CLEVELAND NATIONAL FOREST POWER LINE REPLACEMENT PROJECTS

MINOR PROJECT REFINEMENT REQUEST FORM

Date Submitted:	09-02-20 (Revised 09-23-20)	**Request #:**	49
Date Approval Required:	09-30-20	**Landowner:**	Various
APN:	Various[1]		

Refinement from (check all that apply):

☐ Mitigation Measure	☐ APM	☒ Project Description	☐ Drawing	☒ Other

Identify source (mitigation measure, project description, etc.):

Notice to Proceed (NTP) request #27 for Phase II of Circuit (C) 440 of the Cleveland National Forest Power Line Replacement Projects (Project) was approved by the United States Forest Service (USFS) and the California Public Utilities Commission (CPUC) on June 5, 2020. Tree trimming was included in this approval; however, San Diego Gas & Electric Company (SDG&E) has identified 43 trees that need to be removed along Phase II of C440 in order to maintain line clearances required by the CPUC and Public Resources Code. A description and justification of the refinements are provided on page 2 of this Minor Project Refinement (MPR) request.

Attachments (check all that apply):

☒ Refinement Request Screening Form (See Attachment A: Minor Project Refinement Request Screening Form)	☒ Photos (See Attachment B: Photographs)	☒ Maps (See Attachment C: Tree Removal Map)	☒ Other (See Attachment D: Impacts Table; Attachment E: Tree Removal List)

Under Order 2 of the Decision Granting SDG&E Permit to Construct the Cleveland National Forest Power Line Replacement Projects (D.16-05-038), the CPUC may approve minor project refinements under certain circumstances. In accordance with Order 2 of the Decision, respond "yes" or "no" to the following questions (a) through (d).

(a) Is the proposed refinement outside the geographic boundary of the EIR/EIS study area? The requested refinements are located within the geographic boundary of the Final Environmental Impact Report/Environmental Impact Study (EIR/EIS) study area, which is depicted in Figure ES-1 Regional Overview Map in the Final EIR/EIS. The refinements occur partially within the baseline biological, cultural, and hydrological survey areas. Supplemental hydrological, biological, and cultural resources surveys were conducted in 2016, 2017, 2018, 2019, and 2020. Additional details regarding the specific surveys conducted are provided in each applicable resource section in Attachment A: Minor Project Refinement Request Screening Form.	☐ Yes	☒ No
(b) Will the proposed refinement result in a new significant impact or a substantial increase in the severity of a previously identified significant impact based on the criteria used in the EIR/EIS? A discussion of changes in significant impacts due to the requested refinements is based on criteria used in the Final EIR/EIS and is resource area-specific. The changes to each resource area are fully analyzed in Attachment A: Minor Project Refinement Request Screening Form.	☐ Yes	☒ No

[1] There are 222 Assessor's Parcel Numbers associated with this MPR, the majority of which are associated with USFS lessees. A list can be produced upon request.

(c) Does the proposed refinement conflict with any mitigation measure or applicable law or policy?	☐ Yes	☒ No
(d) Does the proposed refinement trigger an additional permit requirement?	☐ Yes	☒ No

Describe refinement being requested (attach drawings and photos as needed):

As depicted in Attachment C: Tree Removal Map, SDG&E requests to remove 43 trees[2] along Phase II of C440. The identification number, species, disposal method, diameter at breast height, and impact information for each tree are listed in Attachment E: Tree Removal List. These trees will be accessed via existing, approved access roads or footpaths. Helicopters will be used to remove the trees that are not located near an existing access road. Per coordination with the USFS, additional temporary access/entry/turnaround area will be utilized to load and process logs for transport to a decking location identified by the USFS where the logs will be made available for public use. Minor vegetation removal will be required for use of the work area.[3] No grading will be required to remove the trees or utilize the work area. The decking area identified by the USFS will be located on USFS-owned land in a large dirt lot adjacent to Sunrise Highway and just north of SDG&E's Staging Yard 2A. Once the logs are delivered to this location, USFS will take ownership of the logs. The requested refinements will result in a total of approximately 0.40 acre of temporary impacts and approximately 0.003 acre (or 130.5 square feet) of permanent impacts.[4] The breakdown of the temporary and permanent impacts is summarized in Attachment D: Impacts Table.

Provide need for refinement (attach drawings and photos as needed):

Removal of 43 trees is required due to the larger size of the steel replacement poles (i.e., taller and wider than previous poles) along Phase II of C440, as well as increased line clearance standards associated with SDG&E's Wildfire Mitigation Plan. While trimming of these trees was previously sufficient to maintain required line clearances for the existing alignment, the final configuration with the new steel poles requires removal of these trees to maintain the required distance between vegetation and high-voltage power lines as set forth by the CPUC in General Order 95 and by the Public Resources Code 4293. Because some trees cannot be removed and left on site per USFS guidance, the additional temporary access/entry/turnaround area will provide space to load and process trees during construction before they are moved to a USFS decking location for public use.

Date refinement is expected to be implemented:	10-01-20

Resource Agency Coordination

Resource Agency	Name	Action Required	Date	Documentation (see attached if yes)	
N/A	N/A	N/A	N/A	☐ Yes	☒ No

[2] Once construction commences in these areas, some trees may only require trimming and/or additional trees may be required to be removed. SDG&E will keep the CPUC and USFS apprised of any changes to the number of removal trees.
[3] Trees within the work area will be avoided.
[4] The work area overlaps with previously approved NTP components. The overlapping area is not included in the impact totals.

ATTACHMENT A: MINOR PROJECT REFINEMENT REQUEST SCREENING FORM

MINOR PROJECT REFINEMENT REQUEST SCREENING FORM

RESOURCE EVALUATION

The requested refinements were evaluated to verify that they will not result in a new significant impact or a substantial increase in the severity of a previously identified significant impact based on the criteria used in the Final Environmental Impact Report/Environmental Impact Statement (EIR/EIS) for the San Diego Gas & Electric Company (SDG&E) Cleveland National Forest (CNF) Power Line Replacement Projects (Project). The following Final EIR/EIS Consistency Checklist answers the consistency questions for each resource category and includes a description and justification below each resource category, as necessary. The consistency questions were developed using the California Environmental Quality Act Checklist provided in the Final EIR/EIS. Refer to the Final EIR/EIS for details on the Project's impact evaluation.

Final EIR/EIS Consistency Checklist			
Would the proposed action(s) result in a new impact, or increase the severity of a previously analyzed impact to:	**No Change**	**Potentially Significant Change**	**Not Applicable**
Visual Resources (e.g., adversely affect scenic vistas, damage scenic resources within a state scenic highway, degrade the existing visual character of the site and its surroundings, create sources of light or glare, or result in an inconsistency with applicable scenic integrity objectives)? *Final EIR/EIS evaluation[5]: Significant and unavoidable (Class I)/Adverse and unavoidable*	☒	☐	☐

Summary of Proposed Minor Project Refinement Impacts on Visual Resources:

As discussed in the Final EIR/EIS, mature pine trees adjacent to the Sunrise Scenic Byway are expected to obscure and/or backscreen the taller replacement poles that are being installed along Phase II of Circuit (C) 440. SDG&E has identified approximately 1,167 inventory trees[6] within 30 feet of the entirety of C440, which means removing 43 trees is equivalent to only 0.04 percent of the trees immediately adjacent to the line. Representative photographs and aerial images that depict areas where multiple trees will be removed are included in Attachment B: Photographs. As shown in these photographs, the majority of the tree removals will be occurring in densely forested areas; thus, from a landscape perspective, the removal of these trees will not substantially reduce the visual screening benefits currently provided to the replacement poles and will not substantially affect existing views from the byway or other nearby roadways. In addition, removal of approximately 10 miles of overhead line on C440 as part of the Project will result in approximately 954 inventory trees that will no longer need to be potentially managed (e.g., trimmed or removed) by SDG&E as part of operations and maintenance (O&M) work, which will contribute to the scenic quality of the byway and other nearby roadways. Therefore, the requested refinements will be consistent with the visual resource analysis in the Final EIR/EIS.

