



County of Santa Cruz

PLANNING DEPARTMENT

701 OCEAN STREET, 4TH FLOOR, SANTA CRUZ, CA 95060
(831) 454-2580 FAX: (831) 454-2131 TDD: (831) 454-2123
KATHLEEN MOLLOY PREVISICH, PLANNING DIRECTOR

www.sccoplanning.com

NOTICE OF INTENT TO ADOPT A MITIGATED NEGATIVE DECLARATION

NOTICE OF PUBLIC REVIEW AND COMMENT PERIOD

Pursuant to the California Environmental Quality Act, the following project has been reviewed by the County Environmental Coordinator to determine if it has a potential to create significant impacts to the environment and, if so, how such impacts could be solved. A Negative Declaration is prepared in cases where the project is determined not to have any significant environmental impacts. Either a Mitigated Negative Declaration or Environmental Impact Report (EIR) is prepared for projects that may result in a significant impact to the environment.

Public review periods are provided for these Environmental Determinations according to the requirements of the County Environmental Review Guidelines. The environmental document is available for review at the County Planning Department located at 701 Ocean Street, in Santa Cruz. You may also view the environmental document on the web at www.sccoplanning.com under the Planning Department menu. If you have questions or comments about this Notice of Intent, please contact Matt Johnston of the Environmental Review staff at (831) 454-3201

The County of Santa Cruz does not discriminate on the basis of disability, and no person shall, by reason of a disability, be denied the benefits of its services, programs or activities. If you require special assistance in order to review this information, please contact Bernice Romero at (831) 454-3137 (TDD number (831) 454-2123 or (831) 763-8123) to make arrangements.

PROJECT: North Rodeo Gulch 4.75 Stream Bank Stabilization

APP #: N/A

APN(S): County Right of Way North Rodeo Gulch (Post Mile Marker 4.75)

PROJECT DESCRIPTION: Winter 2011 stormwater flows within Rodeo Gulch Gulch Creek eroded the toe of the roadway embankment causing the slope embankment and associated roadway to fall into the stream channel. In order to restore the road embankment and associated roadway back to pre-disaster configuration, the following activities need to be completed: construct a new retaining wall; place Rock Slope Protection (RSP) at the toe of the slope; revegetate restored roadway embankment; place new asphalt pavement and install a new steel guard rail.

PROJECT LOCATION: The project area is located on North Rodeo Gulch Road at Post Mile Marker 4.75.

EXISTING ZONE DISTRICT: RA-GH

APPLICANT: County of Santa Cruz, Department of Public Works

OWNER: County of Santa Cruz

PROJECT PLANNER: Matt Johnston, (831) 454-3201

EMAIL: Matt.Johnston@santacruzcounty.us

ACTION: Negative Declaration with Mitigations

REVIEW PERIOD: February 10, 2014 through March 11, 2014

This project will be considered administratively by the Project Planner at the conclusion of the review period.



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MITIGATED NEGATIVE DECLARATION

Project: North Rodeo Gulch 4.75 Stream Bank Stabilization

APN(S): County Right of Way N. Rodeo Gulch (Post Mile Marker 4.75)

Project Description: Winter 2011 stormwater flows within Rodeo Gulch Creek eroded the toe of the roadway embankment causing the slope embankment and associated roadway to fail into the stream channel. In order to restore the road embankment and associated roadway back to pre-disaster configuration, the following activities need to be completed: construct a new retaining wall; place Rock Slope Protection (RSP) at the toe of the slope; revegetate restored roadway embankment; place new asphalt pavement and install a new steel guard rail.

Project Location: The project area is located on North Rodeo Gulch Road at Post Mile Marker 4.75.

Owner: County of Santa Cruz

Applicant: County of Santa Cruz, Department of Public Works

Staff Planner: Matt Johnston, (831) 454-3201

Email: Matt.Johnston@santacruzcounty.us

This project will be considered administratively by the Project Planner at the conclusion of the review period.

