



Kirstie Reynolds
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June 6, 2018

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

Re: Notice to Proceed (NTP) Request #16 to Conduct Geotechnical Investigations on the Transmission Line (TL) 6923 and TL625C Components of the Cleveland National Forest Power Line Replacement Projects (Project)

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 (MMs) and applicant-proposed measures (APMs) 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 (U.S.) 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 and an Amended ROD on December 15, 2017.

Activity Summary

SDG&E is formally requesting authorization from the CPUC to conduct geotechnical investigations on the TL6923 and TL625C components of the Project to complete the final engineering design for each component. SDG&E is proposing to conduct 11 geotechnical borings along TL6923 and nine geotechnical borings along TL625C. No geotechnical investigations have previously been conducted for TL6923 and TL625C.

Attachment A: NTP #16 Components Map depicts the locations of the geotechnical borings for TL6923 and TL625C. These geotechnical investigations are being conducted in accordance with MM PHS-7 of the Project's MMCRP in order to complete the pre-construction requirement for the reconstruction of TL6923 and TL625C.

The geotechnical borings will be performed within existing disturbed areas and will be micro-sited in the field to ensure that no impacts to sensitive resources and native vegetation will occur. Public roads and other existing access roads will be used to access the geotechnical investigation sites. Traffic control signage and other devices will be employed as required by County of San Diego-approved traffic control plans to ensure the safety of workers and motorists when working on or adjacent to public roads. Geotechnical investigations along TL6923 and TL625C are anticipated to take approximately two months and will begin in July/August 2018 and end in September/October 2018.

Geotechnical Borings

A total of 20 geotechnical borings are proposed along the TL6923 and TL625C alignments. Geotechnical borings consist of drilling a six- to eight-inch-diameter hole using a hollow-stem auger attached to a drill rig. Soil samples will be collected at regular intervals during drilling. The borings will be completed to varying depths, depending on subsurface conditions, but will generally not exceed 50 feet. Upon completion of the borings, the holes will be backfilled. Ground disturbance will be limited, and the ground surface will be restored to pre-investigation conditions to the extent possible.

The borings will be completed using a rubber-tired, truck-mounted drill rig, which is approximately eight feet wide by 30 feet long; or a rubber-tracked, limited access drill rig, which is approximately four feet wide by 17 feet long. The boom on the drill rig will extend to a maximum height of approximately 30 feet during drilling. A standard-sized pickup truck will be parked as close to the drill rig as possible. A couple of standard-sized pickup trucks or similar vehicles will also be on site for the biological and cultural monitors. During drilling, three to five workers will be on site, including a driller, a driller's assistant, an engineer or geologist, and biological and cultural monitors as needed. The total work area required to complete the borings will measure approximately 15 feet wide by 40 feet long. Each boring will take three to eight hours to complete, depending on subsurface conditions.

Pre-Construction Mitigation Measures

A list of all of the pre-construction MMs/APMs identified in the MMCRP that are relevant to the geotechnical investigations along these components is provided in Table 1: Pre-Construction Status Report. To facilitate tracking and implementation, each MM/APM has been organized by completion status, with notes as applicable. No geotechnical work will occur until all of the applicable pre-construction MMs/APMs have been fulfilled.

Table 1: Pre-Construction Status Report

Completion Status	MM/APM	Status Notes
Complete	APM CUL-02	Cultural resources surveys for the Project were completed during the initial survey in 2011. Prior and subsequent pedestrian surveys were completed on TL6923 in 2010 and 2018, and on TL625C in 2009, 2010, 2016, 2017, and 2018.
	APM CUL-06	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 State Historic Preservation Officer on August 26, 2016.
	MM HYD-2a	The Water Supply Plan was approved by the USFS on June 28, 2016, and by the CPUC on August 11, 2016; an updated plan without references to specific transmission lines was submitted to the CPUC and USFS on March 8, 2017 (no approval was required); and an updated plan with three additional water sources was submitted to the CPUC and USFS on April 7, 2017 (no approval was required).
	MM HYD-2b	The final Live Oak Springs Water District Groundwater Evaluation was submitted to the CPUC for approval on March 22, 2017; the CPUC approved the evaluation on March 30, 2017; and an updated Water Supply Plan that includes the Live Oak Springs Water District was submitted to the CPUC and USFS on April 7, 2017 (no approval was required).
	MM PHS-2	The Spill Response and Notification Plan was approved by the USFS on July 21, 2016 and by the CPUC on July 18, 2016.

Completion Status	MM/APM	Status Notes
Not Applicable	MM VIS-1, MM VIS-2, APM BIO-02, APM BIO-05, APM BIO-06, APM BIO-08, APM BIO-09, MM BIO-4, MM BIO-7, MM BIO-9, MM BIO-10, MM BIO-11, MM BIO-12, MM BIO-13, MM BIO-15, MM BIO-17, MM BIO-18, MM BIO-19, MM BIO-31, MM BIO-33, APM CUL-03, APM CUL-08, MM CUL-2, APM HYD-04, APM HYD-05, MM HYD-4, MM HYD-6, MM HYD-7, MM LU-2, MM LU-3, MM LU-4, MM PHS-3, MM PHS-4, MM PHS-7, MM PSU-1, MM REC-1, and APM TRANS-06	These measures are not applicable to the geotechnical investigations on TL6923 and TL625C.
Pending	MM BIO-30	A literature review and follow-up surveys for potential Townsend's big-eared bat roosts and common bat species roosts were conducted by CPUC- and USFS-approved bat biologists in 2018. No active or potential bat roosts were identified near geotechnical investigation sites on TL6923 and TL625C during focused surveys. A bat roost survey report for TL6923 and TL625C geotechnical investigations will be submitted to the U.S. Fish and Wildlife Service (USFWS), California Department of Fish and Wildlife (CDFW), CPUC, and USFS prior to conducting the geotechnical investigations.

Completion Status	MM/APM	Status Notes
Pending (cont.)	MM BIO-1, MM BIO-14, MM BIO-16, and MM BIO-21	The geotechnical investigations will not impact special-status plant species or special-status butterfly host species due to micro-siting in existing disturbed areas to avoid native vegetation. Suitable habitat for Quino checkerspot butterfly (QCB) occurs on TL6923; however, no QCB were detected during the 2018 protocol-level surveys. ¹ Suitable habitat for Hermes copper butterfly (HCB) occurs on TL6923 and TL625C; however, the 2018 protocol-level surveys are currently underway to determine whether there is occupied habitat. SDG&E will comply with the Low-Effect Habitat Conservation Plan for QCB, and a CPUC- and USFS-approved biological monitor will be on site to monitor initial ground-disturbing activities. A Sensitive Resources Map depicting geotechnical investigation sites, temporary restricted access signs, special-status plant occurrences, special-status butterfly host plant occurrences, the locations of fencing/flagging to protect plant species, and suitable QCB and HCB habitat will be submitted to the CPUC and USFS on June 6, 2018. Because the 2018 special-status plant surveys are currently underway, only the special-status plant species that have been identified during the spring surveys will be included in the Sensitive Resources Map. A geographic information system map package with the locations of special-status plants and special-status butterfly host plants will be submitted with the Sensitive Resources Map. Fencing and/or flagging will occur immediately prior to conducting the geotechnical investigations. The geotechnical investigations are scheduled to occur from July/August 2018 to September/October 2018.
	MM CUL-01 and MM CUL-3	A mapbook identifying all Environmentally Sensitive Areas (ESAs) that will be avoided during the geotechnical investigations on TL6923 will be provided to the CPUC and USFS prior to conducting the geotechnical investigations. No geotechnical investigations are located within 50 feet of an ESA on TL625C.

¹ The 2018 QCB Focused Survey Report is currently being drafted and will be submitted to the CPUC, USFS, USFWS, and CDFW when it is complete.

Completion Status	MM/APM	Status Notes
Pending (cont.)	APM GEN-06, MM LU-1, APM NOI-01	The Construction Notification Plan was approved by the USFS on June 16, 2016 and by the CPUC on June 17, 2016. An updated Construction Notification Plan with a list of landowners adjacent to the TL6923 and TL625C geotechnical investigation sites will be submitted to the CPUC and USFS prior to conducting the geotechnical investigations. The public venue notice, public mailer, and newspaper advertisements were submitted to the CPUC and USFS for approval on May 23, 2018. The CPUC and USFS approved the notices on May 23, 2018. The public venue notice for TL6923 and TL625C geotechnical investigations was posted at various locations adjacent to the alignments on May 29, 2018. Posting of the public venue notice was documented in an email to the CPUC and USFS on June 6, 2018. The public mailer will be sent out 15 days prior to conducting the geotechnical investigations. The certification of mailing will be submitted to the CPUC and USFS prior to conducting the geotechnical investigations. The advertisement will run in various newspapers 15 days prior to conducting the geotechnical investigations.
To be Implemented During Construction	MM BIO-3, MM BIO-6, MM BIO-20, MM BIO-21, MM BIO-22, MM BIO-24, MM BIO-26, MM BIO-27, MM FF-1, and MM HYD-1	These measures will be implemented during the geotechnical investigations on TL6923 and TL625C.
To be Implemented Immediately Prior to Construction	APM BIO-07, MM BIO-2, MM BIO-28, APM CUL-01, APM GEN-07, and MM PHS-1	These measures will be implemented immediately prior to conducting the geotechnical investigations on TL6923 and TL625C.

SDG&E respectfully requests authorization of this NTP request by June 22, 2018 in order to begin geotechnical investigations along TL6923 and TL625C 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,

A handwritten signature in black ink that reads "Kirstie Reynolds". The script is cursive and fluid.