The use of the additional temporary access/entry/turnaround area may temporarily impact the visual character of the surrounding area; however, temporary impacts will be reduced with the implementation of Applicant-Proposed Measure (APM) VIS-01 and APM VIS-02. In conclusion, the requested refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to visual resources as identified in the Final EIR/EIS.

[5] The Final EIR/EIS evaluations of impact significance are provided for each resource; this table notes the most significant determination within each resource section identified in the Final EIR/EIS.

[6] An inventory tree is classified as a tree that could encroach the minimum overhead line clearance or otherwise impact electrical facilities within three years of the inspection date. Please note that the spatial accuracy of the inventory tree data varies. As a result, the numbers provided should be considered estimations only.

Final EIR/EIS Consistency Checklist			
Would the proposed action(s) result in a new impact, or increase the severity of a previously analyzed impact to:	**No Change**	**Potentially Significant Change**	**Not Applicable**
Air Quality (e.g. produce additional emissions, conflict with applicable local air quality plans, or expose sensitive receptors to additional pollutants)? *Final EIR/EIS evaluation: Significant and unavoidable (Class I)/Adverse and unavoidable*	☒	☐	☐
Summary of Proposed Minor Project Refinement Impacts on Air Quality: Activities associated with the requested refinements (e.g., the type of equipment used, the number of truck trips, and the number of helicopter trips) will not substantially increase from those discussed in the Final EIR/EIS and will not increase air emissions beyond what was analyzed. Some of the refinements are located within 1,000 feet of sensitive receptors. Potential air quality impacts to sensitive receptors within 1,000 feet of Project components were analyzed in the Final EIR/EIS. Minor vegetation removal, tree removal activities, and helicopter activities may result in a minor increase in air quality impacts in the localized areas; however, these activities will be short-term and temporary. With the implementation of APM AIR-01 through APM AIR-05, activities associated with the refinements will not expose the nearby sensitive receptors to substantial pollutant concentrations, which is consistent with the analysis in the Final EIR/EIS. Therefore, the requested refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to air quality as identified in the Final EIR/EIS.			
Biological Resources (e.g., result in temporary or permanent loss of native vegetation, preserve areas, native wildlife and/or their habitats; cause an adverse effect to jurisdictional waters or sensitive or special-status species; result in the introduction of invasive, non-native, or noxious plant species; conflict with local, regional, or state habitat conservation plan; or interfere with the movement of any resident or migratory wildlife)? *Final EIR/EIS evaluation: Less than significant with mitigation (Class II)/Adverse*	☒	☐	☐
Summary of Proposed Minor Project Refinement Impacts on Biological Resources: The requested refinements were partially surveyed for sensitive vegetation communities and special-status plant and wildlife species during initial Project surveys. In addition, supplemental surveys were conducted along Phase II of C440 in 2018, 2019, and 2020, and included a bat roost assessment, focused surveys for Townsend's big-eared bat (*Corynorhinus townsendii*) and all other bat species, focused surveys for special-status plants, and site verification surveys. The requested refinements will result in a total of approximately 0.40 acre of temporary impacts and 130.5 square feet of permanent impacts. This includes approximately 0.01 acre of total impacts (i.e., temporary and permanent impacts) to bare ground,[7] approximately 0.17 acre of total impacts to montane forest, and approximately 0.22 acre of total impacts to native grassland.[8] The diameter at breast height was used to calculate the permanent impacts (i.e., footprint) for each tree removal, and the permanent impacts will be mitigated in accordance with Mitigation Measure (MM) BIO-05 and the requirements of SDG&E's Subregional NCCP. The final compensatory mitigation of permanent impacts on United States (U.S.) Forest Service (USFS) land, which could include additional habitat restoration and/or compensation (i.e., land preservation or mitigation fee payment) as described in MM BIO-5, will be approved with the compensatory mitigation plan that SDG&E is developing in coordination with the USFS.			

[7] Bare ground falls in the Agricultural/Disturbed/Developed/Bare Ground impact category for SDG&E's Subregional Natural Community Conservation Plan (NCCP).

[8] Montane forest and native grassland fall in the Native Vegetation impact category for SDG&E's Subregional NCCP.

Final EIR/EIS Consistency Checklist			
Would the proposed action(s) result in a new impact, or increase the severity of a previously analyzed impact to:	**No Change**	**Potentially Significant Change**	**Not Applicable**
Approximately 0.40 acre of temporary impacts and 80 square feet of permanent impacts to U.S. Fish and Wildlife Service-designated critical habitat for Laguna Mountains skipper (*Pyrgus ruralis lagunae*) will occur due to the refinements. However, no special-status plants or special-status butterfly host plants occur adjacent to the refinements. In accordance with MM BIO-20 and Conservation Measure 2 for Laguna Mountains skipper of the Project's Biological Opinion, all vegetative material will either be chipped into a truck and hauled off site or chipped on site in areas outside of known or potential Laguna Mountains skipper habitat. If vegetative material is chipped on site, chipped material will not exceed three inches and chipping will occur in coordination with the USFS. As discussed in the Visual Resources section, the removal trees only represent approximately 0.04 percent of the trees within 30 feet of C440, and there will be approximately 954 trees that will no longer need to be potentially managed by SDG&E's O&M work due to the removal of overhead lines. Thus, while there will be permanent impacts to 43 trees, overall impacts will be minimal when compared to the current population of trees along C440. In addition, all APMs and MMs defined in the Project's Mitigation Monitoring, Compliance, and Reporting Program—as well as other permit and plan conditions—will be implemented as applicable to minimize or mitigate for any additional impacts. Therefore, the requested refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to biological resources as identified in the Final EIR/EIS.			
Cultural and Paleontological Resources (e.g., cause an adverse change to Traditional Cultural Properties or historical, archeological, or paleontological resources; or disturb any human remains)? *Final EIR/EIS evaluation: Less than significant with mitigation (Class II)/Adverse*	☒	☐	☐
Summary of Proposed Minor Project Refinement Impacts on Cultural and Paleontological Resources: The requested refinements occur within the Project's area of potential effect, as defined in the Project's Programmatic Agreement. The refinements were partially surveyed for cultural resources during initial surveys for the Project in 2010. In addition, intensive supplemental pedestrian surveys of the refinements were conducted by ASM Affiliates, Inc. in 2016, 2017, 2018, 2019, and 2020. No new cultural resources were recorded during the supplemental surveys. Nine removal trees were identified within five previously recorded resources. Archaeological and Native American monitors will be required during tree removal activities for trees located within known resources/site boundaries. Additional details on these cultural resources are included in a supplemental confidential cultural resources letter report, which will be submitted to the USFS in support of this MPR request. In conclusion, the work is consistent with what was analyzed in the Final EIR/EIS. Impacts to cultural resources will be less than significant if SDG&E implements the proposed avoidance and minimization recommendations outlined in the cultural resources letter report. Therefore, the requested refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to cultural resources as identified in the Final EIR/EIS. The requested refinements are underlain by geologic rock units/formations assigned a rank of Potential Fossil Yield Classification (PFYC) Class 1 (i.e., very low sensitivity) and Class 3 (i.e., moderate or unknown sensitivity). Because the refinements do not require excavation underlain by rock units with a PFYC Class 3 (i.e., moderate or unknown sensitivity) ranking, additional paleontological monitoring and an update to the Paleontological Monitoring & Treatment Plan will not be required. Therefore, the requested refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to paleontological resources as identified in the Final EIR/EIS.			

