

EMERGENCY PERMIT

20EMP-00000-00001

**Countywide:**

Subject to the requirements of Section 35.82.090 of the Santa Barbara County Land Use & Development Code.

**Montecito:**

Subject to the requirements of Section 35.472.080 of the Santa Barbara County Montecito Land Use & Development Code

Case Name: Jesusita Trail – Rock Fall Hazard Mitigation
Case Number: 20EMP-00000-00001
Site Address: End of Tunnel Road
APN: 153-270-009
Applicant/Agent Name: Southern California Edison
Owner Name: City of Santa Barbara

South County Office
123 E. Anapamu Street
Santa Barbara, CA 93101
(805) 568-2000

Energy and Minerals Division
123 E. Anapamu Street
Santa Barbara, CA 93101
(805) 568-2000

North County Office
624 W. Foster Road
Santa Maria, CA 93454
(805) 934-6250

PERMIT APPROVAL:

This is to inform you that an Emergency Permit has been approved for:

The removal of rocks, boulders, and other loose debris hazards from the access road on the slopes above the Jesusita Trail. This work includes removing rocks and stabilizing the outer edge of the access road above the foot trail to prevent additional material from sliding down the slope towards the hiking trail. This emergency work was completed by February 7, 2020. The project proposes additional work to remove the berm and install approximately 550 ft. of temporary k-rails along three sections of the trail where vertical rock walls were created south of the existing bridge over Mission Creek. A 4 ft. tall temporary chain link fence will be installed on top of the k-rail on the tree sections to prevent debris from falling onto the trail. Additionally the steel plates on the bridge over Mission Creek will be temporarily removed for an assessment of the historical bridge resource. After the assessment is complete the plates will be placed back on the bridge to facilitate future construction. The project will have pedestrian and vehicle safety traffic control to monitor the traffic along the trail. Best Management Practices (BMPs) will be used in the field as shown in the Erosion and Sediment Control Plan to protect the water quality of Mission Creek. Dust control will be used as necessary and the access road entrance area will be swept to control track out as needed. This project constitutes an emergency because the rocks and other debris are precariously perched above the Jesusita Trail and, if dislodged, could freefall onto the trail and injure a pedestrian. This project is located at the end of Tunnel Road (APN: 153-270-009) on a parcel zoned AG-II-100 in the Mission Canyon Community Plan Area, First Supervisorial District.

Therefore, this situation constitutes an emergency in accordance with the applicable Development Code indicated above and immediate action is warranted. As the required findings (listed below) can be made, the emergency work is hereby approved, subject to compliance with the attached conditions of approval. This permit is not valid until signed by the owner/applicant and subsequently issued by the Department upon verification that all conditions of approval requiring action prior to permit issuance are satisfied.

Sincerely,



LISA PLOWMAN
Director

APPROVAL DATE:

03 / 24, 2020

OWNER/APPLICANT AGREEMENT:

The undersigned permittee acknowledges receipt of this permit and agrees to abide by all terms and conditions of approval incorporated herein. The undersigned also acknowledges and agrees that:

- This Emergency Permit provides only temporary authorization for the proposed action and other applicable permits (such as a Conditional Use Permit, Coastal Development Permit, Land Use Permit, Building Permit) are required by law to validate the emergency work as permanent.
- Any evidence or findings contained herein, or upon which this permit relies, shall not constitute any limitation on the authority of the County to issue, grant, deny, rescind, or revoke this permit or any future permit(s) required for the activities described herein, or on the authority of the County to analyze, mitigate, or condition any future permit(s) required for the activities described herein.
- This permit does not authorize any work or construction activities outside of the scope of the project as indicated in the project description, conditions of approval and approved plans.
- This permit shall not be construed to authorize any violation of County ordinance or policy, or the violation of any State or Federal regulation.

Print Name

Signature

Date

PERMIT ISSUANCE:

Print Name

Signature

Date

BACKGROUND:

Work was done by Southern California Edison (SCE) to repair and widen an access road at the end of Tunnel Road used to reach existing electrical infrastructure in December 2019. Sediment material was used to build up an existing berm along the outer edge of the access road for safety reasons. While conducting the road maintenance, SCE crews performed more extensive grading than was originally anticipated, generating rocks and debris that moved down the canyon slopes into Mission Creek and other unintended areas. The City of Santa Barbara, who owns the property, discovered that this work was occurring and sent a stop work notice on December 16, 2019. Edison immediately stopped work on the project and has since worked with the relevant agencies (California Department of Fish & Wildlife, City of Santa Barbara, County of Santa Barbara, Army Corps of Engineers, Regional Water Quality Control Board) to address the outstanding issues. Since the project was stopped midway through, there are safety issues that need to be fixed immediately. Rocks, debris, and other material were precariously placed in an area where, if it was to be dislodged, could fall onto the foot trail and potentially injure a pedestrian.

FINDINGS OF APPROVAL:

A. Findings required for all Emergency Permits. In compliance with Subsection 35.82.090.E.2 of the County Land Use and Development Code, prior to the approval or conditional approval of an application for an Emergency Permit the Director shall first make all of the following findings:

a. An emergency exists and requires action more quickly than provided for by the customary procedures for permit processing.

An emergency does exist because rocks and other loose debris were placed along the access road in a location that overlooks the Jesusita Trail which is commonly used by the public as a hiking trail. If the rocks or debris is dislodged it could free fall down onto the trail and harm a pedestrian. Also, an existing rock slope was cut south of the bridge over Mission Creek, creating a vertical rock face where additional rock and debris could fall and injure individuals on the trail. Immediate measures to stabilize the areas and provide safety barriers are necessary for safety purposes and cannot wait for the customary permit procedures to be completed.

b. The action proposed is consistent with the policies of the Comprehensive Plan, including the Mission Canyon Community Plan and the requirements of this Development Code.

The Mission Canyon Community Plan Policy BIO-MC-2 states that “*Environmentally sensitive biological resources and habitat areas shall be protected and, where appropriate, enhanced.*” This project will include a certified erosion and sediment control plan which implements Best Management Practices (BMP’s) to prevent erosion from entering the creek and damaging sensitive resources. Additionally a biological monitor will be present who will survey the workspace and determine if sensitive wildlife are present around the construction area. If a resource is found, the monitor will instruct crews to establish a no work buffer around the resource.

The Mission Canyon Community Plan Policy FLD-MC-1.1 states that “*Erosion of soils and movement of sediment into natural and manmade drainages shall be minimized during construction activities.*” This project will implement an erosion & sediment control plan during the emergency work to minimize further erosion and sedimentation into Mission Creek.

The Land Use Element Hillside and Watershed Protection Policy 1 states that *“Plans for development shall minimize cut and fill operations. Plans requiring excessive cutting and filling may be denied if it is determined that the development could be carried out with less alteration of the natural terrain.”* The grading proposed for this project is limited to removal of the berm along the section of the trail where k-rails will be installed. This work, along with the removal of rocks and debris from the access road above the trail, is required in order to promote the continued safe use of the Tunnel and Jesusita Trails by the public and stabilize loose material that poses a safety risk.

The Land Use Element Hillside and Watershed Protection Policy 2 states that *“All developments shall be designed to fit the site topography, soils, geology, hydrology, and any other existing conditions and be oriented so that grading and other site preparation is kept to an absolute minimum. Natural features, landforms, and native vegetation, such as trees, shall be preserved to the maximum, extent feasible. Areas of the site which are not suited to development because of known soil, geologic, flood, erosion or other hazards shall remain in open space.”* Grading for this phase of the project involves removing an existing man-made berm. No native trees or vegetation are proposed for removal, and natural features would remain unchanged.

The Land Use Element Hillside and Watershed Protection Policy 5 states that *“Temporary vegetation, seeding, mulching, or other suitable stabilization methods shall be used to protect soils subject to erosion that have been disturbed during grading or development. All cut and fill slopes shall be stabilized as rapidly as possible with planting of native grasses and shrubs, appropriate non-native plants, or with accepted landscaping practices.”* The Phase 1 erosion and sediment control plan has BMP's for temporary stabilization that includes using hydraulic mulch, erosion control blankets, fiber rollers, and other similar measures to reduce soil erosion.

