



Artesian 230kV Substation Expansion Project CPUC Minor Project Refinement Form

Minor project refinements are strictly limited to changes that will not trigger an additional permit requirement (except local government ministerial permits and associated requirements), do not substantially increase the severity of a previously identified significant impact based on criteria used in the IS/MND, create a new significant impact, are located within the geographic boundary of the study area of the IS/MND, and that don't conflict with any mitigation measure or applicable law or policy.

Date Requested: March 10, 2021

Report No.: MPR

Date Approved: TBD

Approval Agency: California Public Utilities Commission (CPUC)

Property Owner(s):

San Diego Gas & Electric Company (SDG&E) - ROW

Location:

Existing notice-to-proceed (NTP)-approved work area of Locations 2 (R05), 3 (R03), and 4 (P03), on the north side of Camino Del Sur, east of Maranatha Drive. The approximate GPS location is 33.0219888, -117.1347412.

Land Use/Vegetative Cover:

Non-native grassland and bare ground.

Sensitive Resources:

No additional impacts to sensitive habitats will occur beyond what was assessed in the Initial Study/Mitigated Negative Declaration (IS/MND).

**Modification
From:**

☐ Permit

☒ Plan/Procedure

☐ Specification

☐ Drawing

☐ Mitigation
Measure

☐ Other:

Reference Documents

Initial Study/Mitigated Negative Declaration (IS/MND) for the San Diego Gas & Electric Company's Artesian 230kV Substation Expansion Project. Prepared for the California Public Utilities Commission (CPUC A.16-08-010), dated February 2018.

Notice to Proceed (NTP) request for the Artesian 230/60 kV Substation Expansion Project. Authorized by the CPUC on September 18, 2019.



Artesian 230kV Substation Expansion Project (D.19-07-007)

Describe how project refinement deviates from current project. Include photos.

The requested change is for additional proposed work activities within the existing, NTP-approved project work area for Locations 2 (R05), 3 (R03), and 4 (P03). The NTP-approved project includes the removal of wood poles at Locations 2 (R05) and 3 (R04), and the installation of a new pier foundation pole at Location 4 (P03).

This minor project refinement (MPR) includes installation of a temporary steel pole within the existing, NTP-approved work area of these locations (See photos in Attachment A and Figure 1 in Attachment B).

The specific changes are as follows:

Location:

Within the existing, NTP-approved work area of Locations 2 (R05), 3 (R03), and 4 (P03), on the north side of Camino Del Sur, east of Maranatha Drive. The approximate GPS location for the temporary pole is 33.0219888, -117.1347412.

Construction Equipment and Durations:

Anticipated equipment and vehicles include a drill, skidsteer, dump truck, concrete truck, line truck, bucket truck, crew trucks and foreman pickup trucks. The anticipated timing and duration are as follows (within the approved work hours of 7 am-7 pm, Monday-Saturday):

- Approximately 2 days will be needed to install the temporary pole and dead ends, and transfer wire in early March 2021.
- The pole will remain for approximately 6 to 8 months.
- Approximately 1 day will be needed to remove the temporary pole, between September and November.

Original Condition:

The photographs in Attachment A depict the proposed work area to be used for temporary construction activities. The existing, NTP-approved work area for Locations 2 (R05), 3 (R03), and 4 (P03) is 24,000 sq. ft.

The work area required for the installation of the MPR temporary pole is 314 sq. ft. within the NTP-approved work area, approximately 22 feet east of the existing poles. Access will be via the NTP-approved access road and overland travel through the existing, NTP-approved work area (See Figure 1 in Attachment B). Therefore, no additional work area is required for this MPR.

Justification for Change:

A temporary pole will be installed for TL6939 in order to accommodate the project outage schedule for the tie line. The temporary pole will allow the construction team to bypass the energized TL6939 while working on TL616.

Maps & Figures:

Refer to Figure 1 in Attachment B. Ground disturbance will be contained well within the existing work area for NTP-approved Locations 2 (R05), 3 (R03), and 4 (P03).

Environmental Impact:

The requested MPR would not result in new impacts when compared to the impacts disclosed in the Final IS/MND. The existing project Mitigation Measures and APMs would ensure that all impacts are less than significant. Additional detail is provided below for key resources.

Concurrence (if appropriate):

Concurrence for the MPR is not required. All work is within NTP-approved work areas within the IS/MND study area, and does not trigger permits from any other agencies.