Kirstie Reynolds
Team Lead – Environmental Project Management
SDG&E

Attachment A: NTP #16 Components Map

cc:

Allison Rice, Dudek
Anna Bischoff, Dudek
David Hochart, Dudek
Brad Aughinbaugh, USFS
Emily Fudge, USFS
KD Tyree, USFS
Kirsten Winter, USFS
Katie Basinski, SDG&E
Jennifer Kaminsky, SDG&E
Tim Knowd, SDG&E










Rachel Ruston, SDG&E
Jim Vanlandingham, SDG&E
Tanzania Ware, SDG&E
Heidi Waitley, SDG&E
Fred Bauermeister, Insignia Environmental (Insignia)
Jeff Coward, Insignia
Kevin Kilpatrick, Insignia
Adam Lievers, Insignia
Anne Marie McGraw, Insignia
Erin Tomaras, Insignia

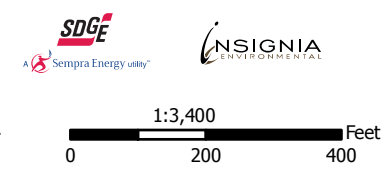
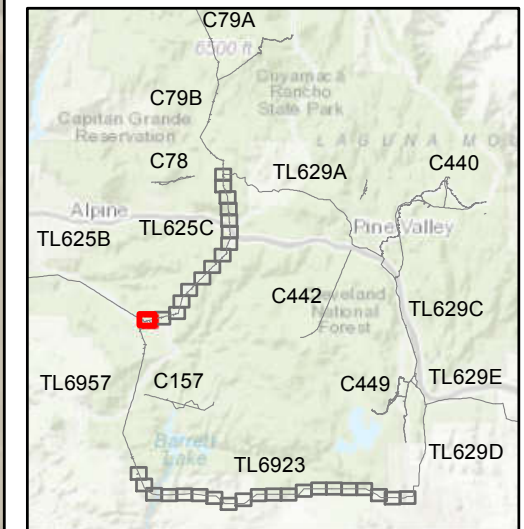
ATTACHMENT A: NTP #16 COMPONENTS MAP

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**Attachment A:
NTP #16 Components Map
TL625C Geotech Map 1 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

-  Boring
-  New Steel Pole
-  Removal
-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement 12 kV Only
-  Fly Yard/Staging Area (Previously Approved)
-  Navigation Access Road
-  Wood-to-Steel Replacement
-  U.S. Forest Service



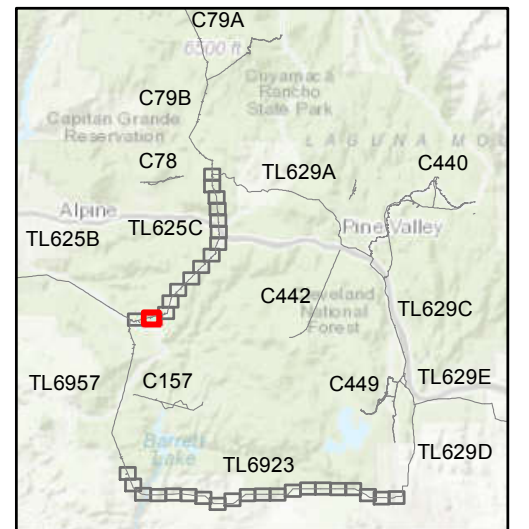
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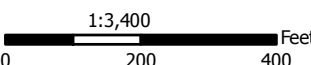

**Attachment A:
NTP #16 Components Map
TL625C Geotech Map 2 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

-  Removal
-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement 12 kV Only
-  Wood-to-Steel Replacement
-  U.S. Forest Service












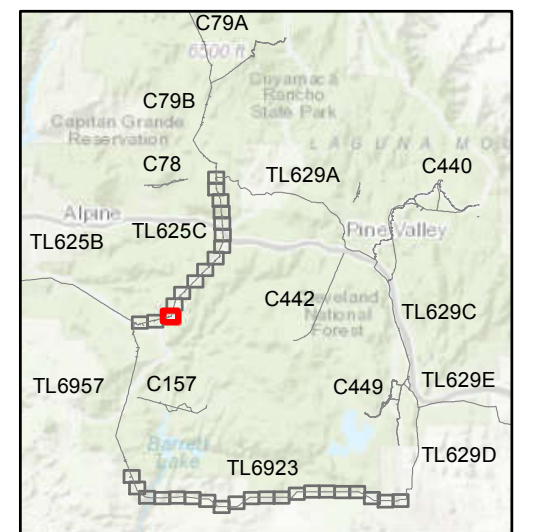
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**Attachment A:
NTP #16 Components Map
TL625C Geotech Map 3 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

-  Boring
-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement 12 kV Only
-  Wood-to-Steel Replacement
-  U.S. Forest Service







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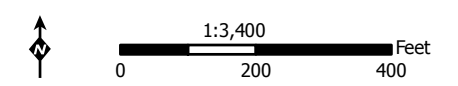
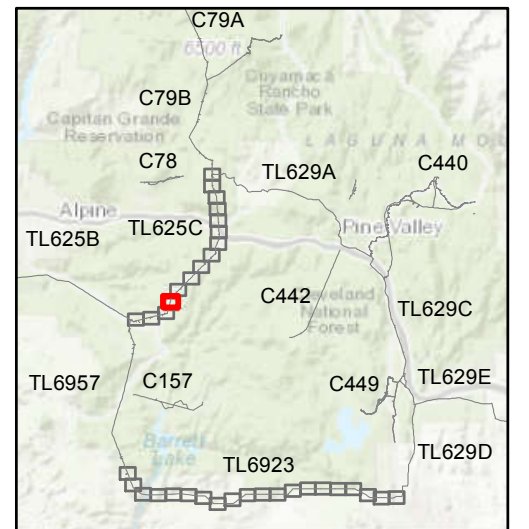
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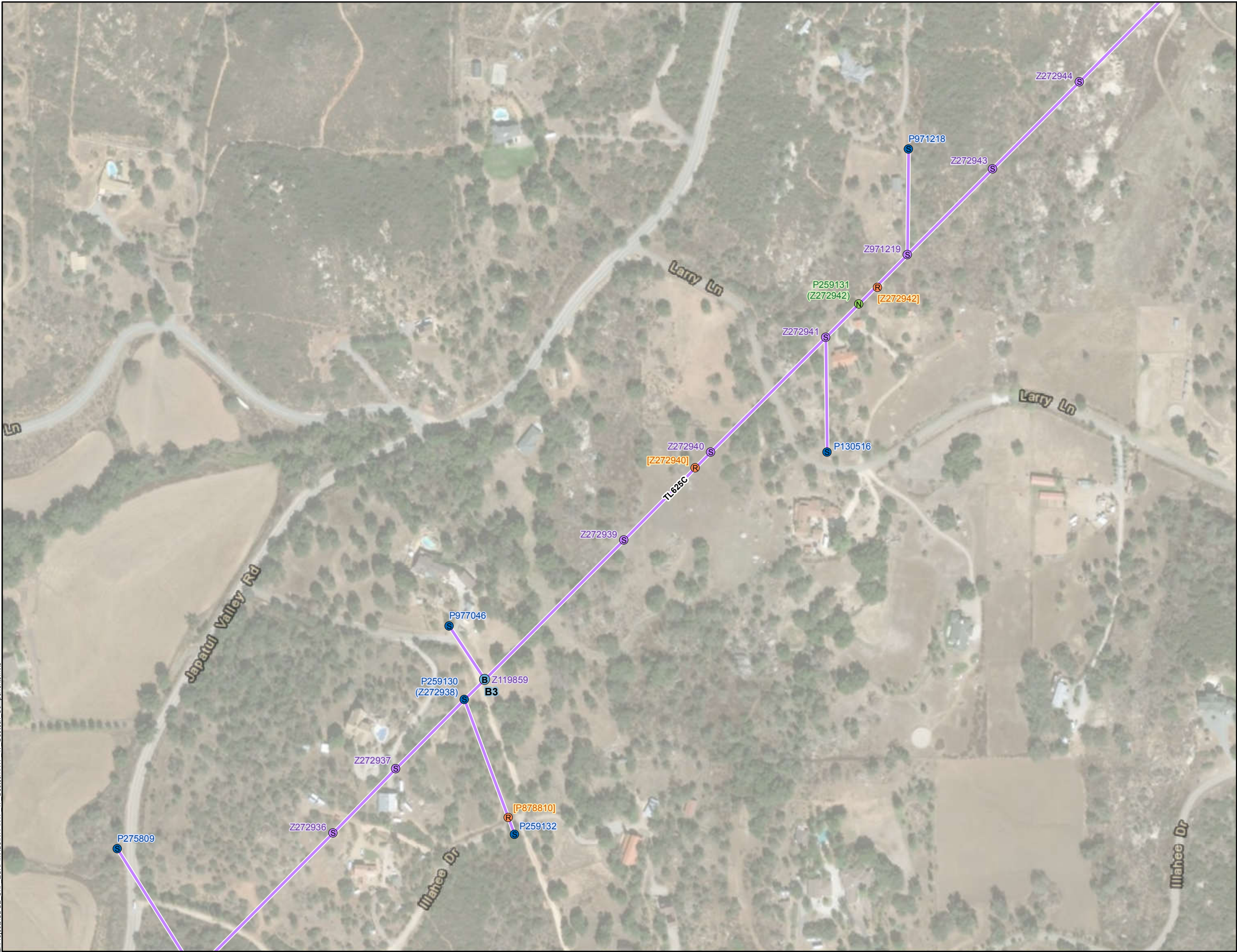
**Attachment A:
NTP #16 Components Map
TL625C Geotech Map 4 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement 12 kV Only
-  Wood-to-Steel Replacement
-  U.S. Forest Service



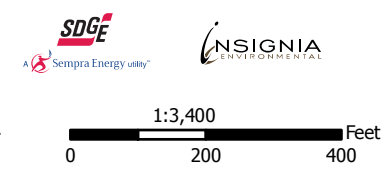
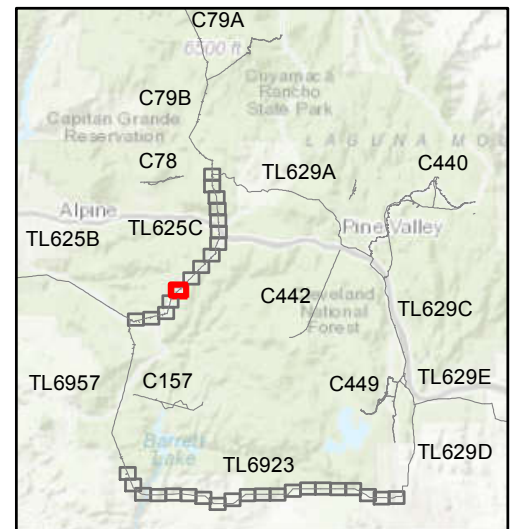
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**Attachment A:
NTP #16 Components Map
TL625C Geotech Map 5 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

- Boring
- New Steel Pole
- Removal
- Wood-to-Steel Replacement
- Wood-to-Steel Replacement 12 kV Only
- Wood-to-Steel Replacement








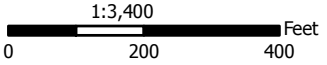
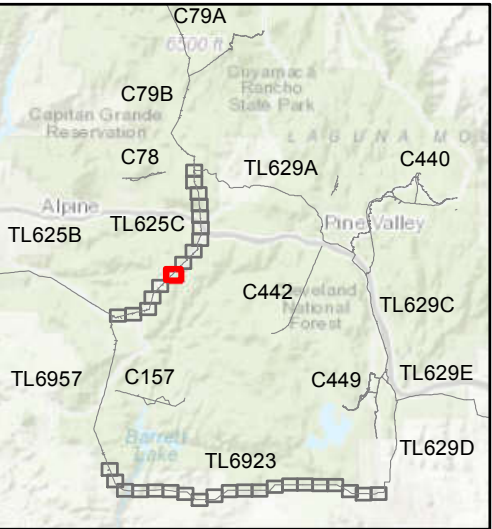
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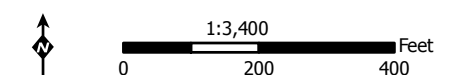
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NTP #16 Components Map
TL625C Geotech Map 6 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

