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May 10, 2017

Lisa Orsaba Project Manager California Public Utilities Commission 505 Van Ness Avenue San Francisco, CA 94102

Re: Notice to Proceed (NTP) Request #4 to Reconstruct Phase I of the Overhead Portion of the Transmission Line (TL) 682 Component of the Cleveland National Forest Power Line Replacement Projects (Project)

Dear Ms. Orsaba:

On May 26, 2016, the California Public Utilities Commission (CPUC) granted San Diego Gas & Electric Company (SDG&E) a Permit to Construct the Project (Decision 16-05-038). The decision conditionally authorizes construction of the Project with the implementation of pre-construction mitigation measures identified in the Mitigation Monitoring, Compliance, and Reporting Program (MMCRP). A Notice of Determination was submitted to the State Clearinghouse on May 31, 2016, indicating the CPUC's approval of the Project. In addition, the following agencies issued permits or Records of Decision (RODs) to indicate their approval of the Project:

- The United States Forest Service (USFS) issued a Final ROD on March 11, 2016 and a Master Special Use Permit on September 19, 2016.
- The Bureau of Land Management issued a Final ROD on September 28, 2016.
- The Bureau of Indian Affairs issued a Final ROD on March 30, 2016.

Activity Summary

The reconstruction of TL682 will be split into multiple phases due to continued landowner negotiations and completion of final design of the underground portion of the Federally preferred alternative. Phase I will cover Pole Z118102 to the Warners Substation. SDG&E is formally requesting authorization from the CPUC to begin Phase I. Authorization to begin construction of the other phases will be addressed in separate NTP requests. Phase I of TL682 includes the following:

• the replacement of 125 existing wood poles with weathered steel poles and other appurtenant equipment;

- the removal of two existing wood poles;
- pole-top work at two existing transmission poles;
- conditional approval of Poles Z118106, Z118107, Z118114, Z118115, Z118117,
 Z118131, Z118132, and Z118168, pending USFS review of the Historic Properties Management Plan, Appendix A Update;
- reconductoring of the existing 12 kV and 69 kV conductors¹; and
- use of a previously approved staging and fly yard.

SDG&E is formally requesting authorization from the CPUC for use of the Warners Sub Staging and Fly Yard, which was included in the Project's Final Environmental Impact Report/Environmental Impact Statement (EIR/EIS) and more specifically in SDG&E's April 2015 response to Data Request #10. The yard will be used as described in Section B Project Description of the Final EIR/EIS and will include activities such as staging, assembling, and storing equipment and materials. The Warners Sub Staging Yard and Fly Yard will also be used as a fly yard for helicopter staging, take-off, and landing. The yard will be active for approximately 18 to 24 months.

Phase I of TL682 may also include activities such as existing access road maintenance, establishment of temporary work areas associated with pole replacement activities, and use of identified navigation and construction-only roads for various construction activities (e.g., pole staging and stringing). Some construction-only access roads may require vegetation trimming and/or minor grading, but they will be returned to pre-construction conditions upon completion of the reconstruction of TL682. SDG&E will utilize public and named roads, as well as existing access roads, for travel to and from the Project. In addition, SDG&E will continue to minimize impacts to natural areas to the fullest extent feasible by utilize existing bare ground areas for parking and other construction-related activities along the Project alignment. All activities as described above will be consistent as described in Section B Project Description in the Project's Final EIR/EIS.

Attachment A: NTP #4 Components Map depicts the pole removal/replacement sites, stringing sites, staging/fly yard, and access roads required to reconstruct Phase I of TL682, as described by the Project's EIR/EIS.² Section B of the Project's Final EIR/EIS describes and analyzes construction methods, equipment, and procedures for removing and installing poles and conductors; allowed temporary work areas; material staging and storage; and access road maintenance. Reconstruction of TL682 will occur in accordance with the descriptions provided in Section B of the Final EIR/EIS.

Upon completion of construction activities on this component, all areas of temporary disturbance will be recontoured and restored to pre-construction conditions to the extent practicable. Cleanup work will include removal of any temporary facilities not required for other approved Project activities, as well as collection and proper disposal of any waste, trash, and debris.

¹ 12 kV underbuilt that will be reconductored along the TL682 alignment occurs from Pole Z118106 to Pole Z118152 and from Pole Z118232 to Pole Z118235.

² Public and named roads that will be used for construction are not specifically identified in Attachment A: NTP #4 Components Map, but approved access roads are.

Reconstruction of Phase I of TL682 is anticipated to take approximately 12 months from initial mobilization through construction completion, beginning in May 2017 and ending in May 2018.

Table 1: Temporary Impact Acreage provides the temporary impacts associated with all work areas for Phase I of TL682.

Table 1: Temporary Impact Acreage

Temporary Impact Location	Native Vegetation (Acres)	Non-Native Grassland (Acres)	Agricultural/Disturbed/ Developed/Bare Ground (Acres)		
Pole Work Areas	1.87	1.61	0.63		
Anchor Work Areas	0.06	0.03	< 0.01		
Access/Entry/Turnaround	0.04	0.16			
Stringing Sites	0.18	1.36	0.57		
Access Roads ³	0.56	0.22	0.32		
Warners Sub		4.18	0.36		
TL682 Phase I Total	2.71	7.56	1.88		
Project Total to Date ⁴	13.01	14.30	42.30		

Pre-Construction Mitigation Measures

A list of all pre-construction mitigation measures identified in the MMCRP and relevant to Phase I of TL682 is provided in Attachment B: Pre-Construction Status Report of this NTP request. To facilitate tracking and implementation, each mitigation measure has been organized into tasks so that the various elements of each mitigation measure can be tracked separately. Attachment B: Pre-Construction Status Report provides the full text of each measures for Phase I, as well as the corresponding completion status and details on the status. Certain pre-construction submittals will apply to multiple phases of the TL682 reconstruction, which will be made explicitly clear during each submittal. No construction work will occur until all of the applicable pre-construction measures are fulfilled.

³ SDG&E uses three types of access roads—maintained, navigation, and construction only. Construction-only access roads can sometimes require improvements and maintenance, which create temporary impacts to vegetation.

⁴ The total temporary impact acreage for the Project includes Phase I of TL682, as well as Revised NTP #1; Minor Project Refinement (MPR) #1; NTP #2; MPR #2; and pending MPR #4. Temporary impacts due to outrigger adjustments and workspace adjustments will be totaled following completion of construction on each component. Currently, there are no components where construction is complete.

SDG&E respectfully request authorization of this NTP request by May 19, 2017 in order to begin construction activities along TL682 and meet the overall Project schedule. Should you have any questions or need additional information, please do not hesitate to contact me at (XXX) XXX-XXXX.

Sincerely,

Kjustii Reynolds

Kirstie Reynolds Environmental Compliance Lead SDG&E

Attachment A: NTP #4 Components Map Attachment B: Pre-Construction Status Report

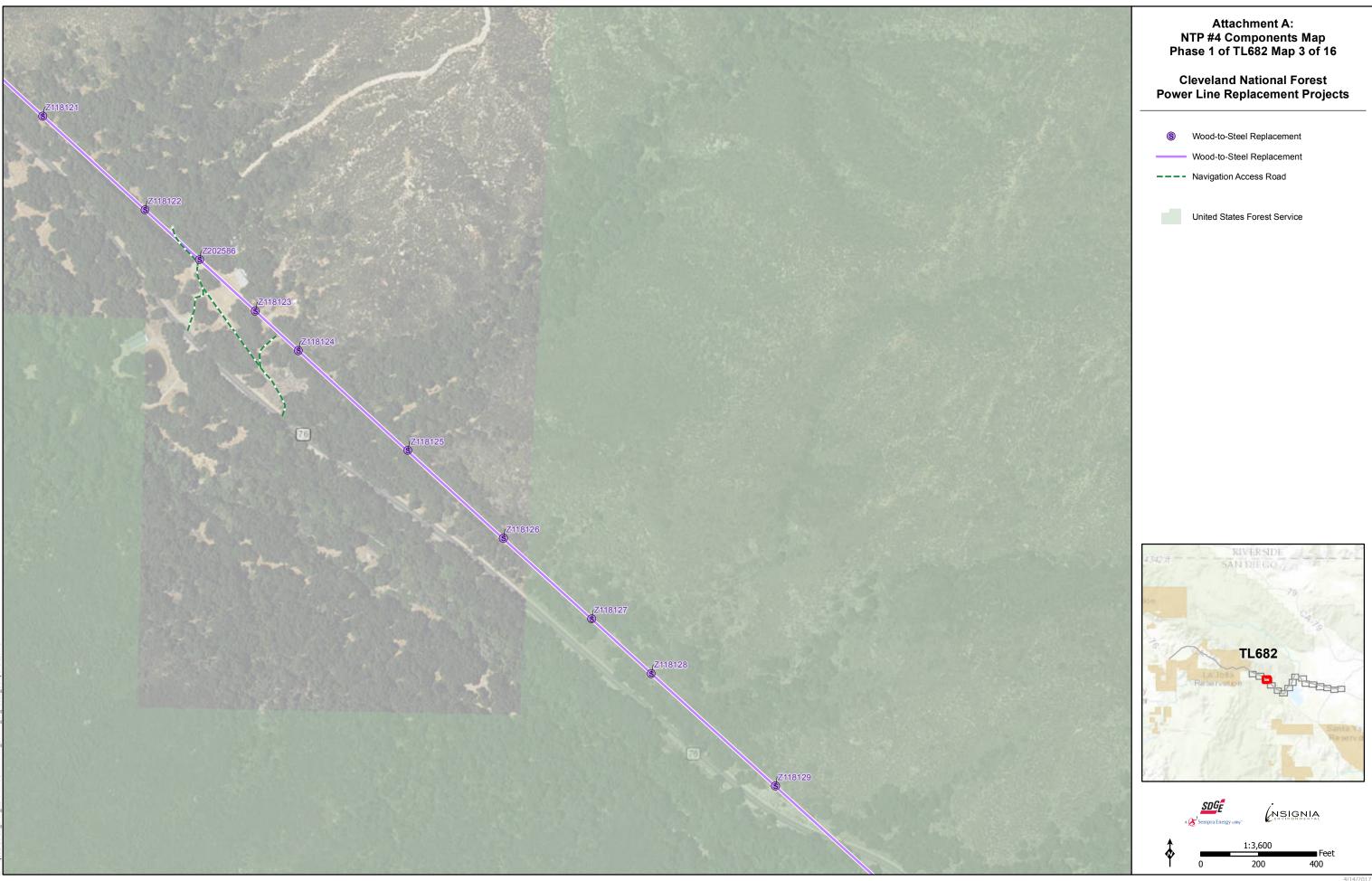
cc:

Allison Rice, Dudek
Brad Aughinbaugh, USFS
KD Tyree, USFS
Tim Knowd, SDG&E
Nikki Morgan, SDG&E
Edith Moreno, SDG&E
Jennifer Kaminsky, SDG&E
Heidi Waitley, SDG&E
Jim Vanlandingham, SDG&E
Rachel Ruston, SDG&E
Anne Marie McGraw, Insignia Environmental (Insignia)
Fred Bauermeister, Insignia
Jeff Coward, Insignia
Erin Tomaras, Insignia