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Resources:

Biological ☐ No Resources Present ☐ Resources Present ☒ N/A, Change would not affect resources

Previous Biological Survey Report Reference:

Chambers Group, Inc. 2016. *Biological Technical Report for the San Diego Gas & Electric Company Artesian Substation Expansion Project*, San Diego County, California. July 2016.

Environmental Science Associates (ESA). *San Diego Gas and Electric Artesian 230kV Substation Expansion Project Final Initial Study/Mitigated Negative Declaration*. Prepared for the California Public Utilities Commission (CPUC). March 2019.

San Diego Gas & Electric Company (SDG&E) 1995. *San Diego Gas and Electric Company Subregional Natural Community Conservation Plan*.

SDG&E 2016. *SDG&E Proponents Environmental Assessment for the Artesian 230 kV Substation Expansion Project* (A.16-08-010) Volumes I and II.

Cultural ☐ No Resources Present ☐ Resources Present
☒ N/A, changes would not affect resources

Previous Cultural Survey Report Reference:

Foglia, S.E. and J. Hennessey. 2014. *Archaeological Survey for Artesian 230kV Substation Expansion, San Diego, San Diego County, California*.

SDG&E 2016. *SDG&E Proponents Environmental Assessment for the Artesian 230 kV Substation Expansion Project* (A.16-08-010) Volumes I and II.

San Diego Natural History Museum 2015. *Paleontological Records Search – Transmission Line 6961 Sycamore to Bernardo*

Williams, Brian and Isabel Cordova. 2012. *Inventory of the Cultural Resources along SDG&E's Tie Line 6961, San Diego County, California*.

Disturbance Acreage Changes: ☐ Yes ☒ No

Disturbance for the installation of the MPR temporary pole will be contained entirely within the temporary impact area of NTP-approved Locations 2 (R05), 3 (R03), and 4 (P03) (see Figure 1 in Attachment B).



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CEQA Section	Applicable	(Y) Define potential impact or (N) briefly explain why CEQA section isn't applicable. If (Y), describe original and new level of impact, and avoidance/minimization measures to be taken.
Geology, Soils, and Seismicity	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	The MPR scope of work would not affect CEQA impacts relating to geologic hazards, including seismicity. MPR would occur at the existing work area analyzed and included in the IS/MND as a project feature and work area. Implementation of MPR would not expose the project, work areas, or workers to any new or increased risk from geologic hazards. Therefore, no change to CEQA impacts would occur as a result of MPR.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency approval (i.e., grading permit or similar process) is not required for implementation of MPR.
Hazardous Materials and Waste	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	The MPR will not change the use, transport, or disposal of hazardous materials or wastes. Therefore, no change to CEQA impacts would occur as a result of MPR.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	The MPR would not require additional agency consultation or approval related to hazardous materials or wastes. There would be no significant increase of threat or risk derived from the use of hazardous substances, which would not change from what was analyzed in the IS/MND.
Hydrology and Water Quality	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	The MPR would not affect impacts related to hydrology and water quality. All construction activities for the MPR would be subject to the project SWPPP and all applicable BMPs. Therefore, no change to CEQA impacts would occur as a result of MPR.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	The MPR will not affect or change the project SWPPP in a way of a manner that would require a change in project coverage under the Construction General Permit. Recycled Water would not be used as part of MPR, and therefore MPR would not affect the Water Reclamation and Recycling (WRR) permit. No additional agency consultation or new permits would be required.
Cultural Resources	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<p>Implementation of the MPR would not affect cultural resources. Locations 2 (R05), 3 (R03), and 4 (P03) do not fall within 100 feet of any previously documented cultural resource.</p> <p>The native soils within the MPR work area could contain paleontological resources, and paleontological monitoring will occur consistent with MM CUL-8. CUL-8 already addresses potential impacts from drilling activities along the project alignment, and the addition of the work covered by MPR would not change the potential impacts to paleontological resources. Therefore, no change to CEQA impacts would occur as a result of MPR.</p>
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	The MPR would not affect any cultural or paleontological resources not previously disclosed in the IS/MND, and additional consultation would not be required.
Traffic and Circulation	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	The estimated trips in and out of the project area by workers and vehicles necessary for the installation of the temporary pole would not change impacts to analyzed in the IS/MND. There would be no change in the level of service on streets surrounding the project area compared to analysis in the IS/MND. There would be no effect on public transportation. Therefore, no change to CEQA impacts would occur as a result of the MPR.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency Consultation is not required for implementation of the MPR. There would be no new encroachment permits or changes to traffic control plan requirements.
Noise and Vibration	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	MPR proposes the use of a drill, skidsteer, dump truck, concrete truck, line truck, bucket truck, crew trucks and foreman pickup trucks. Construction noise from use of this equipment would not differ from noise impacts disclosed in the IS/MND. Therefore, no change to CEQA impacts would occur as a result of the MPR.