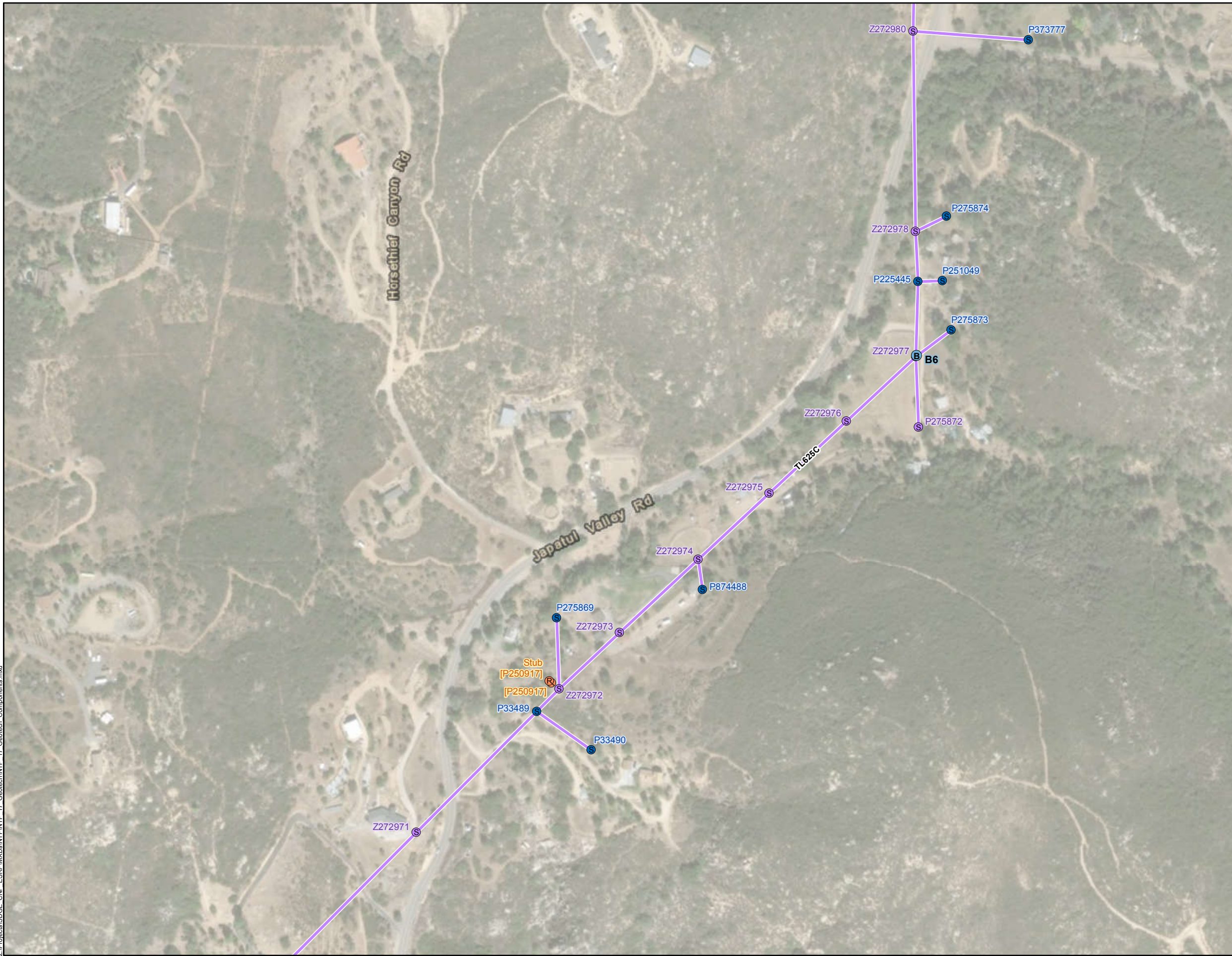
-  Boring
-  Wood-to-Steel Replacement
-  Navigation Access Road
-  Wood-to-Steel Replacement
-  U.S. Forest Service



-
- U.S. Forest Service








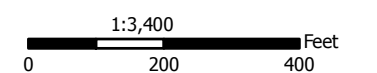
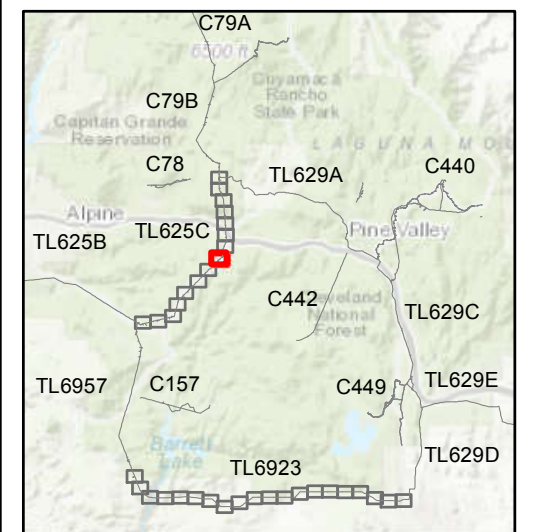
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**Attachment A:
NTP #16 Components Map
TL625C Geotech Map 8 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

-  Boring
-  Removal
-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement 12 kV Only
-  Wood-to-Steel Replacement



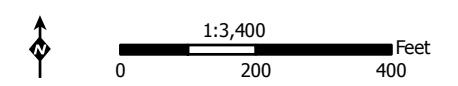
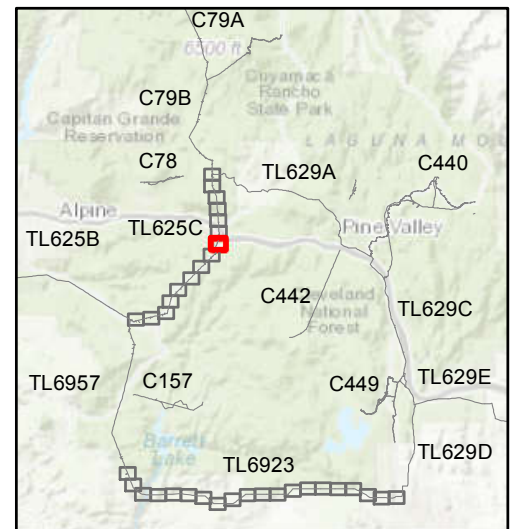
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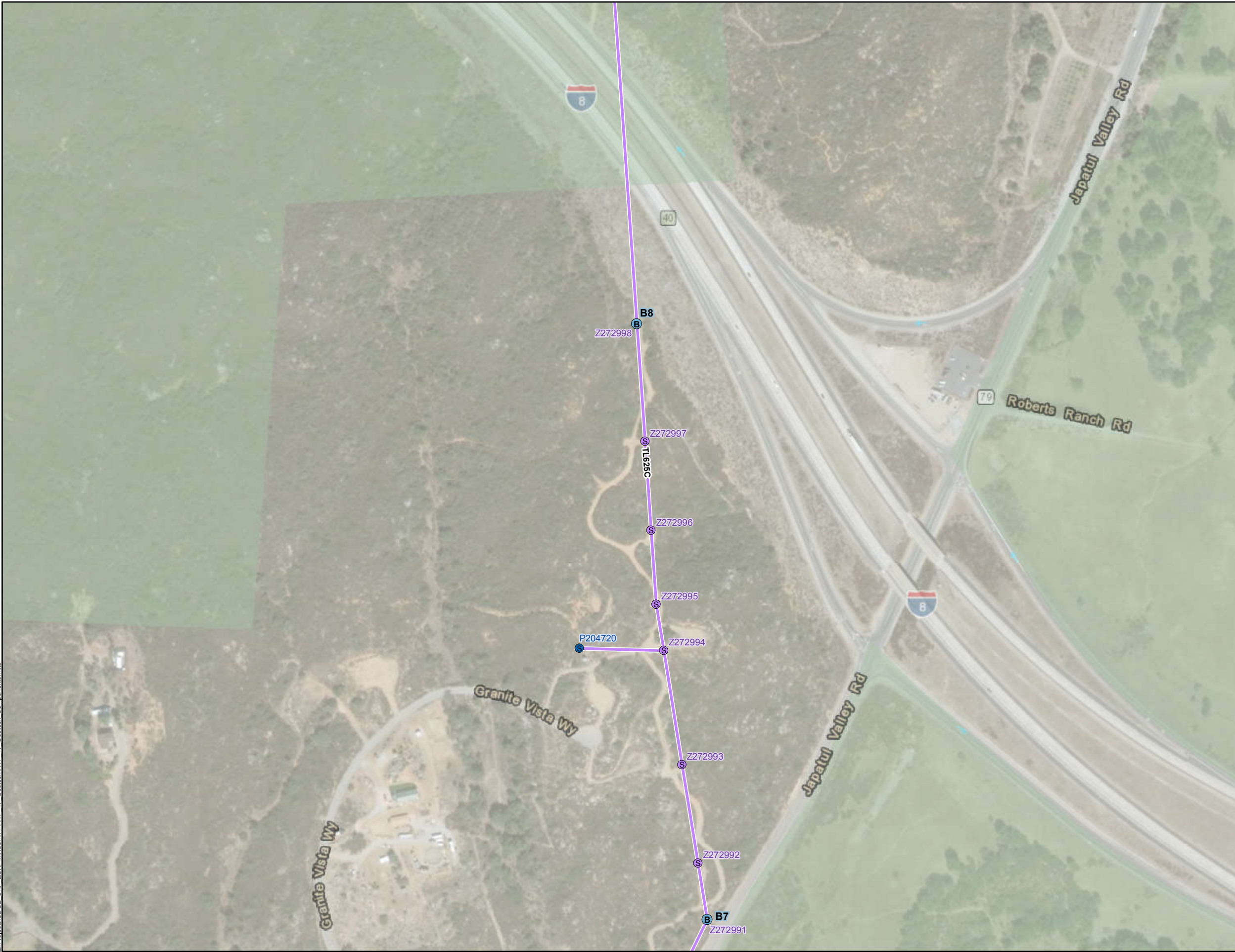
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NTP #16 Components Map
TL625C Geotech Map 9 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

- Wood-to-Steel Replacement
- Wood-to-Steel Replacement 12 kV Only
- Wood-to-Steel Replacement
- U.S. Forest Service



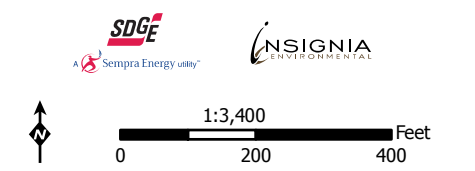
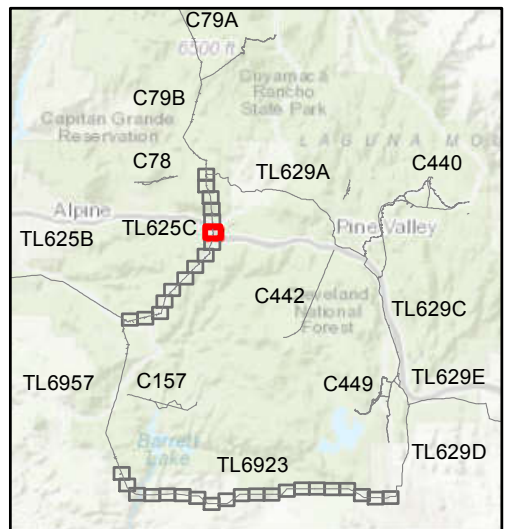
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Attachment A:
NTP #16 Components Map
TL625C Geotech Map 10 of 35