Section 35.82.090 of the Santa Barbara County Land Use & Development Code (LUDC) allows the customary permit requirements to be temporarily bypassed in the case of an emergency. In addition, an application for a Land Use Permit will be required to be submitted no later than 30 days following the granting of the Emergency Permit, and any materials required to complete the application shall be submitted within 90 days after granting of an Emergency Permit, unless the Director extends the time period.

Therefore, the proposed project is consistent with the requirements of the Comprehensive Plan, including the Mission Canyon Community Plan and the LUDC, and this finding can be made.

c. *Public comment on the proposed emergency action has been reviewed.*

Notice of the emergency work was completed in compliance with Chapter 35.106 of the Santa Barbara County Land Use and Development Code. Mailed notice was sent to all owners of property located within a 300-foot radius of the exterior boundaries of the subject lot and notice placards were placed in three locations on the lot. In addition, notice was sent to the Mission Canyon Association.

Public comment by phone, email, and mail has been accepted up until the date of a decision for the Emergency Permit project. No public comments on the proposed emergency action were received other than requesting information and status updates. Therefore, this finding can be made.

EMERGENCY PERMIT CONDITIONS OF APPROVAL

1. This Emergency Permit is based upon and limited to compliance with the project description, and the conditions of approval set forth below. Any deviations from the project description or conditions must be reviewed and approved by the County for conformity with this approval. Deviations without the above-described approval will constitute a violation of permit approval. If it is determined that project activity is occurring in violation of any or all of the following conditions, the Director may revoke this permit and all authorization for development. The decision of the Director to revoke the Emergency Permit may be appealed to the Planning Commission.

The project description is as follows:

The removal of rocks, boulders, and other loose debris hazards from the access road on the slopes above the Jesusita Trail. This work includes removing rocks and stabilizing the outer edge of the access road above the foot trail to prevent additional material from sliding down the slope towards the hiking trail. This emergency work was completed by February 7, 2020. The project proposes additional work to remove the berm and install approximately 550 ft. of temporary k-rails along three sections of the trail where vertical rock walls were created south of the existing bridge over Mission Creek. A 4 ft. tall temporary chain link fence will be installed on top of the k-rail on the tree sections to prevent debris from falling onto the trail. Additionally the steel plates on the bridge over Mission Creek will be temporarily removed for an assessment of the historical bridge resource. After the assessment is complete the plates will be placed back on the bridge to facilitate future construction. The project will have pedestrian and vehicle safety traffic control to monitor the traffic along the trail. Best Management Practices (BMPs) will be used in the field as shown in the Erosion and Sediment Control Plan to protect the water quality of Mission Creek. Dust control will be used as necessary and the access road entrance area will be swept to control track out as needed. This project constitutes an emergency because the rocks and other debris are precariously perched above the Jesusita Trail and, if dislodged, could freefall onto the trail and injure a pedestrian. This project is located at the end of Tunnel Road (APN: 153-270-009) on a parcel zoned AG-II-100 in the Mission Canyon Community Plan Area, First Supervisorial District.

2. An application(s) for the required permits necessary to validate the emergency work as permanent shall be submitted by the applicant to the Department no later than 30 days following the issuance of this Emergency Permit. The permits required for the proposed emergency work include a Land Use Permit pursuant to Section 35.82.090 of the County Land Use Development Code and a Grading Permit.
3. Any materials required for a completed application, as identified in the initial review of the original application required pursuant to Condition #2 above, shall be submitted within 90 days after written notification of the application deficiencies is provided to the applicant. This time period may be extended by the Director.

4. Only that emergency work specifically requested and deemed an emergency for the specific property mentioned is authorized. Any additional emergency work requires separate authorization from the Director. The work authorized by this permit must be commenced within 30 days of the date of issuance of this permit.
5. This permit does not preclude the necessity to obtain authorization and/or permits from other Departments or agencies.
6. The Director may order the work authorized under this emergency permit to stop immediately if it is determined that unanticipated and substantial adverse environmental effects may occur with continued construction.
7. **Bio-20 Equipment Storage-Construction.** The Owner/Applicant shall designate one or more construction equipment filling and storage areas to contain spills, facilitate clean up and proper disposal and prevent contamination from discharging to the storm drains, street, drainage ditches, creeks, or wetlands. The areas shall be no larger than 50 x 50 foot unless otherwise approved by P&D and shall be located at least 100 feet from any storm drain, waterbody or sensitive biological resources. **PLAN REQUIREMENTS:** The Owner/Applicant shall designate the P&D approved location on the site plan. **TIMING:** The Owner/Applicant shall install the area prior to commencement of construction. **MONITORING:** P&D staff shall ensure compliance prior to and throughout construction.
8. **Noise-02 Construction Hours.** The Owner/Applicant, including all contractors and subcontractors shall limit construction activity, including equipment maintenance and site preparation, to the hours between 8:00 a.m. and 5:00 p.m. Monday through Friday. No construction shall occur on weekends or State holidays. Non-noise generating interior construction activities such as plumbing, electrical, drywall and painting (which does not include the use of compressors, tile saws, or other noise-generating equipment) are not subject to these restrictions.
Any subsequent amendment to the Comprehensive General Plan, applicable Community or Specific Plan, or Zoning Code noise standard upon which these construction hours are based shall supersede the hours stated herein.
MONITORING: P&D staff shall spot check and respond to complaints.
9. **Air-01 Dust Control.** The Owner/Applicant shall comply with the following dust control components at all times including weekends and holidays:
 - a. Dust generated by the development activities shall be kept to a minimum with a goal of retaining dust on the site.
 - b. During clearing, grading, earth moving, excavation, or transportation of cut or fill materials, use water trucks or sprinkler systems to prevent dust from leaving the site and to create a crust after each day's activities cease.
 - c. During construction, use water trucks or sprinkler systems to keep all areas of vehicle movement damp enough to prevent dust from leaving the site.
 - d. Wet down the construction area after work is completed for the day and whenever wind exceeds 15 mph.

- e. When wind exceeds 15 mph, have site watered at least once each day including weekends and/or holidays.
- f. Order increased watering as necessary to prevent transport of dust off-site.
- g. Cover soil stockpiled for more than two days or treat with soil binders to prevent dust generation. Reapply as needed.
- h. If the site is graded and left undeveloped for over four weeks, the Owner/Applicant shall immediately:
 - i. Seed and water to re-vegetate graded areas; and/or
 - ii. Spread soil binders; and/or
 - iii. Employ any other method(s) deemed appropriate by P&D or APCD.

PRE-CONSTRUCTION REQUIREMENTS: The contractor or builder shall provide P&D with the name and contact information for an assigned onsite dust control monitor(s) who has the responsibility to:

- a. Assure all dust control requirements are complied with including those covering weekends and holidays.
- b. Order increased watering as necessary to prevent transport of dust offsite.
- c. Attend the pre-construction meeting.

TIMING: The dust monitor shall be designated prior to grading activities. The dust control components apply from the beginning of any grading or construction throughout all development activities until the work outlined in the Emergency Permit is complete.

MONITORING: P&D processing planner shall ensure measures are on plans. P&D inspectors shall spot check; Grading shall ensure compliance onsite.

County Rules and Regulations/Legal Requirements

- 10. **Rules-05 Acceptance of Conditions.** The Owner/Applicant's acceptance of this permit and/or commencement of use, construction and/or operations under this permit shall be deemed acceptance of all conditions of this permit by the Owner/Applicant.
- 11. **Rules-23 Processing Fees Required.** Prior to issuance of an Emergency Permit, the Owner/Applicant shall pay all applicable P&D permit processing fees in full as required by County ordinances and resolutions.
- 12. **Rules-33 Indemnity and Separation.** The Owner/Applicant shall defend, indemnify and hold harmless the County or its agents or officers and employees from any claim, action or proceeding against the County or its agents or officers or employees, to attach, set aside, void, or annul, in whole or in part, the County's approval of this project. In the event that the County fails promptly to notify the Owner / Applicant of any such claim, action or proceeding, or that the County fails to cooperate fully in the defense of said claim, this condition shall thereafter be of no further force or effect.