Final EIR/EIS Consistency Checklist			
Would the proposed action(s) result in a new impact, or increase the severity of a previously analyzed impact to:	**No Change**	**Potentially Significant Change**	**Not Applicable**
Greenhouse Gases (e.g., result in a net increase of greenhouse gas emissions, or conflict with an applicable plan, policy, or regulation that reduces greenhouse gas emissions)? *Final EIR/EIS evaluation: Less than significant (Class III)/Not adverse*	☒	☐	☐
Summary of Proposed Minor Project Refinement Impacts on Greenhouses Gases: Activities associated with the requested refinements are consistent with the greenhouse gas (GHG) analysis in the Final EIR/EIS and will not trigger an exceedance of the GHG threshold of 10,000 metric tons of carbon dioxide equivalent per year or the County of San Diego Climate Action Plan criteria for annual grading and land clearing. Therefore, the requested refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to GHG emissions as identified in the Final EIR/EIS.			
Public Health and Safety (e.g., result in a significant hazard to the public or the environment through the transport, use, or disposal of hazardous materials; emit hazardous waste within one-quarter mile of a school; be located on a hazardous materials site; result in a safety hazard for people residing or working in the Project area; interfere with an adopted emergency plan; or create safety hazards due to structural failure)? *Final EIR/EIS evaluation: Less than significant with mitigation (Class II)/Adverse*	☒	☐	☐
Summary of Proposed Minor Project Refinement Impacts on Public Health and Safety: The requested refinements occur within the area assessed in the *Report on ASTM Phase I Environmental Site Assessment Cleveland National Forest Electric Safety and Reliability Project San Diego County, California*. No known hazardous materials sites are located near the requested refinements. Therefore, the requested refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to public health and safety as identified in the Final EIR/EIS.			
Fire and Fuels Management (e.g., increase the probability of a wildfire, reduce the effectiveness of firefighting, or introduce non-native plants that would contribute to ignition potential)? *Final EIR/EIS evaluation: Less than significant with mitigation (Class II)/Adverse*	☒	☐	☐
Summary of Proposed Minor Project Refinement Impacts on Fire and Fuels Management: The requested refinements are located within the Very High Fire Hazard Severity Zone, which was included in the Fire and Fuels Management analysis in the Final EIR/EIS. The potential risk of wildfire ignition and spread associated with the refinements will be managed in compliance with the Project's Construction Fire Prevention/Protection Plan. Therefore, the requested refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to fire and fuels management as identified in the Final EIR/EIS.			

Final EIR/EIS Consistency Checklist			
Would the proposed action(s) result in a new impact, or increase the severity of a previously analyzed impact to:	**No Change**	**Potentially Significant Change**	**Not Applicable**
Hydrology and Water Quality (e.g., result in increased levels of turbidity, introduce contaminants, deplete groundwater supplies, or degrade water quality)? *Final EIR/EIS evaluation: Significant and unavoidable (Class I)/Adverse and unavoidable*	☒	☐	☐
Summary of Proposed Minor Project Refinement Impacts on Hydrology and Water Quality: The requested refinements were partially surveyed for the presence of waters of the state and/or the U.S. (i.e., jurisdictional wetlands or non-wetland waters) during initial Project surveys. Supplemental water resource surveys of the refinements were conducted in 2018 and 2020. No waters of the state or the U.S. are located adjacent to the requested refinements. To minimize potential impacts from erosion and off-site sedimentation during construction, the additional temporary access/entry/turnaround area will be included in a Change of Information for the C440, C442, C449, Transmission Line (TL) 629C, and TL6958 Storm Water Pollution Prevention Plan (Waste Discharge Identification #9 37C3381630) and submitted to the State Water Resources Control Board's Stormwater Multiple Applications and Report Tracking System. Therefore, the requested refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to hydrology and water quality as identified in the Final EIR/EIS.			
Land Use (e.g., disturb land uses at or near the Project components, divide an established community, or conflict with a land use plan, policy, or regulation of an agency with jurisdiction over the Project)? *Final EIR/EIS evaluation: Significant and unavoidable (Class I)/Adverse and unavoidable*	☒	☐	☐
Summary of Proposed Minor Project Refinement Impacts on Land Use: In accordance with the Construction Notification Plan and MM LU-1, property owners within 1,000 feet of Phase II of C440 were notified of construction activities associated with Notice to Proceed #27 on May 28, 2020. The property owners within 1,000 feet of the requested refinements were included in that notification process. The requested refinements will not introduce a new land use, establish a permanent barrier or obstacle between uses, or create a physical division or separation of use. In addition, the requested refinements will not conflict with the applicable land use plans, policies, or regulations of an agency with jurisdiction over the Project, as they are located in the same County of San Diego land use and zoning designations and CNF Land Management Plan land use zone that were analyzed in the Final EIR/EIS. Therefore, the requested refinements will not result in new significant impacts or a substantial increase in the severity of a previously analyzed impact to land use as identified in the Final EIR/EIS.			