Cleveland National Forest
Power Line Replacement Projects

-  Boring
-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement 12 kV Only
-  Wood-to-Steel Replacement
-  U.S. Forest Service







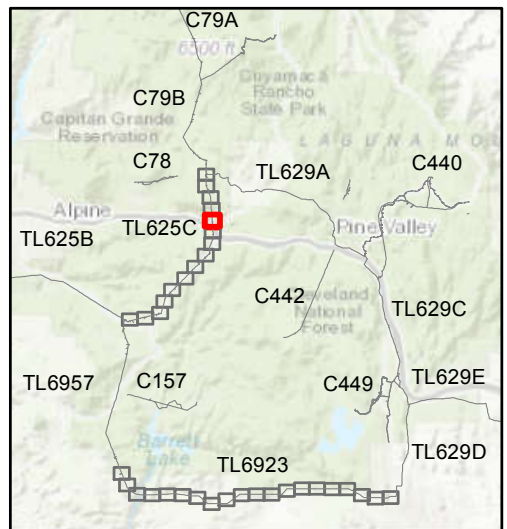
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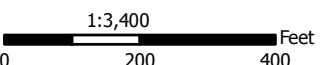

Attachment A:
NTP #16 Components Map
TL625C Geotech Map 11 of 35

Cleveland National Forest
Power Line Replacement Projects

-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement 12 kV Only
-  Wood-to-Steel Replacement
-  U.S. Forest Service












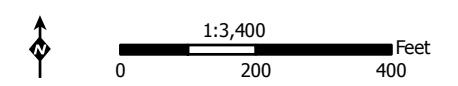
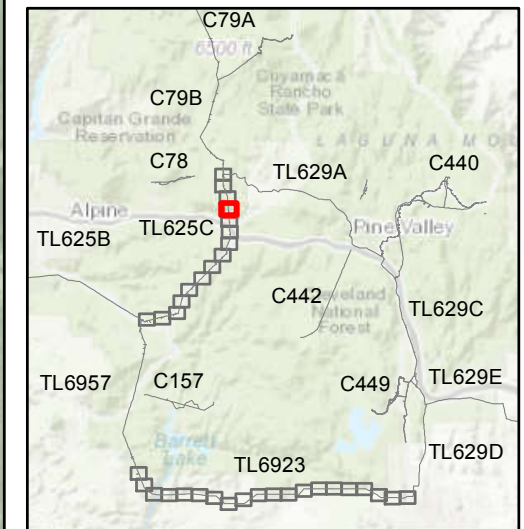
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**Attachment A:
NTP #16 Components Map
TL625C Geotech Map 12 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

-  Removal
-  Wood-to-Steel Replacement
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-  U.S. Forest Service





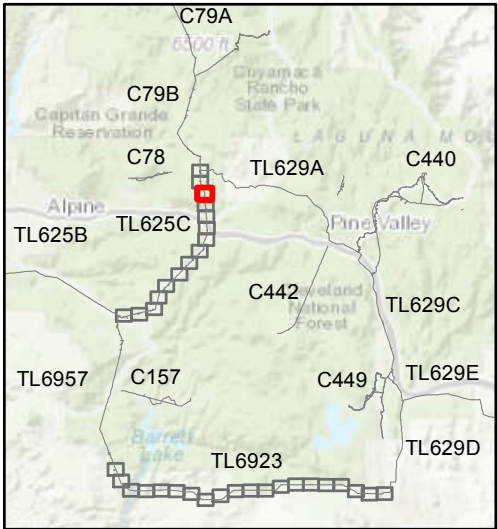
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**Attachment A:
NTP #16 Components Map
TL625C Geotech Map 13 of 35**

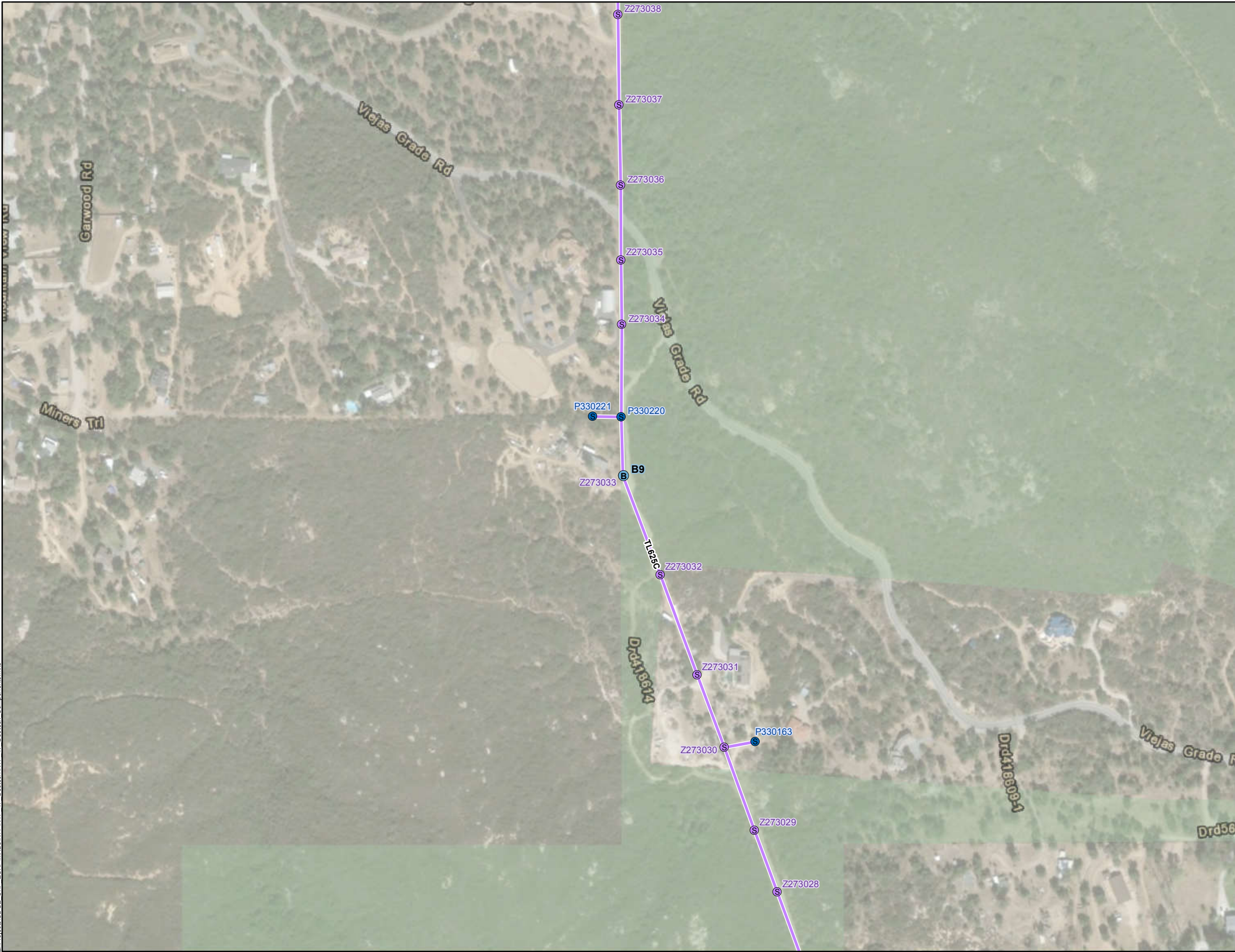
**Cleveland National Forest
Power Line Replacement Projects**

-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement
-  U.S. Forest Service








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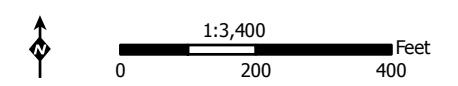
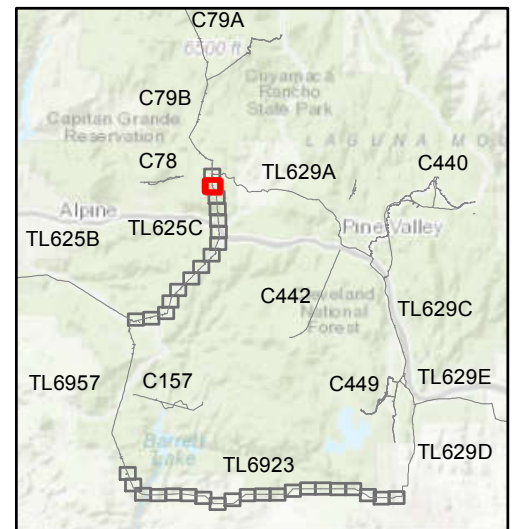
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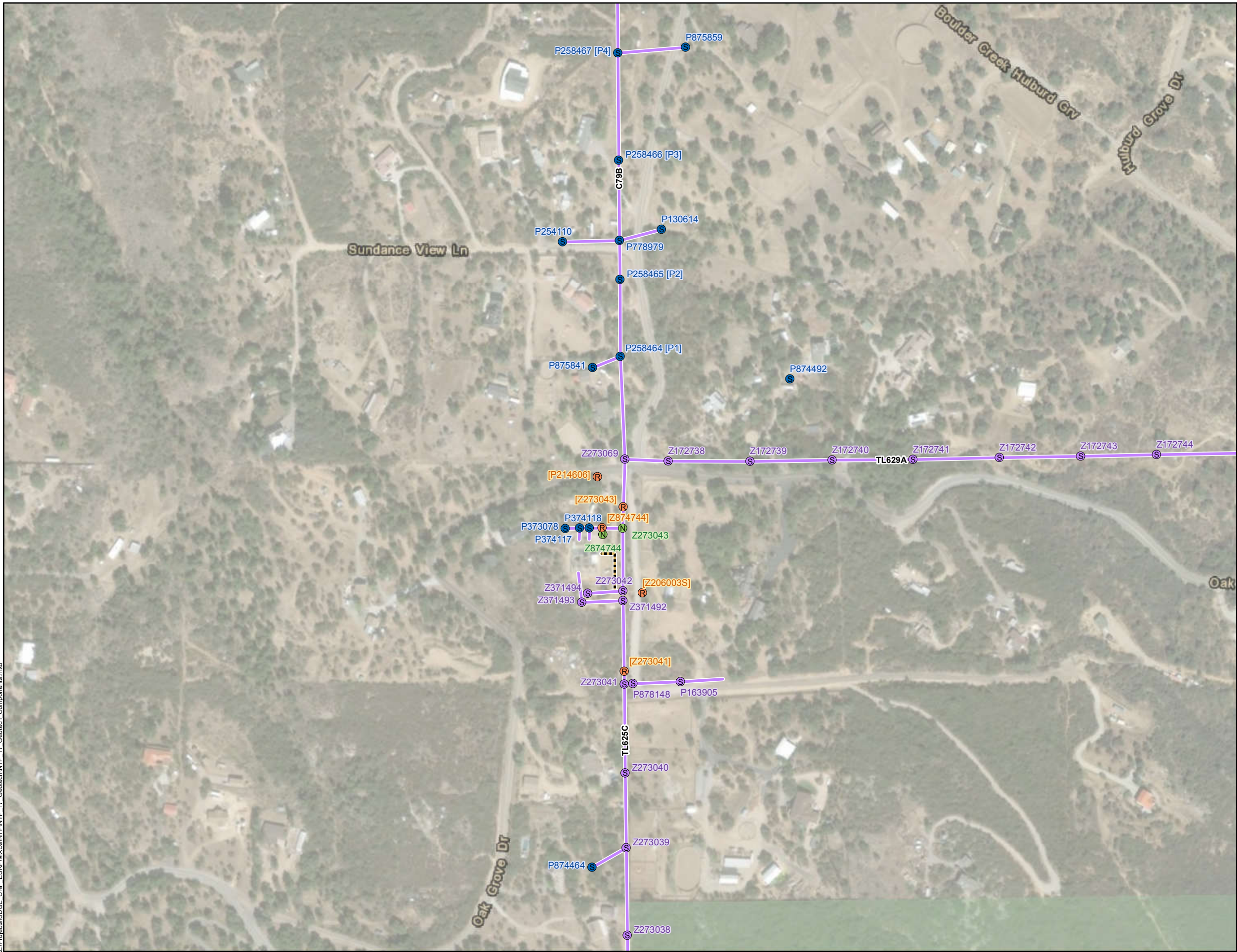
**Attachment A:
NTP #16 Components Map
TL625C Geotech Map 14 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