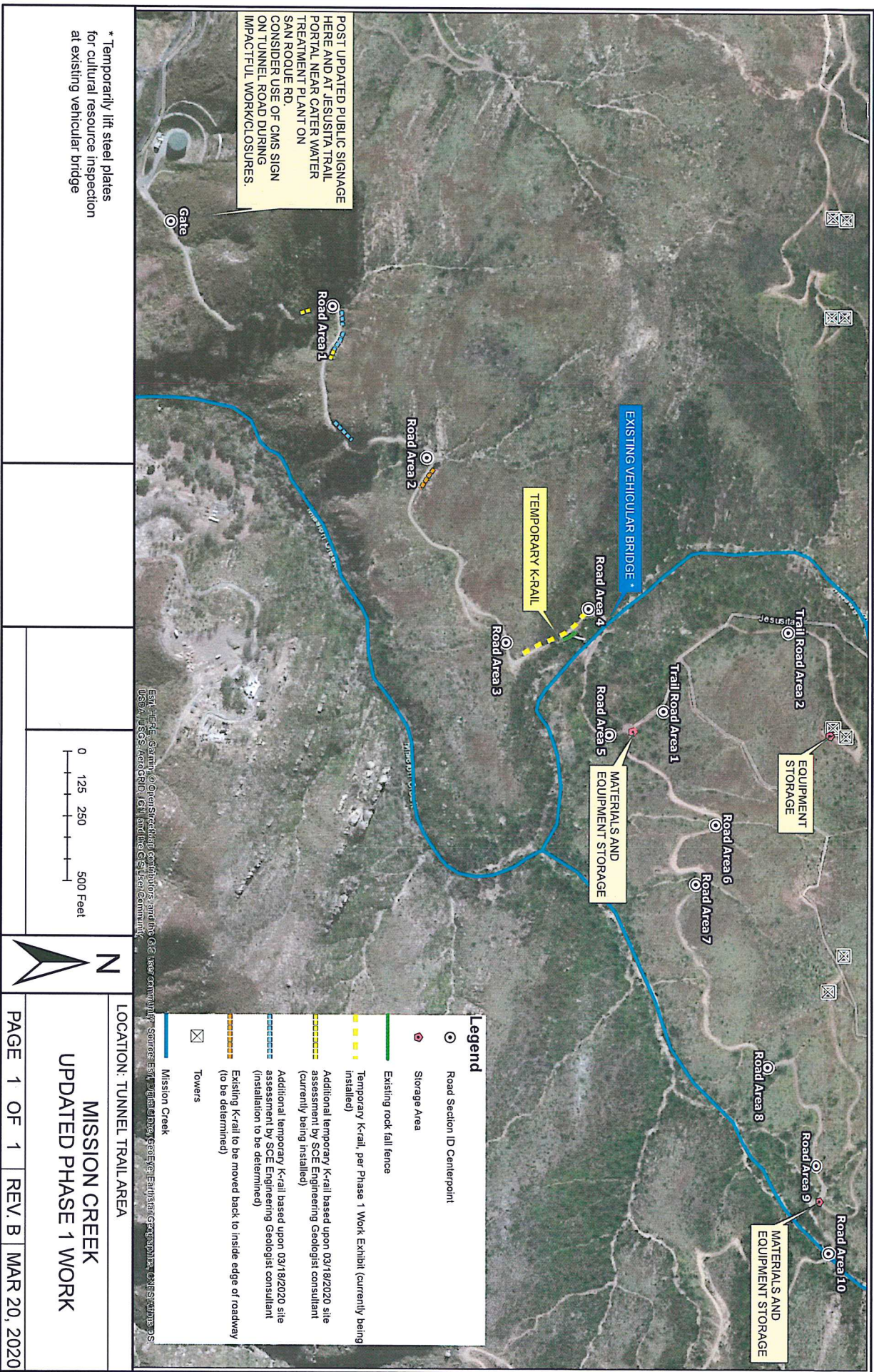
Attachments:

- A. Aerial View of Project Location
- B. Site Plan K-Rail Installation Location
- C. Completed Rockfall Hazard Removal Area

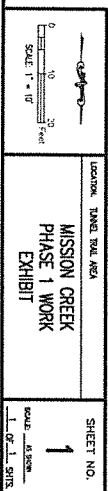
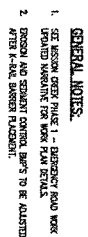
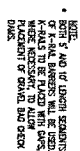
- D. Erosion and Sediment Control Plan (Previous Work)
- E. Erosion and Sediment Control Plan (Upcoming Work)

cc: Supervisor Das Williams, First District
Travis Seawards, P&D Deputy Director
Alex Tuttle, Supervising Planner, P&D
Dave Vyeniolo, Supervising Grading Inspector, B&S
Chris Schmuckal, P&D Planner

