improvements to federal and state facilities.

Mitigation Measure 4.1-2: Implement Placer County CIP roadway widenings

The Placer County CIP includes additional travel lanes for all three of these roadway segments. The additional lanes specified in the County's CIP are as follows:

- Baseline Road west of Roseville city limit: widen from 2 lanes to 6 lanes
- Walerga Road south of Baseline: widen from 2 lanes to 4 lanes
- Eureka Road east of Roseville city limit: widen from 2 to 4 lanes

One of these improvements is incorporated into the proposed project since the intersection falls within the City (Intersection 105 widening at Eureka Road and Sierra College Blvd). The implementation of the two additional roadway improvements would reduce Impact 4.1-4 to less than significant; however, since these roadways are not within the City of Roseville, the City has no authority to implement or guarantee the implementation timing of these improvements.

Mitigation Measure 4.1-3: Design improvements to minimize disruption to bicycle facilities

The City shall design intersection and roadway improvements to minimize disruption to existing and planned bicycle facilities. At the time roadway improvements are proposed, the City may secure adequate right-of-way to maintain the bicycle lanes. If, however, existing constraints or unusual circumstances dictate removal of bike lanes, the City will, to the extent practicable, provide signage, alternative routes, or a combination of such measures to ensure that bicycle access is accommodated to the extent possible.

Mitigation Measure 5.2-1: Modify intersection geometries at the following 11 intersections to address effects from regional growth outside the City of Roseville:

- a) Yosemite/Atlantic
- b) Woodcreek Oaks/Blue Oaks
- c) Oak Ridge/Cirby
- d) Foothills/McAnally
- e) SR 65 NB Off/Pleasant Grove
- f) Washington/Roseville Pkwy
- g) Sierra College/Secret Ravine
- h) South Cirby/Old Auburn
- i) Sunrise/Lead Hill
- j) Washington/Junction
- k) Crocker Ranch/Blue Oaks

Table I-2 identifies the specific modifications to be implemented.

TABLE I-2							
CITY OF ROSEVILLE INTERSECTIONS MODIFICATIONS IDENTIFIED BY CITY (MITIGATION MEASURE 5.2-1): 2025 CUMULATIVE NO PROJECT CONDITIONS							
ID	North/South Street	East/West Street	Modification	LOS Before Modification		LOS After Modification	
				LOS	V/C	LOS	V/C
3	Yosemite St	Atlantic St	Restripe southbound to have left and shared left/right lanes	D	0.87	D	0.84
10	Woodcreek Oaks Blvd	Blue Oaks Blvd	Add 4th westbound through lane	E	0.91	C	0.78
14	Oak Ridge Dr	Cirby Way	Restripe to provide left and shared through/right on northbound and southbound approaches	D	0.86	C	0.77
49	Foothills Blvd	McAnally	Add right turn pocket to southbound approach	D	0.86	D	0.83
71	SR 65 NB Off	Pleasant Grove Blvd	Provide northbound off-ramp triple left	D	0.87	C	0.79
103	Washington Blvd	Roseville Pkwy	Provide third eastbound through lane	D	0.89	C	0.79
109	Sierra College Blvd	Secret Ravine Pkwy	Provide dual northbound left turn lanes	D	0.84	C	0.78
110	South Cirby Way	Old Auburn Rd	Provide dual southbound left turn lanes	E	0.91	C	0.73
123	Sunrise Ave	Lead Hill Blvd	Provide dual eastbound and westbound left turn lanes	D	0.82	C	0.75
135	Washington Blvd	Junction Blvd	Provide third southbound through lane	D	0.86	C	0.73
169	Crocker Ranch	Blue Oaks Blvd	Re-stripe southbound as left and left/right	D	0.83	C	0.77
Note: Bold and shaded text indicates LOS D or worse LOS = level of service; V/C = volume to capacity ratio SOURCE: DKS Associates, 2006							