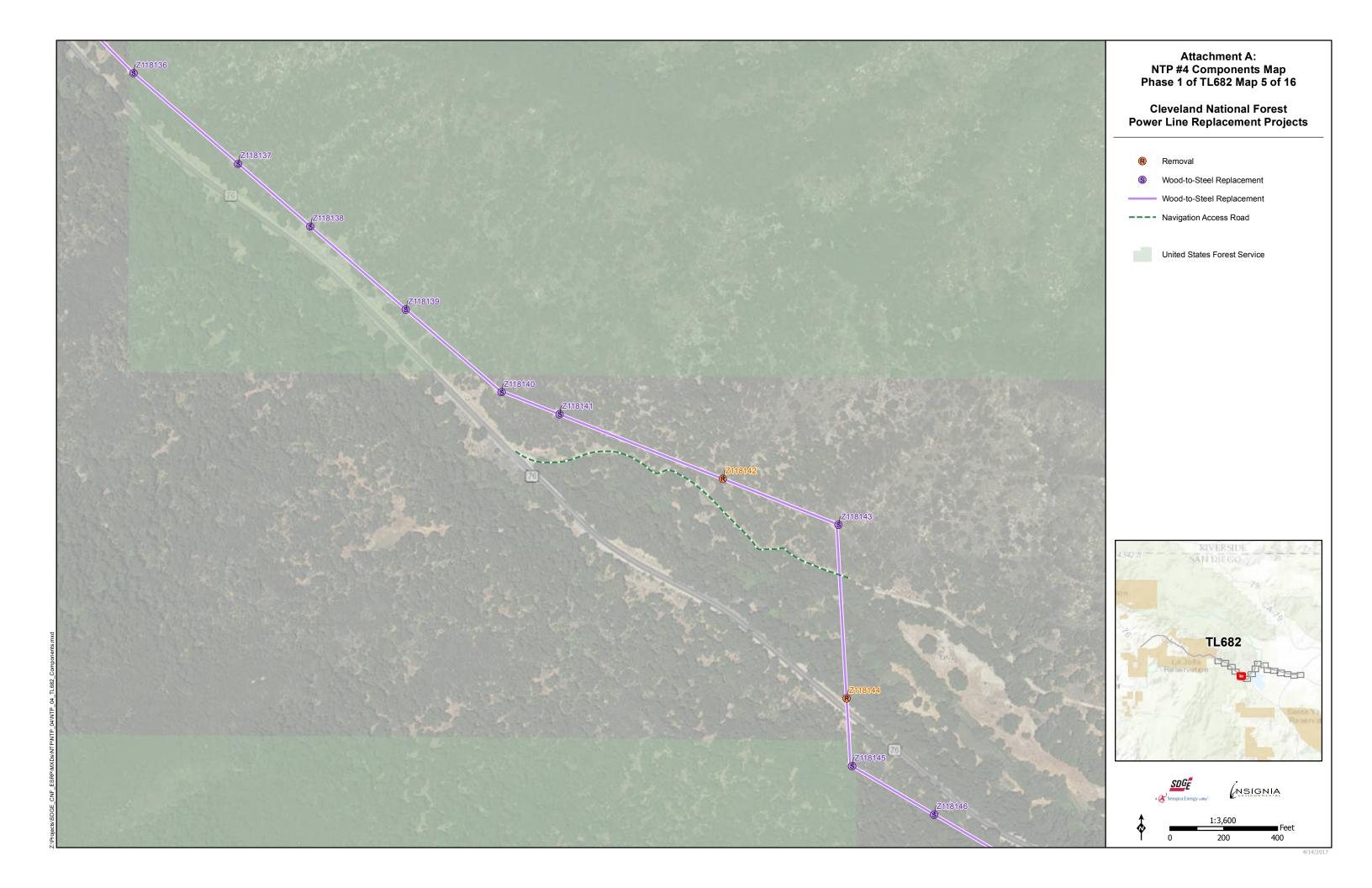
ATTACHMENT A: NTP #4 COMPONENTS MAP







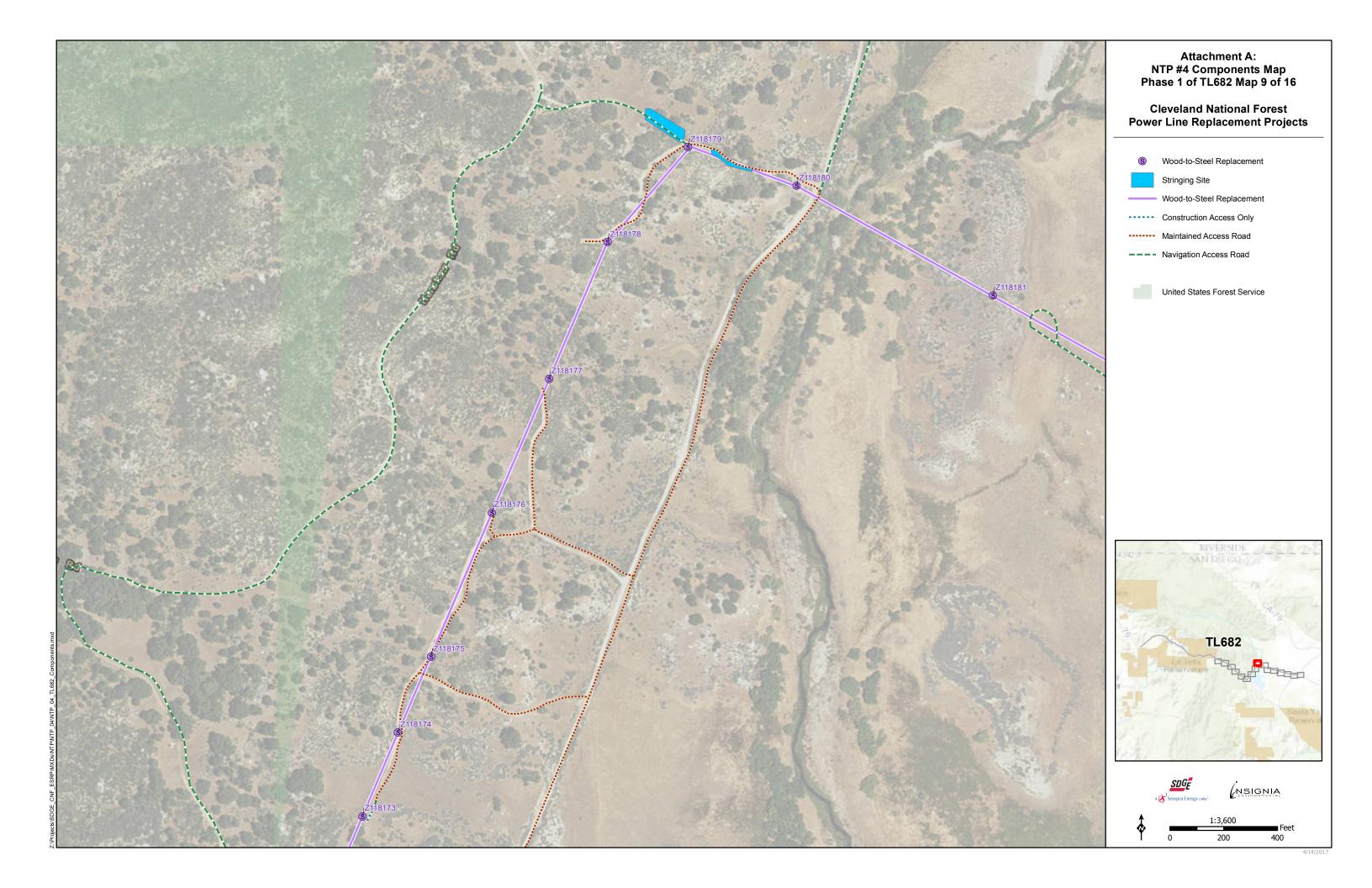


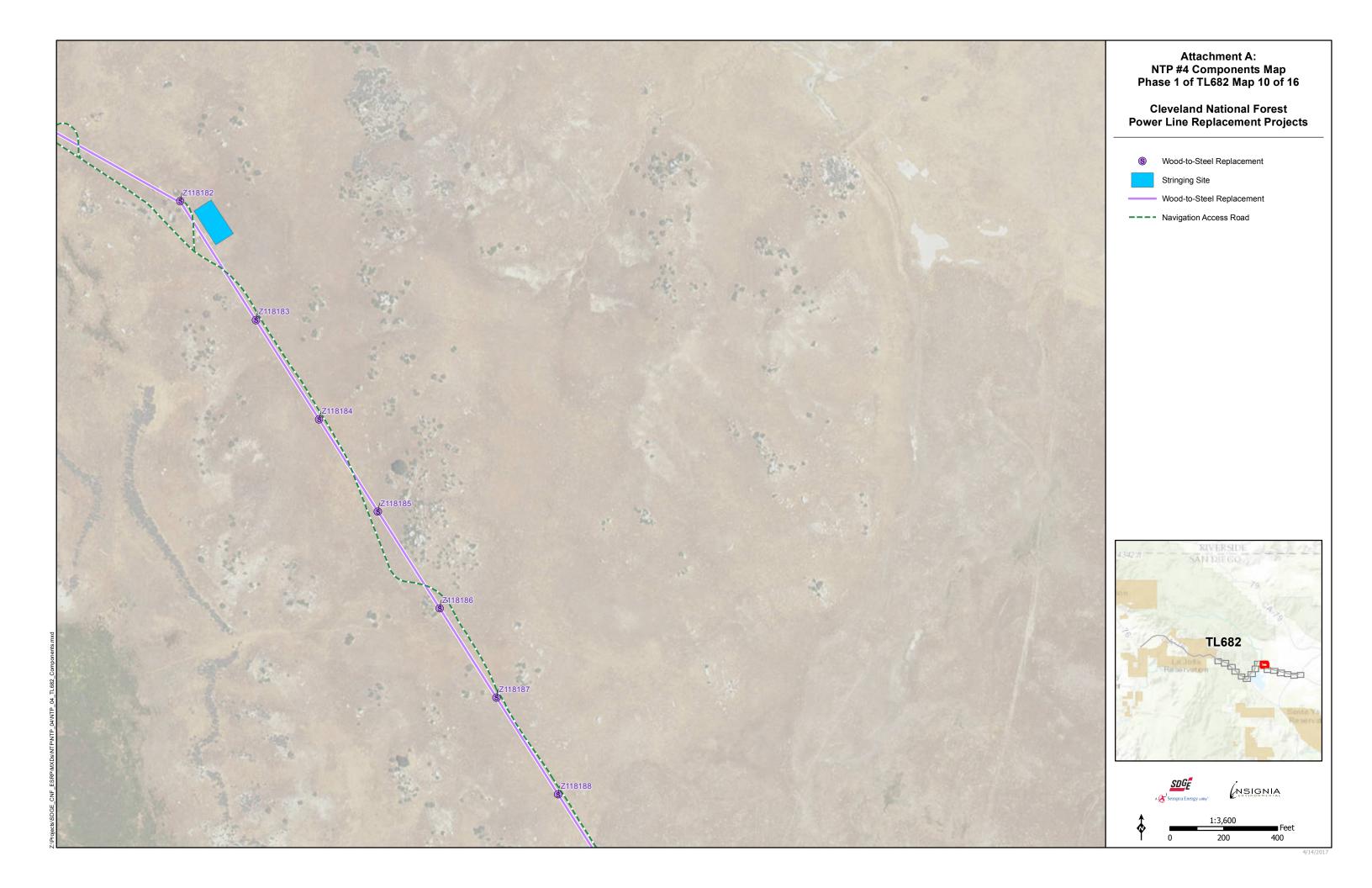






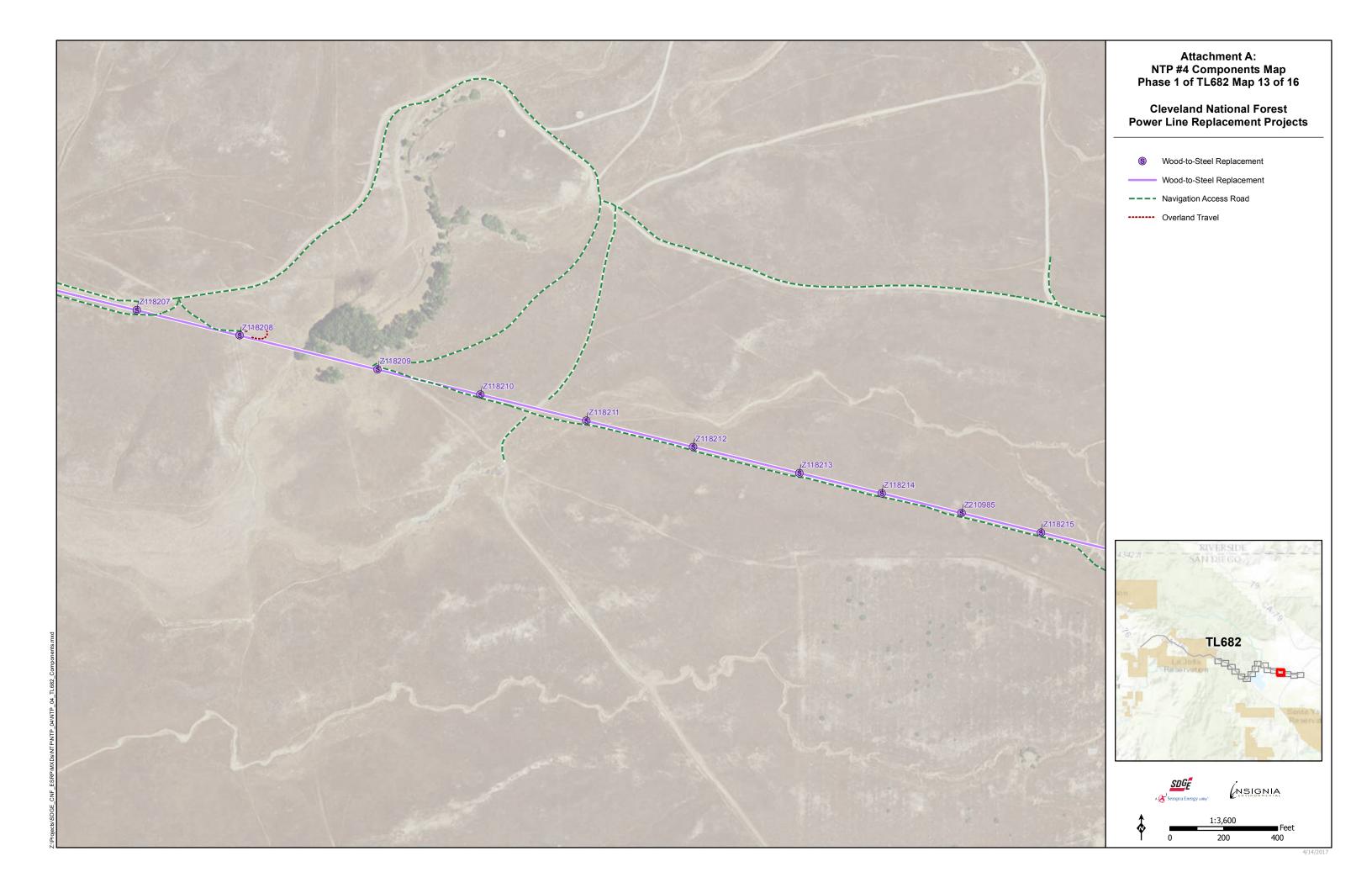


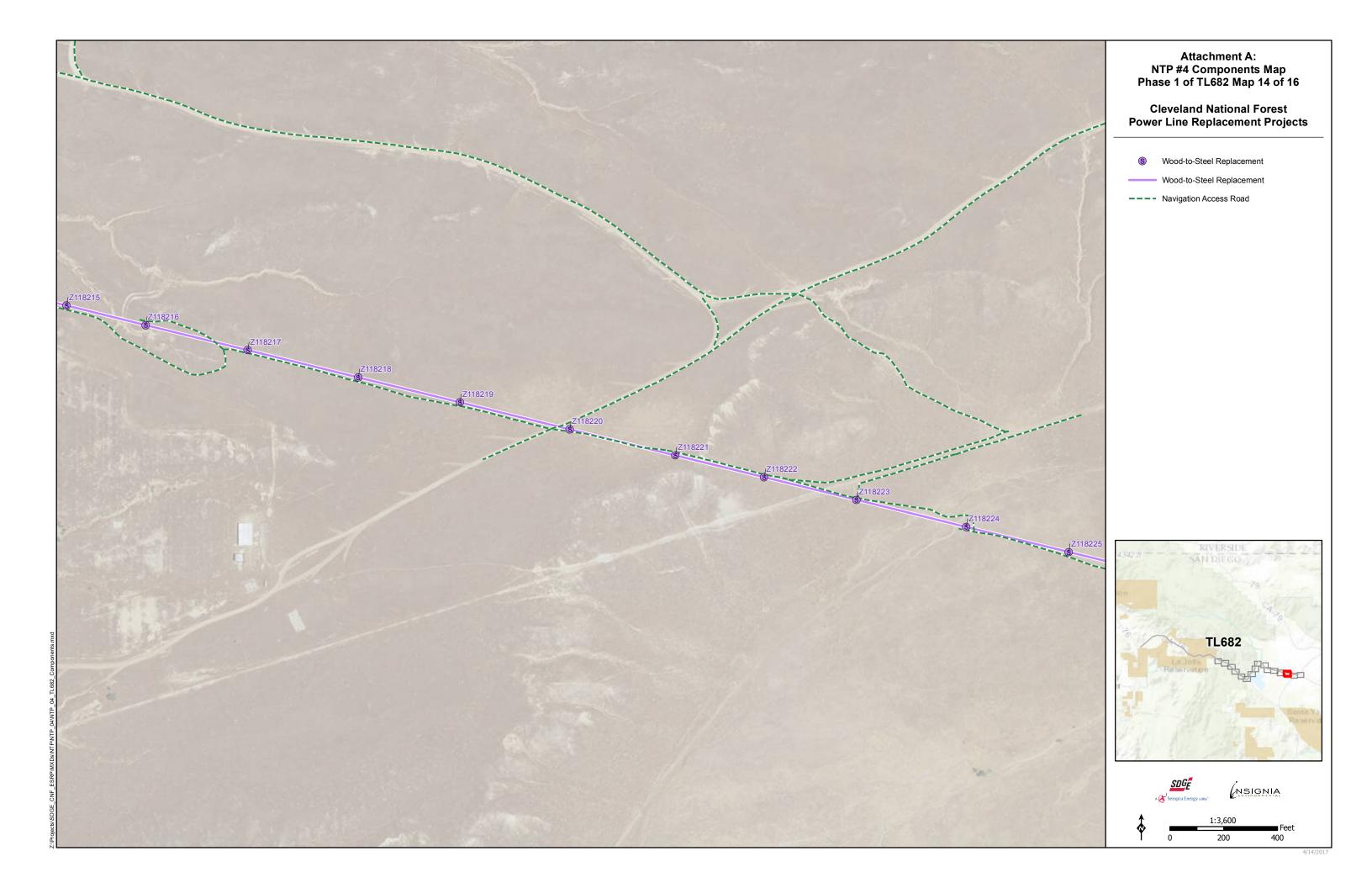


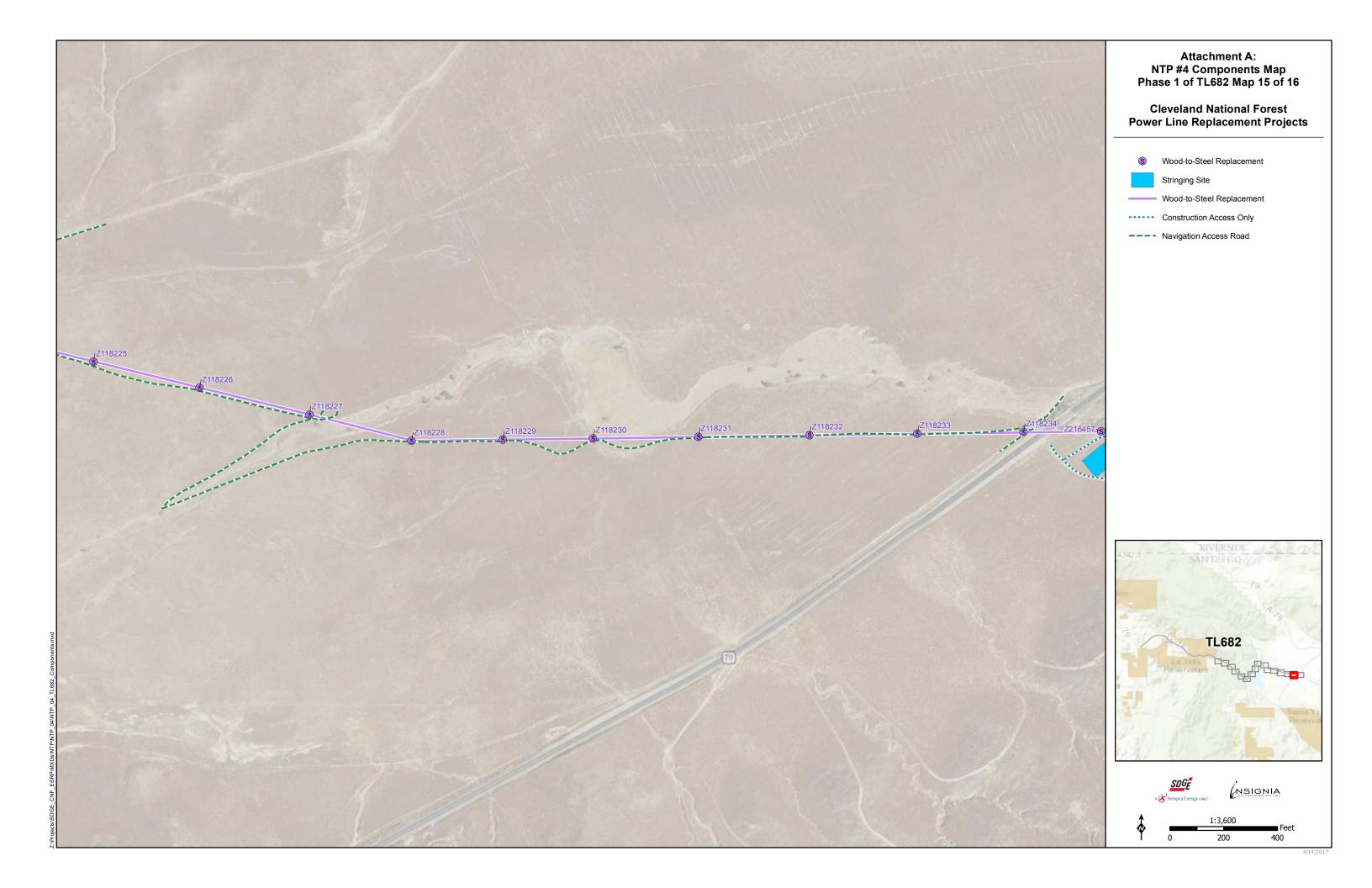


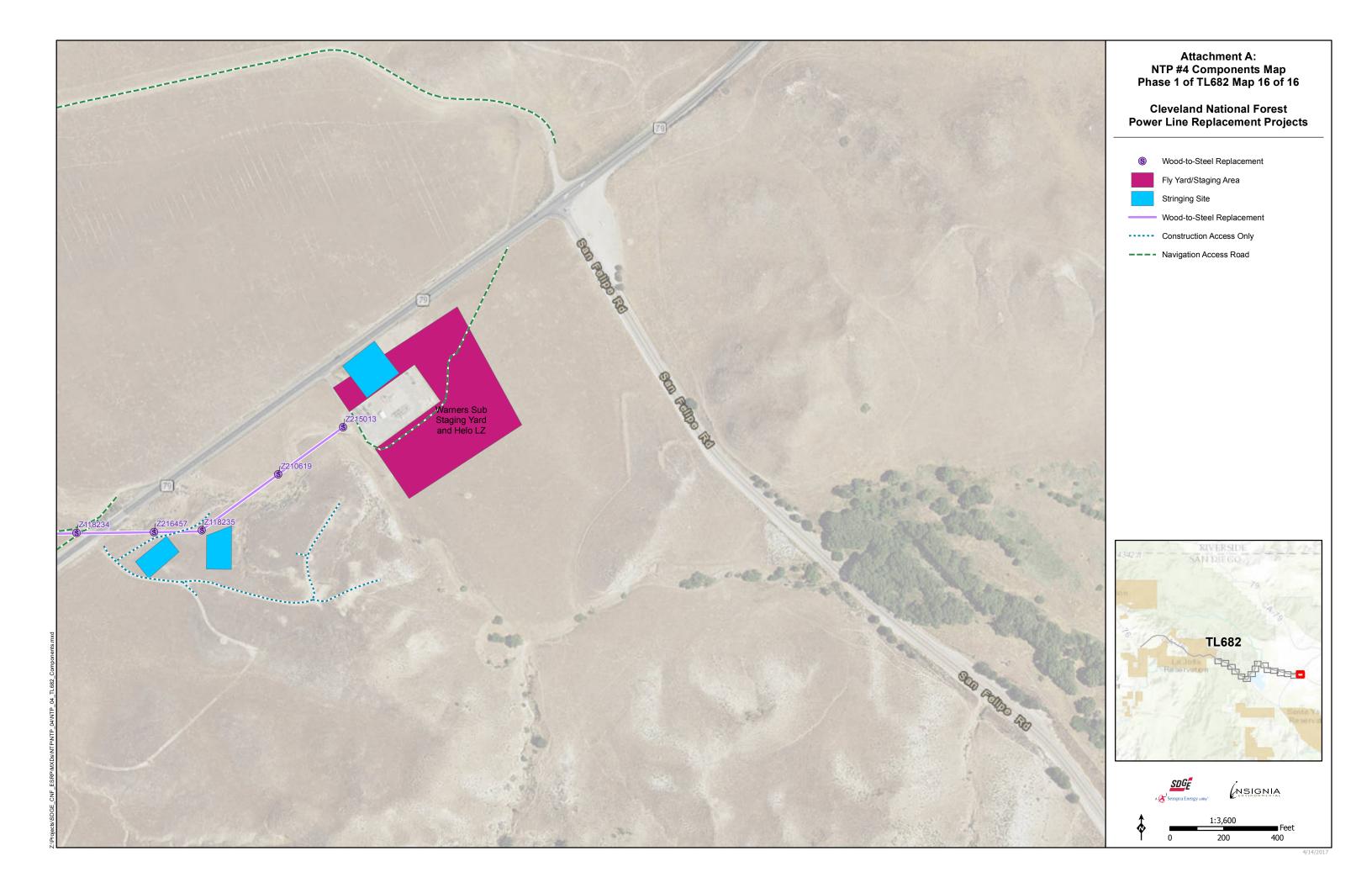












ATTACHMENT B: PRE-CONSTRUCTION STATUS REPORT

Attachment B: Pre-Construction Status Report

		•	nented During Const Fo Be Implemented I	ruction -Complete mmediately Prior to Construction -Not Applicable			
[•	nented Following Co				
Report Criteria: SOURCE: MMCR TIMING: Design; LOCATION: TL68	; Desigi		uring; Design and	Post; Pre; Pre and During; Pre and Post; Pre, During, and Post			
	2 Phase I						
Measure Category Title	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
Visual	VIS-01	01	Scenery Conservation Plan	SDG&E shall file with the CPUC a Scenery Conservation Plan that is approved by the Forest Service and provided to other applicable jurisdictional agencies for review and comment. Each 69 kV power line or 12 kV distribution line segment will be covered under an individual section of the plan, and each section will be reviewed and approved by the appropriate agencies prior to any ground-disturbing activities for the specific segment. The purpose of this plan is to identify and implement specific actions that will minimize the project's visual disturbance to the naturally established scenery. Specific actions shall also be identified and implemented for individual poles to protect existing views from established scenic vistas and roadways located outside of the CNF. Power and distribution line support towers shall be designed to minimize their visual prominence and contrast to the natural landscape. Individual poles anticipated to create adverse effects to scenic vistas and/or particularly noticeable visual contrast in existing views shall be designed, located, shaped, textured, and/or screened as necessary to minimize their visual contrast, blend and complement the adjacent forest and community character. Methods such as limiting the number of climbing pegs and identifying less visually intrusive pole markings for high voltage lines, consistent with CPUC requirements, shall be considered. SDG&E shall also be required to provide photorealistic visual simulations of typical proposed designs that include design features that may be incorporated into poles identified for visual treatment to demonstrate the effectiveness of such features in reducing visual contrast and prominence as viewed from sensitive viewsheds.	The USFS approved the Scenery Conservation Plan on September 8, 2016. A final copy of the plan was provided to the CPUC for its records on September 8, 2016. An updated plan that includes TL682 was submitted to the USFS on March 22, 2017. The Scenery Conservation Plan will be implemented during construction.	Pre and During	Pending
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Visual	VIS-02	01	CNF Land Management Plan Amendment	If the Forest Service selects to fire harden TL626, TL629, TL6923 or C157 or relocate TL626 (Options 1,2,3a,3b,4 and 5, it would have to approve a project-specific CNF Land Management Plan Amendment contemporaneously with the decision to authorize the MSUP and pole replacement project. The project-specific plan amendment would amend the Land Management Plan to allow project-specific exemptions for inconsistencies with the CNF Land Management Plan scenic integrity objectives.	TL682 was not identified in the Final EIR/EIS or ROD as conflicting with the Scenic Integrity Objectives established in the 2005 Land Management Plan or the 2014 Land Management Plan Amendment for the CNF; therefore, this measure is not applicable.	Pre	N/A
Visual	VIS-02	02	CNF Land Management Plan Amendment	SDG&E would be required to compensate the Forest Service for the loss in scenic quality associated with the negative scenery effects that are inconsistent with the LMP scenic integrity objectives. Compensation shall be accomplished through agency approved scenery restoration activities, fee-payment for scenery restoration projects, or preservation of comparable lands.	TL682 was not identified in the Final EIR/EIS or USFS ROD as conflicting with the Scenic Integrity Objectives established in the 2005 Land Management Plan or the 2014 Land Management Plan Amendment for the CNF; therefore, compensatory mitigation is not required, and this measure is not applicable.	Pre	N/A
_	APM- BIO-02		Plant and Wildlife Surveys	All work areas will be surveyed for special-status plant and wildlife species by a qualified biologist prior to the commencement of construction in accordance with SDG&E's pre-activity survey report requirements.	A qualified biologist conducted a pre-activity survey of this component in accordance with SDG&E's Subregional NCCP operational protocols in March 2017. Documentation of the pre-activity survey report's submittal to the USFWS and CDFW will be provided to the CPUC and USFS prior to construction.	Pre	Pending

the approved work limits, and in the event any work occurs beyond the approved limits, it shall be reported by SDG&E's

compliance team in accordance with the Mitigation Monitoring, Compliance, and Reporting program (see Section H).

restricted access signage will be installed at

work areas outside of SDG&E exclusive-use easements immediately prior to construction.

Comments Timing Status

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Title	

Biological Resources	BIO-02	01	Contractor Training	Conduct contractor training for all construction staff. Prior to construction, all developer, contractor, and subcontractor personnel shall receive training regarding the appropriate work practices necessary to implement the mitigation measures and comply with environmental regulations, including plant and wildlife species avoidance, impact minimization, and best management practices. Sign-in sheets and hard hat decals shall be provided that document contractor training has been completed for construction personnel.	All construction personnel will attend the required Worker Environmental Awareness Program training immediately prior to working on the Project and will receive a hard-hat decal to indicate that they have attended the training. Training sign-in sheets will be submitted with the Weekly Environmental Compliance Report during construction.	Pre and During	To Be Implemented Immediately Prior to Construction
Biological Resources	BIO-03	01	Biological Monitoring	Conduct biological construction monitoring. An authorized biological monitor must be present at the construction sites during all initial ground-disturbing and vegetation-removal activities in undeveloped areas (i.e., not roads or existing developed areas). The monitor shall survey the construction project footprint and surrounding areas for compliance with all environmental specifications. Weekly biological construction monitoring reports shall be prepared and submitted to the appropriate permitting and responsible agencies through the duration of the ground-disturbing and vegetation-removal construction phase. Monthly biological construction monitoring reports shall be prepared and submitted through the duration of project construction to document compliance with environmental requirements.	Biologist qualifications were submitted to the CPUC and USFS for approval on July 21, 2016, and were resubmitted on August 19 and 26, 2016. The CPUC approved the qualifications on August 30, 2016; and the USFS approved the qualifications on August 23 and 29, 2016. Additional biologist qualifications were submitted to the CPUC and USFS for approval on September 16, 2016. The CPUC approved the qualifications on September 21, 2016; and the USFS approved the qualifications on September 27, 2016. All biologists on the Project have been approved by the CPUC and USFS. Biologists that were identified as "Trainees Only" by the USFS will only conduct monitoring on private lands or under the supervision of a fully approved biologist on USFS-managed lands. Biological monitoring results will be submitted within the Weekly Environmental Compliance Report.	Pre and During	To Be Implemented During Construction