California Environmental Quality Act Mitigated Negative Declaration Findings:

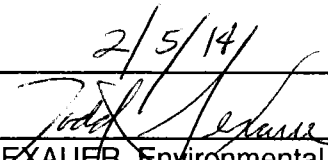
Find, that this Mitigated Negative Declaration reflects the decision-making body's independent judgment and analysis, and; that the decision-making body has reviewed and considered the information contained in this Mitigated Negative Declaration and the comments received during the public review period; and, that revisions in the project plans or proposals made by or agreed to by the project applicant would avoid the effects or mitigate the effects to a point where clearly no significant effects would occur; and, on the basis of the whole record before the decision-making body (including this Mitigated Negative Declaration) that there is no substantial evidence that the project as revised will have a significant effect on the environment. The expected environmental impacts of the project are documented in the attached Initial Study on file with the County of Santa Cruz Clerk of the Board located at 701 Ocean Street, 5th Floor, Santa Cruz, California.

Review Period Ends: March 11, 2014

Note: This Document is considered Draft until it is Adopted by the Appropriate County of Santa Cruz Decision-Making Body

Date: _____

2/5/14



TODD SEXAUER, Environmental Coordinator
(831) 454-3511

NAME: North Rodeo Gulch 4.75
A.P.N: County Right of Way

NEGATIVE DECLARATION MITIGATIONS

- A. In order to ensure that the mitigation measures and conditions set forth in the proposed project description are communicated to the various parties responsible for constructing the project, prior to any disturbance on the property the applicant shall convene a pre-construction meeting on the site. The following parties shall attend: The project engineer, project contractor supervisor, Santa Cruz County Environmental Planning staff, and project biologists. Results of pre-construction biotic surveys will be collected at that time and all protection measures shall be inspected.
- B. Suitable nesting habitat for special-status and non-listed, native bird species is present on the study area. Direct removal of vegetation, noise and other disturbance during construction, could adversely impact nesting birds, if present, which could result in nest abandonment. In order to reduce potential impacts to special-status and non-listed, native bird species to less than significant, the following mitigations shall be implemented:
1. If work in any project site area must commence during the breeding season (February 1 to August 31), a qualified biologist shall conduct a pre-construction breeding bird survey throughout areas of suitable habitat within 300 feet of the work area within 15 days prior to the onset of any construction activity. If bird nests are observed within a project work area or surrounding buffer, an appropriate buffer zone shall be established around all active nests to protect nesting adults and their young from construction disturbance. The size and configuration of buffer zones shall be determined by a qualified biologist in consultation with CDFG based on the site conditions and the species potentially impacted. Work within the buffer zone shall be postponed until all the young are fledged, as determined by a qualified biologist.
- C. In order to reduce potential impacts from the accidental release of hazardous materials into the riparian corridor, the following mitigation would be implemented: A spill prevention and response plan including all appropriate products will be available at the project site during the course of construction activities, and the staging area(s) will be a minimum of 50 feet from any stream.
1. A concrete spill and containment plan shall be reviewed by Planning staff prior to site disturbance.
 2. Prior to the pour of each pier, concrete amounts required will be estimated. Pouring will stop if the estimated amount is exceeded and the DPW inspector will investigate down gradient from the pier to ensure concrete is not migrating underground and surfacing in the creek channel.



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CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) ENVIRONMENTAL REVIEW INITIAL STUDY

Date: February 3, 2014

Staff Planner: Matt Johnston

I. OVERVIEW AND ENVIRONMENTAL DETERMINATION

APPLICANT: County of Santa Cruz
Department of Public Works

APN(s): County Right of Way N. Rodeo
Gulch (Post Mile Marker 4.75)

OWNER: County of Santa Cruz

SUPERVISORAL DISTRICT: 1st

PROJECT LOCATION:

The project area is located on N. Rodeo Gulch Road at Post Mile-Marker 4.75.

SUMMARY PROJECT DESCRIPTION:

Winter 2011 stormwater flows within Rodeo Gulch Creek eroded the toe of the roadway embankment causing the slope embankment and associated roadway to fail into the stream channel. In order to restore the road embankment and associated roadway back to pre-disaster configuration, the following activities need to be completed: construct a new retaining wall; place Rock Slope Protection (RSP) at the toe of the slope; revegetate restored roadway embankment; place new asphalt pavement and install a new steel guard rail.

