

SHEPHERD SUBSTATION PROJECT

Minor Project Change Request Form



Proposed Minor Project Change Type:	Request #:
Minor Project Modification (MPM)	6

Part A: Proposed Minor Project Change Summary			
Date Submitted:	Requested Approval Date:	Start Date:	Expected End Date:
5/12/2015	6/12/2015	6/12/2015	12/31/2015
Submitted by:	Organization and Title:	Duration and Work Hours:	
Brooke Langle	Terra Verde, Environmental Compliance Supervisor	Construction would occur during permitted project work hours: 6am – 9pm Mon-Fri; 7am – 5pm Sat-Sun	
Contact Information:			
[REDACTED]			
Location(s): <i>(Describe applicable location(s), address, and/or dimensions)</i>			
<p>The proposed action is located at the western terminus of the western distribution circuit. The approximately 12-foot by 11-foot area required is located on the north side of Shepherd Avenue, directly across from the intersection of North Preuss Avenue and Shepherd Avenue. The location is within a 20-foot by 20-foot acquired easement, partially within the Fresno County public utility franchise area and a private property.</p>			
Proposed Action(s): <i>(List and describe each proposed action)</i>			
<p>PG&E has proposed the installation of an aboveground capacitor. The installation of the capacitor requires the construction of a concrete pad, the aboveground capacitor, and 12 barrier posts. The barrier posts are for safety, and will have high-visibility reflective markings. Several of the barrier posts will be removable to allow access; however, the concrete footings for all of the posts and the remainder of the capacitor structures will be permanent. The dimensions of each capacitor component are as follows:</p> <ul style="list-style-type: none"> • Total area: 130" x 144" • Concrete pad: 72" x 82" x 6" D • Capacitor box: 68" x 78" x 65" H • Barrier posts: 48" - 50" tall with 2" x 12" reflective strips • Distance to Shepherd Avenue road shoulder (edge of pavement): approximately 12.5 feet • Distance to moving traffic (edge of traffic lane): approximately 16 feet <p>Construction would require temporary traffic control measures in accordance with the existing traffic plan. The capacitor box would be the most visible structure. It will be green or a similar neutral color. PG&E proposes to maximize the distance between traffic and the capacitor bank by locating it as far north as possible.</p>			

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Purpose(s): <i>(Explain why the proposed action(s) are necessary)</i>
The installation of a capacitor bank is a necessary as a component of the new underground electrical circuit. The proposed design is a utility line standard for capacitor banks. Capacitor banks must be added to electric circuits in large load areas and are necessary in reducing load, increasing voltage, and correcting power factor. Due to the nature of the location directly adjacent to a public road, it is necessary to designate the capacitor barrier posts with high visibility markings.

Part B: Existing Conditions
Current and Adjacent Land Use(s):
The proposed capacitor and all associated components fall partially within the project footprint of the existing public utility franchise area. A small portion of the area required is located within a permanent easement acquired from the current landowner, P&R Farms. To the south, the location directly abuts Shepherd Avenue, a Fresno County public road. Across Shepherd Avenue to the south is a residential neighborhood. Immediately adjoining the location to the north is an almond orchard bordered by additional agricultural land; on the north side, one residence is located at 500 feet to the northeast.

Has landowner approval been granted? <i>(Describe below)</i>	Landowner:	Date of Approval:	Approval Verified by:
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Fresno County P&R Farms	12/15/2014	Galen Raymond, Chris Howard

All landowners affected by this request were notified of planned distribution work as a part of MPM #4 on October 16, 2014. No new landowners are affected by this request. Since that time, one permanent easement necessary for the structure has been acquired.

Surveys <i>(List any new survey reports under Part D, attach a copy, and describe relevant survey details under the applicable resource category listed in the Part E)</i>			
Biological Resources. Were all sites associated with the proposed action(s) surveyed for biological resources with the potential to occur in the area? If so, were survey results positive or negative? Were surveys completed during the appropriate timing and season to detect resources? <i>(If not, describe under the applicable resource category in Part E)</i>	<input checked="" type="checkbox"/> Previously Surveyed	<input type="checkbox"/> Positive	
	<input type="checkbox"/> Survey Attached	<input checked="" type="checkbox"/> Negative	
	<input type="checkbox"/> N/A		
Cultural Resources. Were all sites associated with the proposed	<input checked="" type="checkbox"/> Previously Surveyed	<input type="checkbox"/> Positive	

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action(s) surveyed for cultural resources (records search and pedestrian survey)? If so, were survey results positive or negative?	<input type="checkbox"/> Survey Attached	<input checked="" type="checkbox"/> Negative
	<input type="checkbox"/> N/A	
Hydrology. Were all sites associated with the proposed action(s) surveyed for hydrologic resources? If so, were survey results positive or negative?	<input checked="" type="checkbox"/> Previously Surveyed	<input type="checkbox"/> Positive
	<input type="checkbox"/> Survey Attached	<input checked="" type="checkbox"/> Negative
	<input type="checkbox"/> N/A	