Biological Resources	BIO-04	01	Habitat Restoration	Restore all temporary construction areas pursuant to a Habitat Restoration Plan (HRP). All previously undisturbed temporary work areas not subject to long-term use or ongoing vegetation maintenance shall be revegetated with native species characteristic of the adjacent native vegetation communities in accordance with a Habitat Restoration Plan as described in SDG&E NCCP 7.2 Habitat Enhancement Measures. Restoration techniques may include the following: hydroseeding, hand-seeding, imprinting, and soil and plant salvage. Any salvage and relocation of species considered desert native plants shall be conducted in compliance with the California Desert Native Plant Act. The HRP shall include success criteria and monitoring specifications and shall be approved by the permitting agencies prior to construction of the project. At the completion of project construction, all construction materials shall be completely removed from the site. Topsoil located in areas to be restored will be conserved and stockpiled during the excavation process for use in the restoration of sites requiring restoration. Wherever possible, vegetation will be left in place or mowed, and not grubbed, or the NCCP, to avoid excessive root damage and allow for natural regrowth following construction. Temporary impacts shall be restored sufficient to compensate for the impact to the satisfaction of the permitting agencies (depending on the location of the impact). If restoration of temporary impact areas does not meet success criteria per the HRP, the temporary impact shall be considered a permanent impact and compensated accordingly (see MM BIO-5). Specifically, the HRP will include the following sections: Introduction; Mitigation Measure Summary; Plan Objectives; Plan Implementation; Pre-Construction Documentation; Clearing and Grading; Cleanup; Seeding; Other Planting Methods- Schedule- Restoration; Seeding and Planting- Restoration Monitoring; Monitoring Success Criteria, and Remedial Measures; Reporting; Completion of Restoration Program- Referen	The Habitat Restoration Plan was approved by the CPUC and USFS on August 11, 2016. Jeffry Coward was approved as a Habitat Restoration Specialist by the CPUC on September 14, 2015 and by the USFS on October 26, 2015. Cecilia Meyer-Lovell was approved as a Habitat Restoration Specialist by the CPUC on May 31, 2016 and by the USFS on May 23, 2016. The Habitat Restoration Plan will be implemented during construction.	Pre, During, and Post	To Be Implemented During Construction

Location: TL682 Phase I

Measure Category MMNo TaskNo Mitigation Measure Task Text

Biological BIO-06 01 Fire Prevention To Be Implemented During Implement fire prevention best management practices during construction and operation activities. Fire prevention best The Construction Fire Prevention/Protection Pre and Construction Resources management practices shall be implemented during construction and operation of the project as specified by the Construction Plan was approved by the USFS on June 17, During Fire Prevention/Protection Plan (to be developed as required under MM FF-1 and MM FF-2). The PALS system will be followed 2016 and the CPUC on July 29, 2016. An for any work on National Forest System lands. updated plan was submitted to the CPUC and USFS on September 30, 2016, but no approval was required. Fire prevention BMPs will be implemented during construction in accordance with the plan. Biological BIO-07 **SWPPP** Prepare and implement a Stormwater Pollution Prevention Plan. Prepare a Stormwater Pollution Prevention Plan pursuant to the Phase I reconstruction of TL682 will be enrolled Pre and Pending Resources specifications described in APM HYD-05 and MM HYD-1. under the Construction General Permit (Order During 2009-0009-DWQ [as amended by 2010-0014-DWQ and 2012-006-DWQ]). Permit Registration Documents, which includes a NOI and a SWPPP, will be electronically filed to the State Water **Resources Control Board's Storm Water** Multiple Applications and Report Tracking System prior to construction. The SWPPP and NOI approval (Waste Discharge Identification Number) will be submitted to the CPUC and USFS prior to construction. The SWPPP will be implemented during construction. Biological BIO-09 01 Pole Replacement SDG&E shall identify all proposed replacement pole locations within the vicinity of Riparian Conservation Areas (RCAs) to identify A map of pole and access road locations in the Pre and Pending Resources with RCAs those poles and associated access roads that can be reasonably relocated outside these areas and consult with the Forest Service vicinity of Riparian Conservation Areas on USFS- During for authorization of their relocation and proposed placement. These Forest Service requirements will only apply to National managed lands will be submitted to the CPUC Forest System lands. and USFS prior to construction. Biological BIO-10 01 Limit Impacts to Limit temporary and permanent impacts to jurisdictional features to the minimum necessary. Formal jurisdictional delineation Surveys for jurisdictional wetlands and waters Pre and N/A Jurisdictional Resources and permits are required prior to construction for all work areas located within or adjacent to jurisdictional wetlands and waters. were completed in accordance with MM BIO-During Features The applicant shall obtain and implement the terms and conditions of agency permit(s) for unavoidable impacts to jurisdictional 10. No impacts to jurisdictional wetlands and wetlands and waters. All construction areas, access to construction areas, and construction-related activities shall be strictly waters from SDG&E's final design and planned limited to the areas within the approved work limits and delineated with stakes and/or flagging that shall be maintained construction activities were identified for Phase throughout the construction period. The project applicant shall obtain applicable permits and provide evidence of permit I of this component. Therefore, no additional approval, which may include but not be limited to a Clean Water Act Section 404 Permit from the ACOE, a Clean Water Act jurisdictional permits will be obtained and Section 401 water quality certification from the RWQCB, and a Section 1602 Streambed Alteration Agreement with the California existing permits, such as the Streambed Department of Fish and Wildlife for impacts to jurisdictional features prior to project construction. These permits are anticipated Alteration Agreement received on September to be approved under the MSUP. The terms and conditions of these authorizations shall be implemented. 22, 2016, will not be utilized at this time.