A



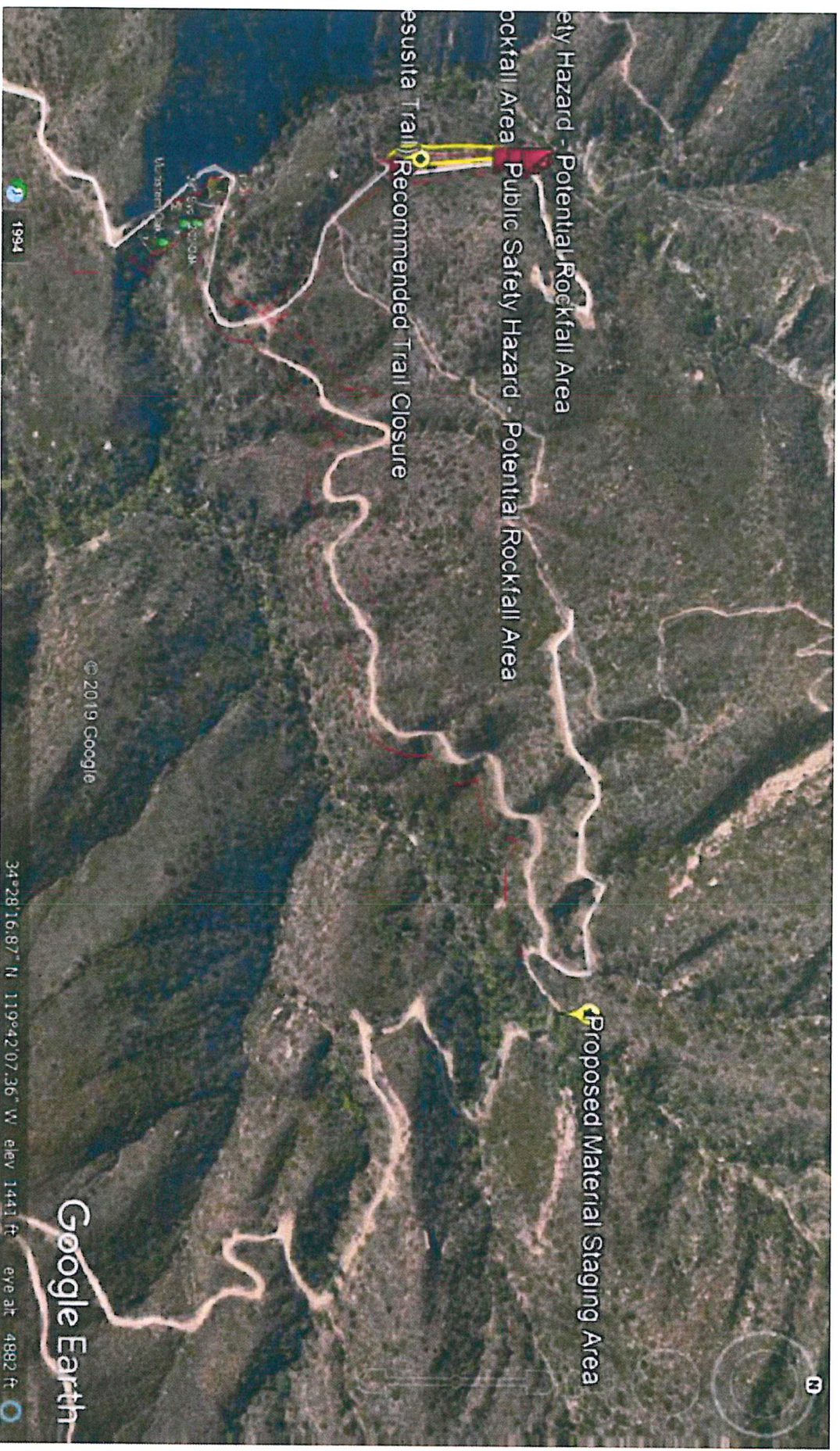




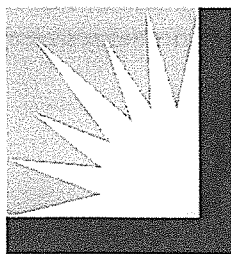


C

Completed Rockfall Hazard Removal Area







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**EROSION AND SEDIMENT CONTROL PLAN (ESCP)
FOR**

Mission Creek_Jesusita Trail Emergency Cleanup Project

Tunnel Trail - Spyglass Ridge Road
Santa Barbara, CA

Prepared By:

Lucy Cortez-Johnson, CPESC, QSD/P, CGP ToR
Southern California Edison
(714) 794-7805
lucy.cortezjohnson@sce.com

Preparation Date: January 2020

Reviewed and Approved By:

Lucy Cortez-Johnson, CPESC, QSD/P, CGP ToR
Southern California Edison
Environmental Services Department

01/30/2020

Signature and Date

Construction Start Date

February 03, 2020

Construction End Date

February 05, 2020

**Mission Creek _ Jesusita Trail Emergency Cleanup Project
Erosion and Sediment Control Plan**

EMERGENCY CONTACT INFORMATION

In the event of a release or threatened release of any quantity of hazardous materials or waste (especially petroleum products), the Contractor will immediately notify the following project contacts:

- Klaus Wojak (626) 862-6750
- SCE-Field Environmental Specialist (FES) at (844) GOT-SPIL.

Mission Creek _Jesusita Trail Emergency Cleanup Project Erosion and Sediment Control Plan

INTRODUCTION

This Erosion and Sediment Control Plan (ESCP) has been developed for the Mission Creek – Jesusita Trail Emergency Cleanup Project located within foothills of Tunnel Trail in Santa Barbara County, California. All activities will remain within existing SCE access roads, hiking/foot trails and right-of-ways (ROW). Activities are anticipated to begin February 03, 2020 and be completed by February 05, 2020. This ESCP has been prepared to remove public safety hazards (e.g. debris, rocks) while protecting water quality by implementing Best Management Practices (BMPs) and corrective actions if BMPs were to fail.

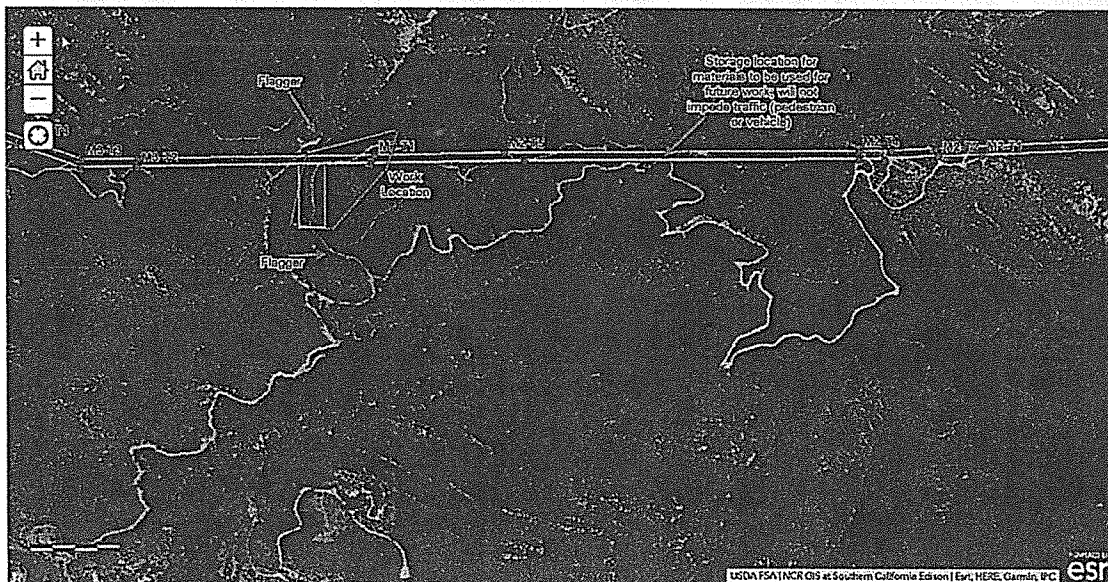
Project Description

This ESCP was developed for the Mission Creek – Jesusita Trail Emergency Cleanup Project. The emergency activities for this project consists of the removal of rock and debris hazards above the Jesusita trail walking trail. Deposited rocks and boulders on the slopes and existing access road shoulders will be removed by mechanical and physical means. No grading disturbing activities are expected for this emergency work. The retrieved materials, rocks and boulders, from the trail slopes will be stockpiled onsite at city approved material storage areas, see Figure 1 for propose location.

The list of activities for the project include:

- Remove rock fall hazard materials from slopes above foot trail
- Stabilize material on outer edges of the access road above foot trail (i.e remove loose material from berm, use loose material to stabilize the road, etc.)
- Implement BMPs at material storage areas and other required areas identified in the field

Figure 1: Vicinity Map



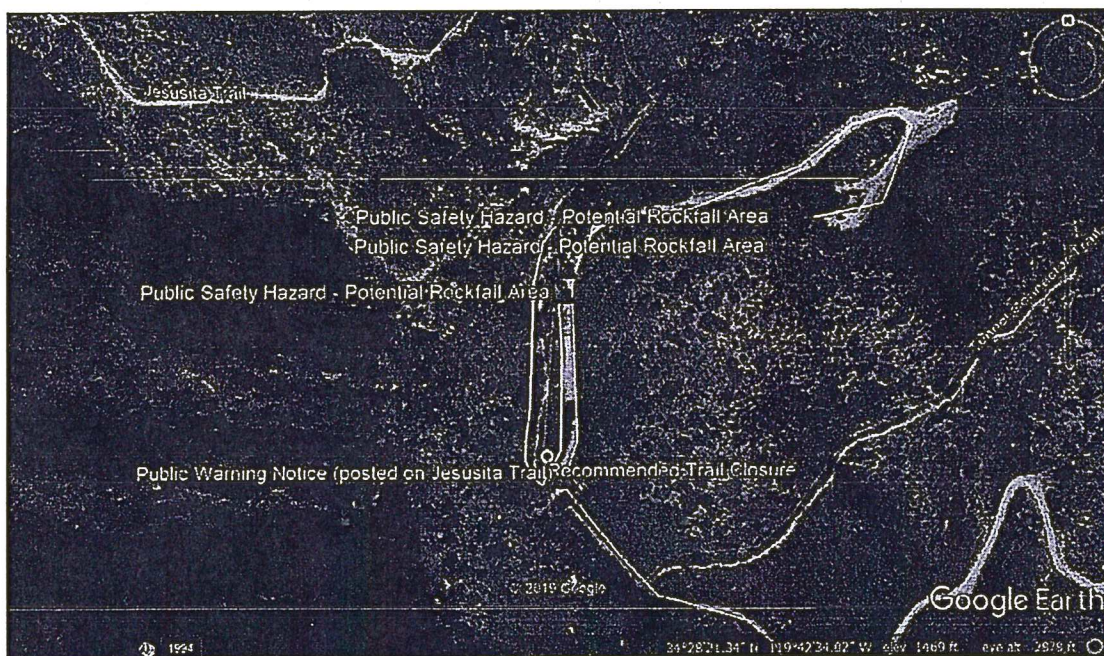
Mission Creek _ Jesusita Trail Emergency Cleanup Project Erosion and Sediment Control Plan

Drainage Features and Geology

The project area serves as a hiking trail open to the public and meanders adjacent to Mission Creek. Mission Creek is the primary drainage along Jesusita Trail that flows south and ultimately discharges into the Pacific Ocean near the Sterns Wharf. Topography within the area consists of extremely steep slopes with dense vegetation. Surface flows in the area will be routed via BMPs around the work areas and allowed to continue through existing flow paths, in necessary. Ground disturbing activities are not proposed, and therefore will not alter any existing drainage features. See Figure 2.