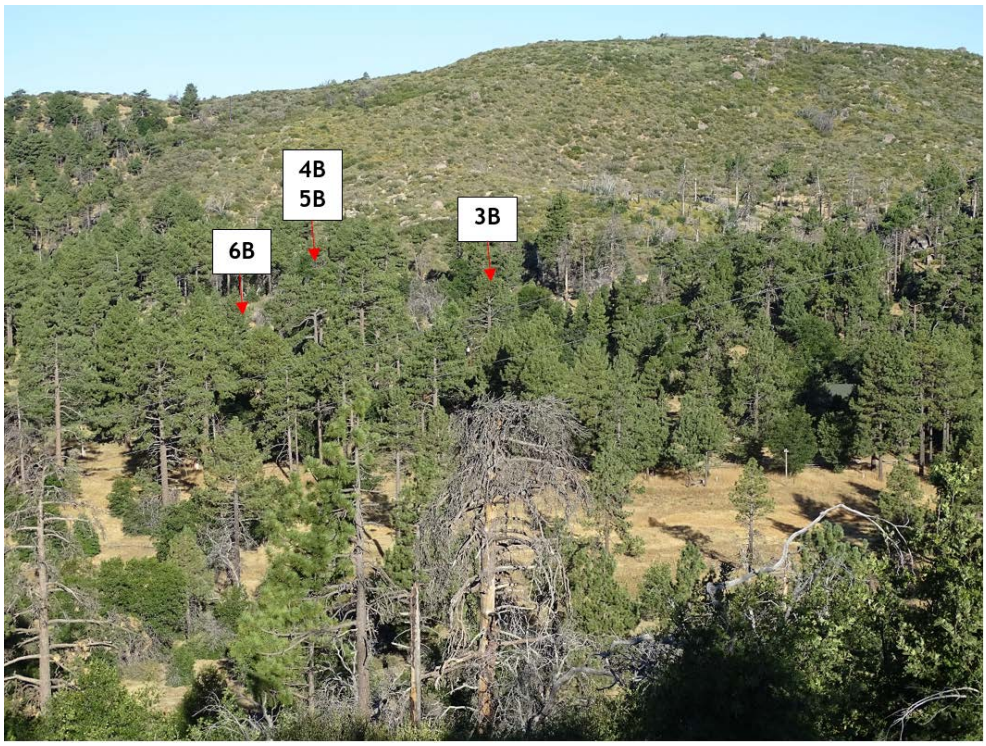
Final EIR/EIS Consistency Checklist			
Would the proposed action(s) result in a new impact, or increase the severity of a previously analyzed impact to:	**No Change**	**Potentially Significant Change**	**Not Applicable**
Noise (e.g., disturb sensitive receptors and violate local rules, standards, and/or ordinances; or cause ground borne vibration)? *Final EIR/EIS evaluation: Less than significant with mitigation (Class II)/Adverse*	☒	☐	☐
Summary of Proposed Minor Project Refinement Impacts on Noise: Construction-related noise associated with the requested refinements will be generated due minor vegetation removal, tree removal, helicopter use, and large equipment operation. Some of the refinements are located within 1,000 feet of sensitive receptors. Potential noise impacts to sensitive receptors within 1,000 feet of Project components were analyzed in the Final EIR/EIS. Activities associated with the refinements may result in temporary increases in noise levels; however, they will be short-term and temporary. In addition, with implementation of noise-related MMs and APMs, noise impacts associated with the refinements will be equivalent to those analyzed in the Final EIR/EIS. Therefore, the requested refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to noise as identified in the Final EIR/EIS.			
Public Services and Utilities (e.g., result in construction of new, or expansion of existing, facilities for fire protection, municipal water supplies, telecommunications, and solid waste; or disrupt electric service)? *Final EIR/EIS evaluation: Less than significant with mitigation (Class II)/Adverse*	☒	☐	☐
Summary of Proposed Minor Project Refinement Impacts on Public Services and Utilities: The requested refinements will be consistent with the public services and utilities analysis in the Final EIR/EIS and will not require new or expanded public facilities or services. Therefore, the requested refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to public services and utilities as identified in the Final EIR/EIS.			
Recreation (e.g., reduce access and visitation to recreation areas, preclude recreational activities, or result in increased, unauthorized access to specially designated or restricted areas)? *Final EIR/EIS evaluation: Less than significant with mitigation (Class II)/Adverse*	☒	☐	☐
Summary of Proposed Minor Project Refinement Impacts on Recreation: The requested refinements will be located within and immediately adjacent of the approved Phase II of C440 alignment and within the Laguna Mountain Recreation Area. With the implementation of APM TRANS-01 through APM TRANS-05, activities associated with the refinements will not reduce or preclude access or visitation to facilities within the Laguna Mountain Recreation Area or increase the possibility of unauthorized access to specially designated or restricted areas. Therefore, the requested refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to recreation as identified in the Final EIR/EIS.			

Final EIR/EIS Consistency Checklist			
Would the proposed action(s) result in a new impact, or increase the severity of a previously analyzed impact to:	**No Change**	**Potentially Significant Change**	**Not Applicable**
Transportation and Traffic (e.g., conflict with an applicable congestion management program or a plan, ordinance, or policy associated with the circulation system or alternative transportation; increase hazards due to a design feature; or result in inadequate emergency access)? *Final EIR/EIS evaluation: Less than significant with mitigation (Class II)/Adverse*	☒	☐	☐
Summary of Proposed Minor Project Refinement Impacts on Transportation and Traffic: The requested refinements will not require additional or different types of construction vehicles or equipment than those discussed in the Final EIR/EIS. In addition, the total number of truck trips associated with construction of the Project will not change, and the activities associated with the requested refinements will affect the same roadways as those analyzed in the Final EIR/EIS (i.e., Sunrise Highway, Morris Ranch Road, Boiling Springs Road, Escondido Ravine Road, and Los Huecos Road), as well as some smaller private and public roads. With the implementation of APM TRANS-01 through APM TRANS-05, potential temporary impacts to the existing levels of service (LOS)[9] will be adequately addressed. Therefore, the requested refinements will not result in a new significant impact or a substantial increase in the severity of a previously analyzed impact to transportation and traffic as identified in the Final EIR/EIS.			

[9] Sunrise Highway has an LOS of A through C. An LOS does not exist for Morris Ranch Road, Boiling Springs Road, Escondido Ravine Road, Los Huecos Road, or the smaller private and public roads.

ATTACHMENT B: PHOTOGRAPHS

ATTACHMENT B: PHOTOGRAPHS



Photograph 1:

West-facing view of removal trees 3B through 6B, as observed on August 11, 2020.

Photograph 2:

South-facing view of removal trees 8A, 11A, and 15A, as observed on August 11, 2020. The red circle denotes the general area where these trees are located.

Photograph 3:

Aerial view of the removal trees between Poles P40131 and P40133, as observed on Google Earth on August 27, 2020. The symbology depicted in this image matches what is shown in Attachment C: Tree Removal Map.

Photograph 4:

Aerial view of the removal trees between Poles P40133 and P40136, as observed on Google Earth on August 27, 2020. The symbology depicted in this image matches what is shown in Attachment C: Tree Removal Map.

ATTACHMENT C: TREE REMOVAL MAP

Attachment C:
Tree Removal Map
Phase IIa of C440
Map 1 of 16

Cleveland National Forest
Power Line Replacement Projects

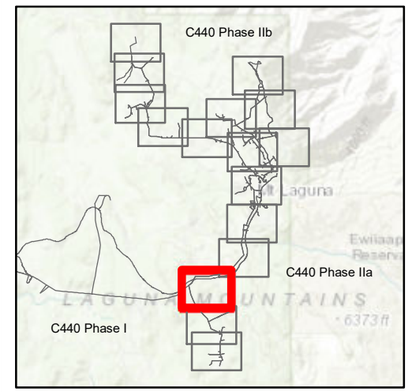
NTP #10
- Transformer
- Vault
- New Underground

NTP #23
- Removal
- Wood-to-Steel Replacement - 12 kV Only
- Stringing Site
- Construction-Only Access Road
- Removal
- Wood-to-Steel Replacement

NTP #27
- New Steel Pole
- Pole Top Work Only
- Removal
- Wood-to-Steel Replacement - 12 kV Only
- Community/Named Access Road
- Construction-Only Access Road
- Navigation Access Road
- New Overhead Service
- Removal
- Wood-to-Steel Replacement
- New Underground

U.S. Forest Service

Note:
1. Some of the roads depicted in these maps do not match the aerial imagery. This is due to slight discrepancies between the aerial photographs and the georeferenced access road data.



SDGE A Sempra Energy utility
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8/27/2020

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Attachment C:
Tree Removal Map
Phase IIa of C440
Map 2 of 16

Cleveland National Forest
Power Line Replacement Projects

NTP #27

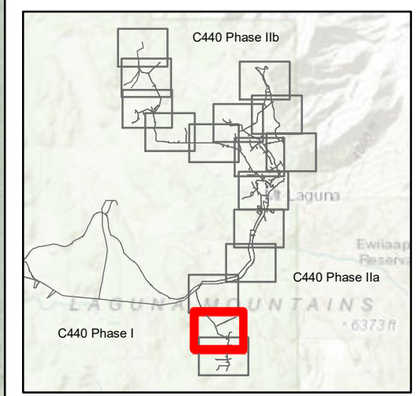
- New Steel Pole
- Removal
- Stub Pole
- Wood-to-Steel Replacement - 12 kV Only
- Community/Named Access Road
- Construction-Only Access Road
- Navigation Access Road
- Removal
- Wood-to-Steel Replacement
- Terminator
- Transformer
- Existing Cable Replacement
- New Underground

MPR #49

- Tree Removal
- Temporary Access/Entry/Turnaround

U.S. Forest Service

Note:
1. Some of the roads depicted in these maps do not match the aerial imagery. This is due to slight discrepancies between the aerial photographs and the georeferenced access road data.