Mitigation Measure 5.2-2: Modify intersection geometries at Intersection 116 (Sunrise Ave/Automall Drive) and Intersection 176 (Gibson Drive West/Roseville Parkway)

The City has identified feasible mitigation measures at two of the affected intersections to address effects of the proposed project, as indicated in **Table I-3** below:

TABLE I-3							
CITY OF ROSEVILLE INTERSECTION MODIFICATIONS (MITIGATION MEASURE 5.2-2): 2025 CUMULATIVE PLUS PROJECT							
ID	North/ South Street	East/West Street	Modifications	LOS Before Modification		LOS After Modification	
				LOS	V/C	LOS	V/C
116	Sunrise Ave	Automall Dr	Reconfigure westbound approach to have left-, left/through-, and right-turn lanes	D	0.82	C	0.71
176	Gibson West Dr	Roseville Pkwy	Provide dual eastbound left-turn lanes	D	0.82	C	0.71
Note: Bold and shaded text indicates LOS D or worse LOS = level of service; V/C = volume to capacity ratio SOURCE: DKS Associates, 2006							

AIR QUALITY

Mitigation Measure 4.2-1: Implement Construction Emissions Control Measures

Construction emissions associated with the proposed project would not exceed the PCAPCD’s significance thresholds and Mitigation Measures are not required. However, the implementation of feasible and applicable control measures listed below would further reduce construction emissions:

- Minimize idling time to 10 minutes for all diesel-powered equipment.
- Apply water to control dust as needed to prevent dust impacts offsite. Operational water truck(s) shall be onsite, as required, to control fugitive dust. Construction vehicles leaving the site shall be cleaned to prevent dust, silt, mud, and dirt from being released or tracked offsite.
- Spread soil binders on unpaved roads and employee/equipment parking areas and wet broom or wash streets if silt is carried over to adjacent public thoroughfares.
- Install wheel washers or wash all trucks and equipment leaving the site.
- Develop a traffic plan to minimize traffic flow interference from construction activities. The plan may include advance public notice of routing, use of public transportation, and satellite parking areas with a shuttle service.

NOISE

Mitigation Measure 4.3-1: Develop and implement a Construction Noise Abatement Program

Prior to construction plan approval for each improvement, develop and implement a Construction Noise Abatement Program. The plan shall require that:

- All construction vehicles or equipment, fixed or mobile, shall be equipped with properly operating and maintained mufflers;
- Stockpiling and/or vehicle staging areas shall be identified on the improvement plans and shall be located as far as is practical from existing occupied dwellings;

Specific noise control measures shall be identified that would reduce the hourly noise level of construction activity to 70 dBA or lower where feasible as determined by the Public Works Director during hours of use for schools and churches, and at hospitals. Those potential sensitive receptors located within 500 feet of proposed construction are as follows.

- One school at Intersection 178 (Washington Boulevard/All America).
- Two schools at Intersection 179 (Cottonwood Drive/Cirby Way).
- One hospital facility (under construction) with surgical procedures that are potentially noise sensitive at Intersection 19 (Eureka Road/Douglas Boulevard).
- A church, the “Light of the Gospel,” at Intersection 15 (Orlando Avenue/Cirby Way).

Specific noise control measures shall be identified that would reduce the hourly average noise level of construction activity to 70 dBA, L_{eq} or lower at other noise-sensitive receptors where feasible. The construction contractor shall consider implementation of the following measures in the construction noise control plan:

1. Select equipment capable of performing the necessary tasks with the lowest feasible noise-emission level and the lowest feasible height for the acoustic center of noise emissions.
2. Noise barriers may be required to block the line of sight from noise sources to noise-sensitive receivers of concern or to further reduce noise levels beyond that provided by line-of-sight breaks afforded by topographical features. The noise barriers could be constructed using either plywood sheets or other solid material that provide sufficient mass per unit surface area (perhaps approaching 4 pounds per square foot) and have minimal openings between the top of barrier and ground surface (perhaps as little as 1 percent). Noise barriers of a given height are generally most effective when placed as close to either the source or receiver as possible, and perhaps at two such separate locations. The least desirable location is generally at a middle distance between sources and receptors. The plan should identify the proper height, location, and effectiveness of a noise barrier in terms of the expected hourly average noise level due to construction activity at noise-sensitive receivers of concern, with the objective of reducing construction activity noise that contributes to an hourly average of 70 dBA or less.