Comments

Timing Status

leasure Category tle	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
iological esources	BIO-10	02	Limit Impacts to Jurisdictional Features	In addition, prior to conducting work or establishing the final design of a selected transmission line alignment, a planning-level assessment of aquatic resources will be conducted to identify the environmentally preferred alternative. The assessment will include review of the National Hydrography Dataset, National Wetland Inventory, U.S. Geological Survey topographic maps, high-resolution digital photography, and necessary field checking. Once the environmentally preferred alternative is identified, a jurisdictional delineation will be conducted of the selected transmission line to ensure the final design is the Least Environmentally Damaging Practicable Alternative (LEDPA) and is in compliance with the Clean Water Act (CWA) Section 404(b)(1) Guidelines. The CWA Section 404 permit authorization will be obtained for any discharges into waters of the United States and the widths of access roads and construction of bridges over waters of the United States will be minimized to the extent feasible.	Surveys for jurisdictional wetlands and waters were completed in accordance with MM BIO-10. No impacts to jurisdictional wetlands and waters from SDG&E's final design and planned construction activities were identified for Phase I of this component. Therefore, no additional jurisdictional permits will be obtained and existing permits, such as the Streambed Alteration Agreement received on September 22, 2016, will not be utilized at this time.	Pre	N/A
Biological Resources	BIO-11	01	Habitat Creation, Enhancement, Preservation, or Restoration	Implement habitat creation, enhancement, preservation, and/or restoration pursuant to a wetland mitigation plan to ensure no net loss of jurisdictional waters and wetlands. Temporary and permanent impacts to all jurisdictional resources shall be compensated through a combination of habitat creation (i.e., establishment), enhancement, preservation, and/or and restoration at a minimum of a 1:1 ratio or as required by the permitting agencies. Any creation, enhancement, preservation, and/or restoration effort shall be implemented pursuant to a Habitat Restoration Plan, which shall include success criteria and monitoring specifications, and shall be approved by the permitting agencies prior to construction of the project. A habitat restoration specialist will be designated and approved by the permitting agencies and will determine the most appropriate method of restoration. Restoration techniques may include hydroseeding, hand-seeding, imprinting, and soil and plant salvage (as discussed in SDG&E NCCP 7.2 Habitat Enhancement Measures). Temporary impacts shall be restored sufficient to compensate for the impact to the satisfaction of the permitting agencies (depending on the location of the impact). If restoration of temporary impact areas is not possible to the satisfaction of the appropriate agency, the temporary impact shall be considered a permanent impact and compensated accordingly. All habitat creation and restoration used as mitigation for the proposed project on public lands shall be located in areas designated for resource protection and management. All habitat creation and restoration used as mitigation for the proposed project on private lands shall include long-term management and legal	No impacts to jurisdictional waters from SDG&E's proposed construction activities were identified for Phase I of this component; therefore, there will be no net loss of jurisdictional waters or wetlands at this time and mitigation is not required.	Pre and During	N/A

Where drainage crossings are unavoidable, construct access roads at right angles to drainages. Unless not possible due to

resources and prevent impacts along the length of jurisdictional features.

existing landforms or site constraints, access roads shall be built perpendicular to drainages to minimize the impacts to these

protection assurances.

BIO-12 01

Drainage Crossing

Requirements

Biological

Resources

Pre and N/A

During

No new access roads will be constructed for

Phase I of this component; therefore, this

measure is not applicable.

Location: TL682 Phase I

Measure Category MMNo TaskNo Mitigation Measure Task Text

Title Biological BIO-13 01 Special Status Plant Conduct preconstruction surveys for special status plants in areas not accessible during previous rare plant surveys. Prior to The resumes of the qualified biologists were re and Complete Resources Surveys construction, San Diego Gas & Electric (SDG&E) shall retain a qualified biologist approved by the California Public Utilities approved in September 2015 and April 2016 by During Commission (CPUC) and Forest Service to conduct a focused rare plant survey on site during the time period when the previously the CPUC and the USFS. Pre-construction described special-status plant species are detectable. Table D.4-123 in EIR/EIS describes the 40 blooming plant species that shall surveys for special-status plant species were be surveyed, months they shall be surveyed (i.e., blooming periods), and the TL/circuits on which they occur. Cuyamaca cypress completed in 2016 in areas of TL682 that were and tecate cypress can be surveyed anytime of the year. Surveys shall be conducted in areas not included during rare plant not accessible during previous rare plant surveys (see Chambers Group Inc. 2012b, Table 2). Of the 40 species described, there is some potential for 8 of these species to surveys. The Special-Status Plant Survey Report occur in vernal pools, including California Orcutt grass*, Cuyamaca larkspur, long-spined spineflower, Orcutt's brodiaea*, San was submitted to the CPUC and USFS on Diego goldenstar*, San Diego thornmint*, Santa Lucia dwarf rush, and variegated dudleya*. These 8 species are also included in December 21, 2016. Table D.4-12. These species will also be protected through implementation of, the SDG&E Natural Community Conservation Plan (NCCP), and through avoidance of impacts to wetlands (MM BIO-10 through MM BIO-12). Locations of special-status plants shall be identified and inventoried. The qualified biologist shall supervise construction activities within the vicinity of areas identified as having special-status plant species. Impacts to special-status plant species shall be avoided to the maximum extent possible by installing fencing or flagging, marking areas to be avoided in construction areas, and limiting work in areas identified as having special-status plant species to periods of time when the plants have set seed and are no longer growing. Where impacts to special-status plant species are unavoidable, the impact shall be quantified and compensated through off-site land preservation and/or plant salvage and relocation as determined by the qualified biologist and approved by the CPUC. Alternatively, if the special-status plant species in question is a Covered Species within the SDG&E NCCP, mitigation consistent with measures established in the NCCP shall be provided. The results of the focused plant surveys and measures outlined above that will be implemented by SDG&E in the event special-status plant species are identified within the biological survey area shall be provided to CPUC and Forest Service. CPUC and Forest Service will review and approve the rare plant survey report and recommended avoidance or mitigation approached prior to issuance of a notice to proceed. BIO-14 01 Biological **Special Status Plant** Install fencing or flagging around identified special-status plant species populations in the construction areas. Prior to the start of Qualified biologists were approved by the USFS Pre and **Pending** Resources Fencing/Flagging construction, a qualified biologist shall conduct focused surveys during the appropriate blooming period for special-status plant and the CPUC in September 2015 and April During species for all construction areas. All of the special-status plant locations shall be recorded using a Global Positioning System 2016 to conduct focused rare plant surveys. (GPS), which will be used to site the avoidance fencing/flagging. Special-status plant species shall be avoided to the maximum Notification of planned special-status plant extent possible by all construction activities. The boundaries of all special-status plant species to be avoided shall be delineated species surveys was provided on April 14 and in the field with clearly visible fencing or flagging. The fencing/flagging shall be maintained for the duration of project August 16, 2016. Focused special-status plant surveys were conducted in the spring and construction activities. summer of 2016. GIS shapefiles reflecting the results of the surveys and the locations of special-status plant species occurrences were submitted to the CPUC and USFS on November 2, 2016. Workspace and Sensitive Resources Maps depicting special-status plant occurrences in the area and locations of fencing/flagging will be submitted to the CPUC and USFS prior to construction. Special-status plant species will be fenced or flagged immediately prior to

Comments

construction.

Timing Status

Location: TL682 Phase I Measure Category MMNo TaskNo Mitigation Measure Task Text Comments Timing Status Title BIO-15 01 Biological Special-Status Plant To Be Implemented During Implement special-status plant species compensation. Impacts to special-status plant species shall be maximally avoided. Where The Special-Status Plant Species Salvage and Pre and Compensation Construction Resources impacts to special-status plant species are unavoidable, the impact shall be quantified and compensated through off-site land Relocation Plan was approved by the CPUC on During preservation and/or plant salvage and relocation. Where off-site land preservation is biologically preferred, the land shall contain August 22, 2016 and by the USFS on August 24, comparable special-status plant resources as the impacted lands and shall include long-term management and legal protection 2016. SDG&E will implement the Special-Status assurances to the satisfaction of the Forest Service. Land preservation must be completed within 36 months of initiation of Plant Species Salvage and Relocation Plan prior construction. Where salvage and relocation is demonstrated to be feasible and biologically preferred, it shall be conducted to initial ground-disturbing activities. The pursuant to an agency-approved plan that details the methods for salvage, stockpiling, and replanting, as well as the approved Habitat Restoration Plan will be characteristics of the receiver sites. Any salvage and relocation plans shall be approved by the permitting agencies prior to implemented during and after construction for project construction. Any salvage and relocation of species considered desert native plants shall be conducted in compliance with impacts to sensitive plant species. If the California Desert Native Plant Act. Success criteria and monitoring shall also be included in the plan. If salvage and relocation unavoidable impacts occur and off-site land is not possible to the satisfaction of the Forest Service, off-site land preservation shall be required. Forest Service requirements preservation is required, documentation of offwill only apply to National Forest System lands. site land preservation will be completed within 36 months of initiation of construction and will be implemented where biologically preferred, based on monitoring effectiveness of specialstatus plant salvage and/or transplantation through established success criteria, as described in the Special-Status Plant Species Salvage and Relocation Plan. BIO-16 01 Biological Special-Status Qualified biologists were approved by the USFS Pre Install fencing or flagging around identified special-status butterfly host species populations in the construction areas and road **Pending Butterfly Fencing** Resources maintenance. Prior to the start of construction, a qualified biologist shall conduct focused surveys during the appropriate and CPUC in September 2015, February 2016, and Surveys blooming period for larvae or adult (nectar sources or egg laying sources) plant for the following species: Hermes copper and April 2016. Notification of planned butterfly, Laguna Mountains skipper, or Quino checkerspot butterfly. These host plants include Cleveland's horkelia, western butterfly and plant surveys was provided in plantain, bird's beak, owl's clover, California buckwheat, and spiny redberry. Similar protective measures for special-status plants February, March, April, and August 2016. (identified in MM BIO-13 and MM BIO-14) shall be implemented. Occupied or suitable habitat for these species shall be avoided Special-status butterfly habitat surveys and to the greatest extent feasible. In addition to the implementation of SDG&E NCCP Operational Protocols, site visits will be focused special-status plant surveys, which conducted prior to construction and road maintenance. Prior to site visits, a digital database of known host plant populations will identify locations of host plant species, were be reviewed. Site visits will verify the known locations of host plant populations in the area and, if present, avoid those locations. completed in 2016. GIS shapefiles were submitted to the CPUC and USFS on November 2, 2016, and showed the locations of all special-

status and host plant species observed during

Resources Maps depicting areas to be fenced or flagged to protect host plant species will be submitted to the CPUC and USFS prior to construction. All special-status butterfly host plant species observed within suitable habitat for those species will be flagged prior to the start of construction for avoidance to the

the surveys. Workspace and Sensitive

greatest extent feasible.

Location: TL682 Phase I Measure Category MMNo TaskNo Mitigation Measure Task Text Comments Timing Status Title Biological BIO-17 01 **Butterfly Protocol** Conduct protocol surveys for Quino checkerspot, Hermes copper, and Laguna Mountains skipper butterflies within 1 year prior to Qualified biologists were approved by the USFS Complete Resources Surveys project construction activities in occupied habitat. The project proponent shall conduct preconstruction protocol surveys for and the CPUC in September 2015, February Quino checkerspot butterfly, Laguna Mountains skipper, and Hermes copper butterfly within 1 year prior to construction 2016, and April 2016. Notification of planned activities (or unless coordination with the U.S. Fish and Wildlife Service determines that SDG&E's low-effect habitat conservation surveys was provided in February, March, and plan (HCP) for Quino (SDG&E 2007) adequately protects the species, historical surveys are adequate, or as superseded by April 2016. Protocol-level QCB surveys were consultation with the USFWS and Forest Service) in any project construction area known to support the species. Surveys shall be completed in 2016 in accordance with MM BIOconducted by a qualified biologist in accordance with the most currently accepted protocol survey methods for Quino 17. There is no habitat along this component checkerspot and Laguna Mountains skipper. This includes current habitat assessment and reporting requirements. Results shall that supports Laguna Mountains skipper or be reported to USFWS and the CDFW South Coast Regional Office within 45 days of the completion of the survey. Surveys for Hermes copper butterfly. The QCB Focused Hermes copper butterfly shall follow County of San Diego Guidelines. A qualified biologist shall survey all potential habitat for Survey Report was submitted to the CPUC and Hermes copper which includes any woody (mature) spiny redberry shrub with California buckwheat within 15 feet. California USFS on July 25, 2016 and to the CDFW and buckwheat without spiny redberry nearby is not considered suitable habitat. If California buckwheat is within 15 feet of a mature USFWS on August 8, 2016. Documentation of spiny redberry shrub, additional vegetation within 15 feet should also be considered potential habitat for Hermes copper. All the QCB Focused Survey Report submittal to butterfly protocol survey data shall be provided to the CDFW South Coast Regional Office. the CDFW and USFWS was provided to the CPUC and USFS on September 1, 2016. Biological BIO-18 01 **Butterfly Habitat** Provide compensation for temporary and permanent impacts to Occupied or Critical Habitat for Quino checkerspot, Hermes Pre and N/A No designated critical habitat for QCB, Hermes During Resources Compensation copper, and Laguna Mountains skipper butterfly habitat through conservation and/or restoration. Temporary and permanent copper butterfly, or Laguna Mountains skipper impacts to Quino checkerspot butterfly and Laguna Mountains skipper shall be compensated through a combination of habitat occurs along this component. Based on 2016 compensation and habitat restoration at a minimum of a 2:1 mitigation ratio for occupied non-critical habitat and a minimum of protocol survey results and the SDG&E QCB a 3:1 mitigation ratio for critical habitat, or as required by the permitting agencies. Forest-related impacts will be mitigated at the Low-Effect HCP, there is no occupied QCB ratios provided above on Forest Service lands and in coordination with the Forest Service. Habitat compensation shall be habitat along this component. There is no accomplished through U.S. Fish and Wildlife Service-approved land preservation or mitigation fee payment for the purpose of potential for impacts to occupied habitat for habitat compensation of lands supporting Quino checkerspot butterfly or Laguna Mountains skipper as appropriate. Mitigation Laguna Mountains skipper or Hermes copper for Hermes copper butterfly shall consist of 1:1 replacement of temporary impacts to occupied habitat, where host plants are butterfly along this component. No temporary impacted, and at a 2:1 ratio where permanent impacts occur. Land preservation or mitigation fee payment for habitat or permanent impacts to occupied or critical compensation must be completed within 18 months of permit issuance. Habitat restoration may be appropriate as habitat habitat for QCB, Hermes copper butterfly, or compensation provided that the restoration effort is demonstrated to be feasible and implemented pursuant to a Habitat Laguna Mountains skipper habitat are Restoration Plan, which shall include success criteria and monitoring specifications and shall be approved by the permitting anticipated; therefore, no compensation for agencies prior to project construction. All habitat compensation and restoration used as mitigation for the proposed project on impacts is required, and this measure is not public lands shall be located in areas designated for resource protection and management. All habitat compensation and applicable. restoration used as mitigation for the proposed project on private lands shall include long-term management and legal protection assurances.

Final design of power and distribution line and access roads through Quino checkerspot and Laguna Mountains skipper critical

habitat and Hermes copper occupied habitat shall maximally avoid host plants for these species. The final design of the proposed

project through Quino checkerspot, Hermes copper, and Laguna Mountains skipper butterfly habitat shall maximally avoid and

minimize habitat resources used by these species based on safety and other superseding regulatory requirements. The applicant

shall explore alternate tower locations, reduced road widths, reduced vegetation maintenance, and other design modifications to

minimize impacts to host plants in critical habitat for these species, and it shall obtain agency approval of the final design through

this area. If impacts are not avoided, compensatory mitigation, as described per MM BIO-18, will be required. This measure shall

apply to all locations that have been designated as critical or occupied habitat for these species.