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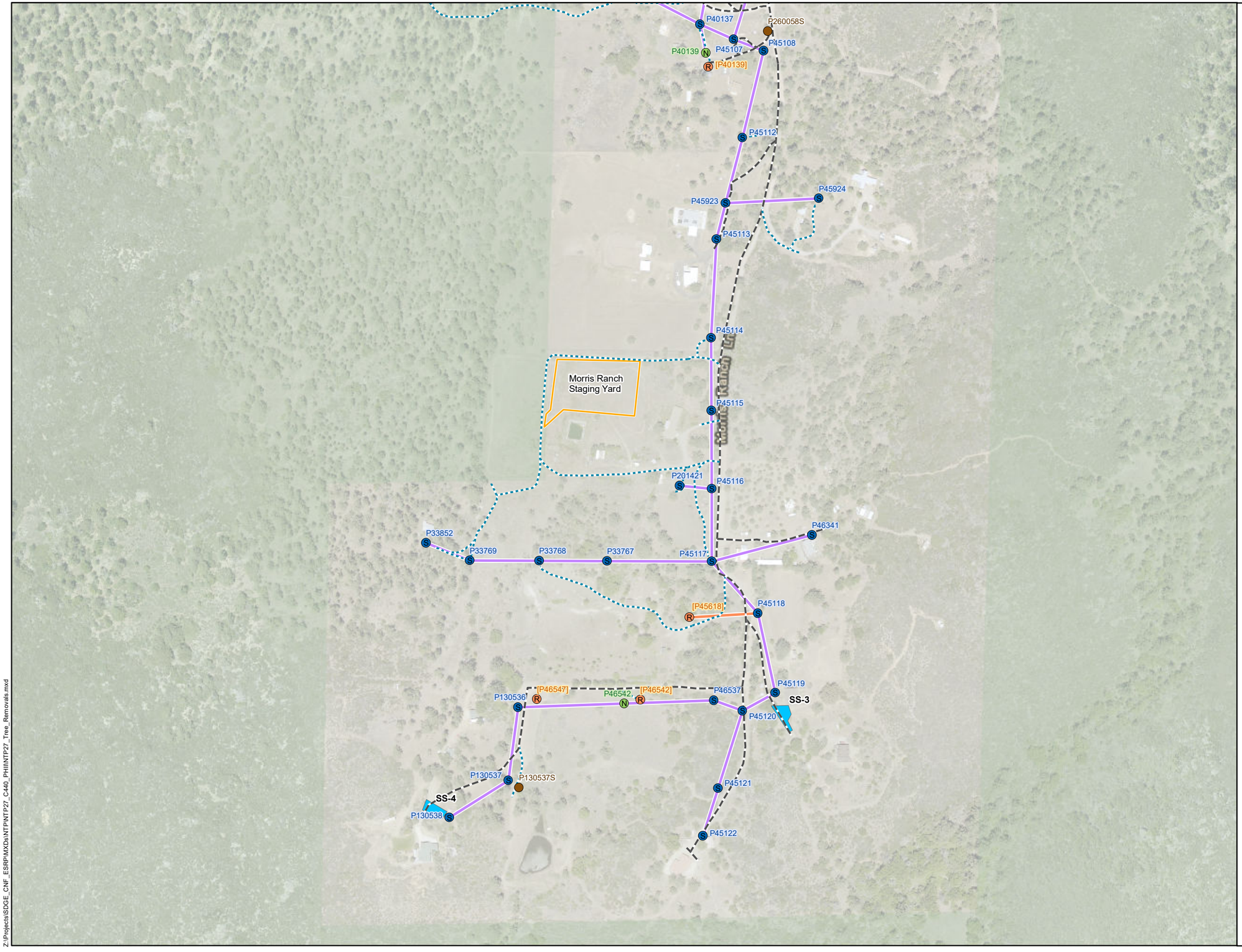


Attachment C:
Tree Removal Map
Phase IIa of C440
Map 3 of 16

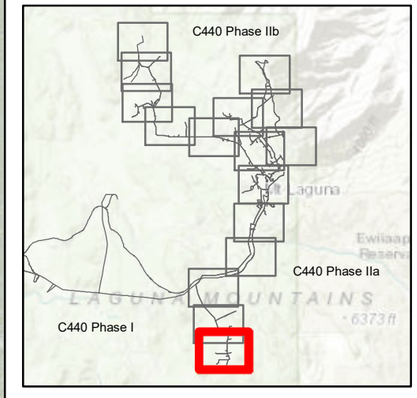
Cleveland National Forest
Power Line Replacement Projects

NTP #27

- New Steel Pole
- Removal
- Stub Pole
- Wood-to-Steel Replacement - 12 kV Only
- Staging Area
- Stringing Site
- Community/Named Access Road
- Construction-Only Access Road
- Removal
- Wood-to-Steel Replacement

U.S. Forest Service

Note:
1. Some of the roads depicted in these maps do not match the aerial imagery. This is due to slight discrepancies between the aerial photographs and the georeferenced access road data.



SDGE A Sempra Energy utility
INSIGNIA ENVIRONMENTAL

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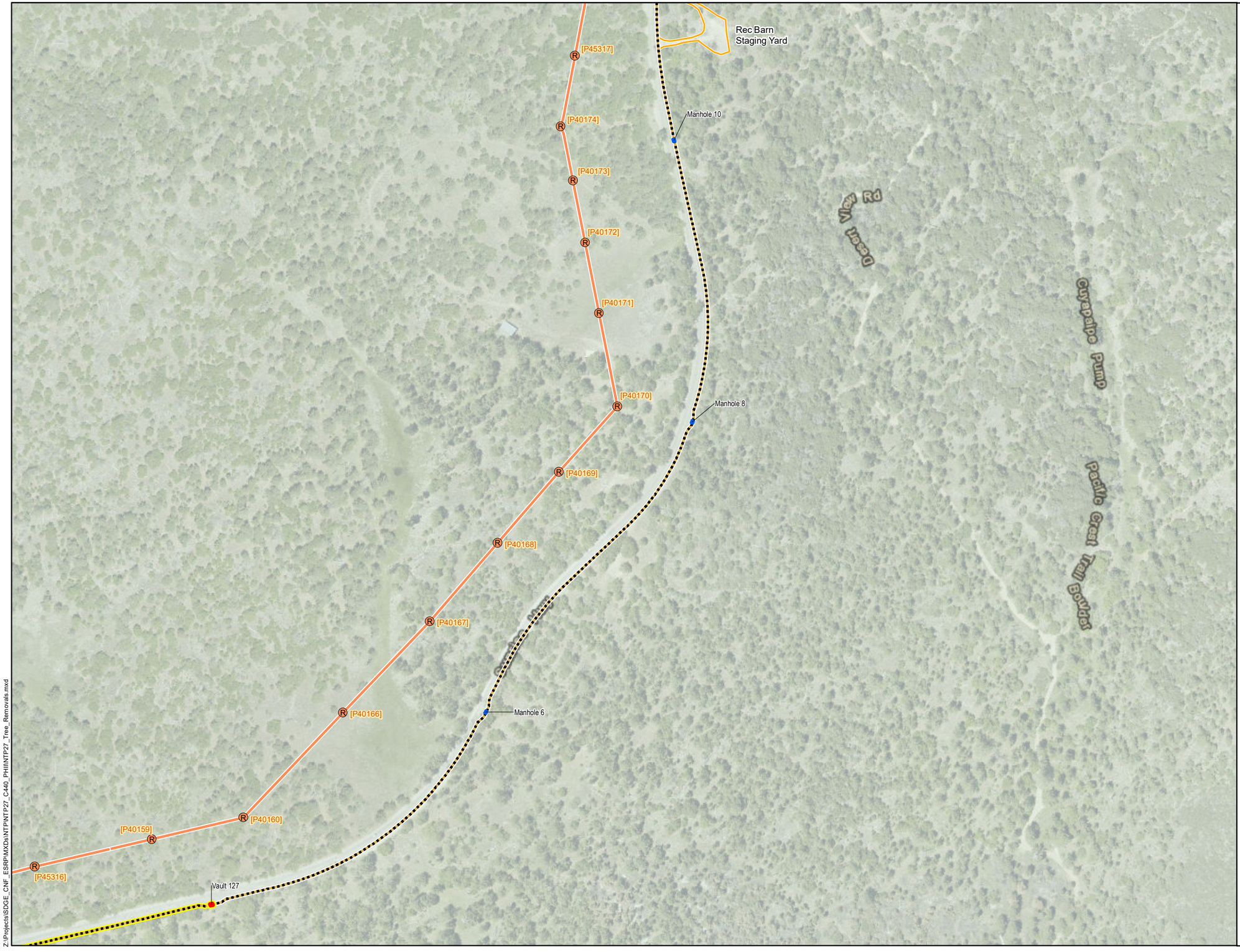

