

# Exhibit I

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***Pacific Gas and  
Electric Company***<sup>®</sup>

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## **CONSTRUCTION MANAGEMENT PLAN**

**Elkhorn Battery Energy Storage System Project  
Highway 1 and Dolan Road  
Moss Landing, CA 95039**

### **CONTACTS**

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### **CONSTRUCTION VEHICLES**

Anticipated construction vehicles will consist of dump trucks, delivery trucks, concrete trucks, compactors, cranes, excavators/backhoes, forklifts/gradalls, fuel/maintenance trucks, man lifts, motor graders, transport vehicle/buggies, trench compactors, and water trucks. On average, the project will require 11 vehicles trips per week. Additional detail is provided in the attached Traffic Management Plan.

### **GRADING ACTIVITY**

During grading activity, there may be up to 175 cubic yards of earth work per day.

### **HOURS OF OPERATION**

PG&E construction crews will work 10 hours per day, 5 days per week, 7 a.m. to 5 p.m. The Tesla construction crew may work from 30 minutes after sunrise to 30 minutes before sunset. No nighttime construction is anticipated; however, weekend work will occur to support clearances that reduce risks to the electrical system.

## **PROJECT SCHEDULING**

Construction is scheduled to start on May 1, 2019 and continue through June, 2021. Civil construction will occur during the winter months only as needed.

## **REDUCTION OF POTENTIAL IMPACTS**

PG&E will update and implement the Best Management Practices (BMPs) and dust control measures in the project-specific Stormwater Pollution Prevention Plan (WDID #3 27C362148) and implement PG&E's standard Water Quality Construction BMPs.

In addition, construction crews will implement the Applicant-Proposed Measures described in Section 1.4 of the Applicant Prepared Environmental Assessment to ensure crew and public safety and to avoid or further minimize potential project-related impacts.

## **MATERIAL AND EQUIPMENT STAGING**

Materials and equipment will be staged in the existing substation. Vehicles will be parked on site in designated parking areas.

## **CONSTRUCTION TRAFFIC**

All construction vehicles, trucking deliveries, and off-haul traffic will access the project site using the main Moss Landing Power Plant and substation entrance gate located on Dolan Road, approximately 0.25 miles east of the Highway 1 and Dolan Road intersection. Please see the attached Traffic Management Plan for additional detail.

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*Elkhorn Battery Energy Storage System Project*

# **Traffic Management Plan**

Submitted to  
**Monterey County**

November 2018

Prepared by  
**Pacific Gas and Electric Company**

## **1.0 INTRODUCTION**

This Traffic Management Plan was prepared following Pacific Gas & Electric's (PG&E's) discussion with the Development Review Committee (DRC) on August 14, 2018 for the PG&E Elkhorn Battery Energy Storage Project. Per the September 25, 2018 Post-DCR Application Cover Letter that followed the DCR meeting<sup>1</sup>, the following is required:

*“RMA-Public Works: Please provide a traffic management plan as discussed during the DRC meeting when submitting your materials for review.”*

## **2.0 PROJECT INFORMATION**

### **2.1 Location**

The project is located at Moss Landing Substation near the intersection of Highway 1 and Dolan Road in Moss Landing, California. The main site entrance gate is located approximately 0.25 miles east of the intersection on Dolan Road. All project construction activities will be located on PG&E-owned property.

### **2.2 Hours of Construction**

Construction is scheduled to start on May 1, 2019, continuing through December 31, 2020. Civil construction will occur during the winter months only as needed. PG&E construction crews will work 10 hours per day, 5 days per week, 7 a.m. to 5 p.m. Tesla construction crew may work from 30 minutes after sunrise to 30 minutes before sunset. No nighttime construction is anticipated; however, weekend work will occur to support clearances that reduce risks to the electrical system.

## **3.0 TRAFFIC IMPACTS**

### **3.1 Truck Staging Areas**

The two designated truck staging/storage areas will be located within the graveled substation away from public view and will not impact traffic or signage.

### **3.2 Acceptable Vehicle Speeds**

PG&E staff and contractors will follow posted vehicle speeds on project roadways. Vehicle speeds will be limited to safe levels as appropriate for all roads. Construction speed at the work site will be limited to 15 miles per hour or less as posted within the substation property.

### **3.3 Vehicle Trips and Truck Routes**

Traffic during construction will increase due to frequent material deliveries, including aggregate base rock, concrete, battery packs, pad mounted transformers, and miscellaneous construction materials.

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<sup>1</sup> Hussain, Yasmeen, Associate Planner, Monterey County Resource Management Agency - Planning. “PLN180371–PG&E (TRC Solutions) - Post DRC Application.” Received by Kathleen Cooney, TRC Solutions, via email on September 25, 2018.

The project will also include the off-haul of materials, including soils from excavation. Estimated quantities for each category are listed in Table 1 below, along with estimated frequency rates for each.