BIO-19 01

Avoid Butterfly Host

Plants

Biological

Resources

N/A

Pre

This measure applies to designated critical

habitat for QCB and Laguna Mountains skipper,

habitat, along the Project. No QCB and Laguna

Mountains skipper critical habitat and Hermes

copper butterfly occupied habitat exists along

this portion of the Project; therefore, this

measure is not applicable.

as well as Hermes copper butterfly occupied

Location: TL682 Phase I Measure Category MMNo TaskNo Mitigation Measure Task Text Comments Timing Status Title Biological BIO-20 01 Obtain Wildlife Obtain and implement the terms of agency permit(s) with jurisdiction federal or state-listed species. In addition to the obligation The Project is covered by SDG&E's Subregional Complete NCCP and QCB Low-Effect HCP. A Biological Resources Permits of the Forest Service consulting with the USFWS on the project, if federally listed wildlife species not already covered by SDG&E's NCCP (including any species that may be listed prior to issuance of the PTC and MSUP) may be impacted by the project, the Opinion was issued for the Project on Forest Service will initiate a Section 7 consultation with the U.S. Fish and Wildlife Service (USFWS). If state-listed wildlife species November 19, 2015. Conservation measures not already covered by SDG&E's NCCP may be impacted by the project, SDG&E will seek a Section 2081 permit (or consistency from the Biological Opinion will be determination) from the California Department of Fish and Wildlife (CDFW). In addition, take authorization for golden eagles will implemented prior to and during construction. require coordination with the USFWS and CDFW. SDG&E shall implement and/or adhere to all USFWS recommendations stipulated by the Forest Service in the Special Use Permit; SDG&E shall implement and/or adhere to all requirements in CDFW permit. SDG&E will not need a Section 2081 permit if the potentially impacted species or action is covered by SDG&E's NCCP. The Forest Service is required to consult with the USFWS for their federal action (approving the MSUP) as identified in Section A, Table A-3. Biological BIO-20 02 Obtain Wildlife When conducting work within designated critical habitat for the Quino checkerspot butterfly, SDG&E shall implement all This measure applies to areas within designated Pre and N/A During Resources **Permits** applicable protocols to avoid and minimize impacts to this species defined in the SDG&E Low-Effect Habitat Conservation Plan for critical habitat for QCB. There is no critical Quino. habitat for QCB along this component; therefore, this measure is not applicable. **Biological** BIO-20 03 Obtain Wildlife Additionally, when working within designated critical habitat for Laguna Mountains skipper, SDG&E shall implement all impact Pre and N/A This measure applies to areas within designated Resources Permits minimization measures for Laguna Mountains skipper (USFS 2006c), consistent with USFWS direction (USFWS 2006, 2007), which critical habitat for Laguna Mountains skipper. During includes:1. Prior to project work, a qualified biologist shall identify all LMS habitat (to include host plant and nectar sources) There is no critical habitat for Laguna within 10 meters of the proposed project(s) ROW. SDG&E facilities that are within designated critical habitat for Laguna Mountains skipper along this component. Mountains skipper are shown on USFWS Critical Habitat maps (71 FR 74592–74615). During any maintenance activities, a Therefore, this measure is not applicable. qualified biologist will be present to monitor work and ensure that Laguna Mountains skipper habitat is not affected.2. Chipping of vegetation shall not be allowed in known or potential Laguna Mountains skipper habitat. This includes the ROW within or adjacent to (within 10 meters) known or potential Laguna Mountains skipper habitat. Potential habitat shall be identified by the qualified biologist either during the host plant/nectar source survey or some time previous to the onset of ROW work. 3. Vehicles or tracked equipment shall only be allowed on existing roads or trails when operating within or adjacent to Laguna Mountains skipper habitat. Prior to operation of vehicles on existing roads or trails, a qualified biologist will ensure that the road or trail itself does not contain host plants or nectar sources. 4. Any project that may adversely affect the Laguna Mountains skipper shall require consultation with the U.S. Fish and Wildlife Service. If the NCCP is not used, then formal consultation with the USFWS and CDFW will need to occur to determine the need for take permits BIO-21 01 Sensitive Butterfly Biological If construction occurs in occupied and/or suitable habitat for sensitive butterfly species, SDG&E will implement the following: Pre and Pending Qualified biologists were approved in Resources Species September 2015, February 2016, and April 2016 During Construction Quino checkerspot: SDG&E will comply with the avoidance and minimization measures outlined in the existing Low-Effect Habitat by the CPUC and USFS. This measure applies to Measures occupied and/or suitable QCB habitat. Based on Conservation Plan for Quino checkerspot butterfly. the 2016 protocol survey results, no occupied habitat for QCB exists along this component. Suitable QCB habitat present along TL682 is defined as "Unoccupied QCB Habitat" per the HCP. SDG&E will comply with the HCP as

applicable. The complete QCB Focused Survey Report was submitted to the CPUC and USFS on

Resources Maps depicting suitable QCB habitat will be submitted to the CPUC and USFS prior to construction. Construction of Phase I TL682 is scheduled to occur from April 2017 to March

July 25, 2016. Workspace and Sensitive

2018.

Location: TL682 Phase I Measure Category MMNo TaskNo Mitigation Measure Task Text Comments Timing Status Biological BIO-21 02 Pre and N/A Sensitive Butterfly Hermes copper: Because this species is not state- or federally listed, the following will only be required for activities: While This measure applies to occupied and/or Resources Species performing construction activities within the flight season, a qualified biological monitor will be on-site for all project activities to suitable Hermes copper butterfly habitat. No During Construction assure that both impacts to host plants and direct take of Hermes copper butterflies are avoided to the greatest extent feasible. occupied or suitable habitat for Hermes copper Measures The biological monitor may temporarily stop work in the event a Hermes copper butterfly is observed within the immediate butterfly occurs along this component; construction area (i.e., the flagged work areas currently being used for construction activities.) therefore, this measure is not applicable. Pre and N/A Biological BIO-21 03 Sensitive Butterfly Laguna Mountains skipper butterfly: Construction will occur outside of the flight season OR at least 10 meters (33 feet) away This measure applies to occupied and/or Resources Species from all host plant locations. If there is a known or newly discovered occurrence during the flight season, construction shall be suitable Laguna Mountains skipper habitat. No During Construction prohibited within 1 kilometer (0.6 mile) of the occurrence or unless coordination with the U.S. Fish and Wildlife Service occupied or suitable habitat for Laguna Measures determines construction activities may commence. The Laguna Mountains skipper flight season occurs from April to July. Mountains skipper occurs along this component; therefore, this measure is not applicable. Biological BIO-22 01 **Biological** To Be Implemented Immediately Biologists will monitor construction activities. San Diego Gas & Electric (SDG&E) shall retain qualified biologists and other Biologist qualifications were submitted to the Resources Monitoring Prior to Construction qualified resource specialists, as necessary, to monitor all project construction activities that could reasonably result in impacts to CPUC and USFS for approval on July 21, 2016, During biological resources. All monitor qualifications shall be reviewed and approved by the California Public Utilities Commission and were resubmitted on August 19 and 26, (CPUC) prior to conducting monitoring activities along the right-of-way. Monitors shall be responsible for preconstruction 2016. The CPUC approved the qualifications on surveys, work area delineations (i.e., staking, flagging, etc.) to comply with SDG&E's Natural Community Conservation Plan, on-August 30, 2016; and the USFS approved the site monitoring, and documentation of violations and compliance. Monitors shall also delineate pre-determined access routes qualifications on August 23 and 29, 2016. using markers or signs and ensure the maintenance of markers or signs on a regular basis. Additional biologist qualifications were submitted to the CPUC and USFS for approval on September 16, 2016. The CPUC approved the qualifications on September 21, 2016; and the USFS approved the qualifications on September 27, 2016. All biologists on the Project have been approved by the CPUC and USFS. Biologists that were identified as "Trainees Only" by the USFS will only conduct monitoring on private lands or under the supervision of a fully approved biologist on USFS-managed lands. Approved work limits and access routes will be delineated with staking, flagging, and signage immediately prior to construction. BIO-24 01 Biological Speed Limits Enforce speed limits in and around all construction areas. Vehicles shall not exceed 15 miles per hour on unpaved roads (as Documentation that the MMCRP was To Be Implemented During Pre and Resources stated in SDG&E NCCP 7.1 Operational Protocols) and the right-of-way accessing the construction site or 10 miles per hour during incorporated into the construction contracts During Construction the night. was provided to the CPUC and USFS on July 20, 2016. Documentation that MM BIO-24 was included in the Worker Environmental Awareness Program was provided to the CPUC and USFS on July 20, 2016. Project biological monitors will enforce speed limits along this component during construction, and compliance with this measure will be documented in the Weekly Environmental

Compliance Report submitted to the CPUC and

Location: TL682 Phase I Measure Category MMNo TaskNo Mitigation Measure Task Text Comments Timing Status Biological BIO-26 01 Prohibit Littering To Be Implemented During Prohibit littering and remove trash from construction areas daily. Littering shall not be allowed by the project personnel. All food-Documentation that the MMCRP was Pre and related trash and garbage shall be removed from the construction sites on a daily basis. Construction Resources incorporated into the construction compliance During contract was provided to the CPUC and USFS on July 20, 2016. Documentation that MM BIO-26 was included in the Worker Environmental Awareness Program was provided to the CPUC and USFS on July 20, 2016. This measure will be implemented during construction along this component and documented in the Weekly **Environmental Compliance Report.** Prohibit Harassment Biological BIO-27 01 Prohibit the harm, harassment, collection of, or feeding of wildlife. Project personnel shall not harm, harass, collect, or feed Documentation that the MMCRP was To Be Implemented During of Wildlife Resources wildlife. No pets shall be allowed in the construction areas. incorporated into the construction compliance During Construction contract was provided to the CPUC and USFS on July 20, 2016, Documentation that MM BIO-27 was included in the Worker Environmental Awareness Program was provided to the CPUC and USFS on July 20, 2016. This measure will be implemented during construction along this component and documented in the Weekly **Environmental Compliance Report.** Biological BIO-28 02 Implement Bird To avoid avian disturbance by construction activities, an Avian Protection Plan, including a Nesting Bird Management Plan, shall The APP/NBMP was developed in coordination Pre and To Be Implemented During Resources **Protection Measures** with the Wildlife Agencies. Approval of the During Construction be developed in coordination with the Wildlife Agencies prior to project onset to develop measures based on site specific conditions to protect birds. This Avian Protection Plan shall be implemented by SDG&E and their biological monitors with APP/NBMP was received from the CDFW on oversight by the CPUC and the Forest Service. The Plan shall include procedures to allow the Wildlife Agencies open May 18, 2016; from the USFWS on June 20, communication with the biological monitor(s) and access to scientific data collected that will be electronically stored in a 2016; from the USFS on June 30, 2016; and database approved by the CPUC, the Forest Service, and the Wildlife Agencies. Between February and September during project from the CPUC on July 19, 2016. The APP/NBMP construction, SDG&E shall provide a monthly summary of nesting bird monitoring activities and at the completion of each nesting will be implemented during construction along season shall provide an evaluation of the data collected to date as specified in the Nesting Bird Management Plan. B. The this component. Project's transmission pole and line design may have an impact on certain raptor species. Consequently, in addition to the construction activities, the Plan shall address avian mortality related to line strikes through the use of adaptive management (i.e., measures to make the lines more visible to the suite of species affected), in response to reported mortalities. C. The Avian Protection Plan shall include the following measures: a. Compliance with the Migratory Bird Treaty Act b. Compliance with Fish and Game Code Sections 3503, 3503.5, and 3511c. Activities shall be prohibited with i. Approximately 0.25 mile of California spotted owl active nest sites (or activity centers) during the breeding season (February 1through August 15) unless surveys confirm that California spotted owls are not nesting within the 0.25- mile radius; ii. 500 feet of raptor and owl active nests; iii. 500 feet of federally and/or state-listed birds active nests; iv. 250 feet of occupied burrowing owl burrows from February 1 to August 31 or within 160 feet from September 1 through January 31; and. 150 feet of non-listed birds and as specified in the avian protection plan for other bird species of concern. BIO-28 03 Biological Implement Bird If year-round burrowing owls are identified and there would only be temporary indirect impacts, then work may continue Burrowing owls were not detected during Pre and To Be Implemented During **Protection Measures** Resources through coordination with the CDFW and monitoring. If it appears that the burrowing owls may be directly impacted, then a surveys for this component. If burrowing owls During Construction

relocation plan will be developed for the specific burrowing owl(s). This plan would include the methods to relocate, location of

defined as a structure or site under construction or preparation, constructed or prepared, or being used by a bird for the purpose

of incubating eggs or rearing young. Perching sites and screening vegetation are not part of the nest. "Active nest" is defined as once birds begin constructing, preparing, or using a nest for egg-laying. A nest is no longer an "active nest" if abandoned by the

the relocation, and post-relocation monitoring. Active relocation and banding of birds is not required. Similar buffers will be

utilized for non-Forest Service lands as specified in the Avian Protection Plan and Nesting Bird Management Plan. "Nest" is

adult birds or once nestlings or fledglings are no longer dependent on the nest.

Page	11	ot	25

are identified in the Project vicinity, the

required procedures will be followed in

approved APP/NBMP.

accordance with MM BIO-28 and the CDFW-

Location: TL682 Phase I

Title

Measure Category MMNo TaskNo Mitigation Measure Task Text Comments Timing Status

Biological Resources	BIO-28	04	Implement Bird Protection Measures	d. Apply APLIC Measures. Specific APLIC measures to be applied must, at a minimum, must allow the circuits to meet National Electric Safety Code (NESC) requirements and should provide general information on specialized construction designs to meet APLIC standards. In particular, conductor separation between the energized and grounded hardware should meet the current state of the art requirements to protect species up to California condor. If appropriate separation is not feasible, then the energized parts and hardware should be covered. As appropriate, bird diverters should be deployed as well.	The APP includes specific APLIC measures that will be applied as well as guidelines for specialized construction designs to meet APLIC standards. The APP will be implemented during construction.	Pre and During	To Be Implemented During Construction
Biological Resources	BIO-28	05	Implement Bird Protection Measures	D. The database shall include special features to accommodate additional variables (covariate) information requested by the Wildlife Agencies designed for this Project that will provide data which will contribute to the scientific standards of effective avian avoidance measures. In order to help evaluate buffer effectiveness, nests shall be monitored on a daily basis by a qualified biologist during disturbance and-related activities (i.e., brushing, tree trimming, ground-disturbing activities, mechanized or manual construction/removal/installation, and restoration activities) and every 4 days following disturbance until nest fates have been determined for entry into the database. Daily nest monitoring will be conducted by a qualified biologist, from as far away as possible while still being able to observe activity. The biologist need not observe the actual contents of the nest, but may extrapolate status based on adult behaviors. Actual surveys of the nest contents must not occur more than weekly (i.e., allow at least 7 days between nest visits) and visits should be very brief, paths should go by the nest without stopping if possible, the biologist should not touch leaves or branches, and should take a new route each time they pass by the nest. If brown-headed cowbirds or potential nest predators (e.g., scrub jays, crows, ravens) are in the area, then the visit should be postponed until they are gone.	Avian biologist qualifications were submitted to the CPUC and USFS for approval on July 21, 2016, and were resubmitted to the CPUC and USFS on October 21, 2016. The CPUC approved the qualifications on October 31, 2016, and the USFS approved the qualifications on October 27, 2016. All avian biologists on the Project have been approved by the CPUC and USFS. Avian biologists that were conditionally approved by the CPUC will only conduct monitoring on private lands under the supervision of a fully approved avian biologist. The Avian Reporting Database is described in Section 8 - Avian Reporting Database of the approved NBMP. Nests will be monitored in accordance with the approved NBMP. SDG&E will provide database access to the Wildlife Agencies as stipulated in the measure.	Pre and During	To Be Implemented During Construction
Biological Resources	BIO-28	06	Implement Bird Protection Measures	At a minimum, the plan(s) shall include the following sections: Plan Objectives; Applicable Mitigation Measures; Environmental Awareness Program; Existing Avian Resources; Construction Process and Timing (related to avian resource protection); Specific APLIC measures to be Applied; Nest Survey and Monitoring Method; Surveyor Experience and Training; Nesting Bird Survey Protocol; Standard Buffer Distances as determined in consultation with Wildlife Agencies; Protections of Listed Species, Raptors, and Eagles; Nest Monitoring Data Collection; Avian Reporting System; Nest Monitoring Log to include fates of all nests monitored; Reporting including update of database accessible to Wildlife Agencies; Nest Management; Nesting Habitat Reduction; Nesting Deterrent; Nest Removal; Risk Assessment and Mortality Reduction; Quality Control and Effectiveness; Avian Enhancement; Key Resources; Prior to the start of construction and implementation, SDG&E shall submit the plan to the U.S. Fish and Wildlife Service, CDFW, CPUC, and Forest Service for review and approval.	The APP/NBMP has been developed in coordination with the Wildlife Agencies. Approval of the APP/NBMP was received from the CDFW on May 18, 2016; from the USFWS on June 20, 2016; from the USFS on June 30, 2016; and from the CPUC on July 19, 2016. The APP/NBMP will be implemented during construction along this component.	Pre and During	To Be Implemented During Construction
Biological Resources	BIO-28	07	Implement Bird Protection Measures	E. In order to identify locations of current bald eagle (Haliaeetus leucocephalus), golden eagle (Aquila chrysaetos), California spotted owl (Strix occidentalis), American peregrine falcon (Falco peregrinus anatum), or federally and/or state-listed or fully protected bird nests, the monitoring biologists will coordinate with the U.S. Forest Service (Forest Service), U.S. Fish and Wildlife Service, and California Department of Fish and Wildlife (CDFW) to ensure that the most up to date information is made available to monitoring biologists. If work will be conducted within a 1 mile buffer of historic and currently known nests during the bald or golden eagle breeding season (December 15 through July 31), SDG&E will survey the historic and currently known nests sites to determine if they are active. If nests are determined to be active, then work within 1 mile of active nests shall be rescheduled until after the completion of nesting activity at those nests. Alternatively, SDG&E may plan work activities to occur outside of the 1 mile buffers during the breeding season.	Coordination with the USFS, CDFW, and USFWS is ongoing, in accordance with this measure. These species are addressed in Section 7.2 Protections of Listed Species, Raptors, and Eagles of the approved NBMP. During construction, nest surveys and nest buffers will be implemented in accordance with the approved NBMP.		To Be Implemented During Construction