According to the NRCS Web Soil Survey of Santa Barbara County, California, South Coastal Part, the Maymen-Rock outcrop complex, makes up 50 to 75 percent of the slopes (MbH) (USDA, NRCS 1981). MbH primarily consists of excessively drained soils derived from shale and sandstone. A typical soil profile consists of brown gravelly sandy clay loam topsoil to approximately 10 inches. Below this, hard bedrock extends to approximately 15 inches of depth.

Figure 2: Project Area



Potential Pollutant Sources

The major potential pollutant source that will be present during construction of this project is sediment and sediment-laden water. In addition, common construction practices have the potential to cause pollution via processes other than erosion and sedimentation. Pollutants that may be associated with these activities could include petroleum products (gasoline, diesel, lubricating oils, grease).

Mission Creek_Jesusita Trail Emergency Cleanup Project Erosion and Sediment Control Plan

Safety

All efforts will be made to utilize BMPs to control possible construction related pollutants. However, safety will be the governing factor in deciding which BMPs are ultimately installed.

Training

Initial BMP training will be conducted at the tailboard safety meeting and as needed throughout the project.

Mission Creek _ Jesusita Trail Emergency Cleanup Project Erosion and Sediment Control Plan

BEST MANAGEMENT PRACTICES

This section identifies BMPs to be used during construction activities. BMPs are the schedule of activities, prohibitions of practices, maintenance procedures, and other management practices that reduce or eliminate pollutants in storm water discharges and authorized non-storm water discharges. BMPs include treatment requirements, operating procedures and practices to control site runoff, spillage or leaks, waste disposal and drainage from raw material storage. BMP implementation must take into account changing weather conditions, construction activities, and various combinations of BMPs that may be used over the life of the project to maintain compliance with the Clean Water Act. The BMPs specified in this document are the most economical and effective methods to achieve the goal of managing sediment and preventing erosion.

This project will include the following construction activities:

- Good Housekeeping and Pollution Prevention
- Material Staging Area
- Site Access and Track Out
- Final Stabilization

Specific BMP factsheets per the California Stormwater Quality Association (CASQA) Handbook, are provided as applicable for the scope of work. The CASQA BMP fact sheets standardize installation techniques that will be implemented based on the scope of construction activities.

Good Housekeeping and Pollution Prevention

Good Housekeeping and Pollution Prevention will be the most effective way to limit the introduction of pollutants during this project. These BMPs must be implemented during all actions and activities required to complete this project. These BMPs should be considered to be incorporated into all of the additional activities that follow.

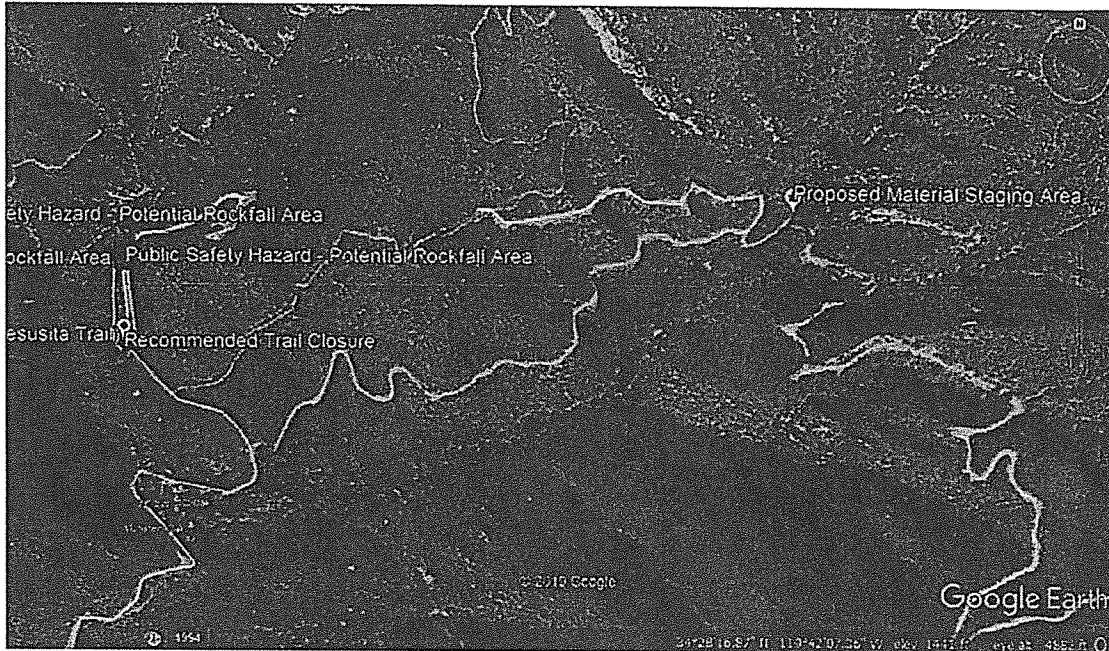
Material Staging Areas

The contractor will be using the existing SCE ROW and trail areas to support this project. The material staging areas has not been established, see Figure 3. The Field storm water inspector will update the areas should additional areas be identified in the field. The material staging areas will be used to store equipment, materials required for the construction of this project, contain portable toilets and store excess material from the activities. Additional activities may include vehicle fueling, rock and debris staging, and material delivery.

Mission Creek_Jesusita Trail Emergency Cleanup Project

Erosion and Sediment Control Plan

Figure 3: Vicinity Map



Soil Disturbing Activities

Ground disturbing activities encompass actions that alter the existing soil surface. In the current or natural state, most soil surfaces are compacted and will resist the forces of water and wind. However, once soil surfaces are disturbed, they are prone to erosion and may cause pollutant releases of sediment into downstream waterbodies. The Project does not anticipate any grading or resurfacing operations.

Site Access and Track Out

Anytime frequent transition from dirt to paved surfaces occurs, there is the potential for soil/construction debris to be tracked onto a paved surface. It is not practical to install a construction entrance/exit at each location, therefore, street sweeping will be utilized if needed.

The Contractor will follow the guidelines below to ensure that paved areas remain sediment free as applicable:

Mission Creek _Jesusita Trail Emergency Cleanup Project Erosion and Sediment Control Plan

Final Stabilization

The project site currently consists of a mixture bare soil, native vegetated surfaces, open space, and gravel rock base surfaces. At the conclusion of the emergency activities, each work area shall be returned to match pre-existing conditions as feasible.