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CEQA Section	Applicable	(Y) Define potential impact or (N) briefly explain why CEQA section isn't applicable. If (Y), describe original and new level of impact, and avoidance/minimization measures to be taken.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	The project must comply with the City of San Diego's noise ordinance. The addition of the MPR scope of work would not require consultation with the City, as work would conform to City's noise ordinance, including allowable hours for construction activities.
Aesthetics/ Visual Resources	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Work performed under the MPR would not result in any additional impacts to the visual character in the project area. The temporary steel pole would only be installed for approximately 6-8 months before removal. During this period, the pole would be within the same powerline alignment as existing poles and would be of similar size and height; therefore, visual character of the project area would be similar to that analyzed in the IS/MND. Therefore, no change to CEQA impacts would occur as a result of MPR.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Agency Consultation is not required for the MPR. The CPUC has exclusive jurisdiction over the siting, design, and construction of the project.
Air Quality	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	The MPR would not change the nature or intensity of construction activities. Therefore, MPR is not anticipated to result in any changes relating to emission of criteria pollutants or diesel particulate matter (DPM).
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Additional agency consultation or approval would not be required for implementation of the MPR.
Biological Resources	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	The proposed temporary steel pole will be contained entirely within the work area of NTP-approved Locations 2 (R05), 3 (R03), and 4 (P03). All work will take place within work areas already analyzed in the IS/MND; therefore, no additional impacts will occur to biological resources due to the temporary installation of this steel pole. Access for the work area will be via the existing approved access route for these locations, which consists of a dirt access road, and overland travel within the permitted work area from the access road to the pole location. Vegetation with potential to support nesting birds is present adjacent to the proposed work area. The proposed work to install the temporary pole is anticipated to take place in early March. A pre-construction nesting bird survey is required in compliance with APM BIO-3 for work occurring within the bird breeding season (February 1 - August 31). Biological monitoring would be required during construction in compliance with APM BIO-7. The MPR would not result in additional impacts to those identified in the IS/MND.
Agency Consultation?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Recommendations for the MPR include habitats similar to those analyzed and mitigated for in the IS/MND. No new or additional agency consultation, reporting, or permitting is required with the Wildlife Agencies.



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Approvals	Date	Name (print)	Signature	
San Diego Gas and Electric Project Manager		Irina Petersen		<input checked="" type="checkbox"/> Reviewed
San Diego Gas and Electric Environmental Project Manager		Eden Nguyen Kilburg		<input checked="" type="checkbox"/> Reviewed
San Diego Gas & Electric Compliance Manager		Keri Cuppage		<input checked="" type="checkbox"/> Reviewed
CPUC Project Manager		Patricia Kelly	<i>Patricia Kelly</i>	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Approved with conditions (see below) <input type="checkbox"/> Denied

For CPUC Compliance Manager Use Only

☒ Refinement Approved ☐ Refinement Denied ☐ Beyond Authority

Conditions of Approval or Reason for Denial:

Prepared by:

Date:

ATTACHMENT A

Site Photographs

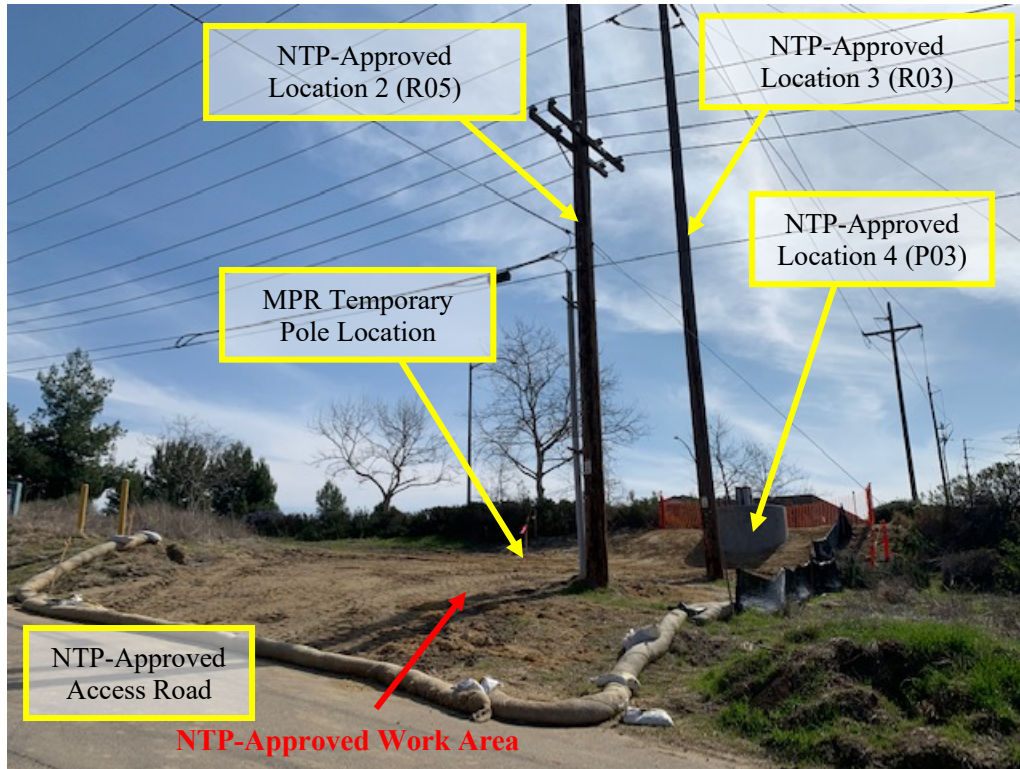


Photo 1. Overview of the MPR temporary pole location, within the existing work area for NTP-approved Locations 2 (R05), 3 (R03), and 4 (P03). The NTP-approved work area for these locations covers the entire area shown, and extends beyond the view of this photograph. View southeast.

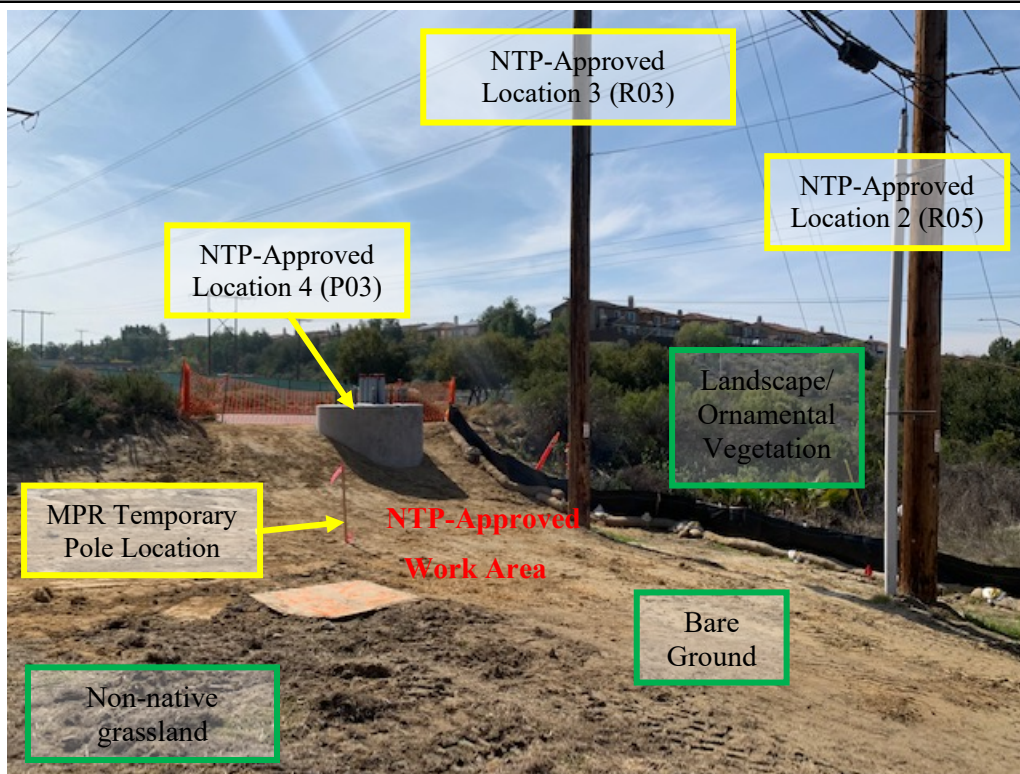


Photo 2. Another view of the MPR temporary pole location in relation to NTP-approved Project structures, and surrounding vegetation. The NTP-approved work area for these locations extends beyond the view of this photograph. View southwest.