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED: All of the following potential environmental impacts are evaluated in this Initial Study. Categories that are marked have been analyzed in greater detail based on project specific information.

- | | |
|--|---|
| <input type="checkbox"/> Geology/Soils | <input type="checkbox"/> Noise |
| <input checked="" type="checkbox"/> Hydrology/Water Supply/Water Quality | <input type="checkbox"/> Air Quality |
| <input checked="" type="checkbox"/> Biological Resources | <input type="checkbox"/> Greenhouse Gas Emissions |
| <input type="checkbox"/> Agriculture and Forestry Resources | <input type="checkbox"/> Public Services |
| <input type="checkbox"/> Mineral Resources | <input type="checkbox"/> Recreation |
| <input type="checkbox"/> Visual Resources & Aesthetics | <input type="checkbox"/> Utilities & Service Systems |
| <input type="checkbox"/> Cultural Resources | <input type="checkbox"/> Land Use and Planning |
| <input type="checkbox"/> Hazards & Hazardous Materials | <input type="checkbox"/> Population and Housing |
| <input checked="" type="checkbox"/> Transportation/Traffic | <input type="checkbox"/> Mandatory Findings of Significance |

DISCRETIONARY APPROVAL(S) BEING CONSIDERED:

- | | |
|---|--|
| <input type="checkbox"/> General Plan Amendment | <input type="checkbox"/> Coastal Development Permit |
| <input type="checkbox"/> Land Division | <input type="checkbox"/> Grading Permit |
| <input type="checkbox"/> Rezoning | <input checked="" type="checkbox"/> Riparian Exception |
| <input type="checkbox"/> Development Permit | <input type="checkbox"/> Other: |

NON-LOCAL APPROVALS


Other agencies that must issue permits or authorizations:

California Department of Fish & Wildlife
Regional Water Quality Control Board
Army Corps of Engineers

DETERMINATION: (To be completed by the lead agency)

On the basis of this initial evaluation:

- I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.



Matthew Johnston
Environmental Coordinator

2/4/14

Date

II. BACKGROUND INFORMATION

EXISTING SITE CONDITIONS

Parcel Size: N/A

Existing Land Use: Roadway, Riparian Corridor

Vegetation: Riparian

Slope in area affected by project: 0 - 30% 31 - 100%

Nearby Watercourse: Rodeo Gulch Creek

Distance To: Adjacent

ENVIRONMENTAL RESOURCES AND CONSTRAINTS

Water Supply Watershed: No

Groundwater Recharge: Yes

Timber or Mineral: No

Agricultural Resource: No

Biologically Sensitive Habitat: Yes

Fire Hazard: No

Floodplain: Yes

Erosion: Yes

Landslide: Yes

Liquefaction: No

Fault Zone: No

Scenic Corridor: No

Historic: No

Archaeology: No

Noise Constraint: No

Electric Power Lines: Yes

Solar Access: N/A

Solar Orientation: N/A

Hazardous Materials: No

Other:

SERVICES

Fire Protection: Central Fire

School District: Soquel Union

Sewage Disposal: N/A

Drainage District: Zone 5

Project Access: Roadway

Water Supply: N/A

PLANNING POLICIES

Zone District: Residential Agriculture

General Plan: Suburban Residential

Urban Services Line: Inside

Coastal Zone: Inside

Special Designation: No

Outside

Outside

ENVIRONMENTAL SETTING AND SURROUNDING LAND USES:

The project area is located within the county right-of-way along N. Rodeo Gulch Road adjacent to Post Mile Marker 4.75 (Attachment 1). The topography of the site includes a low to moderate gradient stream located within a deeply incised channel and flanked by steep vegetated slopes. Although the area damaged by the slope failure has minimal vegetative cover, the surrounding slopes are covered with well established riparian vegetation: white alder (*Alnus rhombifolia*), willow (*Salix sp.*), California bay (*Umbellularia californica*), blackberry (*Rubus sp.*), Poison oak (*Toxicodendron diversilobum*) and five-finger fern (*Adiantum aleuticum*). A biotic assessment has been completed (Attachment 2) and has determined no special status species would be impacted by this project.