CASQA Fact sheet

BMP ID	CATEGORY
EC-1	Scheduling of Work Activities
EC-4	Hydroseed
EC-16	Non-Vegetative Stabilization
SE-5, SE-6, SE-7	Sediment/Perimeter Control BMPs
WM-1	Material Delivery and Storage
WM-2, WM-3	Soil Material and Stockpile Management
WM-4	Spill prevention and Control
WM-5, WM-6, WM-9	Solid, Hazardous, and Septic Waste Management
NS-9, NS-10	Vehicle & Equipment Maintenance/Fueling
TC-1	Stabilized Construction Entrance/Exit
WE-1	Wind Erosion Control

Mission Creek_Jesusita Trail Emergency Cleanup Project
Erosion and Sediment Control Plan

Mission Creek _Jesusita Trail Emergency Cleanup Project
Erosion and Sediment Control Plan

APPENDIX A: TRAINING LOGS

E



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EROSION AND SEDIMENT CONTROL PLAN (ESCP) FOR

Mission Creek Project – Phase 1

Spyglass Ridge Road and along Mission Creek Trail,
Mission Canyon
Santa Barbara, CA 93105

Prepared By:

Patrick Kuga, CPESC
(805) 403-4824
patrick.kuga@mbakerintl.com

Preparation Date: March 9, 2020

Reviewed and Approved By:

Lucy Cortez-Johnson, QSD/P
Southern California Edison
Environmental Services Department

Lucy Cortez-Johnson

Digitally signed by Lucy Cortez-
Johnson
Date: 2020.03.09 16:58:08 -07'00'

Signature and Date

Construction Start Date

March 16, 2020

Construction End Date

March 27, 2020

EMERGENCY CONTACT INFORMATION

In the event of a release or threatened release of any quantity of hazardous materials or waste (especially petroleum products), the Contractor will immediately notify the following project contacts:

- **Lucy Cortez-Johnson (714) 794-7805**
- **SCE-Field Environmental Specialist (FES) at (844) GOT-SPIL.**

Mission Creek Project – Phase 1 Erosion and Sediment Control Plan

1 INTRODUCTION

This Erosion and Sediment Control Plan (ESCP) has been developed for the Mission Creek Access Road Project located in Santa Barbara, CA. Construction activities are anticipated to begin March 16, 2020 and completed by March 27, 2020. This ESCP has been prepared to prevent potential water quality impacts during construction activities by implementing Best Management Practices (BMPs) and corrective actions if BMPs were to fail.

Project Description

The Mission Creek Project – Phase 1 is located along portions of Spyglass Ridge Road and the Mission Canyon in Mission Canyon, Santa Barbara County, California. The site access coordinates are Latitude: 34.465018, Longitude: -119.712531. The project is located along steep canyon access roads in the Mission Canyon Watershed. Storm water runoff from the project will generally sheet flow to the south west into Mission Creek, which flows south and bends east before discharging into the Pacific Ocean. The existing drainage conditions within the project vicinity will not be modified as a result of the access road work. The land within the project vicinity is primarily existing access roads, some of which are paved.

The main objective of Phase 1 of the Project is to enhance public safety along the rock wall located along Tunnel Road. In addition to the activities outlined in the approved Emergency Application received for the project, SCE is proposing to install temporary k-rail topped with chain link fence on the inner (uphill) side of the access road for approximately 340 feet. The chain link fence will extend from the Road Area 3 to the Road Area 4 location, as shown on Appendix A of this document. Check dams that are currently placed along the road in this area will be removed during placement of the k-rails. K-rails will be placed with gaps, where necessary, to allow check dams to be placed. These measures will reduce the potential for rockfall materials reaching the road surface as well as reduce sediment migration during rain events. Additionally, the chain link fence will provide a barrier for pedestrian safety and deter loitering in the subject area. SCE will maintain 12-foot road width following k-rail placement to the furthest extent practicable.

Detailed Erosion and Sediment Control Drawings (ESCDs) providing the location of required BMPs are located in Appendix A of this Plan.

This ESCP will serve as an interim plan, while a Storm Water Pollution Prevention Plan (SWPPP) is being developed and submitted for permitting by the Central Coast Regional Water Quality Control Board.

Potential Pollutant Sources

The major potential pollutant source that will be present during construction of this project is sediment and sediment-laden water. In addition, common construction practices have the potential to cause pollution via processes other than erosion and sedimentation. Pollutants that may be associated with these activities could include petroleum products, such as gasoline, diesel, lubricating oils, and grease.

Mission Creek Project – Phase 1 Erosion and Sediment Control Plan

Safety

All efforts will be made to utilize BMPs to control possible construction related pollutants. However, safety will be the governing factor in deciding which BMPs are ultimately installed.

Training

Initial BMP training will be conducted at the tailboard safety meeting and as needed throughout the project.

2 BEST MANAGEMENT PRACTICES

This section identifies BMPs to be used during construction activities. BMPs are the schedule of activities, prohibitions of practices, maintenance procedures, and other management practices that reduce or eliminate pollutants in storm water discharges and authorized non-storm water discharges. BMPs include treatment requirements, operating procedures and practices to control site runoff, spillage or leaks, waste disposal and drainage from raw material storage. BMP implementation must consider changing weather conditions, construction activities, and various combinations of BMPs that may be used over the life of the project to maintain compliance with the Clean Water Act. The BMPs specified in this document are the most economical and effective methods to achieve the goal of managing sediment and preventing erosion.

This project will include the following construction activities:

- Good Housekeeping (i.e., trash disposal, material and waste management)
- Material Storage and Equipment Area Controls
- Soil Disturbing Activities
- Site Access and Track Out Controls
- BMP Installation and Application
- BMP Maintenance, Inspection, and Repair

Specific BMP factsheets per the California Stormwater Quality Association (CASQA) Handbook, are provided as applicable for the scope of work. The CASQA BMP factsheets standardize installation techniques that will be implemented based on the scope of construction activities.

Good Housekeeping and Pollution Prevention

Good Housekeeping and Pollution Prevention will be the most effective way to limit the introduction of pollutants during this project. These BMPs must be implemented during all actions and activities required to complete this project. These BMPs should be incorporated into all of the additional activities that follow.

Material and Equipment Storage Areas

At this time, three identified proposed material and equipment storage areas have been identified (refer to Appendix A). All equipment and materials will be temporarily stored within the identified areas. If additional areas are identified the field inspector will update the site maps to reflect additional storage areas. The proposed material storage areas for this project, will be used to store equipment, materials required for the construction of this project, contain portable toilets, and house other materials. Additional activities may include vehicle fueling and material delivery.

Location	Material Storage	Equipment Storage
Near Road Area 5	X	X
Near Road Area 9	X	X
Near M3-T1		X

Mission Creek Project – Phase 1 Erosion and Sediment Control Plan

Soil Disturbing Activities

Ground disturbing activities encompass actions that alter the existing soil surface. In the current or natural state, most soil surfaces are compacted and will resist the forces of water and wind. However, once soil surfaces are disturbed, they are prone to erosion and may cause pollutant releases of sediment into downstream waterbodies. Previously completed grading activities included the construction of a berm made of loose soil and rock along a majority of the project access roads. Because of the steep project terrain, berm construction resulted in sloughing of some rock and sediment along the slopes downstream of the berm. Some sloughed material may be removed as a part of this project, and the removal activity will be performed in a manner that prevents the material from slipping further down the slope. The project must minimize ground disturbance as much as possible to limit pollutant risk. Disturbed soil areas will be returned to match surrounding conditions to the extent possible through a combination of compaction and revegetation.

Site Access and Track Out

Anytime frequent transition from dirt to paved surfaces occurs, there is the potential for soil/construction debris to be tracked onto a paved surface. It is not practical to install a construction entrance/exit at each location; therefore, frequent street sweeping will be required to control possible track out. Refer to CASQA BMP Cut Sheet SE-7.

The Contractor will follow the guidelines below to ensure that paved areas remain sediment free as applicable:

- Limit the number of site access points when possible;
- Inspect all construction access points daily for sediment track out, twice daily;
- Visible sediment tracking shall be swept by hand or with a mechanical sweeper on a daily basis and as necessary during field operations; and
- Utilize dry sweeping methods (i.e. do NOT use water).