Part C: Permits, Agency Approvals, and Environmental Protection Measures (EPMs) <i>(List any new permits or agency approvals under Part D, attach a copy, and describe relevant details under the applicable resource category listed in Part E)</i>		
Have all required permits, permit amendments/authorizations, or agency approvals been issued by resource agencies with applicable jurisdiction?	<input checked="" type="checkbox"/> Previously Provided	
	<input type="checkbox"/> Authorization Attached	
	<input type="checkbox"/> N/A	
Would the proposed action(s) conflict with permit conditions or agency approvals?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Would the proposed action(s) conflict with project applicant proposed measures, avoidance and minimization measures, or mitigation measures listed in the Initial Study/Mitigated Negative Declaration (IS/MND)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Part D: Attached Materials: <i>(e.g., surveys, maps, photos, memos, agency authorizations, etc.)</i>
Attachment A: Figures
Attachment B: Representative Photos

Part E: IS/MND Consistency				
Impact Question	No Change	De Minimis Change	Potentially Significant Change	N/A
Would the Proposed Action Result in a New Impact, or Increase the Severity of an Impact Previously Analyzed in the IS/MND? Provide information on any new impacts or additional impacts. <i>(Refer to the IS/MND for the details on the project impact evaluation.)</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Species-specific biological surveys including work areas included in this proposal have been conducted throughout construction of the distribution component. Preconstruction and ongoing surveys have not identified any sensitive resources to date. In accordance with San Joaquin Valley HCP and applicant proposed mitigation measures, surveys and monitoring for sensitive resources are planned to continue				

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Part E: IS/MND Consistency				
Impact Question	No Change	<i>De Minimis</i> Change	Potentially Significant Change	N/A
<p>through completion of the capacitor installation.</p> <p>The capacitor is expected to be consistent with the general level of urban development in the project area and would not result in a substantial change to the existing visual setting, which currently includes residential development, orchards, public roads, and utility infrastructure. Existing landscaping in the median of Shepherd Avenue will partially shield the capacitor from the view of motorists on eastbound Shepherd Avenue and Preuss Avenue.</p>				

Attachment A – Figures

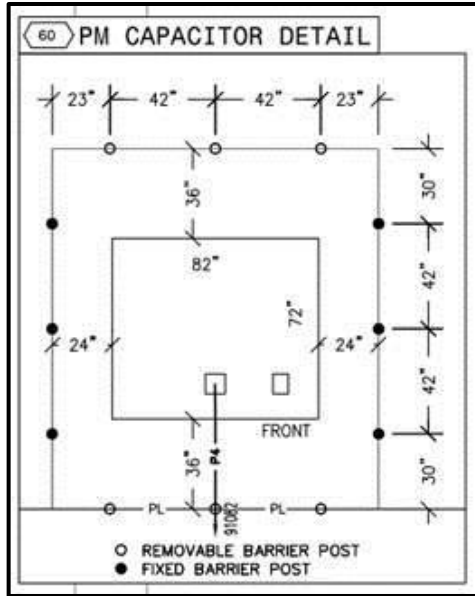


Figure 1. Capacitor detail.

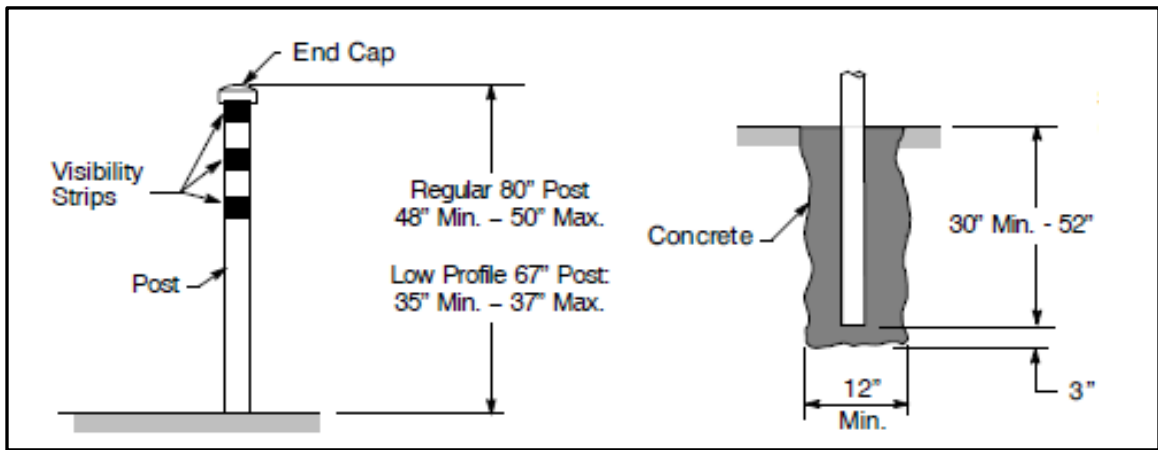


Figure 2. Barrier post detail.



Figure 3. Representative image of capacitor bank without barrier posts.



Figure 4. Representative image of capacitor bank.

Attachment A – Figures



Figure 5. Representative image of capacitor bank.

Attachment B – Representative Photos



Photo 1. View west of proposed capacitor location from Shepherd Avenue median, wood pole in view will be removed (May 9, 2015).



Photo 2. View east of proposed capacitor location from Shepherd Avenue median, wood pole in view will be removed (May 9, 2015).

Attachment B – Representative Photos



Photo 3. View north of capacitor location from intersection of North Preuss Avenue and Shepherd Avenue, wood pole in view will be removed (May 9, 2015).