3. Disseminate essential information to residences and implement a complaint/ response tracking system. The construction contractor shall notify residents within 500 feet of the construction areas of the construction schedule in writing before construction begins. The construction contractor will designate a noise disturbance coordinator who will be responsible for responding to complaints regarding construction noise. The coordinator will determine the cause of the complaint and will ensure reasonable measures are implemented to correct the problem when feasible. A contact telephone number for the noise disturbance coordinator will be conspicuously posted on construction site fences and will be included in the written notification of the construction schedule sent to nearby residents.

BIOLOGICAL RESOURCES

Mitigation Measure 4.4-1: Consult with CDFG and implement appropriate mitigation compensation measures for loss of potential foraging habitat

Prior to project initiation, the CDFG shall be contacted to determine if mitigation for the loss of annual grassland and potential foraging habitat for Swainson's hawk will be required. Implementation of any measures required by CDFG to compensate for the loss of potential foraging habitat will reduce the impact to a less-than-significant level.

Mitigation Measure 4.4-2: Conduct preconstruction burrowing owl surveys and implement measures specified by CDFG, where appropriate

To ensure that direct disturbance of burrowing owls in annual grassland of the study area is avoided, a preconstruction survey will be conducted to determine presence/absence of the species. The survey will be conducted by a qualified biologist within 30 days of proposed ground-disturbing activities. Results of the survey will be submitted to the County and the CDFG. If burrowing owls are found onsite or evidence of their occurrence is observed during the survey, the CDFG will be immediately contacted to determine appropriate avoidance and mitigation measures. Implementation of preconstruction survey and measures specified by CDFG, as necessary, will reduce the impact to a less-than-significant level.

Mitigation Measure 4.4-3: Avoid disturbance of potential habitat for vernal pool crustaceans or implement mitigation measures in consultation with USFWS

To avoid potential take of federally listed species, including vernal pool tadpole shrimp and vernal pool fairy shrimp, disturbance of the seasonal wetland and swale within the study area will be avoided to the extent feasible. Impacts to federally listed species or their habitats would likely require a permit from the USFWS. In the event that potential habitat within the study area cannot be avoided, the USFWS will be contacted to determine survey responsibilities (to determine presence/absence of a species) and pertinent permitting and mitigation requirements, as necessary. Implementation of measures specified by the 404 permit, secured prior to construction, would mitigate the loss of potential habitat for vernal pool crustaceans and will reduce the impact to a less-than-significant level.

Mitigation Measure 4.4-4: Avoid disturbance of potential habitat for western spadefoot, or implement mitigation measures in consultation with CDFG

To avoid potential loss of breeding habitat for western spadefoot, disturbance of the seasonal wetland and swale within the study area will be avoided to the extent feasible. CDFG will be contacted prior to project implementation to determine appropriate survey measures (to determine species presence/absence) and/or mitigation requirements for loss of habitat for western spadefoot. Implementation of measures in consultation with CDFG for mitigating the loss of potential habitat will reduce the impact to a less-than-significant level.