BMP Installation and Application (Temporary Stabilization)

Sediment Controls:

- Existing BMPs as identified in Appendix A to remain in place or adjusted under the direction of the QSP to support work activities.
- Check dams and fiber rolls may be installed as necessary during and after construction is completed as determined by the QSP.
- Biodegradable BMPs (burlap-wrapped) will be used in place of plastic at all times.
- Should the stormwater containment area near the bridge reach capacity, water will be pumped and removed to prevent sediment laden discharges to the creek.

Erosion Controls - Temporary Stabilization:

- Hydraulic Mulch will be applied to pre-determined disturbed areas at a 3,000 lbs/acre of wood fiber hydraulic mulch to disturbed soils for temporary stabilization. EarthGuard Fiber Matrix has been selected as the preferred Hydraulic Mulch for this project and the specification sheet can be found in the

Mission Creek Project – Phase 1 Erosion and Sediment Control Plan

ESCP. Overspray onto vegetation will be avoided. Hydraulic Mulch application will primarily occur on the berms and adjacent slopes, but not on the road.

- Hydraulic Mulch will have no plastic in the mulch or invasive seeds/plant material in mulch.
- Erosion Control Blankets shall be re-secured where previously installed on outer (downhill) road edge/bermed areas.

CASQA BMP Factsheets

BMP ID	CATEGORY
EC-1	Scheduling of Work Activities
EC-2	Preservation of Existing Surfaces and Vegetation
EC-3	Hydraulic Mulch
EC-7	Geotextiles and Mats
SE-4, SE-5	Sediment Control BMPs
SE-7	Street Sweeping & Vacuuming
WE-1	Wind Erosion Control
WM-1	Material Delivery and Storage
WM-2, WM-3	Soil Material and Stockpile Management
WM-4	Spill prevention and Control
WM-5, WM-6, WM-9	Solid, Hazardous, and Septic Waste Management
NS-9, NS-10	Vehicle & Equipment Maintenance/Fueling

BMP Maintenance, Inspection, and Repair

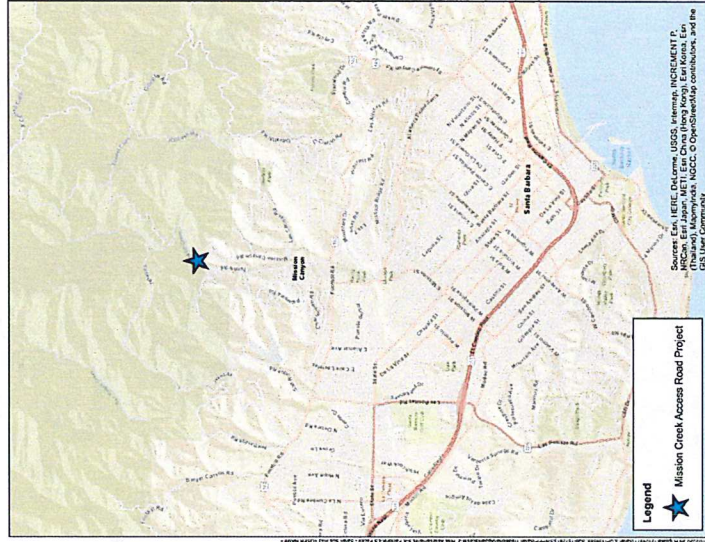
BMP inspections will be conducted to confirm BMPs are being properly installed and maintained.

- BMP inspections will be conducted to confirm BMPs are being properly installed and maintained.
 - A QSP monitor be on site daily during construction
 - A weekly report documenting activity will be completed
- The following maintenance tasks shall be performed on an as-needed basis:
 - Removal of sediment from barriers and perimeter controls;
 - Replacement or repair of worn or damaged silt fence fabrics or fiber rolls;
 - Emptying/maintenance of waste containers;
 - Soil/stockpile material management;
 - Sweeping to ensure track-out does not occur; and
 - Other BMP maintenance as defined in each fact sheet.
- A field QSP will be onsite daily to conduct daily visual inspections during all field activities for Phase 1.
- Weekly inspections will continue thereafter for the life of the project

APPENDIX A: ESCP MAPS

EROSION AND SEDIMENT CONTROL DRAWINGS (ESCDs) FOR SOUTHERN CALIFORNIA EDISON MISSION CANYON ACCESS ROAD PROJECT SANTA BARBARA COUNTY, CA

PREPARED BY MICHAEL BAKER INTERNATIONAL



Mission Creek Access Road Project
Vicinity Map

SHEET INDEX	
SHEET NO.	DESCRIPTION
ESCD-1	TITLE SHEET AND EROSION & SEDIMENT CONTROL PLAN
ESCD-2	OVERVIEW MAP
ESCD-3	WORK EXHIBIT
ESCD-4	ESCP EXISTING BMP SITE MAP

LEGEND	
BEST MANAGEMENT PRACTICES (BMPs) California Stormwater Quality Association (CSQA) National Engineering Council for the Construction Industry (NECCI) National Sanitation Foundation Water Quality Institute (NSFQI) National Stormwater Management Association (NSMA) National Sanitation Foundation Water Quality Institute (NSFQI)	
SYMBOL	EXPLANATION
ES-1	SCHEDULING
ES-2	PRESERVATION OF EXISTING VEGETATION
ES-3	HYDRAULIC MULCH
ES-4	GEOTEXTILES & MATS
ES-5	CHECK DAM
ES-6	FIBER ROLLS
ES-7	STREET SHEETING AND VOLUMING
ES-8	WIND EROSION CONTROL
ES-9	MATERIAL DELIVERY AND STORAGE
ES-10	MATERIAL USE
ES-11	STOOPPILE MANAGEMENT
ES-12	SPILL PREVENTION AND CONTROL
ES-13	SOLID WASTE MANAGEMENT
ES-14	SANITARY/SEPTIC WASTE MANAGEMENT
ES-15	VEHICLE AND EQUIPMENT FUELING
ES-16	VEHICLE AND EQUIPMENT MAINTENANCE
ES-17	DIRECTION OF FLOWS
ES-18	PROPOSED K-RAIL
ES-19	CHECK DAM (SE-4)
ES-20	FIBER ROLL (SE-5)
ES-21	EROSION CONTROL BLANKET (ES-7) AND HYDRAULIC MULCH (ES-3)
ES-22	TRAILER
ES-23	CONCRETE WASHOUT
ES-24	VEHICLE & EQUIPMENT MAINTENANCE/STAGING AREA
ES-25	MATERIAL STORAGE
ES-26	STOOPPILE AREA
ES-27	CONSTRUCTION WASTE STORAGE
ES-28	PORTABLE TOILET