PROJECT BACKGROUND:

During winter flood events of 2011, heavy stormwater flows within Rodeo Gulch Creek washed out the toe of the roadway embankment causing total failure of the road embankment and half the road width and shoulder of Rodeo Gulch Road.

DETAILED PROJECT DESCRIPTION:

The repair work involved in reestablishing and stabilizing this section of county maintained roadway includes constructing: a steel soldier pile and timber lagging retaining wall (75 linear feet); toe slope protection between the creek channel and the base of the retaining wall (placement of 75 linear feet of Rock Slope Protection (RSP)); reconstruct roadway and shoulder and construct a metal beam guardrail. The construction area is approximately 130 feet long by 50 feet wide. Two construction staging areas will be located along Rodeo Gulch Road (adjacent to the limits of construction). A temporary construction access road will be installed, northwest corner of the construction area, in order to complete the necessary earthwork for the new retaining wall, placement of the RSP and reconstructing the failed roadway and shoulder. The construction access road will be removed upon project completion and appropriate Best Management Practices (BMP's) will be implemented to stabilize areas of bare soil. A limited section of stream channel will need to be diverted and dewatered in order to properly install the RSP. The dewatering process will be achieved by utilizing temporary dams, diversion pipe and portable pump(s). The placement of silt fencing, straw wattles and other BMP measures will be employed during construction activities in order to safeguard water quality and federally listed species. The implementation of the Erosion control and Revegetation Plans will provide short-term slope stability for areas disturbed during construction activities and long-term slope stability for the roadway embankment below the new retaining wall.

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
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III. ENVIRONMENTAL REVIEW CHECKLIST

A. GEOLOGY AND SOILS

Would the project:

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| 1. Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving: | | | | |
| A. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| B. Strong seismic ground shaking? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| C. Seismic-related ground failure, including liquefaction? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| D. Landslides? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Discussion (A through D): The project site is located outside of the limits of the State Alquist-Priolo Special Studies Zone (County of Santa Cruz GIS Mapping, California Division of Mines and Geology, 2001). However, the project site is located approximately 8.5 mile(s) southwest of the San Andreas fault zone, and approximately 5 mile(s) southwest of the of the Corralitos fault zone. While the San Andreas fault is larger and considered more active, each fault is capable of generating moderate to severe ground shaking from a major earthquake. Consequently, large earthquakes can be expected in the future. The October 17, 1989 Loma Prieta earthquake (magnitude 7.1) was the second largest earthquake in central California history.

All of Santa Cruz County is subject to some hazard from earthquakes. However, the project site is not located within or adjacent to a County or state mapped fault zone, therefore the potential for ground surface rupture is low. The project site is likely to be subject to strong seismic shaking during the life of the improvements. The improvements would be designed in accordance with the Uniform Building Code, which should reduce the hazards of seismic shaking and liquefaction to a less than significant level. There is no indication that landsliding is a significant hazard at this site.

All of Santa Cruz County is subject to some hazard from earthquakes. However, the

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project site is not located within or adjacent to a county or state mapped fault zone. A geotechnical investigation for the proposed project was performed by Butano Geotechnical Engineering, January 2013. The report concluded that the proposed design meets the 2010 California Building Code standards which incorporate seismic concerns into the design criteria.

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| 2. | Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
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The geotechnical report cited above did not identify a significant potential for damage caused by any of these hazards.

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| 3. | Develop land with a slope exceeding 30%? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
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Discussion: The proposed project would stabilize a steep slope that supports a County roadway.

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| 4. | Result in substantial soil erosion or the loss of topsoil? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
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Discussion: Some potential for erosion exists during the construction phase of the project, however, this potential is minimal because ground disturbance is limited to the slipout area and standard erosion controls are a required condition of the project. Prior to County approval, the project must have an approved Erosion Control Plan, which would specify detailed erosion and sedimentation control measures. The plan would include provisions for disturbed areas to be planted with ground cover and to be maintained to minimize surface erosion.

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| 5. | Be located on expansive soil, as defined in Section 1802.3.2 of the California Building Code (2007), creating substantial risks to life or property? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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Discussion: The geotechnical report for the project did not identify any elevated risk associated with expansive soils.