Mitigation Measure 4.4-5: Construct outside of nesting season or conduct pre-construction raptor nesting surveys

To avoid disturbance of raptor breeding and nesting activity, including nesting of sensitive raptors, project activities will be avoided during the typical raptor breeding season of March through August, to the extent feasible. If construction must take place during the typical nesting season, preconstruction surveys will be conducted by a qualified biologist no more than 30 days prior to initiation of proposed development activities. Surveys will be conducted to determine if active nesting is occurring on or directly adjacent to the study area. Survey results will then be submitted to the CDFG. If active nests are found on or immediately adjacent to the site, consultation will be initiated with CDFG to determine appropriate avoidance measures. If no nesting is found to occur, necessary tree removal and other project activities could then proceed. Implementation of preconstruction raptor surveys and appropriate avoidance measures will reduce impacts to a less-than-significant level.

Mitigation Measure 4.4-6: Comply with agency permitting requirements and provide for no net loss of wetlands

The City shall comply with all applicable Corps, USFWS, CDFG, and Regional Water Quality Control Board permitting and mitigation requirements for intersection widening and construction. The City shall meet the agencies' no net loss of wetlands policy through one of the following measures:

- Avoid impacts through project design.
- Compensate for impacts by acquiring (through fee title or credits in an approved mitigation bank) replacement habitat.

When site-specific designs are available for the roadway and intersection improvements, project-level analysis would require a wetland delineation submitted to the Corps for verification. The City would be required to obtain a Clean Water Act Section 404 Permit from the Corps prior to any construction activity.

A wetland delineation report, *Wetland Delineation for Baseline 430* (ECORP 2003), has already been prepared and verified for an area encompassing the widening of Fiddymment Road from Pleasant Grove Blvd to Baseline Road and the Intersection 165 (Fiddymment Road/Westlake) improvement area. This verification is valid for five years; therefore, the Fiddymment Road widening and Intersection 165 improvements would not require a new delineation before that time.

Mitigation Measure 4.4-7: Conduct preconstruction rare plant surveys

To avoid impacts to potentially occurring special-status plant species, the City shall conduct preconstruction floristic rare plant surveys along Intersections 105, 69, and 165 and along the west side of Fiddyment Road from Pleasant Grove Boulevard to Baseline Road. Two special-status plants (Sanford's arrowhead and rose mallow) have the potential to occur within these improvement areas. Floristic surveys shall be conducted (according to agency guidelines) within in the project sites to determine presence or absence of special-status plant species. Should any individual special status plant species be located, the applicant shall retain a qualified botanist to develop and implement a mitigation plan; appropriate measures could include transplanting for species that are not federally or state listed as threatened or endangered (such as Sanford's arrowhead and rose mallow, which are on CNPS List 1B.2 and List 2, respectively). The CDFG would review and approve the mitigation plan, except if the plan or portion of the plan addresses federally listed species. In that case, the mitigation plan would be reviewed by the USFWS. Appropriate measures may include transplanting for species that are not federally or state listed as threatened or endangered (such as Sanford's arrowhead and rose mallow).

CULTURAL RESOURCES**Mitigation Measure 4.5-1: Conduct archaeological pedestrian survey of intersections that have not been subject to previous archaeological surveys (Intersections 15, 19, 91, 105, 178, and 179) when final design has been developed**

As many of the proposed widening locations have not been previously subject to cultural resources inventory efforts (i.e., Intersections 15, 19, 91, 105, 178, and 179), it is recommended that cultural resources inventory surveys be completed prior to construction activities in compliance with both federal and state regulations. The studies must include establishment of APE or formalized study areas, Native American consultation, pedestrian surveys, and a technical report that includes recommendations for additional work, if necessary. Additional measures, including resource avoidance, evaluation (i.e., determine CRHR and/or NRHP eligibility), and data recovery excavation, may be necessary if cultural resources are identified within the APE of any of the proposed project improvements as a result of these studies.

Implementation of Mitigation Measure 4.5-1, including those measures recommended in the requisite technical report, will reduce this potential impact to a less-than-significant level.

