

The City of Grass Valley

East Main Street/Idaho-Maryland Road Roundabout

Mitigation Monitoring & Reporting Program

No mitigation measures are proposed or recommended for the following resources:

<ul style="list-style-type: none"> ▪ I. Aesthetics ▪ II. Agricultural Resources ▪ IX. Land Use and Planning ▪ X. Mineral Resources ▪ XI. Noise 	<ul style="list-style-type: none"> ▪ XII. Population and Housing ▪ XIII. Utilities and Public Services ▪ XIV. Recreation ▪ XV. Transportation ▪ XVI. Service Systems
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Mitigation Measure	Implementation Responsibility	Monitoring Responsibility	Timing	Funding	Performance Evaluation Criteria
III. AIR QUALITY					
<p><i>Mitigation Measure AIR1:</i> In accordance with District Rule 226, the City of Grass Valley shall submit a Dust Control Plan to the Northern Sierra Air Quality Management District for review and approval prior to the start of any site preparation, including removal of existing pavement and grading. The Dust Control Plan shall include the following conditions, or other conditions determined by the Air Quality Management District to be equally or more effective:</p> <ol style="list-style-type: none"> 1. The City and the City's contractor shall be responsible for ensuring that all dust control measures are implemented in a timely manner during all phases of project development and construction. 2. All material excavated, stockpiled, or graded shall be sufficiently watered, treated, or covered to prevent fugitive dust from leaving the property boundaries and causing a public nuisance. Watering should occur at least twice daily, with complete site coverage. 3. All unpaved areas with vehicle traffic shall be watered or have dust palliative applied twice a day for regular stabilization of dust emissions. 4. All onsite vehicle traffic shall be limited to a speed of 15 mph on any unpaved areas. 5. All removal of existing pavement, land clearing, grading, earth moving, or excavation activities shall be suspended when winds 	City Contractor	Engineering Department	Dust Control Plan approval prior to site preparation, Dust Control Plan implementation throughout construction	City of Grass Valley	Approval by Northern Sierra Air Quality Management District; Compliance with District Rule 226

**The City of Grass Valley
East Main Street/Idaho-Maryland Road Roundabout
Mitigation Monitoring & Reporting Program**

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<p>exceed 20 miles per hour (based on a daily weather forecast) to prevent excessive windblown dust.</p> <p>6. Any unpaved portion of the project site that shall remain inactive for a period of more than 10 days shall be covered, seeded, watered, or otherwise stabilized.</p> <p>7. All material transported offsite shall be either sufficiently watered or securely covered to prevent it from being entrained in the air and there must be a minimum of six inches of freeboard in the bed of the transport vehicle.</p> <p>8. Paved streets adjacent to the project shall be swept or washed at the end of each day, or more frequently if necessary, to remove excessive accumulations or visibly raised areas of soil which may have resulted from activities at the project site.</p>					
IV. BIOLOGICAL RESOURCES					
<p><i>Mitigation Measure BIO1:</i> The City of Grass Valley and the City's contractor shall implement erosion control measures during all site preparation and construction activities consistent with the requirements of the Nevada County Resource Conservation District Erosion Control Guidelines and Caltrans Best Management Practices (BMPs). The erosion control measures and BMPs shall be reflected on grading and construction plans. Specifically, the City and the City's contractor shall implement the following measures:</p> <p>1. The City and the City's contractor shall use vegetative and structural measures and management practices to reduce erosion and sedimentation.</p> <p>2. Erosion hazards and runoff volumes and</p>	City Contractor	Engineering Department	Erosion control measures to be included on grading and construction plans and implemented throughout construction	City of Grass Valley	Compliance with Nevada County Resource Conservation District Erosion Control Guidelines

**The City of Grass Valley
East Main Street/Idaho-Maryland Road Roundabout
Mitigation Monitoring & Reporting Program**

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<p>velocity shall be reduced by limiting the length and steepness of slopes. Slopes subject to erosion shall not be steeper than 2:1 horizontal to vertical.</p> <ol style="list-style-type: none"> 3. Any long steep slopes shall be broken up by benching, terracing or diversion structures. 4. Vegetation shall be used to control erosion to (a) shield the soil surface from rain, (b) increase infiltration, (c) reduce velocity of runoff and (d) hold soil in place and act as a filter. 5. Grading and construction shall occur during the normal dry season. 6. Prior to commencement of site work, sediment control BMPs such as fiber rolls or gravel bag berms shall be installed on topographically lower areas of the proposed area of disturbance to reduce migration of sediment from the site. Fiber rolls and gravel bag berms shall be placed to reduce sediment discharge from disturbed areas and reduce the velocity of water flow. The BMPs shall remain in place until construction activity is complete. 7. Adjacent water courses shall be protected from runoff, siltation, or blockage during construction. Under no circumstances shall concentrated surface water be directed into drainage courses or existing waterways. Intercepted water shall be discharged into appropriate collection and disposal structures. 8. If construction activities result in disturbance of soil outside the area to be paved or otherwise covered as part of site improvements, the exposed areas shall be 					