Attachment C:
Tree Removal Map
Phase IIa of C440
Map 4 of 16

Cleveland National Forest
Power Line Replacement Projects

NTP #10
- Vault
- New Underground

NTP #27
- Removal
- Staging Area
- Removal
- Manhole
- New Underground

U.S. Forest Service

Note:
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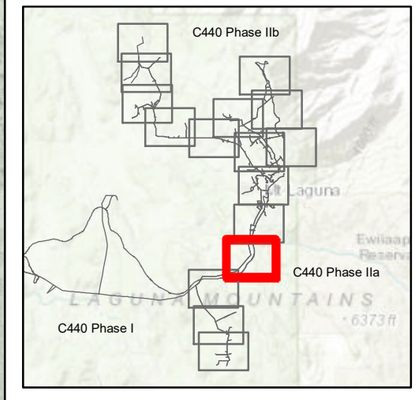

SDGE A Sempra Energy utility
INSIGNIA ENVIRONMENTAL

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8/27/2020

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Attachment C:
Tree Removal Map
Phase IIa of C440
Map 5 of 16

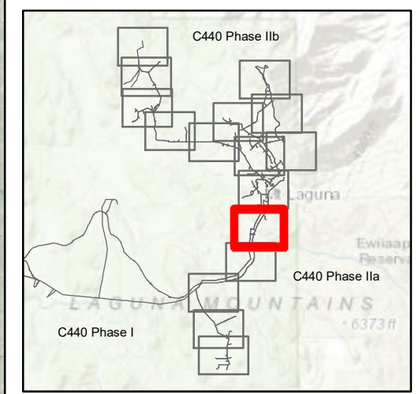
Cleveland National Forest
Power Line Replacement Projects

NTP #27

- New Communication Pole
- New Steel Pole
- Removal
- Stub Pole
- Top Pole
- Wood-to-Steel Replacement - 12 kV Only
- Staging Area
- Community/Named Access Road
- Construction-Only Access Road
- Navigation Access Road
- New Overhead Service
- Removal
- Wood-to-Steel Replacement
- Barrier Protection
- Handhole
- Manhole
- Meter
- Terminator
- Transformer
- Utility Box
- Existing Cable Replacement
- New Underground
- Underground Removal

U.S. Forest Service

Note:
1. Some of the roads depicted in these maps do not match the aerial imagery. This is due to slight discrepancies between the aerial photographs and the georeferenced access road data.



SDGE A Sempra Energy utility
INSIGNIA ENVIRONMENTAL

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0 200 400 Feet

8/27/2020

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Attachment C:
Tree Removal Map
Phase IIa/IIb of C440
Map 6 of 16

Cleveland National Forest
Power Line Replacement Projects

NTP #27

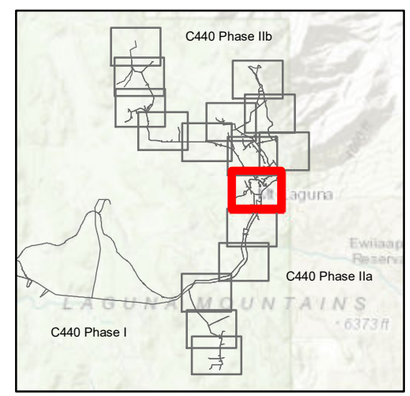
- New Steel Pole
- Pole Top Work Only
- Removal
- Wood-to-Steel Replacement - 12 kV Only
- Stringing Site
- Community/Named Access Road
- Construction-Only Access Road
- Navigation Access Road
- New Overhead Service
- Removal
- Wood-to-Steel Replacement
- Handhole
- Pad
- Switch
- Terminator
- Transformer
- Utillity Box
- Existing Cable Replacement
- Existing Conduit & Cable Replacement
- New Underground
- Underground Removal

MPR #49

- Tree Removal

- U.S. Forest Service

Note:
1. Some of the roads depicted in these maps do not match the aerial imagery. This is due to slight discrepancies between the aerial photographs and the georeferenced access road data.



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8/27/2020

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Attachment C:
Tree Removal Map
Phase IIb of C440
Map 7 of 16

Cleveland National Forest
Power Line Replacement Projects

NTP #27

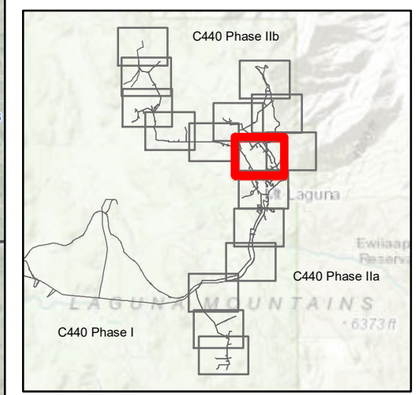
- New Steel Pole
- Removal
- Stub Pole
- Wood-to-Steel Replacement - 12 kV Only
- Fly Yard/Staging Area
- Community/Named Access Road
- Construction-Only Access Road
- Navigation Access Road
- Wood-to-Steel Replacement
- Handhole
- Transformer
- Existing Cable Replacement
- Existing Conduit & Cable Replacement
- New Underground

MPR #49

- Tree Removal

U.S. Forest Service

Note:
1. Some of the roads depicted in these maps do not match the aerial imagery. This is due to slight discrepancies between the aerial photographs and the georeferenced access road data.



