SHEPHERD SUBSTATION PROJECT
Minor Project Change Request Form

Proposed Minor Project Change Type:	Request #:
Minor Project Modification (MPM)	5

Part A: Proposed Minor Project Change Summary			
Date Submitted:	**Requested Approval Date:**	**Start Date:**	**Expected End Date:**
12/23/2014	2/1/2015	2/1/2015	12/31/2016
Submitted by:	**Organization and Title:**	**Duration and Work Hours:**	
Brooke Langle	Terra Verde, Environmental Compliance Supervisor	Use would occur throughout the project duration.	
Contact Information:			
blangle@terraverdeweb.com, (805) 896-5479			
Location(s): *(Describe applicable location(s), address, and/or dimensions)*			
A 25-foot x 100-foot area spanning a portion of Fresno County roadway and an abutting 15-foot x 100-foot portion of private property owned by Jim and Barbara McKoane at an undeveloped location west of North Sunnyside Avenue at the intersection of Perrin Road, California (APN 556-040-23S). A 30-foot x 60-foot area spanning a portion of North Sunnyside Avenue and adjacent private drive.			
Proposed Action(s): *(List and describe each proposed action)*			
1)PG&E requires the use of two additional pull and tension sites (PTS), located nearly entirely on the paved road portion and disturbed road shoulders of North Sunnyside Avenue, near proposed tubular steel pole (TSP) 1/17. The dimensions of the large PTS will be 40 feet by 100 feet. The westerly 15 feet fall within private property (McKoane; APN 556-040-23S). A significant portion of the total workspace for this PTS falls within the currently approved 50-foot project workspace, thus, PG&E is requesting to utilize the space that is beyond the permitted area. The dimensions of the smaller PTS will be 30 feet by 60 feet. Activities within the smaller PTS will be conducted entirely on the road and road shoulder. This PTS also falls almost entirely with the current 50-foot workspace. Road and/or lane closures on North Sunnyside and/or Perrin Road would be accompanied by the necessary traffic plans and submitted ahead of activity; all necessary land rights have been acquired. In summary, these two proposed PTS would result in 2,400 square feet of new temporary disturbance outside of the currently permitted workspace. The installation of gravel, rock, or similar all-weather material (e.g., steel plates and rubber mats) may be necessary to stabilize the westerly edge of the larger PTS (i.e., those portions falling on private property and road shoulder). At this time, applying a base is not required; however, PG&E is requesting the approval to install this material should weather conditions and/or equipment weight require it. If a base is installed, a fabric liner will be installed prior to material application to assist with removal; imported material will not be left onsite.			

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The installation of base material is anticipated to take 2-3 days, totaling an estimated increase of 4 dump truck trips delivering approximately 40 cubic yards of material. Removal would require the same level of effort. The existing "T-post" and barbed wire fence would be removed along the 100-foot section of the larger PTS and replaced at the conclusion of activity. The rock and fabric placement is a newly proposed activity at this location. 2) One additional splice box (approximately 5.5 by 9.5 by 7 feet deep) will be necessary along the northern distribution line, corresponding with existing underground facilities and within 50 feet of new TSP 1/17 (as mapped). The box will be installed with the lid at ground surface. The box location is approximate; however, it will be set in the County franchise area. In summary, this proposed activity would result in one new permanent structure beyond currently described project components.
Purpose(s): *(Explain why the proposed action(s) are necessary)*
1) The previously permitted location of the southern project PTS (transmission line component), located at the northeast corner of the substation lot, is no longer a safe and feasible location to conduct pull and tension activities. The location of adjacent overhead power lines, specifically the re-routed location of the 12 kV project shoo-fly line and associated poles, do not provide sufficient clearance from the conductor sag and tensioning anticipated during wire stringing. Adjusting the location of the PTS northward to the proposed location situates the equipment beyond the conflicting power lines and avoids many potential safety hazards. The installation of an all-weather material, if required, will facilitate equipment operation over loosely tilled and/or wet soils. 2) The purpose of the additional splice box is to accommodate the transfer of three 3-inch underground conduits (currently poured in TSP 1/17) to one 6-inch conduit (currently trenched underground from the substation).

Part B: Existing Conditions			
Current and Adjacent Land Use(s):			
Existing land uses vary around the southern end of the transmission line alignment but are typically associated with a rural or low-density residential and agricultural character. The land immediately north and west of the proposed PTS is undeveloped, and further north is a Fresno Metropolitan Flood Control District water retention/infiltration basin. During the project planning and preconstruction phase (November 2013) the subject private parcel was designated as California annual grasslands and open land. Since that time the land has been intermittently disturbed through tilling and has fluctuated between natural and ruderal land cover types per the San Joaquin Valley Habitat Conservation Plan.			
Has landowner approval been granted? *(Describe below)*	**Landowner:**	**Date of Approval:**	**Approval Verified by:**

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☒ Yes	☐ No	☐ N/A	McKoane	12/19/2014	Galen Raymond, Chris Howard
PG&E has secured landowner approval through a right of entry easement. Per Land Use and Planning and Noise Mitigation Measures, no new landowners will be affected by the planned use of the PTSs.					

Surveys *(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)*		
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? (*If not, describe under the applicable resource category in Part E)*	☒ Previously Surveyed ☐ Survey Attached	☐ Positive ☒ Negative
	☐ N/A	
Cultural Resources. Were all sites associated with the proposed action(s) surveyed for cultural resources (records search and pedestrian survey)? If so, were survey results positive or negative?	☒ Previously Surveyed ☐ Survey Attached	☐ Positive ☒ Negative
	☐ N/A	
Hydrology. Were all sites associated with the proposed action(s) surveyed for hydrologic resources? If so, were survey results positive or negative?	☒ Previously Surveyed ☐ Survey Attached	☐ Positive ☒ Negative
	☐ N/A	

Part C: Permits, Agency Approvals, and Environmental Protection Measures (EPMs) *(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)*		
Have all required permits, permit amendments/authorizations, or agency approvals been issued by resource agencies with applicable jurisdiction?	☒ Previously Provided	
	☐ Authorization Attached	
	☐ N/A	
Would the proposed action(s) conflict with permit conditions or agency approvals?	☐ Yes	☒ 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)?	☐ Yes	☒ No

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Part D: Attached Materials: *(e.g., surveys, maps, photos, memos, agency authorizations, etc.)*
Proposed Pull and Tension Site
Photo 1: Proposed Large Pull and Tension Site

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. *(Refer to the IS/MND for the details on the project impact evaluation.)*	☒	☐	☐	☐
Biological Resources: The work location lies within the 500-foot buffer area of the pole alignment and pole work areas that were surveyed as part of preconstruction surveys performed on August 6 and 7, 2014 by Terra Verde biologists Halden Petersen and Rhett Blanton. No occurrences of special-status plant or animal species were observed in the vicinity of the proposed work areas; however, further preconstruction surveys will cover the 500-foot buffer (or appropriate species-specific distance) area surrounding the proposed work locations. Surveys will be refreshed as needed during the use of this site.				

1/16

North Sunnyside Avenue

McKoane Property

1/17

Perrin Road

1/18

Shepherd Substation Project
Minor Project Modificaiton #5

TSP Location
Proposed Vault
McKoane Property Line
Substation Site
Proposed PTS
Permitted PTS
TSP Workspace

N

TERRA • VERDE

Feet
0 50 100 200 300

23 Dec 2014

Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community