-  Boring
-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement 12 kV Only
-  Wood-to-Steel Replacement
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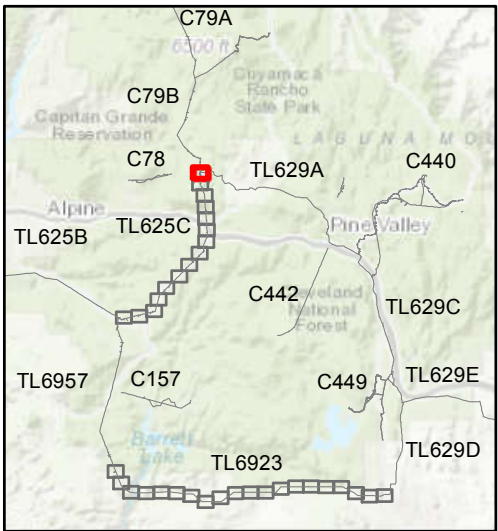


Attachment A:
NTP #16 Components Map
TL625C Geotech Map 15 of 35

Cleveland National Forest
Power Line Replacement Projects

-  New Steel Pole
-  Removal
-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement 12 kV Only
-  New Underground
-  Wood-to-Steel Replacement

 U.S. Forest Service



Sempra Energy utility



ENVIRONMENTAL



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**Attachment A:
NTP #16 Components Map
TL6923 Geotech Map 16 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

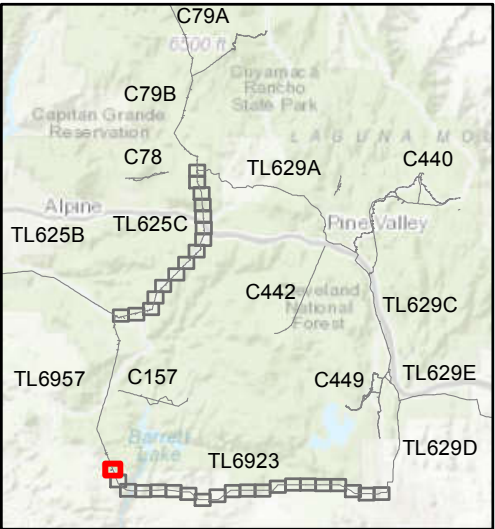
Wood-to-Steel Replacement

New Underground

Wood-to-Steel Replacement

U.S. Bureau of Land Management

U.S. Forest Service






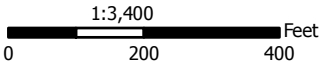
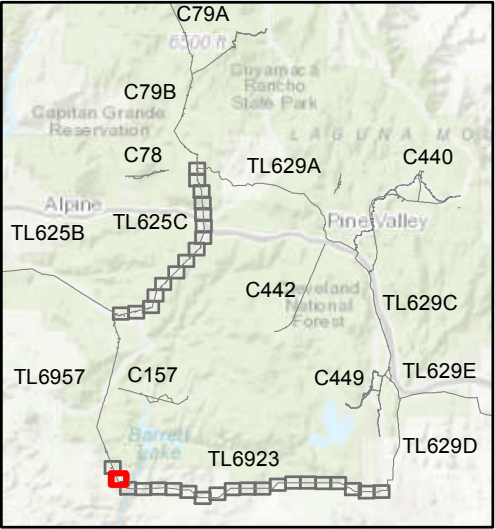
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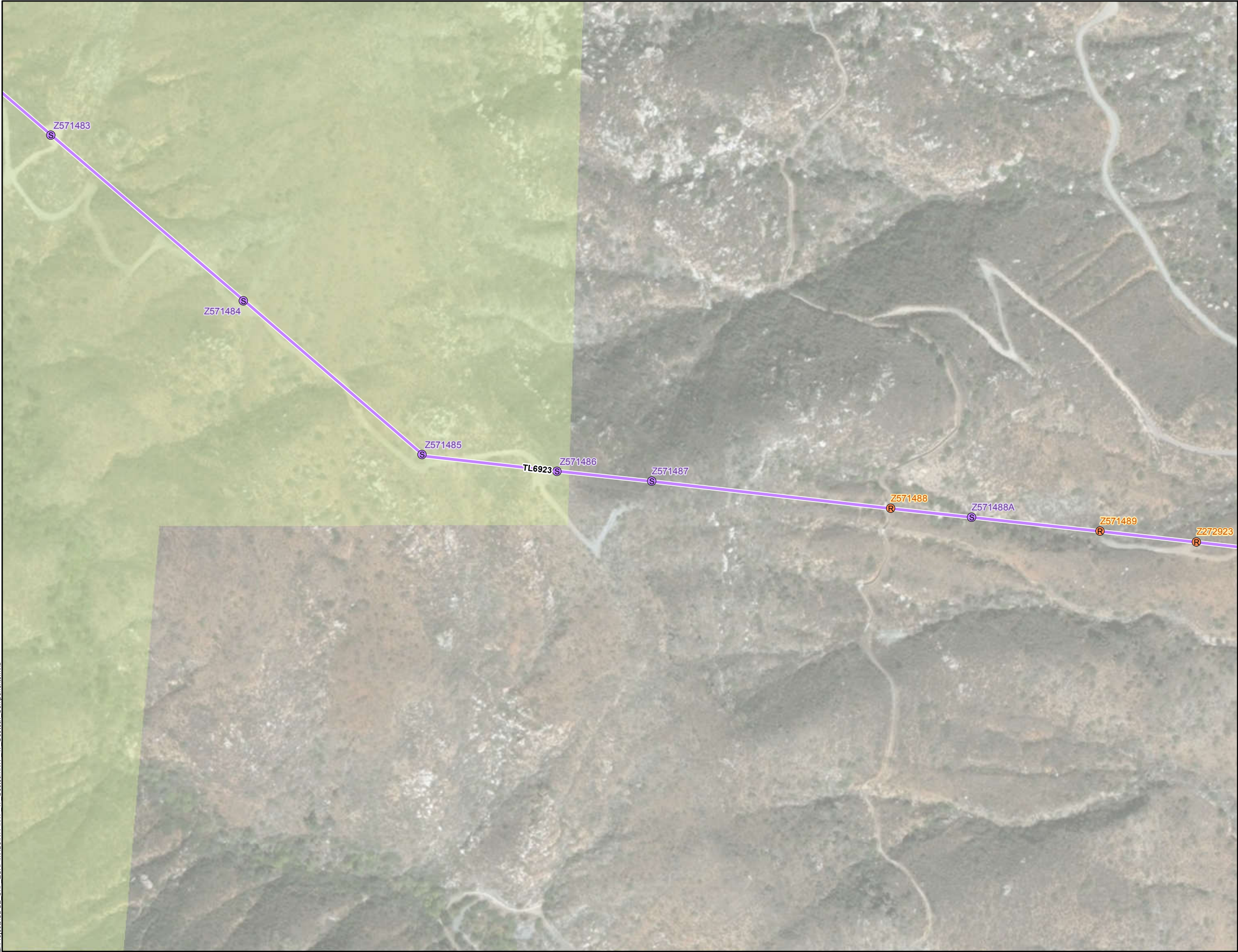
**Attachment A:
NTP #16 Components Map
TL6923 Geotech Map 17 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement
-  U.S. Bureau of Land Management







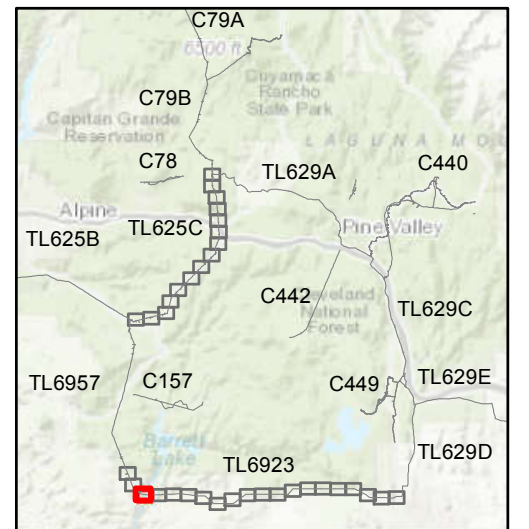
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**Attachment A:
NTP #16 Components Map
TL6923 Geotech Map 18 of 35**