Artesian 230kV Substation Expansion Project Minor Project Refinement (MPR) 10: Site Photographs

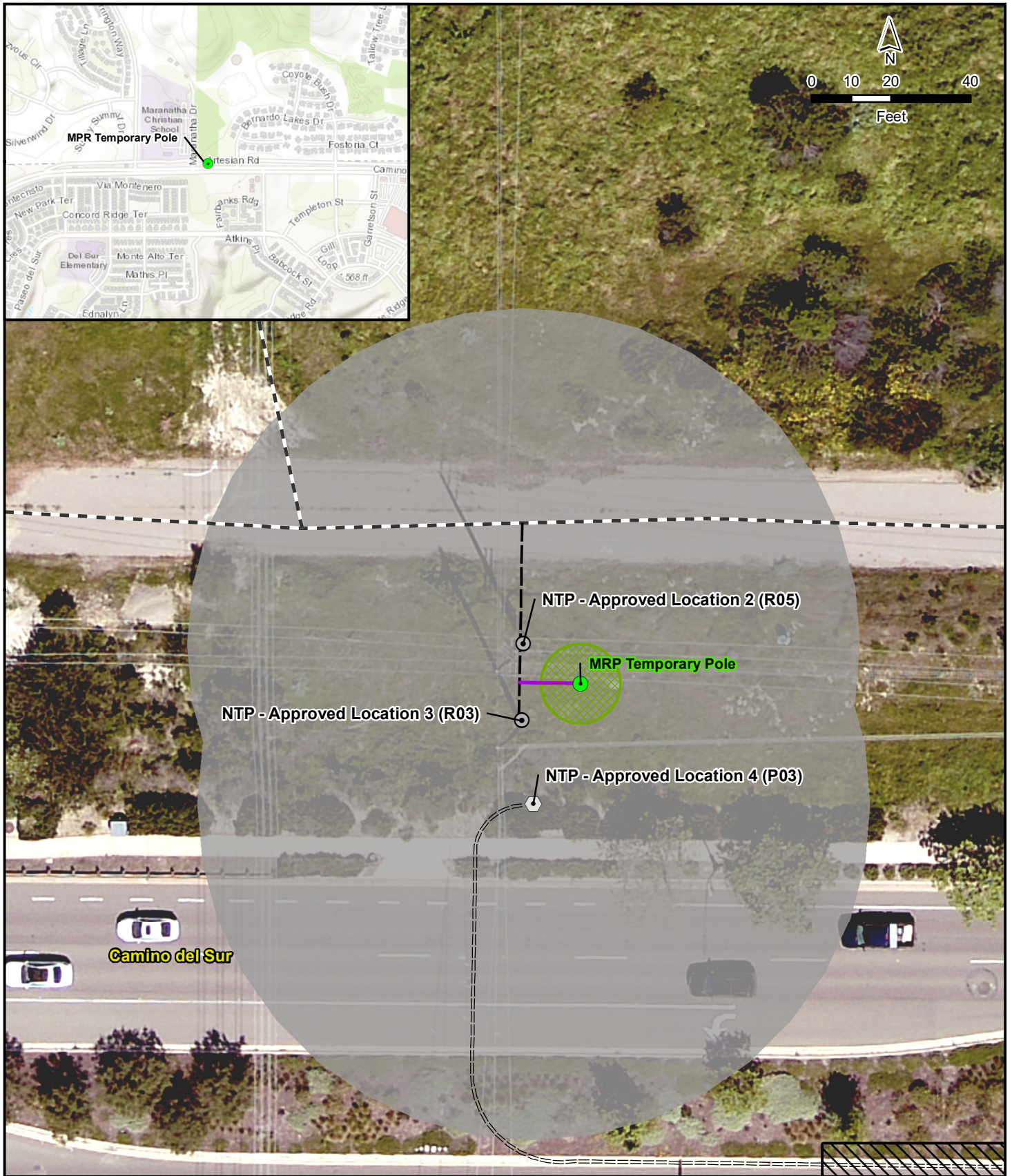


Photo 3. Close-up view of the MPR temporary pole location (circled in yellow). View north.



Photo 4. Overview of the MPR temporary pole location (circled in yellow) within an NTP-approved Project work area, surrounded by bare ground, non-native grassland, and landscape/ornamental vegetation. View west.

ATTACHMENT B
Figure



MPR Proposed Project Features

- MPR Temporary Pole
- MPR Work Area
- MPR Overland Travel Route

NTP - Approved Project Features

- NTP - Approved Existing Wood Pole
- NTP - Approved New Pole
- NTP - Approved Existing Access
- NTP - Approved Power Line Underground Route
- NTP - Approved Overland Travel
- NTP - Approved Work Area
- NTP - Approved Pulling Site

Figure 1
MPR Proposed Project Features