Measure Category MMNo TaskNo Mitigation Measure Task Text

Title Biological BIO-30 01 **Bat Protection** (A) Townsend's bat protection measures Biologist qualifications were submitted to and Complete Resources approved by the CPUC and USFS in August 2015 Prior to work being conducted, measures will be employed to protect (a) Townsend's bat and (b) bats in general. Prior to work and April 2016. A literature review and followbeing conducted, qualified biologists will conduct a literature search for potential roost sites and follow-up surveys for up surveys for potential Townsend's big-eared Townsend's big-eared bat maternity roosts within 500 feet of project lines during the breeding/pupping season (April-midbat roosts were conducted in 2015 and 2016. September). Typical Townsend's big-eared bat roosts occur in mines, caves, buildings, long and dark culverts, and older bridges The bat roost assessment and focused survey (pre-1960) (Pierson and Rainey 1994). If any potential structures or features for Townsend's big-eared bat are present within the report for the underground portion of TL682, project area they shall be surveyed. which is the federally preferred alternative, was submitted to the CDFW on July 27, 2016. Documentation of the submittal to the CDFW was provided to the CPUC and USFS on August 23, 2016. A bat roost assessment and field survey report for the overhead portion of TL682 was submitted to the CDFW on January 6, 2017. Documentation of the submittal to the CDFW was provided to the CPUC and USFS on February 1, 2017. BIO-30 02 Bat Protection Biological Inspections of potential roosts shall be conducted using an appropriate combination of visual and acoustic survey techniques Two day roosts with potentially suitable Pre and Pending During Resources (including structure inspection, sampling, and/or exit counts) for areas that may be directly or indirectly impacted by the project. Townsend's big-eared bat habitat were Where active roosts are located, reporting shall include: 1) the exact location of all roosting sites (location shall be adequately identified, and focused surveys were described and drawn on a map); 2) the number present at the time of visit (count or estimate); 3) the location, amount, conducted. However, no Townsend's big-eared distribution, and age of all droppings shall be described and pinpointed on a map; and 4) the type of roost (i.e., night roost - rest bats were observed utilizing either roost during at night while out feeding vs. day roost – maternity colony) must also be clearly stated. All survey results, including field data the day or night surveys. Additionally, the sheets, shall be provided to the CDFW South Coast Regional Office. Locations of all roosts shall be kept confidential to protect majority of Roost Site 1 is unsuitable for them from disturbance. If non-maternity roosts are identified, the CDFW will be notified and consulted. If maternity roosts are Townsend's big-eared bat, and maternal present, the CDFW and CPUC will be notified and no work will occur within 500 feet of the roost location until the end of the roosting is unlikely at Roost Site 2 due to pupping season or until the roost is determined to be unoccupied by Townsend's big-eared bat. For the protection of young (i.e., constant overhead traffic. Therefore, based on unable to fly) and hibernating adults all project-related activities shall be avoided where roosts are present during the winter and data collected during the literature review, field spring. No restrictions apply to project vehicle traffic on existing access roads, or to construction activity that occurs outside of assessment, and focused surveys conducted for Townsend's big-eared bat, no Townsend's bigthe pupping season. eared bat roosts were identified within 500 feet of this component. Survey results were included in the bat roost assessment and field survey report for the overhead portion of TL682, which was submitted to the CDFW on January 6, 2017. Follow-up surveys were conducted in April 2017 to confirm no Townsend's big-eared bats are roosting at these locations. The results of the follow-up survey will be submitted to the CDFW prior to

Comments

construction.

Timing Status

Measure Category Title	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
Biological Resources	BIO-30	03	Bat Protection	(B) General bat protection measures for other bat species Prior to work being conducted, qualified biologists will conduct a literature search for known general bat roost sites and follow-up surveys within 100 feet of project lines during the breeding/pupping season (April—mid-September). In general, bat species may roost in rock outcrop, dense tree canopies, flaking tree bark, snags, bridges, mine, caves, flumes, and buildings. If any known sites for bats in general are present within the project area they shall be surveyed.	Biologist qualifications were submitted to and approved by the CPUC and USFS in August 2015 and April 2016. A literature review and follow-up surveys for potential bat roosts were conducted in 2015 and 2016. The bat roost assessment and focused survey report for the underground portion of TL682, which is the federally preferred alternative, was submitted to the CDFW on July 27, 2016. Documentation of the submittal to the CDFW was provided to the CPUC and USFS on August 23, 2016. A bat roost assessment and field survey report for the rest of the overhead portion of TL682 was submitted to the CDFW on January 6, 2017. Documentation of the submittal to the CDFW was provided to the CPUC and USFS on February 1, 2017.	Pre	Complete
Biological Resources	BIO-30	04	Bat Protection	Inspections of known roosts shall be conducted using an appropriate combination of visual and acoustic survey techniques (including structure inspection, sampling, and/or exit counts) for areas that may be directly or indirectly impacted by the project. Bats shall be identified to the most specific taxonomic level possible. Where active bat roosts are located, reporting shall include: 1) the exact location of all roosting sites (location shall be adequately described and drawn on a map); 2) the number of bats present at the time of visit (count or estimate); 3) each species of bat present shall be named (include how the specific was identified); 4) the location, amount, distribution, and age of all bat droppings shall be described and pinpointed on a map; and 5) the type of roost (i.e., night roost – rest at night while out feeding vs. day roost – maternity colony) must also be clearly stated. All survey results, including field data sheets, shall be provided to the CDFW South Coast Regional Office. Locations of all roosts shall be kept confidential to protect them from disturbance.	Two day roosts with the potential for general bat maternity roosts were identified, and focused surveys were conducted. However, both sites are located more than 100 feet from the Project. Therefore, based on data collected during the literature review, field assessments, and focused surveys conducted for bats, no general bat maternity roosts were identified within 100 feet of this component.	Pre	Complete
Biological Resources	BIO-30	05	Bat Protection	If potential roosts are determined to be present then the roosts must be analyzed further to determine if Townsend's big-eared bats are present and if maternity roosts are present. If maternity roosts are present, the CDFW and CPUC will be notified and no work will occur within 100 feet of the roost location until the end of the pupping. For the protection of young (i.e., unable to fly) and hibernating adults, all project-related activities shall be avoided where roosts are present during the winter and spring. No restrictions apply to project vehicle traffic on existing access roads, or to construction activity that occurs outside of the pupping season.	Two day roosts with potentially suitable Townsend's big-eared bat habitat and the potential for general bat maternity roosts were identified, and focused surveys were conducted. However, no Townsend's big-eared bats were observed utilizing either roost during the day or night surveys, and both sites are located more than 100 feet from the Project. Therefore, based on data collected during the literature review, field assessment, and focused surveys conducted in 2015 and 2016, no Townsend's big-eared bat roosts were identified within 500 feet of TL682, and no general maternity bat roosts were identified within 100 feet. If maternity bat roosts are identified in the vicinity of Phase I of TL682, the CPUC and CDFW will be notified. Construction exclusion buffers of 100 feet will be established at maternity roosts during the pupping season for bat species other than Townsend's big-eared bat.	Pre and During	To Be Implemented During Construction

Location: TL682 Phase I Timing Status Measure Category MMNo TaskNo Mitigation Measure Task Text Comments Biological BIO-31 01 Pre N/A Kangaroo Rat Survey Biologists will conduct surveys for Stephens' kangaroo rat. In locations where Stephens' kangaroo rat habitat assessments were This component was previously accessible to Resources not accessible during the 2010 surveys (including the extensive parcels of land westward of Santa Ysabel owned by a single Stephen's kangaroo rat surveys; therefore, this landowner – Map Pages MS-016-025 [Chambers Group Inc. and SJM Biological Consultants 2012; Appendix A] and the large measure is not applicable. parcel immediately south of Old Highway 80 and southward of southern end of Kitchen Creek Road [Map Page MS-069 [Chambers Group Inc. and SJM Biological Consultants 2012]; Appendix A]), a pedestrian preconstruction survey for potentially occupied suitable habitat (open habitat with suitable soils, slope, and kangaroo rat burrows) and follow-up trapping to confirm species, will be conducted by a California Public Utilities Commission (CPUC)-approved biologist to assess the potential areas for Stephens' kangaroo rat to occur within SDG&E's proposed project area. Biological BIO-31 02 Kangaroo Rat Survey Any burrows, utilized habitat, or signs of Stephens' kangaroo rat utilizing a habitat (e.g., track prints) will be flagged for avoidance Any burrows, utilized habitat, or sign of Pre and Pending Resources during construction activities. The monitoring biologist shall halt construction activities if he or she determines that the Stephens' kangaroo rat will be flagged for During construction activities are disturbing Stephens' kangaroo rat occupied habitat. If Stephens' kangaroo rat occupied habitat cannot avoidance immediately prior to construction. be avoided during construction, the monitoring biologist shall make recommendations to ensure minimal impacts to the existing Workspace and Sensitive Resources Maps depicting the SKR occupied areas and locations Stephens' kangaroo rat habitat and burrows during construction. Recommendations may include, but are not limited to: (1) rerouting access to the project work area for complete avoidance of Stephens' kangaroo rat occupied habitat; or (2) placement of of signage/flagging will be submitted to the dirt piles or sediment to avoid occupied burrows. Upon completion of the survey and any follow-up construction avoidance CPUC and USFS prior to construction. Any management, a report shall be prepared and submitted to the CPUC. additional recommendations developed by the monitoring biologist to ensure minimal impacts to existing habitat will be documented in a report and submitted to the CPUC and USFS prior to construction.

Biological Resources	BIO-33	01	Arroyo Toad Focused Surveys	Focused surveys for arroyo toad shall be conducted. Prior to initiating construction, all riverbed areas within 1,000 feet of construction sites and access roads shall be surveyed during the appropriate season (December 1 through July 31) for arroyo toad. The applicant shall contract with a qualified biologist to conduct focused surveys for arroyo toad. If arroyo toads are detected in or adjacent to the project site, no work will be authorized within 500 feet of occupied habitat until the project applicant receives concurrence from the U.S. Fish and Wildlife Service (USFWS) that work may proceed.	TL682 is not listed in the measure; therefore, this measure is not applicable.	Pre and During	N/A
Biological Resources	BIO-33	02	Arroyo Toad Focused Surveys	If arroyo toads are detected in or adjacent to the project site, the project applicant shall develop and implement a monitoring plan that includes the following measures, in consultation with the USFWS: [Refer to MM BIO-33 in the MMCRP for all 16 monitoring plan specifications]	TL682 is not listed in the measure; therefore, this measure is not applicable.	Pre and During	N/A
Biological Resources	BIO-33	03	Arroyo Toad Focused Surveys	On Forest Service lands, occupied arroyo toad breeding habitat will be mitigated at a 3:1 ratio; occupied arroyo toad upland burrowing habitat will be mitigated at 2:1; and unoccupied arroyo toad habitat (or designated critical habitat) will be mitigated at 2:1. In addition, a Forest Service consultation will be conducted to verify limited operating periods for arroyo toad are defined.	TL682 is not listed in the measure; therefore, this measure is not applicable.	Pre and Post	N/A

				unevaluated sites. Protective fencing or other markers will be erected and maintained to protect these ESAs from inadvertent trespass for the duration of construction in the vicinity. ESAs will not be signed or marked as cultural, historical, or archaeological resources.	inspected for damage during construction and repaired as needed.	
ltural and leontological sources	APM- CUL-06	01	Cultural Resources Treatment Plan	In consultation with the Forest Service HPM, BIA Archaeologist, the Tribes, and the SHPO, SDG&E will develop a Cultural Resources Treatment Plan that includes procedures for protection and avoidance, evaluation and treatment, and the curation of any potentially register-eligible cultural materials. Specific protective measures, including a monitoring program, will be defined in the Cultural Resources Treatment Plan to reduce potential adverse impacts on unknown cultural resources to less-than-significant levels.	The required components of the Cultural Resources Treatment Plan were incorporated in the Historic Properties Management Plan. The Historic Properties Management Plan was finalized on August 25, 2016, and was approved by the USFS on August 25, 2016, and by the CPUC and SHPO on August 26, 2016. Completion of MM CUL-01c satisfies the requirements of this APM.	Complete

Location: TL682 Phase I Measure Category MMNo TaskNo Mitigation Measure Task Text Comments Timing Status Cultural and APM-04 Paleontological SDG&E has prepared a Paleontological Pre and To Be Implemented During The paleontological monitor will follow the procedures outlined in the Paleontological Monitoring and Treatment Plan, which will Paleontological CUL-08 Monitoring be prepared and will include information regarding pre-construction field surveys, construction personnel training, necessary Monitoring and Treatment Plan and will During Construction Resources permits, research design, monitoring methodology, fossil discovery and recovery protocols, fossil preparation and curation implement the plan during construction. procedures, and the preparation of a final monitoring report. CUL-01 01 Cultural and Cultural Resource In order to avoid adverse effects to historic properties, SDG&E will implement a comprehensive approach to cultural resource The Project's Programmatic Agreement was Pre and To Be Implemented During Paleontological Management Construction management consistent with any project specific Programmatic Agreement developed between the federal agencies and the finalized in February 2016. The Historic During Resources SHPO. The comprehensive approach will include, at a minimum, the following elements: Properties Management Plan, was finalized on August 25, 2016, and was approved by the USFS on August 25, 2016 and by the CPUC and SHPO on August 26, 2016. The Project's Historic Properties Management Plan, which outlines

					properties Management Plan, which outlines procedures for cultural resource management consistent with this measure, will be implemented during construction along this component.		
Cultural and Paleontological Resources	CUL-01	02	Cultural Resource Management	1a. – Inventory and evaluate cultural resources in the Final Area of Potential Effect (APE). Prior to any ground disturbing activities, SDG&E will complete inventories within the APE and submit the results of those inventories for approval by the CPUC and federal agencies. These surveys shall supplement surveys done for the EIR/EIS and will satisfy Section 106 requirements.	Cultural resources surveys were completed in 2011 and 2013 by ASM Affiliates, Inc. (Schaefer and Williams, 2011: The 2011 [Revised 2013] Inventory, Evaluation and Treatment of Cultural Resources in the Cleveland National Forest Transmission and Distribution Line Increased Fire Safety Project in support of the Proponent's Environmental Assessment), as well as subsequent pedestrian surveys in 2105, 2016, and 2017. The results of these subsequent surveys are included as part of an update to Appendix A of the Historic Properties Management Plan, which will be submitted to the USFS prior to construction.	Pre	Pending
Cultural and Paleontological Resources	CUL-01	03	Cultural Resource Management	1b. – Avoid and protect potentially significant resources. Where feasible, complete avoidance of impacts shall be the preferred strategy. Where the federal agencies and CPUC decide that cultural resources cannot be avoided, they will be incorporated into a Historic Properties Management Plan (HPMP), as described below.	Impacts to cultural and historical resources will be avoided to the maximum extent possible during construction. A map book identifying all ESAs to be fenced and avoided during construction will be provided to the CPUC and USFS prior to construction.	Pre and During	Pending
Cultural and Paleontological Resources	CUL-01	04	Cultural Resource Management	1c. – Develop and Implement Historic Properties Management Plan. After completing the inventory and avoidance phase of site design, SDG&E will prepare and submit for approval an HPMP to avoid or mitigate identified potential impacts.	The Historic Properties Management Plan, was finalized on August 25, 2016, and was approved by the USFS on August 25, 2016 and by the CPUC and SHPO on August 26, 2016.	Pre and During	Complete
Cultural and Paleontological Resources	CUL-02	01	Reduce Impacts to Historic Cabins	In order to reduce adverse effects and significant impacts to historic resources along C79, C440, and C442 as identified in Table D.5-12 of the EIR/EIS, the original exterior materials on the cabins shall not be removed, modified, or covered. If equipment attached to the cabins must be replaced, the equipment shall retain its original appearance in terms of materials and size. If this cannot be met, then a cultural monitor is required to be present during the replacement of the lines to minimize modifications to the cabin exteriors.	TL682 is not listed in the measure; therefore, this measure is not applicable.	Pre and During	N/A
							Page 17 of 25