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Mitigation Monitoring & Reporting Program**

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<p>hydroseeded or hand seeded/strawed with an appropriate seed mixture compatible with the soil and climate conditions of the site as recommended by the Nevada County Resource Conservation District.</p> <p>9. Concrete washout systems shall be employed as necessary to reduce runoff from concrete operations.</p>					
<p><i>Mitigation Measure BIO2:</i> The City shall submit the wetland delineation to the U.S. Army Corps of Engineers (Corps) for verification of the Corps' jurisdiction within the project site and obtain the appropriate wetland impact permits. Based on the Wetland Delineation submitted for verification, approval for impacts to Matson Creek and the onsite drainage ditch would be granted under Nationwide Permits 14 and 33. Issuance of these permits by the Corps requires compliance with all standard conditions for each permit, including providing compensation for impacts to waters of the United States. Compensation would be provided with the purchase of mitigation credits through the National Fish and Wildlife Fund.</p>	<p>Engineering Department</p>	<p>Engineering Department U.S. Army Corps of Engineers</p>	<p>Site-preparation and construction shall not commence prior to issuance of wetland impact permits</p>	<p>City of Grass Valley</p>	<p>Corps verification of wetland delineation, issuance of wetland permits, and approval of mitigation plan</p>
<p><i>Mitigation Measure BIO3:</i> The City shall obtain a Section 1602 Streambed Alteration Agreement from the California Department of Fish and Game. The City shall also obtain a 401 Water Quality Certification, National Pollutant Discharge Elimination System (NPDES) Permit, and Waste Discharge Requirements Certification from the Central Valley Regional Water Quality Control Board. The City shall also prepare and submit a Storm Water Pollution Prevention Plan (SWPPP) to the Central Valley Regional Water Quality Control Board for approval.</p>	<p>City Contractor</p>	<p>Engineering Department California Department of Fish and Game Central Valley Regional Water Quality Control Board</p>	<p>Site-preparation and construction shall not commence prior to issuance of required agreements, certifications, permits, and ongoing during construction</p>	<p>City of Grass Valley</p>	<p>Issuance of required agreements, certifications, permits, and approvals</p>

**The City of Grass Valley
East Main Street/Idaho-Maryland Road Roundabout
Mitigation Monitoring & Reporting Program**

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V. CULTURAL RESOURCES					
<p><i>Mitigation Measure CUL1:</i> If, during construction activities, historic resources, artifacts, exotic rock or unusual amounts of shell or bone or other potential historic, archaeological, or paleontological resources are encountered during earth-disturbance associated with the proposed project, all soil-disturbing work shall be halted until a qualified archaeologist completes a significance evaluation of the finds pursuant to Section 106 of the National Historic Preservation Act. The archaeologist shall also prepare a management plan for the resources uncovered to ensure that potential impacts to the resources are avoided or compensated for. No further soil-disturbing work shall be conducted within 100 feet of the area of resource discovery until an appropriate management plan is developed by a qualified archaeologist and implemented.</p>	City Contractor	Engineering Department	Ongoing during construction	City of Grass Valley	Compliance with Section 106 of the National Historic Preservation Act if resources are uncovered during construction
<p><i>Mitigation Measure CUL2:</i> The City and the City's contractor shall comply with the guidelines of California Health and Safety Code Section 7050.5 and Public Resources Code Sections 5097.94, 5097.98 and 5097.99 for inadvertent discovery of human remains or burials during project construction. If any bone is uncovered that may be human, then construction activities shall immediately halt, and shall not recommence until the following measures have been implemented:</p> <ol style="list-style-type: none"> 1. All excavation or disturbance of the site of discovery and any nearby area reasonably suspected to have remains must be halted immediately and the County Coroner shall be notified of the find. 2. The Coroner has two working days to examine the remains after being notified by 	City Contractor	Engineering Department County Coroner Native American Heritage Commission	Ongoing during construction	City of Grass Valley	Compliance with California Health and Safety Code Section 7050.5 and Public Resources Code Sections 5097.94, 5097.98 and 5097.99 if human remains are uncovered during construction

**The City of Grass Valley
East Main Street/Idaho-Maryland Road Roundabout
Mitigation Monitoring & Reporting Program**

Mitigation Measure	Implementation Responsibility	Monitoring Responsibility	Timing	Funding	Performance Evaluation Criteria
<p>the person responsible for the excavation. If the remains are determined to be Native American, the Coroner must notify the Native American Heritage Commission (NAHC) within 24 hours.</p> <p>3. The NAHC shall immediately notify the person it believes to be the most likely descendant of the deceased Native American. The most likely descendant may, with the permission of the landowner or landowner's representative, inspect the site of discovery. The most likely descendant has 48 hours from being granted site access to make recommendations to the landowner, or landowner's representative, for the treatment or disposition of the remains and any associated artifacts with proper dignity. The recommendation may include the scientific removal and nondestructive analysis of human remains and items associated with Native American burials.</p> <p>4. If a most likely descendant cannot be identified, or the most likely descendant fails to make recommendations within the specified time period, the landowner must re-inter the remains and any associated artifacts in an area of the property secure from further disturbance. If the owner rejects the descendant's recommendations, the owner or the descendant may request mediation by the NAHC. If mediation fails to provide measures acceptable to the landowner, the landowner or his or her authorized representative shall re-inter the human remains and items associated with Native American burials with</p>					