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| 6. | Place sewage disposal systems in areas dependent upon soils incapable of adequately supporting the use of septic tanks, leach fields, or alternative waste water disposal systems where | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
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sewers are not available?

Discussion: The proposed project is a road stabilization project and does not involve sewage of any kind.

7. Result in coastal cliff erosion?

Discussion: The proposed project is not located in the vicinity of a coastal cliff or bluff; and therefore, would not contribute to coastal cliff erosion.

B. HYDROLOGY, WATER SUPPLY, AND WATER QUALITY

Would the project:

1. Place development within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?

Discussion: According to the Federal Emergency Management Agency (FEMA) National Flood Insurance Rate Map, dated May 16, 2012, no portion of the project site lies within a mapped 100-year flood hazard area.

2. Place within a 100-year flood hazard area structures which would impede or redirect flood flows?

Discussion: The toe of the proposed project will be within the 100-year flood area. The project design includes rock slope protection approximately the same location as the current debris from the slip out, therefore no impacts are anticipated.

3. Be inundated by a seiche, tsunami, or mudflow?

Discussion: The proposed project is located over two miles inland and as such is not subject to impacts from a seiche or tsunami. As a structural road feature, the project is designed to withstand a mudflow that may come down the channel.

4. Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits

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have been granted)?

Discussion: This project would not require nor would it impact ground water or any water supplies.

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| 5. | Substantially degrade a public or private water supply? (Including the contribution of urban contaminants, nutrient enrichments, or other agricultural chemicals or seawater intrusion). | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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Discussion: This project is not within a water supply watershed.

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| 6. | Degrade septic system functioning? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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Discussion: There is no indication that existing septic systems in the vicinity would be affected by the project.

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| 7. | Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding, on- or off-site? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
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Discussion: The proposed project includes some in-channel work but is designed to reestablish the existing active channel prior to the roadway failure.

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| 8. | Create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems, or provide substantial additional sources of polluted runoff? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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Discussion: This project will not create or contribute any runoff water in excess of current levels.

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| 9. | Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
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Discussion: This project will reestablish a major roadway outside of the 100-year flood zone.

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
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10. Otherwise substantially degrade water quality?

Discussion: Implementation of the required erosion control plan and standard BMPs required of all Public Works projects to ensure proper maintenance of equipment and staging areas will ensure that there are no further impacts to water quality.

C. BIOLOGICAL RESOURCES

Would the project:

1. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game, or U.S. Fish and Wildlife Service?

Discussion: A Biotic Report was prepared for this project by Biotic Resources Group, dated June 15, 2013 (Attachment 2). No special status species have been identified on the subject property in either the Biotic Report or in site visits by Planning Department staff.

2. Have a substantial adverse effect on any riparian habitat or sensitive natural community identified in local or regional plans, policies, regulations (e.g., wetland, native grassland, special forests, intertidal zone, etc.) or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

Discussion: The project site is within the riparian corridor and sensitive habitat as defined in the Santa Cruz County Code Sections 16.30 and 16.32, respectively. The proposed project will result in a temporary disturbance of riparian and aquatic habitat by heavy equipment accessing and working within the project area. Riparian and sensitive habitat disturbed during construction are proposed to be revegetated with locally appropriate native species. Two California bay trees (each 24" in diameter) located at the downstream portion of the work area will be cut (within stumps retained) to accommodate the slope repair and construction of the retaining wall. As California bay sprouts readily from the root crown, bole, or stump, re-sprouting of these cut trees is expected; therefore this impact to the riparian woodland is considered temporary. Two small willows (each 3" in diameter) that grow amid the failed slope will be removed as well as herbaceous riparian-associated understory vegetation that grows upstream

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and downstream of the slip-out. A revegetation plan has been created that includes willow staking within the RSP and planting of native riparian species to reestablish the riparian vegetation, and retention of the bay stumps to be removed. Hydroseeding of native grass species and installation of natural fiber biodegradable erosion control fabric are proposed to be applied to all disturbed areas. The potential impacts to the riparian habitat are found to be less than significant.