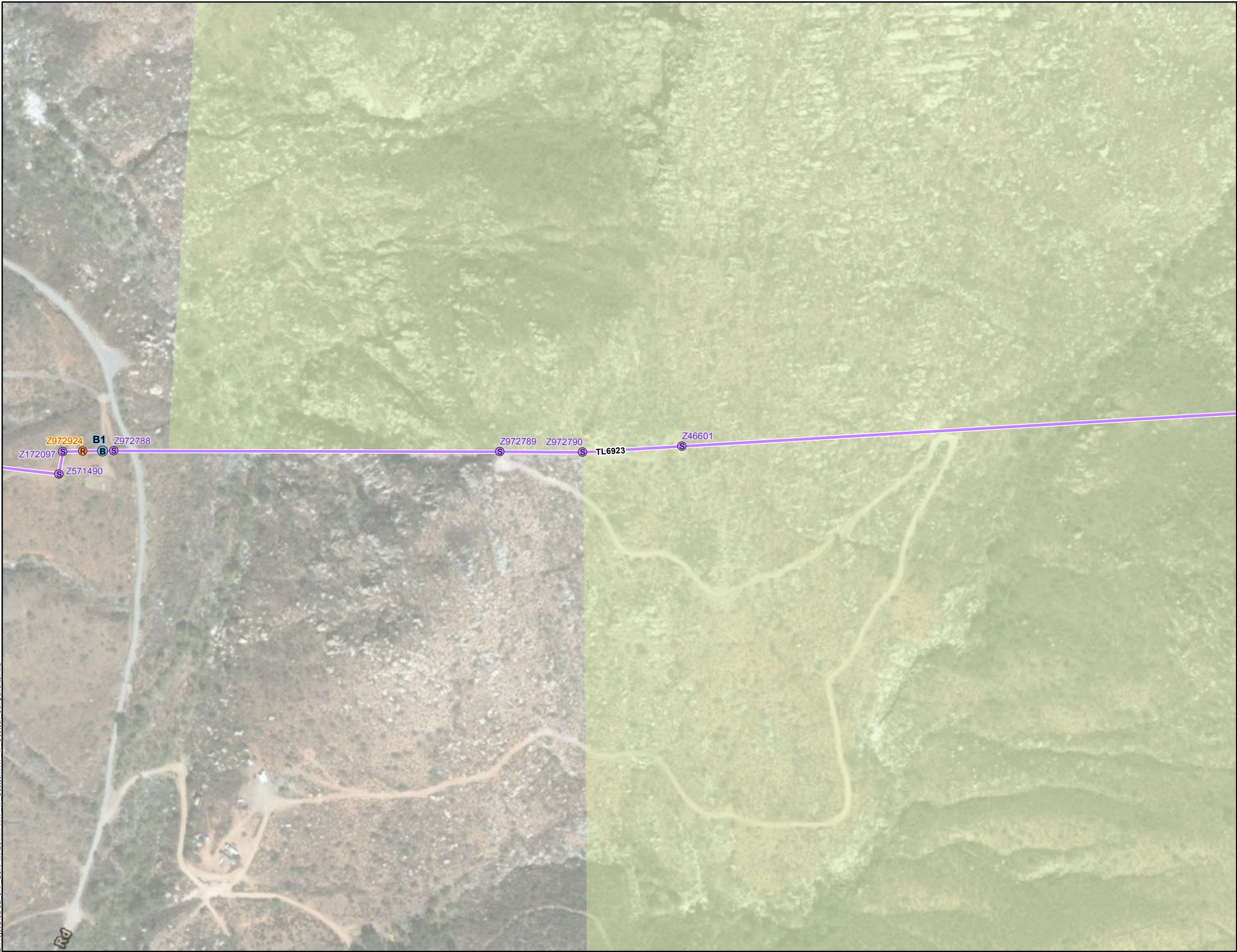
**Cleveland National Forest
Power Line Replacement Projects**

-  Removal
-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement
-  U.S. Bureau of Land Management








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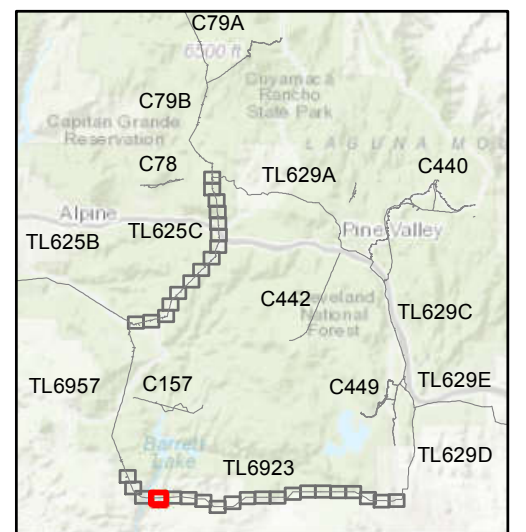
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**Attachment A:
NTP #16 Components Map
TL6923 Geotech Map 19 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

-  Boring
-  Removal
-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement
-  U.S. Bureau of Land Management






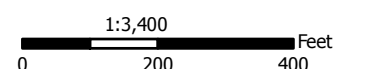
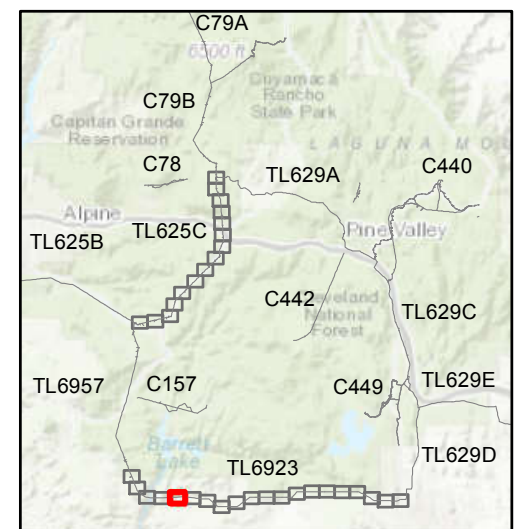
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**Attachment A:
NTP #16 Components Map
TL6923 Geotech Map 20 of 35**

**Cleveland National Forest
Power Line Replacement Projects**




-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement
-  U.S. Bureau of Land Management

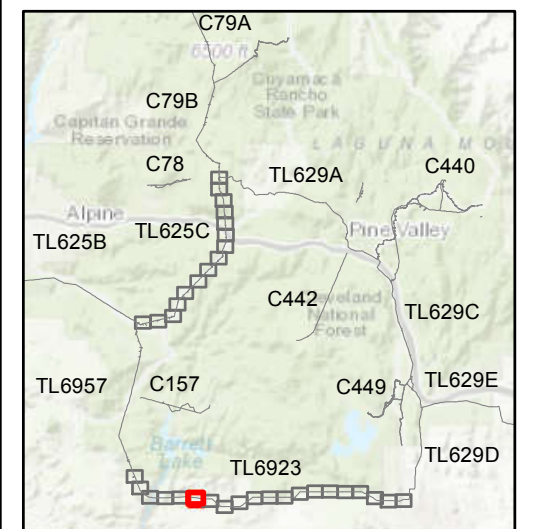
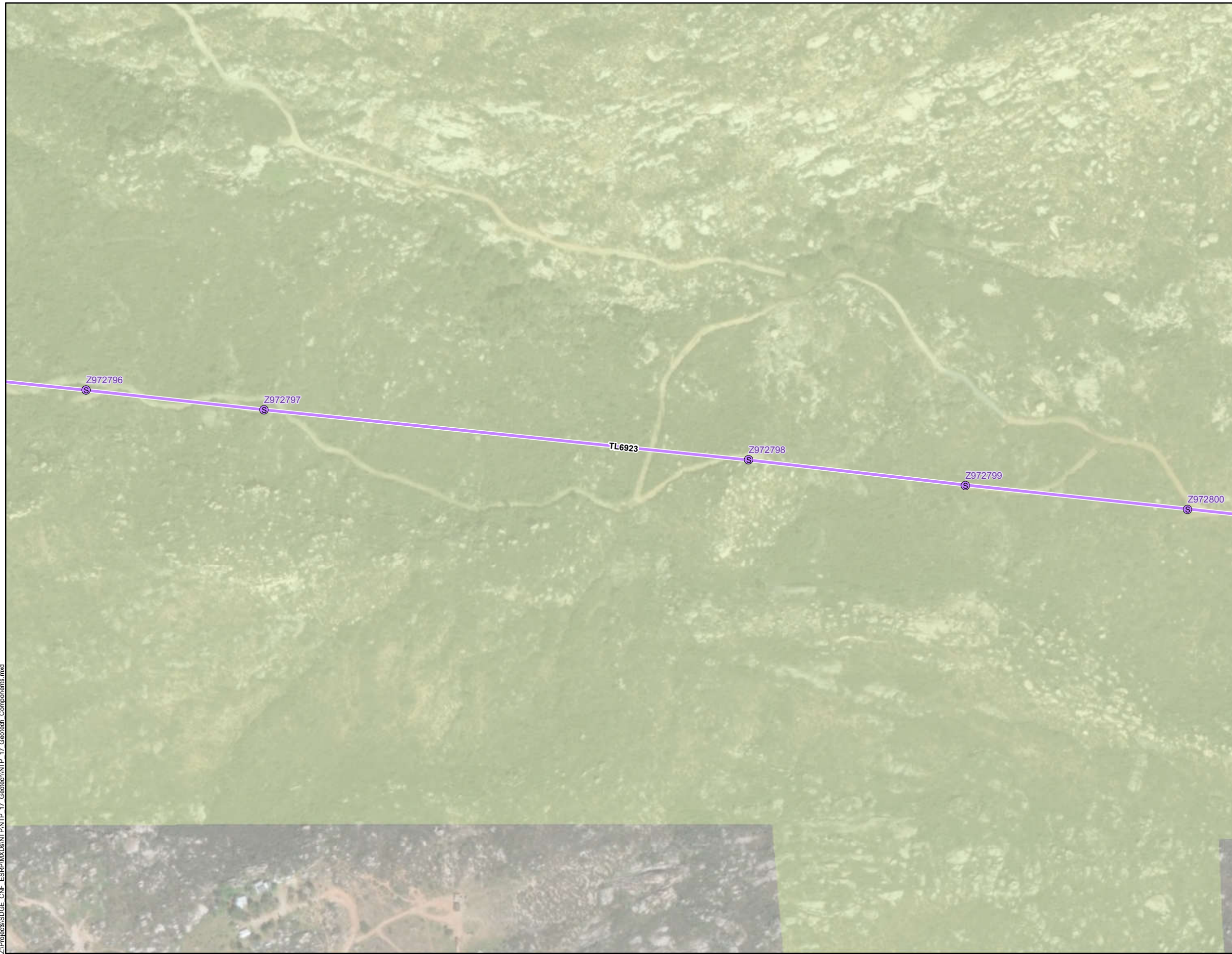


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**Attachment A:
NTP #16 Components Map
TL6923 Geotech Map 21 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement
-  U.S. Bureau of Land Management






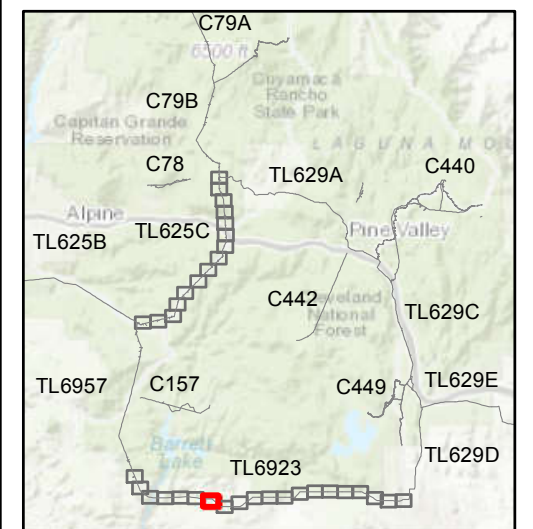
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**Attachment A:
NTP #16 Components Map
TL6923 Geotech Map 22 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement
-  U.S. Bureau of Land Management