Measure Category MMNo TaskNo Mitigation Measure Task Text Comments Timing Status

itle

Cultural and Paleontological Resources	CUL-03	01	Recommendations	During construction of the proposed power line replacement projects, all measures as identified in Tables 3 and 6 for TL625, Tables 9 and 11 for TL626, Tables 14 and 17 for TL629, Table 20 for TL682, Table 23 for TL6923, Table 26 for C78, Table 29 for C79, Table 31 for C157, Table 34 for C440, Table 37 for C442, and Table 40 for C449 of the Cultural Resources Technical Report prepared by ASM (ASM 2011) shall be implemented. All measures shall be implemented by a qualified archaeologist who is approved by the California Public Utilities Commission and Forest Service. Further, when on City-owned land (portions of C157, T625, and C449), the City's Land Development Manual – Historical Resource Guidelines per the San Diego Municipal Code, Chapter 14, Article 3, Division 2, Section 14.0201, shall be followed (http://docs.sandiego.gov/municode/MuniCodeChapter14/Ch14Art03Division02.pdf).	recommendations included in the Cultural Resources Technical Report and Appendix A of the Historic Properties Management Plan will be implemented prior to and during construction. Documentation confirming the completion of all recommendations will be provided to the CPUC and USFS in the Weekly Environmental Compliance Report. Resumes of the archaeologists that will be implementing the measures were submitted to the CPUC and the USFS on July 28, 2016. Approval of the archaeologists' qualifications was received from the CPUC on August 11, 2016 and from the USFS on August 12, 2016. Maps depicting the locations of cultural ESAs and ESA fencing will	Pending
					be submitted prior to construction.	

APM- 01

GEN-07

Excavation

Notification

General

Measure Category MMNo TaskNo Mitigation Measure Task Text Comments Timing Status Fire Protection 01 FF-01 Fire To Be Implemented During SDG&E shall develop a multiagency Construction Fire Prevention/Protection Plan in consultation with the U.S. Forest Service, The Construction Fire Prevention/Protection Pre and Prevention/Protectio Bureau of Land Management (BLM), Bureau of Indian Affairs (BIA), California Department of Forestry and Fire Protection (CAL Plan was approved by the SDCFA on December During Construction n Plan FIRE), San Diego Rural Fire Protection District (SDRFPD), and San Diego County Fire Authority (SDCFA) to the satisfaction of lead 2, 2015; by the SDRFPD, CAL FIRE, and the BLM agencies. SDG&E shall monitor construction activities to ensure implementation and effectiveness of the plan. The final plan will on December 18, 2015; by the BIA on January 7, be approved by the commenting agencies prior to the initiation of construction activities and shall be implemented during all 2016; by the USFS on June 17, 2016; and by the construction activities by SDG&E. At minimum, the plan will include the following:-Procedures for minimizing potential ignition, CPUC on July 29, 2016. An updated plan was Vegetation clearing, Fuel treatment area establishment to Parking requirements, Smoking restrictions, Hot work restrictions- Red submitted to the CPUC and USFS on September Flag Warning restrictions- Fire coordinator role and responsibility- Fire suppression equipment on site at all times work is 30, 2016, but no approval was required. The occurring- Requirements of Title 14 of the California Code of Regulations, 918 "Fire Protection" for the private land portionsplan will be implemented during construction. Applicable components of the SDG&E Wildland Fire Prevention and Fire Safety Electric Standard Practice 113-1 (July 2012)-Emergency response and reporting procedures- Emergency contact information- Worker education materials; kick-off and tailgate meeting schedules- Other information as provided by responsible and commenting agencies (as appropriate for each project). Additional restrictions will include the following: During the construction phase of the project, the applicant shall implement ongoing fire patrols. The applicant shall maintain fire patrols during construction hours and for 1 hour after end of daily construction and hotwork; Fire Suppression Resource Inventory - In addition to 14 CCR 918.1(a), (b), and (c), the applicant shall update in writing the 24-hour contact information and on-site fire suppression equipment, tools, and personnel list on a quarterly basis and provide it to the Forest Service, BLM, BIA, SDRFPD, SDCFA, and CAL FIRE; During Red Flag Warning events, as issued daily by the National Weather Service in State Responsibility Areas (SRAs) and Local Responsibility Areas (LRAs), and when the Forest Service Project Activity Level (PAL) is "E" on Cleveland National Forest (CNF) (as appropriate), all non-essential, nonemergency construction and maintenance activities shall cease or be required to operate under a Hot Work Procedure. The Hot Work Procedure will be in compliance with the applicable sections in NFPA 51-B "Fire prevention during welding, cutting, or other hot work" and CFC Chapter 26 "Welding and other Hot Work." The applicant and contractor personnel shall be informed of changes to the Red Flag event status and PAL as stipulated by CAL FIRE and CNF. All construction crews and inspectors shall be provided with radio and/or cellular telephone access that is operational throughout the project area to allow for immediate reporting of fires. Communication pathways and equipment shall be tested and confirmed operational each day prior to initiating construction activities at each construction site. All fires shall be reported to the fire agencies with jurisdiction in the project area as soon as the fire is identified/discovered immediately upon ignition. Each crew member shall be trained in fire prevention, initial attack firefighting, and fire reporting. Each member shall carry at all times a laminated card listing pertinent telephone numbers for reporting fires and defining immediate steps to take if a fire starts. Information on contact cards shall be updated and redistributed to all crew members as needed, and outdated cards destroyed, prior to the initiation of construction activities on the day the information change goes into effect. Each member of the construction crew shall be trained and equipped to extinguish small fires with hand-held fire extinguishers in order to prevent them from growing into more serious threats. Each crew member shall at all times be within 50 feet of fire suppression equipment, as outlined in ESP 113.1. SDG&E will provide a draft copy of the Construction Fire Prevention/Protection Plan to the responsible fire agencies for comment a minimum of 90 days prior to the start of any construction activities. The final plan will be approved by the responsible lead agencies with input from the fire and permitting agencies, as desired, prior to the initiation of construction activities and provided to SDG&E for implementation during all construction prior to the initiation of construction activities. All construction work on the proposed power line replacement projects shall follow the Construction Fire Prevention/Protection Plan guidelines and commitments. APM-Conduct Pre **Pending** General Prior to initiating construction, SDG&E will make all the appropriate and necessary notifications, including landowner This measure will be satisfied through the GEN-06 **Notifications** notifications. implementation of MM LU-01 and in accordance with the Construction Notification Plan.

SDG&E will notify the Underground Service Alert a minimum of 48 hours in advance of excavating or conducting other ground-

disturbing activities in order to identify buried utilities. Exploratory excavations (potholing) will also be conducted to verify the

locations of existing facilities in the field, if necessary.

Pre and To Be Implemented Immediately

Prior to Construction

During

This measure will be implemented during

disturbance as applicable.

construction and immediately prior to ground

Measure Category Title	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
Hydrology and Water Quality	APM- HYD-04	01	Conduct Wetlands and Waters Surveys	Any areas not surveyed for potentially jurisdictional wetlands or waters due to limited access will be surveyed prior to the start of construction activities and potential impacts will be assessed and the appropriate jurisdictional permits will be obtained as needed.	Surveys for jurisdictional wetlands and waters were completed in accordance with MM BIO-10. No impacts to jurisdictional wetlands and waters from SDG&E's final design and planned construction activities were identified for Phase I of this component. Therefore, no additional jurisdictional permits will be obtained and existing permits, such as the Streambed Alteration Agreement received on September 22, 2016, will not be utilized at this time.	Pre	Complete
Hydrology and Water Quality	APM- HYD-05	01	SWPPP	SDG&E will prepare and implement a Storm Water Pollution Prevention Plan (SWPPP). The SWPPP will identify BMPs based on its Water Quality BMPs Manual for each activity that has the potential to degrade surrounding water quality through erosion, sediment run-off, and other pollutants. These BMPs will then be implemented and monitored by a Qualified SWPPP Practitioner.	Phase I reconstruction of TL682 will be enrolled under the Construction General Permit (Order 2009-0009-DWQ [as amended by 2010-0014-DWQ and 2012-006-DWQ]). Permit Registration Documents, which includes a NOI and a SWPPP, will be electronically filed to the State Water Resources Control Board's Storm Water Multiple Applications and Report Tracking System prior to construction. The SWPPP and NOI approval (Waste Discharge Identification Number) will be submitted to the CPUC and USFS prior to construction. The SWPPP will be implemented during construction.	Pre and During	Pending
Hydrology and Water Quality	HYD-01	01	Erosion Control Plan/SWPPP	SDG&E shall develop and implement an Erosion Control Plan (ECP) for construction, operations, and maintenance activities in order to prevent and control soil erosion and gullying. The ECP shall include Forest Service best management practices specific to re-vegetation requirements (scarifying the soil, and fertilizing, seeding and/or mulching, as required to achieve proper post-construction site stabilization) and incorporate Construction General Permit SWPPP requirements for each construction segment as the SWPPP(s) for that segment are completed. Additionally, the ECP shall complement restoration goals and objectives identified in the Habitat Restoration Plan, as required under MM BIO-4. The ECP shall be updated for each construction segment and provided to the (CPUC) and the federal agencies for review and approval prior to each agency's Notice to Proceed issuance for that construction segment.	plan with SWPPP BMP mapping for TL682 will be submitted to the CPUC and USFS prior to construction. The Erosion Control Plan will be	Pre, During, and Post	Pending
Hydrology and Water Quality	HYD-01	02	Erosion Control Plan/SWPPP	As required by the Construction General Permit, SDG&E shall develop a Storm Water Pollution Prevention Plan (SWPPP) for the project or for individual construction segments, as required, to reduce soil erosion during construction. The SWPPP(s) and verification of submittal to the RWQCB shall be submitted to the CPUC and Forest Service prior to Notice to Proceed issuance for the respective construction segment. SDG&E shall provide the CPUC and Forest Service with subsequent amendments to the SWPPP as part of SDG&E's weekly compliance reports. In weekly construction compliance reports, SDG&E shall note when Storm Water Construction Site Inspection Report Forms have been posted to the Storm Water Multiple Application and Report Tracking System (SMARTS) following storm events.	Phase I reconstruction of TL682 will be enrolled under the Construction General Permit (Order 2009-0009-DWQ [as amended by 2010-0014-DWQ and 2012-006-DWQ]). Permit Registration Documents, which includes a NOI and a SWPPP will be electronically filed to the State Water Resources Control Boards' Storm Water Multiple Applications and Report Tracking System prior to construction. The SWPPP and NOI approval (Waste Discharge Identification Number) will be submitted to the CPUC and USFS prior to construction. The SWPPP will be implemented during construction.	Pre and During	Pending

Timing Status Measure Category MMNo TaskNo Mitigation Measure Task Text Comments Hydrology and HYD-Water Supply Plan For water that is to be purchased from one or more public or private water/utility district(s), private landowners, or from tribes, The Water Supply Plan was approved by the re and Complete Water Quality 02a SDG&E shall provide to the CPUC written documentation from such district(s) and/or landowners indicating the total amount of USFS on June 28, 2016 and by the CPUC on During water to be provided and the time frame that the water will be made available to the project. The documentation shall also August 11, 2016. An updated plan without indicate the type of water (potable or reclaimed) and the specific source of the water (groundwater well or surface diversions). references to specific transmission lines was The sources and amounts of water to be obtained by SDG&E shall be documented in a Water Supply Plan (WSP) to be submitted submitted to the CPUC and USFS on March 8, to the CPUC prior to notice to proceed for each project component. 2017, no approval was necessary. An updated plan with three additional water sources was submitted to the CPUC and USFS on April 7, 2017, no approval was necessary. Hydrology and HYD-Groundwater For identified water sources that derive their water supply from groundwater, SDG&E shall commission a groundwater study by a SDG&E commissioned a groundwater study of Pre Complete Water Quality 02b Evaluation registered/certified hydrogeologist, as reviewed and approved by CPUC, to assess the existing condition of the underlying the Live Oak Springs Water District. SDG&E groundwater/aquifer and all existing wells (with owner's permission) in the vicinity of proposed well location/water sources and submitted the resume for a registered/certified to verify that the proposed source is capable of supplying the amount of water needed. The groundwater study shall evaluate hydrogeologist on September 27, 2016. The whether the volume and duration of the proposed groundwater use would exceed County of San Diego thresholds for impacts CPUC approved the hydrogeologist on with respect to groundwater supply and well interference. If the evaluation indicates the potential for significant impacts, the September 27, 2016. The final Live Oak Springs registered/certified hydrogeologist shall recommend feasible mitigation measures (e.g., a groundwater monitoring program) to Water District Groundwater Evaluation was avoid exceeding applicable thresholds. The groundwater evaluation shall be provided along with the documentation of submitted to the CPUC for approval on March purchased water sources, and the CPUC shall not authorize construction of the project unless such documentation have been 22, 2017. The CPUC approved the Evaluation on March 30, 2017. An updated Water Supply Plan provided by SDG&E and approved by CPUC. If the evaluation finds that impacts cannot be avoided given the volume and duration of the proposed groundwater use, the CPUC will not authorize use of the water source and shall require SDG&E to seek other that includes the Live Oak Spring Water District viable sources of water. was submitted to the CPUC and USFS on April 7, 2017, no approval was necessary.