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|----|---|--------------------------|-------------------------------------|--------------------------|--------------------------|
| 3. | Interfere substantially with the movement of any native resident or migratory fish or wildlife species, or with established native resident or migratory wildlife corridors, or impede the use of native or migratory wildlife nursery sites? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|----|---|--------------------------|-------------------------------------|--------------------------|--------------------------|

Discussion: Nesting birds may occur in the riparian vegetation adjacent to the project site. Because most nesting birds are protected by the Migratory Bird Treaty Act, the following measures are expected to avoid potentially significant impacts if any are present during construction:

To avoid impacting breeding birds, if present, schedule construction to occur between August 1 and October 15 of any given year, which is outside the bird breeding season. If this is not practical, then have a qualified biologist conduct a preconstruction survey for nesting birds. If any active bird nests are found within 50 feet of the work area, postpone construction until the biologist has determined that all young have fledged.

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| 4. | Produce nighttime lighting that would substantially illuminate wildlife habitats? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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Discussion: The proposed project does not involve any night time lighting.

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| 5. | Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|----|--|--------------------------|--------------------------|-------------------------------------|--------------------------|

Discussion: Work along the toe of the slope to remove the failed riprap and to placement new riprap will impact two patches of in-channel wetlands located within the work area (collectively encompassing approximately 8 square feet). Due to the dynamic nature of in-stream wetland vegetation, wetland vegetation is expected to re-colonize the work area after construction; therefore, this impact is considered to be temporary, and less than significant.

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
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|----|---|--------------------------|--------------------------|-------------------------------------|--------------------------|
| 6. | Conflict with any local policies or ordinances protecting biological resources (such as the Sensitive Habitat Ordinance, Riparian and Wetland Protection Ordinance, and the Significant Tree Protection Ordinance)? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|----|---|--------------------------|--------------------------|-------------------------------------|--------------------------|

Discussion: The Department of Public Works is required to obtain a Riparian Exception prior to site disturbance. Issuance of this exception will ensure the project does not conflict with any ordinance in place for the protection of biological resources.

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|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 7. | Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: There are no Habitat Conservation Plans in effect that affect the subject location; therefore the project will not conflict with any plan.

D. AGRICULTURE AND FOREST RESOURCES

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment Project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:

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|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 1. | Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The project site does not contain any lands designated as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency. In addition, the project does not contain Farmland of Local Importance. Therefore, no Prime Farmland, Unique Farmland, Farmland of Statewide or Farmland of Local Importance would be converted to a non-agricultural

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
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use. No impact would occur from project implementation.

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|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 2. | Conflict with existing zoning for agricultural use, or a Williamson Act contract? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The project site is riparian habitat, which is not considered to be an agricultural zone. Additionally, the project site's land is not under a Williamson Act Contract. Therefore, the project does not conflict with existing zoning for agricultural use, or a Williamson Act Contract. No impact is anticipated.

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|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 3. | Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The project would not affect any timber resource or access to harvest of timber resources in the future.

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|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 4. | Result in the loss of forest land or conversion of forest land to non-forest use? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: No forest land occurs on the project site or in the immediate vicinity. No impact is anticipated.

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|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 5. | Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The project as proposed is to restore a failed roadway. This has no impact on farmland nor does it have the potential to affect the potential conversion of farmland, therefore there is no impact.

E. MINERAL RESOURCES

Would the project:

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|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 1. | Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
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Discussion: The site does not contain any known mineral resources that would be of value to the region and the residents of the state. Therefore, no impact is anticipated from project implementation.

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|----|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 2. | Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|----|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The project as proposed is to restore a failed roadway. This has no impact on mineral resources, therefore, no potentially significant loss of availability of a known mineral resource of locally important mineral resource recovery (extraction) site delineated on a local general plan, specific plan or other land use plan would occur as a result of this project.

F. VISUAL RESOURCES AND AESTHETICS

Would the project:

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|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 1. | Have an adverse effect on a scenic vista? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The project would not directly impact any public scenic resources, as designated in the County's General Plan (1994), or obstruct any public views of these visual resources.