**Table 1: Quantity and Frequency of Deliveries and Off-Haul Materials**

<b>Material</b>	<b>Quantity (cubic yards)</b>	<b>Approximate Total Loads</b>	<b>Frequency (trips/day)</b>
Stone hauled in	3,450	173	15
Concrete hauled in	340	43	8
Battery packs	268	268	6
Pad mount transformers	67	22	4
Rebar hauled in	6	6	1
Breakers	3	1	1
Steel	2	2	1
Switches	1	1	1
CCTVs	1	1	1
Station service	1	1	1
Switchgear	3	3	1
Conduits and grounds	1	1	1
Insulators	1	1	1
Bill of materials	5	5	2
LV cables	20	5	2
MV cables	18	6	1
Soils off hauled	4,400	440	15

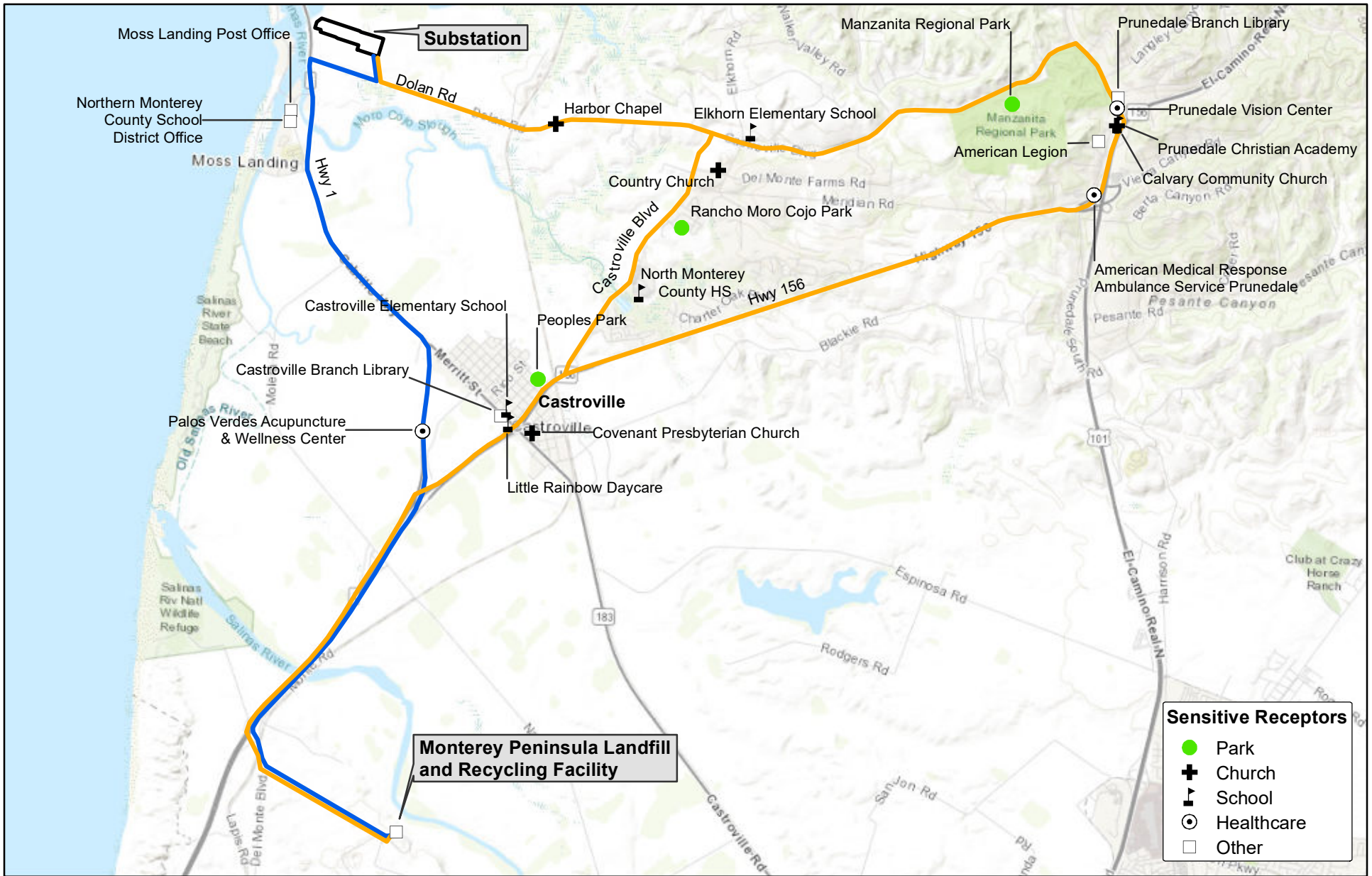
All trucking deliveries and off-haul traffic will use the Dolan Road gate, located on Dolan Road, approximately 0.25 miles east of the Highway 1 and Dolan Road intersection. No negative traffic impacts are anticipated on Dolan Road as the substation site has ample staging areas, thereby eliminating the need for staging on Dolan Road. To minimize traffic at the intersection of Highway 1 and Dolan Road, exiting trucks will be routed east to either Castroville Boulevard or Highway 101 when hauling soils to the Monterey Peninsula Landfill and Recycling Facility in Marina, California. The return route from the landfill will be north on Highway 1 to Dolan Road, with minimal impact to traffic while turning east (right turn) onto Dolan Road.

The Highway 1 and Dolan Road intersection currently operates at a failed Level of Service during peak hours of traffic; therefore, additional trips through this intersection would be considered significant

during peak hours. Truck trips will be scheduled during non-peak hours and spread throughout the day to avoid construction-related peak-hour trips.

The attached Haul Route map illustrates the project vicinity, proposed route for hauling material, and locations of sensitive receptors (schools, hospitals, etc.) along the haul route. Project stockpiles and parking for construction vehicles will be located within Moss Landing Substation. No sensitive areas (tree protection zones, drainage, habitat, slopes, etc.) are located within the substation.





**Haul Route**

- Route Back To Substation
- Route From Substation

**Elkhorn Battery Energy Storage System Project**



11/20/2018

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