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Attachment C:
Tree Removal Map
Phase IIb of C440
Map 8 of 16

Cleveland National Forest
Power Line Replacement Projects

NTP #27

- New Steel Pole
- Removal
- Wood-to-Steel Replacement - 12 kV Only
- Fly Yard/Staging Area
- Stringing Site
- Community/Named Access Road
- Construction-Only Access Road
- Navigation Access Road
- Removal
- Wood-to-Steel Replacement
- Handhole
- Meter
- Terminator
- Transformer
- Utillity Box
- Existing Cable Replacement
- New Underground

MPR #49

- Tree Removal

- U.S. Forest Service

Note:
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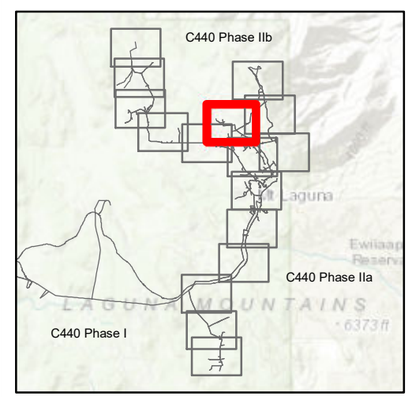

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Attachment C:
Tree Removal Map
Phase IIb of C440
Map 9 of 16

Cleveland National Forest
Power Line Replacement Projects

NTP #27

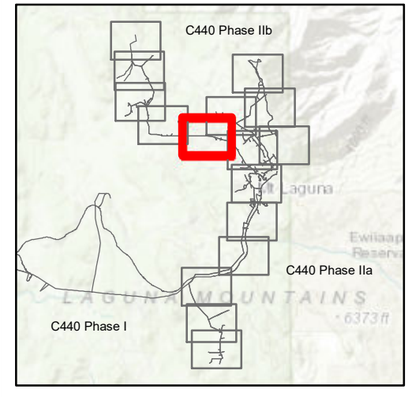
- New Steel Pole
- Wood-to-Steel Replacement - 12 kV Only
- Stringing Site
- Community/Named Access Road
- Construction-Only Access Road
- Navigation Access Road
- Wood-to-Steel Replacement
- Handhole
- Transformer
- Utility Box
- Existing Cable Replacement
- New Underground

MPR #49

- Tree Removal

U.S. Forest Service

Note:
1. Some of the roads depicted in these maps do not match the aerial imagery. This is due to slight discrepancies between the aerial photographs and the georeferenced access road data.



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Attachment C:
Tree Removal Map
Phase IIb of C440
Map 10 of 16

Cleveland National Forest
Power Line Replacement Projects

NTP #27

- New Steel Pole
- Wood-to-Steel Replacement - 12 kV Only
- Stringing Site
- Community/Named Access Road
- Construction-Only Access Road
- Navigation Access Road
- Removal
- Wood-to-Steel Replacement
- Existing Cable Replacement

MPR #49

- Tree Removal

U.S. Forest Service

Note:
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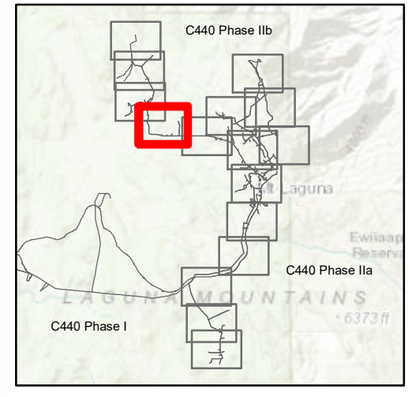

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Attachment C:
Tree Removal Map
Phase IIb of C440
Map 11 of 16

Cleveland National Forest
Power Line Replacement Projects

NTP #27

- New Steel Pole
- Removal
- Wood-to-Steel Replacement - 12 kV Only
- Community/Named Access Road
- Construction-Only Access Road
- Navigation Access Road
- Removal
- Wood-to-Steel Replacement
- Handhole
- Transformer
- Existing Cable Replacement
- New Underground

MPR #49

- Tree Removal

U.S. Forest Service

Note:
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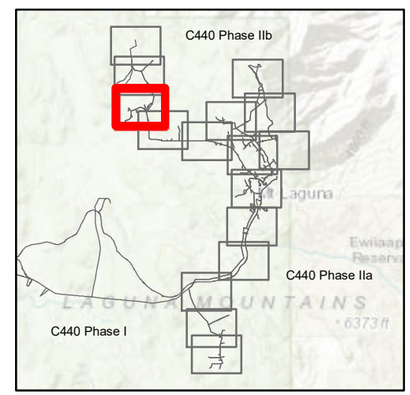

SDGE a Sempra Energy utility
INSIGNIA ENVIRONMENTAL

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Attachment C:
Tree Removal Map
Phase IIb of C440
Map 12 of 16

Cleveland National Forest
Power Line Replacement Projects

NTP #27

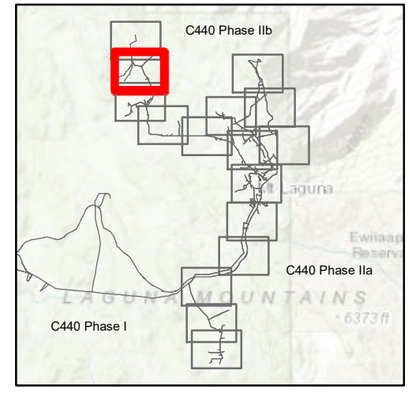
- New Steel Pole
- Pole Top Work Only
- Removal
- Wood-to-Steel Replacement - 12 kV Only
- Community/Named Access Road
- Construction-Only Access Road
- Wood-to-Steel Replacement
- Handhole
- Utillity Box
- Existing Cable Replacement
- New Underground
- Underground Removal

MPR #49

- Tree Removal

- U.S. Forest Service

Note:
1. Some of the roads depicted in these maps do not match the aerial imagery. This is due to slight discrepancies between the aerial photographs and the georeferenced access road data.



SDGE A Sempra Energy utility
INSIGNIA ENVIRONMENTAL

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Attachment C:
Tree Removal Map
Phase IIb of C440
Map 13 of 16

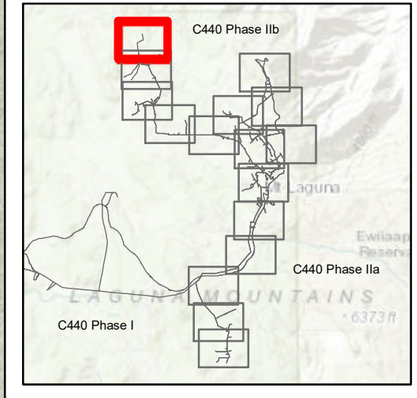
Cleveland National Forest
Power Line Replacement Projects

NTP #27
- Wood-to-Steel Replacement - 12 kV Only
- Fly Yard/Staging Area
- Community/Named Access Road
- Construction-Only Access Road
- Wood-to-Steel Replacement
- Utillity Box
- New Underground
- Underground Removal

MPR #49
- Tree Removal

- U.S. Forest Service

Note:
1. Some of the roads depicted in these maps do not match the aerial imagery. This is due to slight discrepancies between the aerial photographs and the georeferenced access road data.



SDGE A Sempra Energy utility
INSIGNIA ENVIRONMENTAL

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0 200 400 Feet

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Attachment C:
Tree Removal Map
Phase IIb of C440
Map 14 of 16

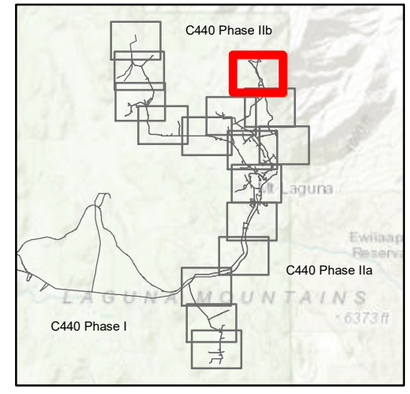
Cleveland National Forest
Power Line Replacement Projects

NTP #27

- Removal
- Community/Named Access Road
- Construction-Only Access Road
- Removal
- Handhole
- Transformer
- Existing Cable Replacement
- New Underground
- Underground Removal

U.S. Forest Service

Note:
1. Some of the roads depicted in these maps do not match the aerial imagery. This is due to slight discrepancies between the aerial photographs and the georeferenced access road data.