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|----|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 2. | Substantially damage scenic resources, within a designated scenic corridor or public view shed area including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|----|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: The project site is not located along a County designated scenic road, public viewshed area, scenic corridor, within a designated scenic resource area, or within a state scenic highway. Therefore, no impact is anticipated.

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|----|---|--------------------------|--------------------------|-------------------------------------|--------------------------|
| 3. | Substantially degrade the existing visual character or quality of the site and its surroundings, including substantial change in topography or ground surface relief features, and/or development on a ridgeline? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|----|---|--------------------------|--------------------------|-------------------------------------|--------------------------|

Discussion: The existing visual setting is riparian corridor. The proposed project is designed and landscaped so as to fit into this setting.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
4. Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion: The project would not create any incremental increase in night lighting; therefore, there will be no impact.

G. CULTURAL RESOURCES

Would the project:

1. Cause a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Discussion: There are no existing structure(s) on the property designated as a historic resource on any federal, state or local inventory.

2. Cause a substantial adverse change in the significance of an archaeological resource pursuant to CEQA Guidelines Section 15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Discussion: No archeological resources have been identified in the project area. Pursuant to County Code Section 16.40.040, if at any time in the preparation for or process of excavating or otherwise disturbing the ground, any human remains of any age, or any artifact or other evidence of a Native American cultural site which reasonably appears to exceed 100 years of age are discovered, the responsible persons shall immediately cease and desist from all further site excavation and comply with the notification procedures given in County Code Chapter 16.40.040.

3. Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Discussion: Pursuant to Section 16.40.040 of the Santa Cruz County Code, if at any time during site preparation, excavation, or other ground disturbance associated with this project, human remains are discovered, the responsible persons shall immediately cease and desist from all further site excavation and notify the sheriff-coroner and the Planning Director. If the coroner determines that the remains are not of recent origin, a full archeological report shall be prepared and representatives of the local Native California Indian group shall be contacted. Disturbance shall not resume until the significance of the archeological resource is determined and appropriate mitigations to preserve the resource on the site are established.

4. Directly or indirectly destroy a unique paleontological resource or site or	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
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unique geologic feature?

Discussion: There is no known unique paleontological resource at the site. The project disturbance consists of removing spoils from the stream channel, constructing a retaining wall, and backfill. No unique geologic features will be directly or indirectly destroyed.

H. HAZARDS AND HAZARDOUS MATERIALS

Would the project:

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|----|--|--------------------------|-------------------------------------|--------------------------|--------------------------|
| 1. | Create a significant hazard to the public or the environment as a result of the routine transport, use or disposal of hazardous materials? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|----|--|--------------------------|-------------------------------------|--------------------------|--------------------------|

Discussion: This project involves the transportation and pouring of concrete, which can have a detrimental effect on water quality. In order to ensure no impacts occur as a result of an accidental spill of concrete, the following mitigation measures shall be implemented:

1. A concrete spill and containment plan shall be reviewed by Planning staff prior to site disturbance.
2. Work will be conducted in the dry season.
3. Prior to the pour of each pier, concrete amounts required will be estimated. Pouring will stop if the estimated amount is exceeded and the DPW inspector will investigate down gradient from the pier to ensure concrete is not migrating underground and surfacing in the creek channel.

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|----|--|--------------------------|--------------------------|-------------------------------------|--------------------------|
| 2. | Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|----|--|--------------------------|--------------------------|-------------------------------------|--------------------------|

Discussion: See H.1. above.

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|----|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 3. | Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|----|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

Discussion: This project does not involve the use of hazardous materials beyond the concrete discussed above. The project would produce emissions from the use of standard construction equipment but the sites are not located within one-quarter mile of an existing or proposed school.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
4. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion: The project site is not included on the January 21, 2014 list of hazardous sites in Santa Cruz County compiled pursuant to the specified code.

5. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Discussion: This project is not within two miles of an airport.

6. For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Discussion: This project is not within two miles of an airport.

7. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Discussion: The current roadway is reduced to a single lane. This project will result in restoring the roadway to two lanes and improving emergency access to the community beyond the road failure. This is a beneficial impact.

8. Expose people to electro-magnetic fields associated with electrical transmission lines?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Discussion: This project does not include the addition of any electrical transmission lines.

9. Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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