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East Main Street/Idaho-Maryland Road Roundabout
Mitigation Monitoring & Reporting Program**

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appropriate dignity on the property in a location not subject to further subsurface disturbance and protect the location as required by Public Resources Code Section 5097.98(e).					
VI. GEOLOGY AND SOILS					
<i>Mitigation Measure GEO1:</i> The City and the City's contractor shall implement provisions and recommendations regarding potentially contaminated soil, existing fill, grading and paving as described in the Geotechnical Engineering Report. These provisions include recommendations for site preparation, fill placement, erosion control, construction dewatering, surface water drainage, underground utility trenches, soil corrosion, plan review, and construction monitoring. All applicable provisions of the Geotechnical Engineering Report shall be reflected on grading and construction plans.	City Contractor	Engineering Department	Applicable provisions and recommendations to be included on grading and construction plans and implemented throughout construction	City of Grass Valley	Compliance with recommendations of the Geotechnical Engineering Report
VII. HAZARDS AND HAZARDOUS MATERIALS					
<p><i>Mitigation Measure HAZ1:</i> The following Best Management Practices shall be implemented to control potential pollutant sources associated with the handling and storage of construction materials and equipment.</p> <ol style="list-style-type: none"> 1. Raw construction materials (e.g., dry materials such as plaster and cement, solvents, pesticides and herbicides, paints, petroleum products, and treated lumber.) shall be stored in designated areas surrounded by earthen berms located away from storm drain inlets and natural drainage ways. Any materials that are spread throughout the site shall be covered with impervious tarps. 2. Construction employees shall be trained in 	City Contractor	Engineering Department	Prior to and ongoing during construction	City of Grass Valley	Control of hazardous materials during construction in accordance with BMPs

**The City of Grass Valley
East Main Street/Idaho-Maryland Road Roundabout
Mitigation Monitoring & Reporting Program**

Mitigation Measure	Implementation Responsibility	Monitoring Responsibility	Timing	Funding	Performance Evaluation Criteria
<p>proper materials handling practices.</p> <p>3. Concrete trucks shall be washed out in designated areas in accordance with the Contractor's approved Storm Water Pollution Prevention Plan. Washing fresh concrete from the trucks shall be avoided unless the runoff is drained to a berm or level area, away from site waterways and storm drain inlets.</p> <p>4. Hazardous materials use, transportation, and storage shall be in compliance with all applicable local, state and federal regulations. The City shall secure all necessary permits for the temporary storage of fuel or other flammable materials if such materials are stored in amounts requiring permits.</p> <p>5. Hazardous materials shall be stored in accordance with their labeling. The quantities of these materials stored onsite shall reflect the quantities needed for site construction. The City and the City's contractor shall not mix hazardous waste with other waste produced on the site. Hazardous wastes shall be disposed of at an approved hazardous waste facility.</p> <p>6. Disposal of waste oil and other equipment maintenance waste shall be done in compliance with federal, state and local laws, regulations and ordinances.</p> <p>7. If blasting or the use of controlled explosives is deemed necessary for the proposed project, the grading contractor shall secure a blasting permit and all work shall comply with Nevada County and City of Grass Valley regulatory conditions.</p>					

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Mitigation Monitoring & Reporting Program**

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<p><i>Mitigation Measure HAZ2:</i> The City and the City's contractor shall adhere to the following provisions regarding the potential uncovering of hazardous materials:</p> <ol style="list-style-type: none"> 1. At least 24 hours prior to excavation of fill or native soil beneath the typical subgrade (greater than approximately one to two feet), the City's contractor shall notify the City's Professional Geotechnical Engineering Consultant of excavation start time and anticipated duration. 2. The City's Professional Geotechnical Engineering Consultant shall arrange for a qualified environmental professional to inspect excavated soil prior to reusing the soil as fill or off-haul from the site. 3. The City's contractor shall implement the City's Professional Geotechnical Engineering Consultant recommendations for re-use of the soil as fill or, if contamination is suspected, shall allow the City's Professional Geotechnical Engineering Consultant to obtain soil samples for analysis and shall comply with recommendations for special handling procedures for the soil. 	City Contractor	The City's Professional Geotechnical Engineering Consultant	Prior to and ongoing during excavation and grading	City of Grass Valley	Compliance with recommendations of the Professional Geotechnical Engineering Consultant
VIII. HYDROLOGY AND WATER QUALITY					
Implementation of Mitigation Measures BIO1 and BIO3 would be sufficient to mitigate potential impacts to water quality, drainage patterns, and stormwater runoff.	As indicated above for Mitigation Measures BIO1 and BIO3				