Location: TL682 Phase I Measure Category MMNo TaskNo Mitigation Measure Task Text Comments Timing Status HYD-04 01 Hydrology and Access Road Pre and Pending Planned grading and repair activities along SDG&E exclusive-use access roads that a) exceed grades of 15% (over a minimum The Access Road Condition and Evaluation Water Quality Condition distance of 100 feet), b) are within RCAs, or c) are anywhere within a sediment-sensitive watershed (as defined by the SWRCB) Report was approved by the CPUC on August During **Evaluation and** shall be evaluated by a qualified professional (e.g., PG, PE, or CEG contracted by SDG&E and reviewed and approved by the CPUC 18, 2016 and approved by the USFS on August Repair Design Repor and the Forest Service) prior to initiating construction on the associated segment, who will identify areas experiencing chronic 19, 2016. An Access Road Condition and erosion and drainage issues. At a minimum, segments shall include, but are not limited to, the following: Evaluation Report with updated attachments TL626 south of Eagle Creek Road and north of Boulder Creek Road for TL682 will be submitted prior to TL625 in the Vicinity of Barber Mountain Road construction. TL625 north of Lyons Valley Road and south of Carveacre Road C442 east of Oak Valley and south of I-8, on the western flanks of Long Peak Short segments of TL629 on either side of Cameron Valley and east of Pine Valley. The qualified professional shall design an engineered solution(s) to be implemented within the existing access roadway disturbance area in accordance with Forest Service standards, as described in Forest Service Handbook 2509.22 (Section 12.2), for each area determined to experience chronic erosion and/or drainage issues prior to beginning work on those facilities associated with the problematic access road. The designed solution(s) shall be included into the approved project to ensure the avoidance or minimization of substantial damage or soil loss along the identified road segments. Examples of such solutions could include, but are not limited to the following: Crowning road sections with gentle slopes to prevent standing water on the road Outsloping roads at 3%-5% wherever possible Where required for proper maneuvering and safety, insloping roads at 3-5% into properly designed ditches Installing rolling dips, ditch relief culverts, and/or water bars at intervals appropriate for the road-grade and the soil erosivity Minimizing the number of water crossings, and maintaining crossings as close to a 90-degree angle as possible to the streambed. Constructing perennial and seasonal/ephemeral stream crossings so as not to change the cross-sectional area of the stream channel or impede fish migration. Constructing perennial and seasonal/ephemeral stream crossings with materials that will not degrade water quality (e.g., concrete, coarse rock, riprap and/or gabions) - Surfacing roads with erosion-resistant materials such as rock or asphalt concrete. The Access Road Condition Evaluation and Repair Design Report shall identify locations, if any, where no feasible and/or effective solutions can be implemented to adequately handle runoff or comply with Forest Service soil and water quality management standards as contained in Forest Service Handbook 2509.22 (Section 12.2). The report will be updated for each construction segment according to SDG&E's final construction schedule. In these locations, the qualified professional shall recommend options for access road removal (i.e., requiring access by helicopter) or realignment (e.g., to achieve a lower slope) that would still achieve project objectives. Construction of each segment shall not proceed until the report section pertaining to that segment has been reviewed and approved by CPUC and Forest Service. In the event there are disputes regarding specific problem locations, CPUC and Forest Service will allow construction to proceed on those portions of the construction segment not impacted by access roads requiring evaluation under this measure; however, SDG&E shall not work in areas under dispute until resolution is achieved. HYD-06 02 N/A Hydrology and **Creek Crossing** Where creek crossing cannot be completed during the dry season creek crossing shall use jack-and-bore procedures to avoid Per the MMCRP, this measure applies only to Pre and Water Quality direct impacts and shall be conducted in a manner that does not result in sediment-laden discharge or hazardous materials the alternative alignment (Option 3 During release to the water body. SDG&E shall develop a Jack-and-Bore/Horizontal Directional Drill (HDD) Contingency Plan for this work Underground in Boulder Creek Road); in accordance with MM-HYD-8. Additionally, SDG&E shall implement the following measures during horizontal boring (jack-andtherefore, it is not applicable to this component. bore) operations and shall be included in the HDD Contingency Plan:1 Site preparation shall begin no more than 10 days prior to initiating horizontal bores to reduce the time soils are exposed adjacent to creeks and drainages. 2 Trench and/or bore pit spoil shall be stored a minimum of 25 feet from the top of the bank or wetland/riparian boundary. Spoils shall be stored behind a sediment barrier and covered with plastic or otherwise stabilized (i.e., tackifiers, mulch, or detention). 3 Portable pumps and stationary equipment located within 100 feet of a water resource (i.e., wetland/riparian boundary, creeks, and drainages) shall be placed within secondary containment with adequate capacity to contain a spill (i.e., a pump with 10-gallon fuel or oil capacity should be placed in secondary containment capable of holding 15 gallons). A spill kit shall be maintained on site at all times. 4 Within 24 hours following backfill of the bore pits, disturbed soils shall be seeded and stabilized to prevent erosion, and

temporary sediment barriers shall be left in place until restoration is deemed successful. SDG&E shall obtain the required permits prior to conducting creek crossing work. Required permits may include ACOE CWA Section 404, Regional Water Quality Control

Board Clean Water Act 401, and CDFG Streambed Alteration Agreement 1602. SDG&E shall implement all pre and post-

construction conditions identified in the permits issued.

Location: TL682 Phase I Measure Category MMNo TaskNo Mitigation Measure Task Text Comments Timing Status Hydrology and HYD-07 01 Pre and N/A **HDD Contingency** If horizontal directional drilling is to be used during construction, SDG&E shall prepare a Horizontal Directional Drill (HDD) Per the MMCRP, this measure applies only to Water Quality Plan Contingency Plan to address procedures for containing an inadvertent release of drilling fluid (frac-out). The plan shall contain the alternative alignment (Option 3 During specific measures for monitoring frac-outs, for containing drilling mud, and for notifying agency personnel. The plan shall also Underground in Boulder Creek Road); discuss spoil stockpile management, hazardous materials storage and spill cleanup, site-specific erosion and sediment control, therefore, it is not applicable to this component. and housekeeping procedures, as described in the Stormwater Pollution Prevention Plan. The Jack-and-Bore HDD Contingency Plan shall be submitted to the CPUC, Forest Service, Bureau of Indian Affairs, and ACOE 60 days prior to construction. HYD-07 02 Pre and N/A Hydrology and **HDD Contingency** SDG&E shall obtain the required permits prior to conducting work associated with jack-and-bore/horizontal directional drilling Per the MMCRP, this measure applies only to Water Quality Plan activities. Required permits may include U.S. Army Corps of Engineers Clean Water Act Section 404, Regional Water Quality the alternative alignment (Option 3 During Control Board Clean Water Act 401, and CDFG Streambed Alteration Agreement Section 1602. The applicant shall implement all Underground in Boulder Creek Road); pre-and post-construction conditions identified in the permits issued for the jack-and-bore/horizontal directional drilling. therefore, it is not applicable to this component. LU-01 01 Land Use and Construction Prepare Construction Notification Plan. Forty-five (45) days prior to construction of the first segment, the project applicant shall The Construction Notification Plan was Pre **Pending Planning** Notification Plan approved by the USFS on June 16, 2016 and by prepare and submit a Construction Notification Plan to the appropriate land use jurisdiction agency for approval. The plan will be updated with additional information 45 days before construction of each additional segment. The plan shall identify the the CPUC on June 17, 2016. An updated procedures that will be used to inform private landowners, schools, and agencies with authority over recreational areas/facilities Construction Notification Plan with a list of of the location and duration of construction; identify approvals that are needed prior to posting or publication of construction adjacent landowners for TL682 was submitted notices; and include text of proposed public notices and advertisements. The plan shall address at a minimum the following to the CPUC and USFS on March 17, 2017. components: The public venue notice for construction along Public notice mailer. A public notice mailer shall be prepared and mailed no less than 15 days prior to construction. The notice this component was submitted to the CPUC and shall identify construction activities that would restrict, block, remove parking, or require a detour to access existing residential USFS on February 14, 2017. The CPUC and USFS properties and other sensitive land uses. The notice shall state the type of construction activities that will be conducted and the approved the public venue notice on February location and duration of construction, including all helicopter activities. The project applicant shall mail the notice to all residents 14, 2017. The public venue notice for TL682 was or property owners within 1,000 feet of project components and to all land use agencies having jurisdiction over a recreation posted at various locations adjacent to the sites area/facility located within 1,000 feet of a project component. If construction delays of more than 30 days occur, an additional on February 16, 2017, and was documented in an email to the CPUC and USFS on February 23, notice shall be prepared and distributed. To facilitate access to properties obstructed by construction activities, the project applicant shall notify property owners and tenants at least 24 hours in advance of construction activities and shall provide 2017. alternative access if required. The public notice mailer and newspaper Newspaper/website advertisements. Fifteen (15) days prior to construction of any project component, notices shall be placed in advertisement will be submitted to the CPUC local newspapers and bulletins, including Spanish language newspapers and bulletins, and on the relevant websites of and USFS for approval prior to construction. jurisdictional agencies. The Forest Supervisor, District Rangers, and Public Affairs Officer of the Cleveland National Forest shall The public notice mailer will be sent out 15 days also be notified. The notice shall state when and where construction will occur and provide information about the public liaison prior to construction. The certification of person and hotline. If construction is delayed for more than 7 days, an additional round of newspaper notices shall be placed to mailing will be submitted to the CPUC and the discuss the status and schedule of construction. USFS prior to construction. The newspaper advertisement will run in various newspapers Public venue notices. Thirty (30) days prior to construction, notice of construction shall be posted at public venues such as 15 days prior to construction. libraries, community notification boards, post offices, rest stops, community centers, trailheads, informational kiosks, and other public venues applicable to the electrical facility under construction to inform affected residents and recreationists of the purpose and schedule of construction activities. Public liaison person and toll-free information hotline. The project applicant shall identify and provide a public liaison person before and during construction to respond to concerns of neighboring property owners about noise, dust, and other construction disturbance. Procedures for reaching the public liaison officer via telephone or in person shall be included in notices distributed to the public. The project applicant shall also establish a toll-free telephone number for receiving questions or complaints during construction and shall develop procedures for responding to callers. Procedures for handling and responding to calls shall be

addressed in the Construction Notification Plan.

Location: TL682 Phase I Measure Category MMNo TaskNo Mitigation Measure Task Text Comments Timing Status Land Use and LU-02 01 TL626 and C442 N/A If the Forest Service selects to leave TL626 or C442 in place, it would have to approve a project-specific CNF Land Management TL682 is not listed in the measure; therefore, Pre **Planning** Land Management Plan Amendment contemporaneously with the decision to authorize the MSUP and pole replacement project. The projectthis measure is not applicable. Plan specific plan amendment would amend the Land Management Plan to allow project-specific exemptions for inconsistences with the CNF Land Management Plan land use zones and standards. LU-03 01 Reduce Land Use N/A Land Use and At least Ninety (90) days prior to completing final transmission line design for the approved route, the project applicant shall TL682 is not listed in the measure; therefore, Pre **Planning** Conflicts notify landowners of parcels through which the alignment would pass regarding the specific location of the ROW, individual this measure is not applicable. towers, staging areas, access roads, or other facilities associated with the project that would occur on the subject property. The notified parties shall be provided 30 days in which to identify conflicts with any planned development on the subject property and to work with the project applicant to identify potential reroutes of the alignment that would be mutually acceptable to the project applicant and the landowner. Property owners whose land may be divided into potentially uneconomic parcels shall be afforded this same opportunity, even if development plans have not been established. The project applicant shall endeavor to accommodate these reroutes to the extent that they are feasible and do not create adverse impacts to resources or to other properties that would be greater in magnitude than impacts that would occur from construction and operation of the alignment as originally planned. LU-04 01 N/A Land Use and **County Roadways** Prior to construction, for any structure or object that is placed in, under, or over any portion of a county roadway, SDG&E shall TL682 is not listed in the measure; therefore, Pre obtain, from the San Diego County Director, Department of Public Works (DPW), a written encroachment permit in accordance this measure is not applicable. **Planning** with Section 71 (Highway and Traffic) of the San Diego County code of Regulatory Ordinances. APM-Noise Construction SDG&E will provide notice of the construction schedule to all property owners within 300 feet of the Proposed Action by mail at This measure will be satisfied through the Pre and Pending NOI-01 Schedule least one week prior to the start of construction activities. The announcement will state the construction start date, anticipated implementation of MM LU-01 and in During Notification completion date, and hours of operation, as well as a telephone number to call with questions or complaints during construction. accordance with the Construction Notification Plan. PHS-01 01 Public Health and **Contractor Training** To Be Implemented Immediately San Diego Gas & Electric (SDG&E) shall provide written documentation that all staff, including contractor, and subcontractor All construction personnel will receive the Safety project personnel, have received training regarding the appropriate work practices necessary to effectively implement hazardous Worker Environmental Awareness Program Prior to Construction During training immediately prior to beginning work on materials procedures and protocols and to comply with the applicable environmental laws and regulations, including, without limitation, hazardous materials spill prevention and response measures. the Project. The Worker Environmental Awareness Program training will include the appropriate work practices and hazardous materials protocol. Sign-in sheets will be submitted with the Weekly Environmental Compliance Report. Public Health and PHS-02 Hazardous Materials SDG&E will be required to complete a Spill Response and Notification Plan for agency approval before commencing construction. The Spill Response and Notification Plan was omplete Safety **BMPs** approved by the USFS on July 21, 2016 and by the CPUC on July 18, 2016.

In addition to any other requirements established by the appropriate regulatory agencies, the pre-blast survey and blasting plan

feet from the identified blast site to be specified by San Diego Gas & Electric (SDG&E) or SDG&E's contractor. Sensitive receptors

shall meet the following conditions: -The pre-blast survey shall be conducted for structures within a minimum radius of 1,000

that could reasonably be affected by blasting shall be surveyed as part of the pre-blast survey.

Public Health and

Safety

PHS-03 02

Blasting Procedures

Pre and To Be Implemented During

Construction

During

A pre-blast survey will be conducted if blasting

is determined to be necessary.

Measure Category MMNo TaskNo Mitigation Measure Task Text Timing Status Public Health and PHS-03 04 Blasting Procedures If blasting is required, SDG&E will prepare a To Be Implemented During - The final blasting plan shall address air-blast limits, ground vibrations, and maximum peak particle velocity for ground Pre and Safety Blasting Plan in accordance with this measure. Construction movement, including provisions to monitor and assess compliance with the air-blast, ground vibration, and peak particle velocity During requirements. The blasting plan shall meet criteria established in Chapter 3 (Control of Adverse Effects) in the Blasting Guidance Manual of the U.S. Department of Interior Office of Surface Mining Reclamation and Enforcement. - The blasting plan shall outline the anticipated blasting procedures for the removal of rock material at the proposed pole locations. The blasting procedures shall incorporate line control to full depth and controlled blasting techniques to create minimum breakage outside the line control and maximum rock fragmentation within the target area. Prior to blasting, all applicable regulatory measures shall be met. The applicant, general contractor, or its subcontractor (as appropriate) shall keep a record of each blast for at least 1 year from the date of the last blast. PHS-04 01 Public Health and Soil and Prior to construction, all San Diego Gas & Electric (SDG&E), contractor, and subcontractor project personnel anticipated to work Poles Z173105 through Z173109 are not located Pre and N/A Safety Groundwater between poles Z173105 and Z173109 shall receive training regarding the location of suspected soil and groundwater along TL682; therefore, this measure does not During Contamination contamination along TL629 between poles Z173105 and Z173109, and will be instructed to avoid any ground disturbance in the apply to this component. **Training** area. PHS-07 01 Public Health and Conduct The applicant shall perform design-level geotechnical investigations to evaluate the potential for liquefaction, lateral spreading, SDG&E performed design-level geotechnical Pre and Pending Safety Geotechnical investigations for TL682 from February to April seismic slope instability, and ground-cracking hazards to affect the approved project and all associated facilities. Where these During **Investigations** hazards are found to exist, appropriate engineering design and construction measures that meet California Building Code (CBC), 2016. Additional geotechnical investigations will CPUC General Order 95, and Electric Power Research Institute (EPRI) Moment Foundation Analysis and Design parameters shall occur in April through May 2017. Results of the be incorporated into the project designs. investigations will be incorporated into the final design drawings. Public Health and PSU-01 01 **AT&T Commitments** Documentation confirming that AT&T facilities Pre **Pending** Prior to receiving a Notice to Proceed with construction along each of the proposed power line replacement projects, SDG&E Safety shall provide to the CPUC and Forest Service written commitment from AT&T confirming that AT&T facilities that are co-located will be transferred onto the powerline on the proposed power line replacement projects will be relocated to SDG&E's new facilities. Facilities will be transferred in a replacement structures will be submitted to the manner that avoids interruptions of telecommunications services to the greatest degree possible. The timing of the relocation CPUC and the USFS prior to transferring the activities will be reviewed and approved by both the CPUC and Forest Service. AT&T facilities. REC-01 01 Gate Plan To deter unauthorized access to specially designated or restricted areas via SDG&E access roads authorized by the MSUP, the The Gate Plan was approved by the USFS on Pre, Recreation **Pending** project applicant shall submit a plan and schedule for gate (or other barriers, such as pipe rails, where appropriate) installation to August 25, 2016. At this time, SDG&E has not During, the Forest Service for approval. Gates will meet Forest Service engineering standards, and designs will be approved by the Forest identified new gate locations that would fit the and Service prior to installation. In addition, appropriate deterrence signage approved by the Forest Service shall be installed on gates criteria outlined in the approved plan. The USFS Post to SDG&E access roads. Maintenance of gates and signage shall be the responsibility of the project applicant. is reviewing this component and will be providing feedback on the need for additional gates on TL682. APM-Pre and N/A Transportation 01 Coordinate with SDG&E will coordinate flight patterns with local air traffic control and the Federal Aviation Administration prior to construction to Per the APM and MM Superseded List--which TRANSand Traffic Local Air Traffic and prevent any adverse impacts due to increased air traffic. was submitted to the CPUC on July 5, 2016--this During 06 FAA APM was superseded in the Final Environmental Impact Report/Final Impact

Comments

Statement by MM PHS-5.