* LOCATION TO BE SHOWN BY CONTRACTOR DURING CONSTRUCTION

EROSION AND SEDIMENT CONTROL NOTES

1. BMPs AS SHOWN HEREIN, SHALL BE INSTALLED FOR THE CSQA BMP FACT SHEETS INCLUDED WITH THESE PLANS.
2. THE INFORMATION ON THESE DRAWINGS IS BASED ON THE INFORMATION PROVIDED BY THE OWNER AND THE INFORMATION SHOWN ON THE APPROVED CONSTRUCTION PLAN, IF APPLICABLE, AND THE INFORMATION SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN.
3. THE INFORMATION ON THESE DRAWINGS IS BASED ON THE INFORMATION PROVIDED BY THE OWNER AND THE INFORMATION SHOWN ON THE APPROVED CONSTRUCTION PLAN, IF APPLICABLE, AND THE INFORMATION SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN.
4. THE INFORMATION ON THESE DRAWINGS IS BASED ON THE INFORMATION PROVIDED BY THE OWNER AND THE INFORMATION SHOWN ON THE APPROVED CONSTRUCTION PLAN, IF APPLICABLE, AND THE INFORMATION SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN.
5. ALL DISTURBED AREAS MUST HAVE EROSION CONTROLS APPLIED WITHIN 14 DAYS OF INACTIVITY. ADDITIONALLY, UPON COMPLETION OF CONSTRUCTION ACTIVITIES, DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED.
6. ALL SPILLS SHALL BE REPORTED IMMEDIATELY TO THE EXTENT THAT THE SPILL CAN BE IDENTIFIED. IF A SPILL IS IDENTIFIED, THE CONTRACTOR SHALL IMMEDIATELY STOP ALL WORK IN THE AREA OF THE SPILL, AND SHALL IMMEDIATELY NOTIFY THE PROJECT ENGINEER AND THE LOCAL AGENCIES (SANTA BARBARA COUNTY, CALIFORNIA DEPARTMENT OF PUBLIC WORKS, AND THE CALIFORNIA DEPARTMENT OF WATER RESOURCES) OF THE SPILL. THE CONTRACTOR SHALL IMMEDIATELY STOP ALL WORK IN THE AREA OF THE SPILL, AND SHALL IMMEDIATELY NOTIFY THE PROJECT ENGINEER AND THE LOCAL AGENCIES (SANTA BARBARA COUNTY, CALIFORNIA DEPARTMENT OF PUBLIC WORKS, AND THE CALIFORNIA DEPARTMENT OF WATER RESOURCES) OF THE SPILL.
7. SHOULD REQUIREMENTS BE ENCOUNTERED DURING EXCAVATION, CONTACT THE PREPARED PRIOR TO THE EXCAVATION. IF A SPILL IS IDENTIFIED, THE CONTRACTOR SHALL IMMEDIATELY STOP ALL WORK IN THE AREA OF THE SPILL, AND SHALL IMMEDIATELY NOTIFY THE PROJECT ENGINEER AND THE LOCAL AGENCIES (SANTA BARBARA COUNTY, CALIFORNIA DEPARTMENT OF PUBLIC WORKS, AND THE CALIFORNIA DEPARTMENT OF WATER RESOURCES) OF THE SPILL.
8. SHOULD REQUIREMENTS BE ENCOUNTERED DURING EXCAVATION, CONTACT THE PREPARED PRIOR TO THE EXCAVATION. IF A SPILL IS IDENTIFIED, THE CONTRACTOR SHALL IMMEDIATELY STOP ALL WORK IN THE AREA OF THE SPILL, AND SHALL IMMEDIATELY NOTIFY THE PROJECT ENGINEER AND THE LOCAL AGENCIES (SANTA BARBARA COUNTY, CALIFORNIA DEPARTMENT OF PUBLIC WORKS, AND THE CALIFORNIA DEPARTMENT OF WATER RESOURCES) OF THE SPILL.
9. THE CONTRACTOR SHALL ENSURE THAT ALL PAVED ROADWAYS UTILIZED BY CONSTRUCTION TRAFFIC ARE SHEET AND CLEANED, AS NEEDED, PER CSQA BMP FACT SHEET SE-7.
10. CONSTRUCTION SHALL BE CONSIDERED COMPLETE ONCE ALL DISTURBED AREAS HAVE BEEN STABILIZED WITH APPROPRIATE SURFACES AND ALL CONSTRUCTION-RELATED MATERIALS HAVE BEEN REMOVED FROM THE SITE.

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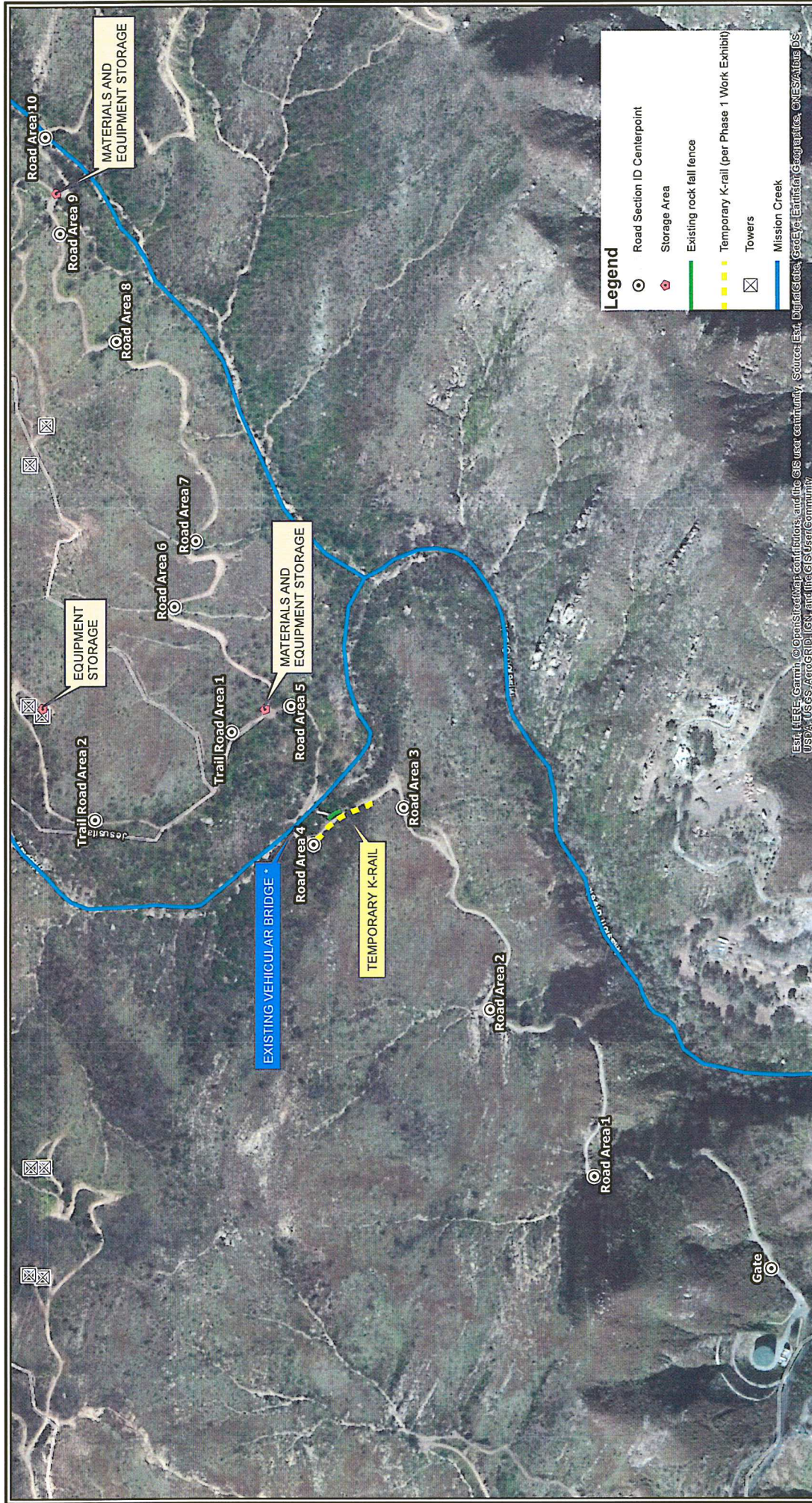
SOUTHERN CALIFORNIA EDISON
An EDISON INTERNATIONAL Company

MISSION CREEK ACCESS ROAD PROJECT
TITLE SHEET AND
EROSION & SEDIMENT CONTROL NOTES

LOCATION: SANTA BARBARA COUNTY, CA
MISSION CREEK ACCESS ROAD PROJECT
TITLE SHEET AND
EROSION & SEDIMENT CONTROL NOTES

PROJECT MANAGER: _____ DATE: _____

SHEET 1 OF 4 SHEETS
FILE NO.: _____



<p>* Temporarily lift steel plates for cultural resource inspection at existing vehicular bridge</p>			<p>0 125 250 500 Feet</p>	<p>LOCATION: TUNNEL TRAIL AREA</p> <p>MISSION CREEK</p> <p>UPDATED PHASE 1 WORK</p> <p>PAGE 2 OF 4 REV. A MAR 9, 2020</p>