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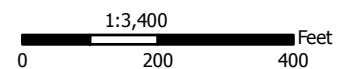
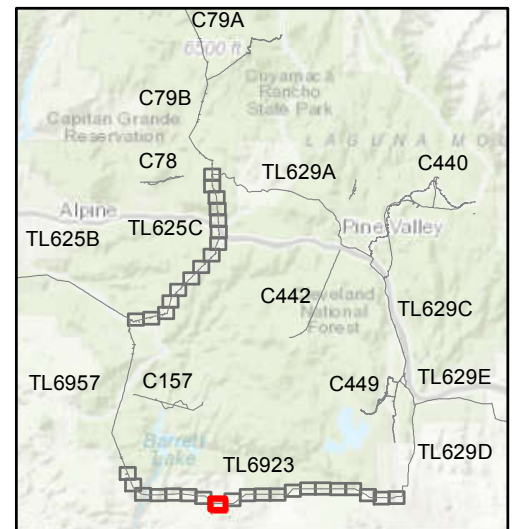
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**Attachment A:
NTP #16 Components Map
TL6923 Geotech Map 23 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

-  Boring
-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement
-  U.S. Bureau of Land Management







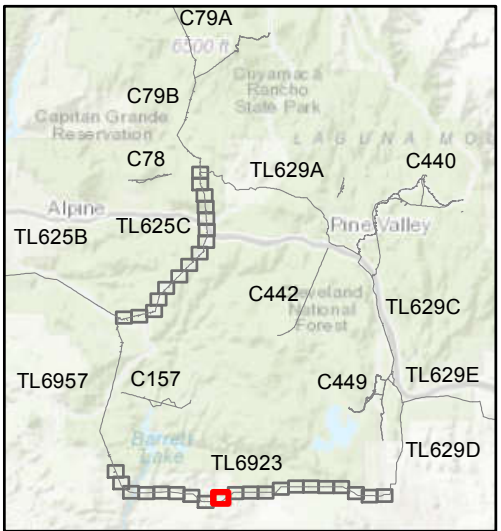
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**Attachment A:
NTP #16 Components Map
TL6923 Geotech Map 24 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

-  Boring
-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement
-  U.S. Bureau of Land Management







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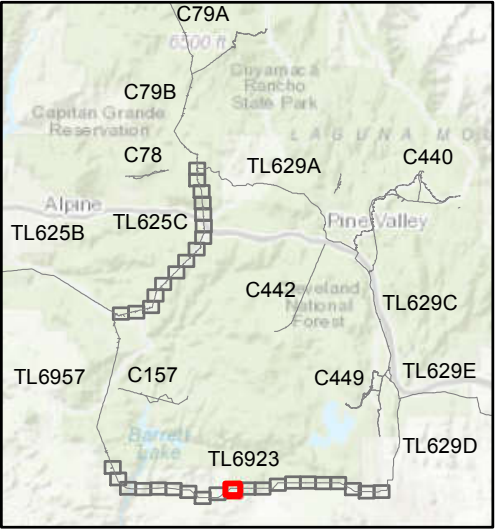
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**Attachment A:
NTP #16 Components Map
TL6923 Geotech Map 25 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement
-  U.S. Bureau of Land Management
-  U.S. Forest Service







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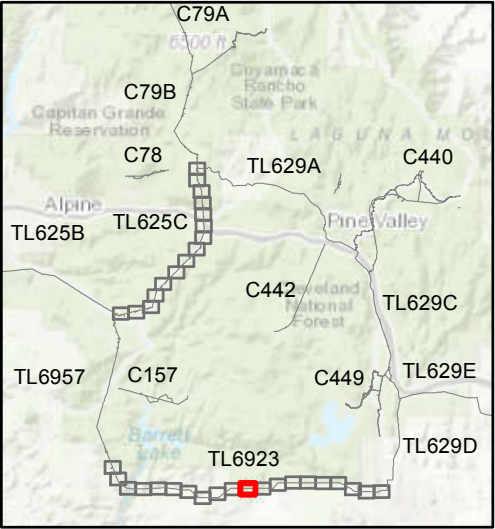
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**Attachment A:
NTP #16 Components Map
TL6923 Geotech Map 26 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement
-  U.S. Bureau of Land Management
-  U.S. Forest Service







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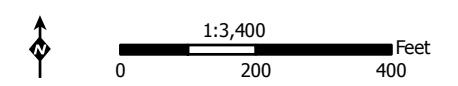
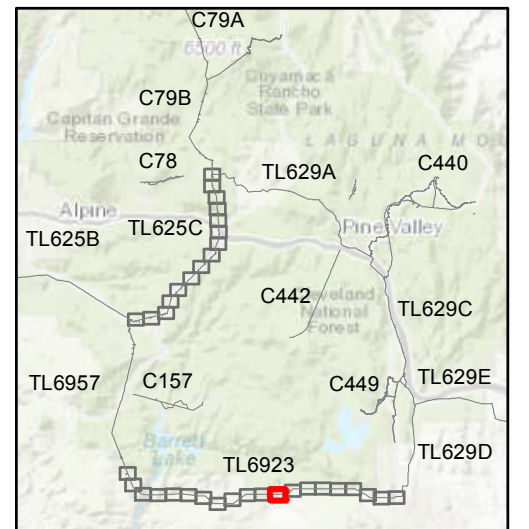
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**Attachment A:
NTP #16 Components Map
TL6923 Geotech Map 27 of 35**

**Cleveland National Forest
Power Line Replacement Projects**



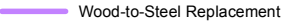


-  Boring
-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement
-  U.S. Forest Service

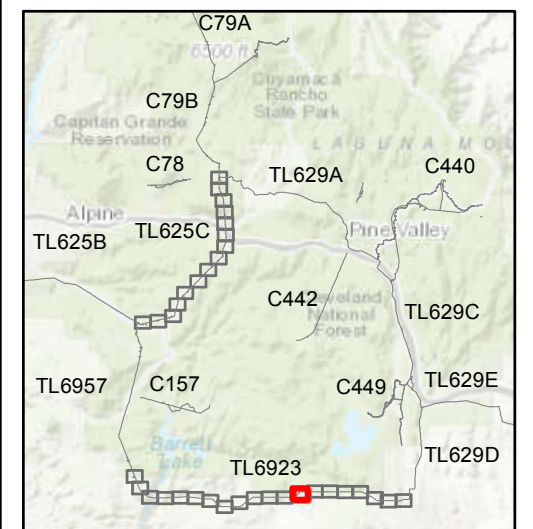
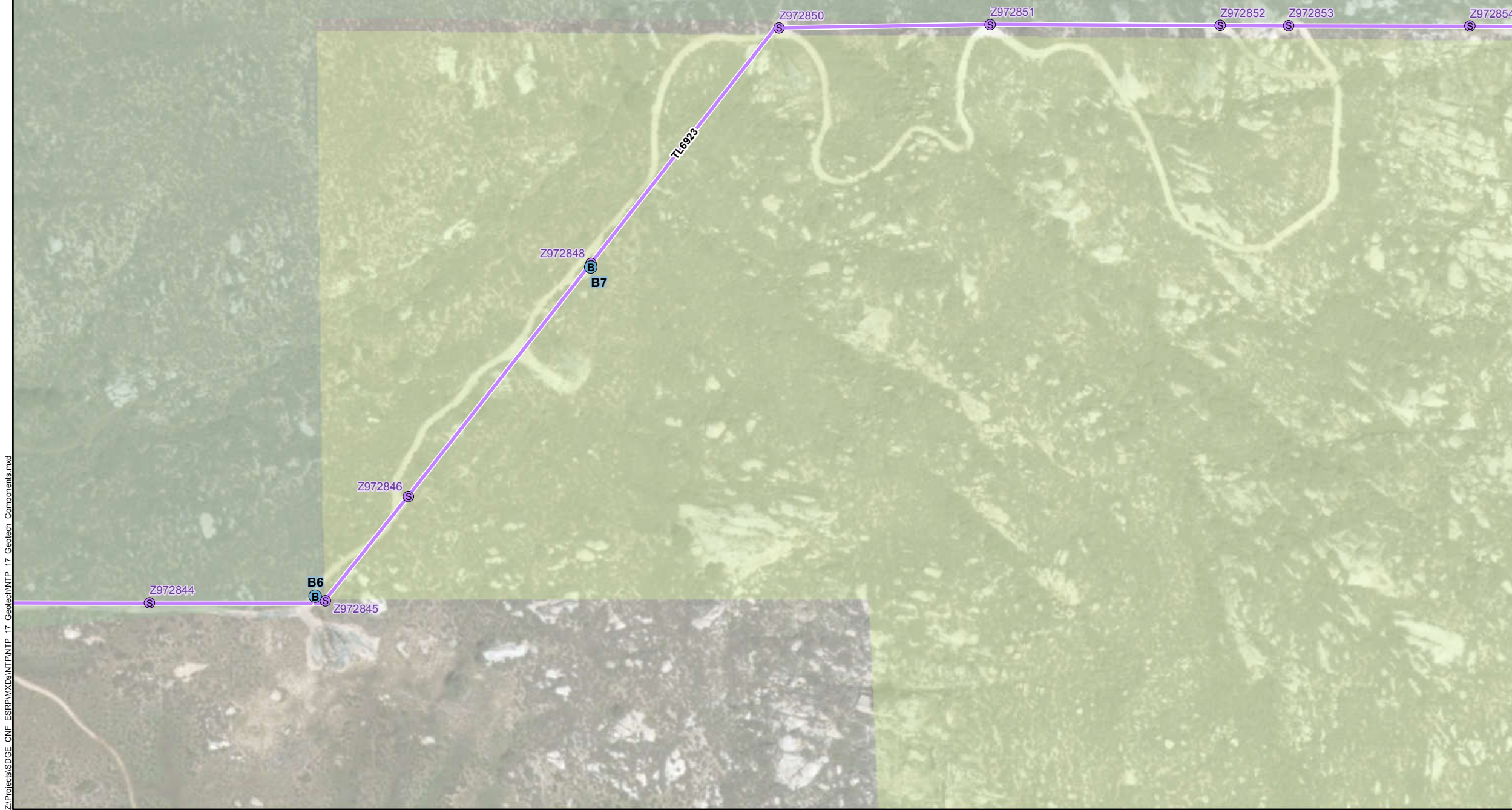


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**Attachment A:
NTP #16 Components Map
TL6923 Geotech Map 28 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

-  Boring
-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement
-  U.S. Bureau of Land Management
-  U.S. Forest Service