SDGE A Sempra Energy utility
INSIGNIA ENVIRONMENTAL

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0 200 400 Feet

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Attachment C:
Tree Removal Map
Phase IIb of C440
Map 15 of 16

Cleveland National Forest
Power Line Replacement Projects

NTP #27

- New Steel Pole
- Removal
- Wood-to-Steel Replacement - 12 kV Only
- Fly Yard/Staging Area
- Community/Named Access Road
- Construction-Only Access Road
- Removal
- Wood-to-Steel Replacement
- Handhole
- Pad
- Terminator
- Transformer
- Utillity Box
- Abandon in Place
- Existing Cable Replacement
- New Underground

MPR #49

- Tree Removal

- U.S. Bureau of Land Management
- U.S. Forest Service

Note:
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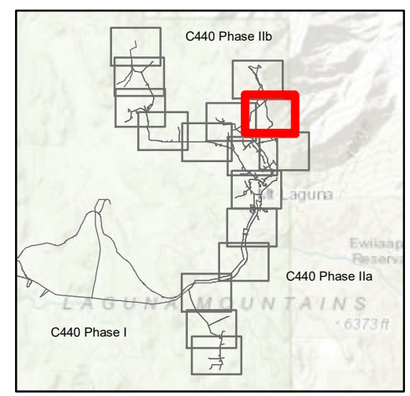

SDGE A Sempra Energy utility
INSIGNIA ENVIRONMENTAL

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0 200 400 Feet

8/27/2020

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Attachment C:
Tree Removal Map
Phase IIb of C440
Map 16 of 16

Cleveland National Forest
Power Line Replacement Projects

NTP #27

- New Steel Pole
- Removal
- Stub Pole
- Wood-to-Steel Replacement - 12 kV Only
- Fly Yard/Staging Area
- Community/Named Access Road
- Construction-Only Access Road
- Wood-to-Steel Replacement
- Handhole
- Transformer
- Utillity Box
- Existing Cable Replacement
- Existing Conduit & Cable Replacement
- New Underground

MPR #49

- Tree Removal

- U.S. Bureau of Land Management
- U.S. Forest Service

Note:
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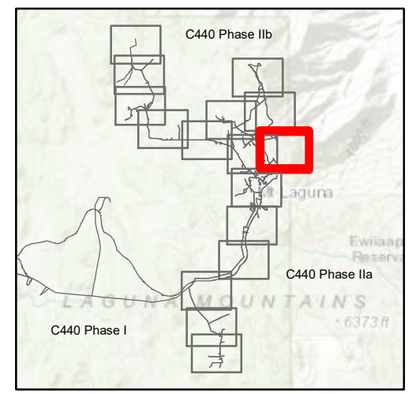

SDGE A Sempra Energy utility
INSIGNIA ENVIRONMENTAL

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ATTACHMENT D: IMPACTS TABLE

ATTACHMENT D: IMPACTS TABLE

Table 1: Impacts Table lists the temporary and permanent impacts of this Minor Project Refinement request by vegetation type.

Table 1: Impacts Table

Impact Location	Approximate Impacts (acres)		
	Native Vegetation	**Non-Native Grassland**	**Agricultural/Disturbed/ Developed/Bare Ground**
Permanent Impacts			
Trees	0.003	--	--
Total	**0.003**	--	--
Temporary Impacts			
Temporary entry/access/turnaround[10]	0.39	--	0.01
Total	**0.39**	--	**0.01**
MPR #49 Total	**0.39**	--	**0.01**

[10] The temporary entry/access/turnaround area overlaps with previously approved Notice to Proceed components. The overlapping area is not included in the impact totals.

ATTACHMENT E: TREE REMOVAL LIST

ATTACHMENT E: TREE REMOVAL LIST

Table 1: Tree Removal List includes the identification number (ID), species, disposal method, diameter at breast height, and impact information for each tree.

Table 1: Tree Removal List

Phase	Tree ID	Tree Species	Disposal Method[11]	Diameter at Breast Height (Inches)	Impacts (Square Feet)
2A	8A	Jeffery Pine	Fell tree and remove from site	20	2.18
2A	11A	Jeffery Pine	Fell tree and remove from site	20	2.18
2A	15A	Jeffery Pine	Fell tree and remove from site	21.5	2.52
2A	23A	Jeffery Pine	Fell tree and remove from site	19	1.97
2A	25A	Jeffery Pine	Fell tree and remove from site	18	1.77
2A	26A	Jeffery Pine	Fell tree and remove from site	24	3.14
2A	27A	Jeffery Pine	Fell tree and remove from site	20	2.18
2A	32A	Jeffery Pine	Fell tree and remove from site	26	3.69
2A	33A	Jeffery Pine	Fell tree, cut tree into sections, then lop/scatter the branches on site	33	5.94
2A	34A	Jeffery Pine	Fell tree, cut tree into sections, then lop/scatter the branches on site	14	1.07
2A	35A	Jeffery Pine	Fell tree and chip material into a truck on site	24	3.14
2A	37A	Jeffery Pine	Fell tree and chip material on site	25	3.41
2A	40A	Jeffery Pine	Fell tree and chip material on site	27	3.98
2A	41A	Jeffery Pine	Fell tree and chip material on site	17	1.58

[11] These disposal methods were developed in coordination with the United States Forest Service.

Phase	Tree ID	Tree Species	Disposal Method[11]	Diameter at Breast Height (Inches)	Impacts (Square Feet)
2A	42A	Jeffery Pine	Fell tree and chip material on site	22	2.64
2A	43A	Jeffery Pine	Fell tree and remove from site	26	3.69
2A	44A	Jeffery Pine	Fell tree and remove from site	18	1.77
2A	45A	Jeffery Pine	Fell tree and chip material on site	22	2.64
2A	52A	Jeffery Pine	Fell tree and chip material on site	22	2.64
2A	53A	Jeffery Pine	Fell tree and remove from site	16	1.40
2A	54A	Jeffery Pine	Fell tree and remove from site	13	0.92
2A	58A	Jeffery Pine	Fell tree and remove from site	29	4.59
2A	102A	Jeffery Pine	Fell tree and remove from site	38	7.88
2A	177A	Jeffery Pine	Fell tree and remove from site	29	4.59
2B	3B	Jeffery Pine	Fell tree and remove from site	37	7.47
2B	4B	Jeffery Pine	Fell tree and remove from site	36	7.07
2B	5B	Jeffery Pine	Fell tree and remove from site	36	7.07
2B	6B	Jeffery Pine	Fell tree and remove from site	28	4.28
2B	9B	Jeffery Pine	Fell tree and remove from site	26	3.69
2B	11B	Dead Pine	Fell tree and remove from site	29	4.59
2B	51B	Jeffery Pine	Fell tree and remove from site	21	2.41
2B	67B	Jeffery Pine	Fell tree and remove from site	36	7.07
2B	88B	Jeffery Pine	Fell tree and remove from site	21.5	2.52
2B	106B	Jeffery Pine	Fell tree and remove from site	7	0.27
2B	133B	Black Oak	Fell tree and remove from site	5	0.14
2B	182B	Black Oak	Fell tree and remove from site	6	0.20

Phase	Tree ID	Tree Species	Disposal Method[11]	Diameter at Breast Height (Inches)	Impacts (Square Feet)
2B	239B	Jeffery Pine	Fell tree and remove from site	22	2.64
2B	302B	Jeffery Pine	Fell tree and remove from site	26	3.69
2B	303B	Jeffery Pine	Fell tree and remove from site	18	1.77
2B	332B	Jeffery Pine	Fell tree and remove from site	24	3.14
2B	340B	Jeffery Pine	Fell tree and remove from site	6.5	0.23
2B	348B	Black Oak	Fell tree and remove from site	3	0.05
2B	394B	Dead Jeffery Pine	Fell tree and remove from site	11.5	0.72
				Total	**130.47**