Mitigation Measure 4.5-2: Comply with the recommendations of a qualified professional archaeologist if cultural resources are inadvertently exposed during construction

In the event of the discovery of buried archaeological artifacts, exotic rock (non-native), or unusual amounts of shell or bone (including human remains), City of Roseville General Plan Policy OD-1 requires that a qualified archaeologist or historian shall be called to evaluate the find and to recommend a proper action. Mitigation Measure 4.5-2 requires that construction activities in the vicinity of the find be immediately stopped until this consultation occurs, and management recommendations are provided and implemented. If the find is determined to be a historical or unique archaeological resource, contingency funding and a time allotment to allow for implementation of avoidance measures or appropriate mitigation shall be made available, as provided in Section 15064.5 of the CEQA Guidelines.

The archaeologist shall evaluate any potential effects on any historical resource or unique archaeological resource and, where such effects would be significant, shall recommend potential mitigation to the City for its consideration. The City will assess the feasibility of any proposed mitigation (e.g., avoidance of the historical resource) and impose the mitigation where feasible in light of factors such as the nature of the find, project design, costs, General Plan policies and land use assumptions, and other considerations. If avoidance is unnecessary or infeasible, other appropriate measures (e.g., data recovery) shall be instituted. If the discovery includes human remains, the Coroner and Native American Heritage Commission must also be contacted.

HAZARDS AND HAZARDOUS MATERIALS

Mitigation Measure 1: Prior to initiating ground-disturbing activities, the City shall evaluate areas where widening will occur to evaluate the potential for historical or existing hazardous materials. This evaluation shall include visual inspections of the site for evidence of hazardous materials releases (i.e., dumping) or evidence of nearby land uses, which may indicate the use of hazardous materials or hazardous waste generation (i.e., aboveground storage tanks, placarding). If such evidence is observed, the City shall retain a qualified consultant to evaluate the potential for hazardous materials releases at the site prior to initiating construction to determine whether these releases may constitute a potential recognized environmental condition. If such a condition is determined to exist, the City shall prepare and implement a remediation plan prepared in accordance with the applicable regulatory agency (i.e., Department of Toxic Substances Control or Regional Water Quality Control Board) prior to proceeding with construction.

HYDROLOGY AND WATER QUALITY

Mitigation Measure 2: The project shall comply with the U.S. Army Corps of Engineers “no net loss” policy and the conditions of a Nationwide or Individual Permit authorization by the U.S. Army Corps of Engineers. As part of these permit requirements, vegetation disturbed during construction shall be replanted and the topography of the sites shall be restored after construction activities have been completed. Where working areas encroach on live or dry streams, lakes, or wetlands, Regional Water Quality Control Board (RWQCB)-approved physical barriers adequate to prevent the flow or discharge of sediment into these systems shall be constructed and maintained between working areas and streams, lakes and wetlands. Erosion control and sediment detention devices (e.g., well-anchored sandbag cofferdams, straw bales, or silt fences) shall be incorporated into the project design, included in the SWPPP, and implemented at the time of construction. These devices shall be in place during construction activities, and after if necessary, to minimize sediment impact to the wetlands and input to waters of the United States. These devices shall be placed at all locations where the likelihood of sediment input exists. A supply of erosion control materials shall be kept on hand to cover small sites that may become bare and to respond to sediment emergencies.

UTILITIES AND SERVICE SYSTEMS

Mitigation Measure 3: If the results of the drainage report conclude that modifications are required to existing drainage facilities located downstream of specific intersection improvements, the City shall design and construct these modifications in accordance with the City’s Noise Ordinance, Flood Damage Prevention Ordinance, Construction Standards, Improvement Standards, and Tree Ordinance, all of which include standards and policies that are uniformly applied to development projects throughout the City. Construction shall be in compliance with the City’s NPDES permit

and the City's Urban Stormwater Quality Management and Discharge Control Ordinance. BMPs will be implemented during construction. The City shall obtain and comply with permit requirements of the U.S. Army Corps of Engineers and California Department of Fish and Game, as applicable, for impacts to wetlands, waters of the United States, riparian habitat, and threatened and endangered species.