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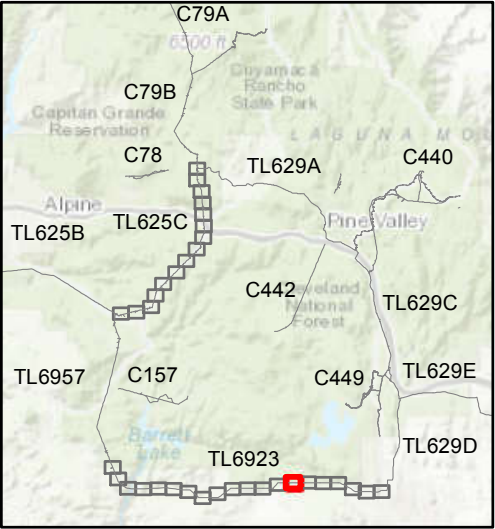
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**Attachment A:
NTP #16 Components Map
TL6923 Geotech Map 29 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement
-  U.S. Bureau of Land Management
-  U.S. Forest Service







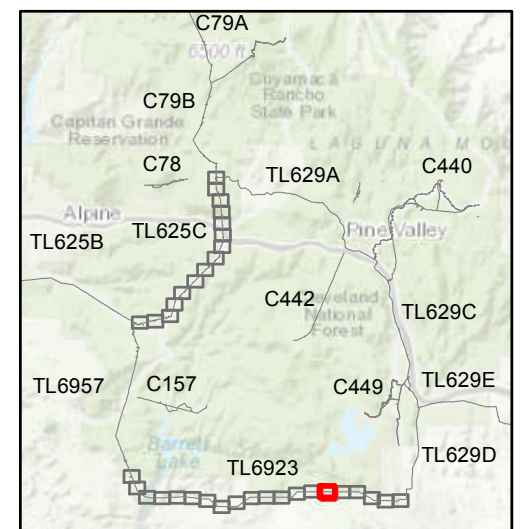
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**Attachment A:
NTP #16 Components Map
TL6923 Geotech Map 30 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement
-  U.S. Bureau of Land Management
-  U.S. Forest Service







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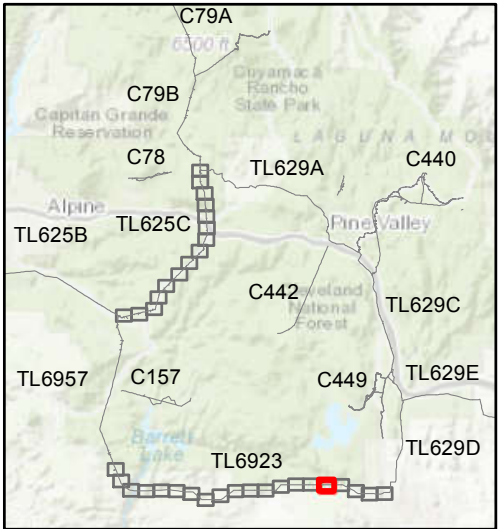
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**Attachment A:
NTP #16 Components Map
TL6923 Geotech Map 31 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement
-  U.S. Bureau of Land Management
-  U.S. Forest Service







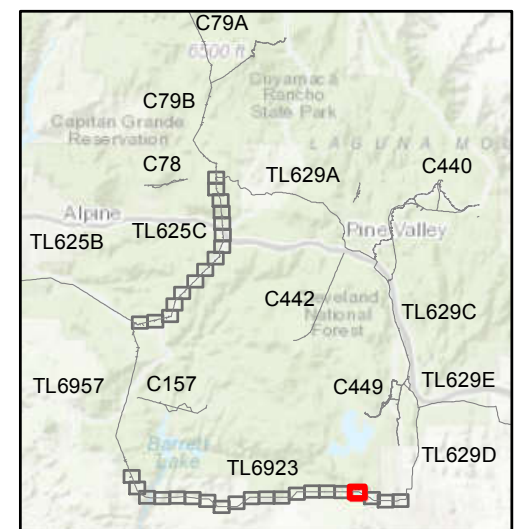
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**Attachment A:
NTP #16 Components Map
TL6923 Geotech Map 32 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement
-  U.S. Bureau of Land Management
-  U.S. Forest Service






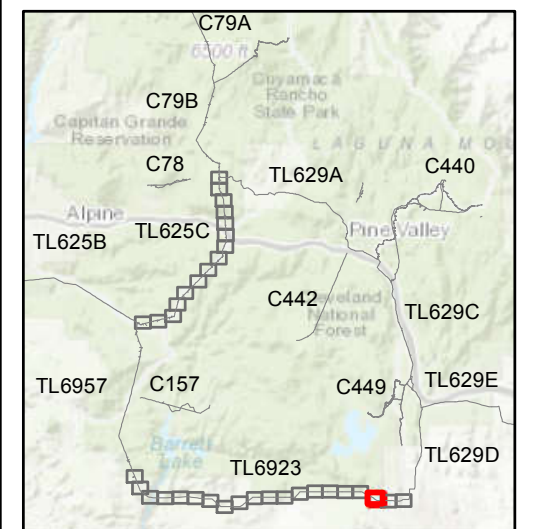
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**Attachment A:
NTP #16 Components Map
TL6923 Geotech Map 33 of 35**

**Cleveland National Forest
Power Line Replacement Projects**

-  Boring
-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement






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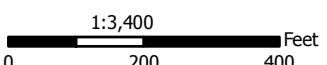
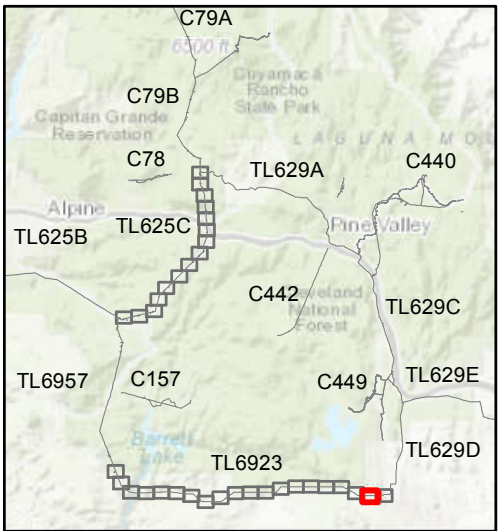
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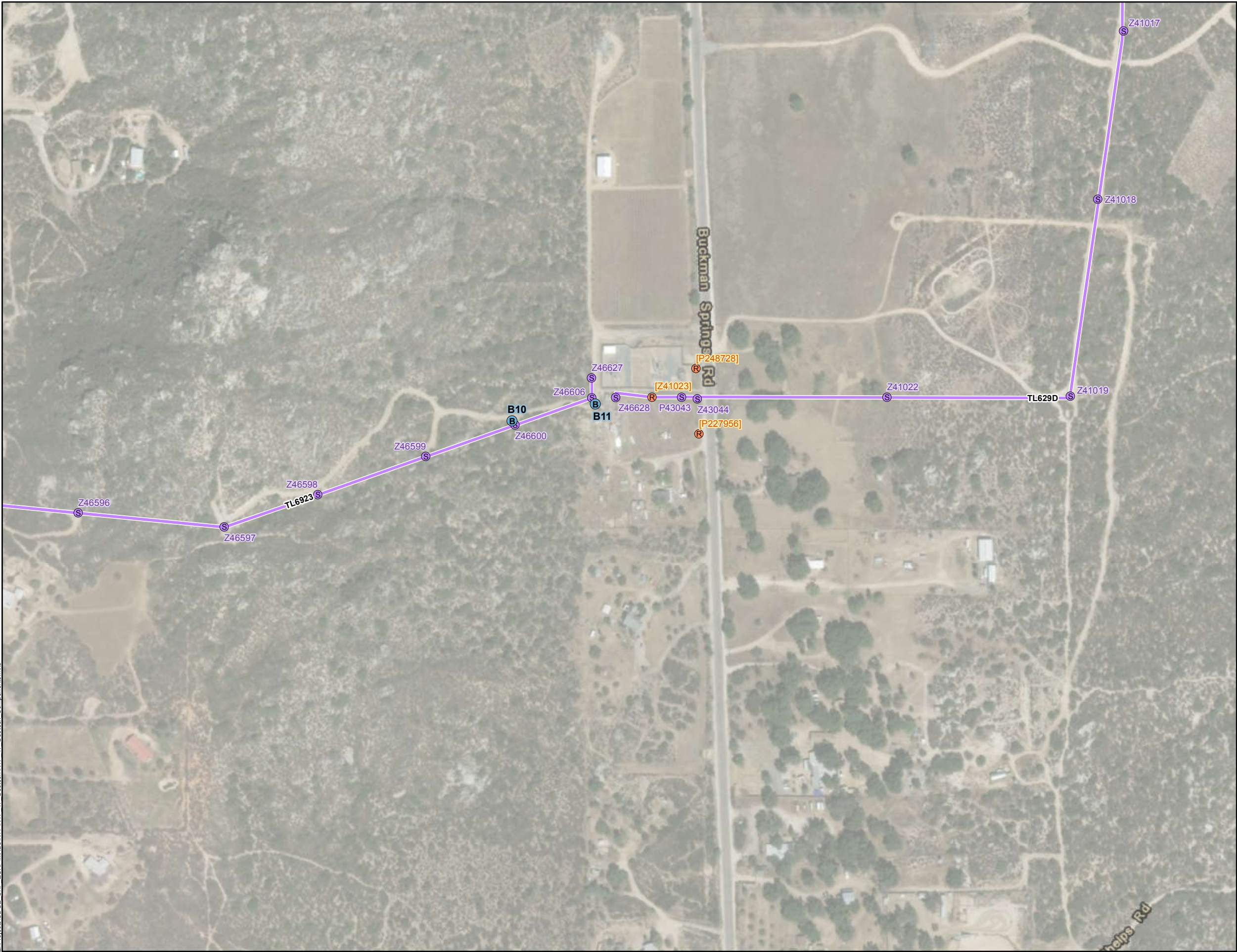
Attachment A:
NTP #16 Components Map
TL6923 Geotech Map 34 of 35

Cleveland National Forest
Power Line Replacement Projects

-  Boring
-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement




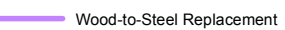


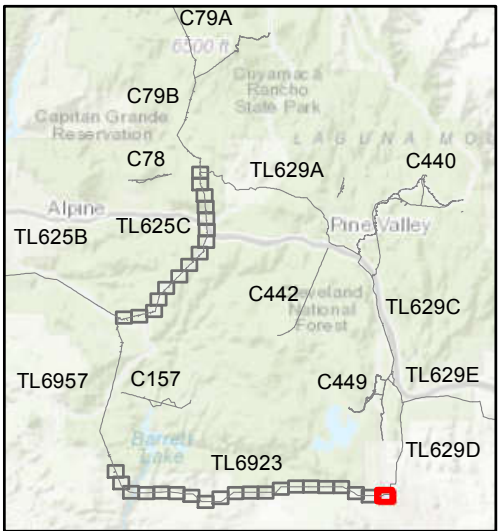
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Attachment A:
NTP #16 Components Map
TL6923 Geotech Map 35 of 35

Cleveland National Forest
Power Line Replacement Projects

-  Boring
-  Removal
-  Wood-to-Steel Replacement
-  Wood-to-Steel Replacement



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