



POLE ATTACHMENT SERVICES QUARTERLY WORKSHOP

PRESENTED BY:
Pole Attachment Services Dept.

05 MAR 2026



AGENDA

- Safety
- General Topics
- Standards Requirements
- Applications
- Designer Responsibilities
- LiDAR
- Pole Attachment Inventory
- Announcements

Spring Cleaning Checklist

With the changing of seasons comes a change in home maintenance. Spring cleaning is a common tradition for many people, but what about a little pre-spring cleaning? Here's what you need to check on and fix around the house before spring is fully here.

Fire Safety

- Test smoke detectors and replace batteries if needed.
- It's important to have a fire extinguisher in the house. Now's the time to test it and check the expiration date on it.

Gutters and Roof

- Check for any damage from ice or snow.
- Remove any sticks, leaves or debris that built up over the winter, both from the roof AND from the gutters.
- Additionally, winds may have torn off some shingles that will need to be replaced.

Windows and Doors

- Inspect your windows for signs of leaks and install or replace weather-stripping along the bottoms of the windows where air can leak inside. This will help out with your AC bill in the warmer months.
- Clean any screens you have and make sure you don't have any holes.
- Make sure to close your curtains during the warmer days, and leave them open on cool days to maximize the efficiency of your AC unit.

Landscaping

- If you have a sprinkler system, check for leaky valves, exposed lines or broken sprinkler heads.
- Check your outside hose faucets for any freeze damage or pipe issues.
- Check outdoor lighting to make sure all sensors are still working and bulbs don't need to be replaced.

HVAC Unit

- Service your AC unit by cleaning coils and changing the interior filters.
- Clear debris, leaves and branches off of your unit.

Did You Know?

You can reduce air conditioning energy use by 20-50% by switching to high-efficiency air conditioners and taking other actions to lower your home cooling costs.*

Energy-Saving Tip: The quickest way to save energy on home cooling is to regularly clean and replace your cooling unit's filters.

*Department of Energy.

20-50%



GENERAL TOPICS

DEPARTMENT EMAILS

- PAS Team
 - wsmeathers@cpsenergy.com
 - jvortega@cpsenergy.com
 - ralanis@cpsenergy.com
 - vramirez@cpsenergy.com
- General Questions
 - poleattach@cpsenergy.com
- Pole Applications Mailbox
 - poleapplications@cpsenergy.com
- Bandit Signs
 - banditsigns@cpsenergy.com



Bandit Signs

- Upcoming Meetings/Workshop
- Previous Presentations
- Pole Attachment Standards
- Rate Calculations
- Agreements
- Approved Contractors
- Forms

Pole Attachment Services

CPS Energy Pole Attachment Program

CPS Energy's distribution system can facilitate the delivery of the variety of communication services offered today.

With a streamlined pole attachment process, we're dedicated to partnering with companies to assist with speed-to-market processes for future technologies.

CPS Energy's Pole Attachment Services Office is the single point of contact for all who wish to attach infrastructure to our distribution poles.

The Pole Attachment Services Office is responsible for:

- Registration
- Attachment agreements
- Applications for new pole attachments or removals
- Surveys of existing attachments
- Billing and collections for all the above services

For questions or more information on the pole attachment process, [SEND US AN EMAIL](#).

CPS Energy has released the revised Pole Attachment Standards Version 6.0 (the "Standards") and the Joint Trench Agreement Friday, August 12, 2022, which include the integration of more detailed procedures for the underground relocation projects. CPS Energy continues to work with stakeholders to ensure the adoption of best practices in the Standards to further streamline our processes and operations for the benefit of all attaching entities. Thank you for your consideration and patience.

Subscribe to receive email updates:

If you would like to receive emails regarding CPS Energy's Pole Attachment Program, please click on the button below to register your contact information.

[Register Contact Info Here](#)



Upcoming Meetings/Workshops

- Quarterly Pole Attachment Workshop: March 5, 2026
- Quarterly Pole Attachment Workshop: June 4, 2026
- Quarterly Pole Attachment Workshop: Sept 3, 2025
- Quarterly Pole Attachment Workshop: Dec 3, 2026

Previous Meetings/Workshops

Pole Attachment Standards

- ▶ [Pole Attachment Standards - V6.0 - Effective August 12 2022](#)
- ▶ [Pole Attachment Standards - V5 - Effective January 8 2021](#)
- ▶ [Pole Attachment Standards - V4 - Effective Apr 1 2019](#)
- ▶ [CPS Energy FCC Rate Calculation Support Jan 2025](#)
- ▶ [CPS Energy FCC Rate Calculation Support Jan 2024](#)

Helpful Links

- ▶ [Certificate of Authority \(City of San Antonio\)](#)
- ▶ [NJUNS](#)
- ▶ [Approved Contractors](#)
- ▶ [Exhibit A - Compensation Schedule](#)

Special software is required to open PLA Client File links.

APPROVED CONTRACTORS



Approved Pole Attachment Contractors



Engineering
ADB ★★★
Aeparmia ★
Atwell ★★★
Binkley & Barfield ★★★
Black & McDonald ★★★
Cobb Fendley ★★★
Concordia Wireless ★★★
Millenium/DeBauche ★
ENTRUST ★★★
Half ★★★★★
LJA Telecom ★★★
Merrick & Company ★★★
Mountain, LTD. ★★★
Orbital Engineering ★
Quanta Utility Eng. Services ★★★★★
SEG Engineering ★★★
TDC2, LLC ★
TechServ ★★★
Telecom Staffing, LLC ★★★
TexasPro Engineering ★★★
TOP Engineers + ★★★
Tower Engineering Prof., Inc. ★★★
TRC, Inc. ★★★

Electrical Distribution Construction
Chain Electric
Pike Electric
Greenstone
Source Power

One-Touch Transfer Construction
BComm Constructors, LLC
Ervin Cable Construction, LLC
Quest Utility Construction, Inc.
S&S Cable Communications
Tero Technologies Inc.
TEXSTAR Enterprises, Inc.
TX Superior Communications, LLC
JC Communications
ADB Companies
A2 Total Telecom Services LLC
B Robinson Inc.
CJ Hood Communications
US Aerial
HMI Utilities
Global Optics

Vegetation Management
Asplundh Tree Expert
Davey Tree Surgery
McCoy Tree Surgery

★ Option 1: Pole Loading Analysis (PLA) & Application submittal

★★ Option 2: Make ready engineering

★★★ Option 3: Pole Loading Analysis (PLA), Application submittal & Make ready engineering

- The PAS team periodically identifies firms that have not submitted applications & then will remove them from the Approved Engineering Firms list
- It takes 90 days for individual credentials to expire
 - The firms removed had been inactive for much longer
- Firms will need to re-apply to become approved, going through the entire approval process as if it were the first time

PAS GIS TRAINING CLASSES

- Future Trainings – Please submit the name & company to get on the list for the next available training (TBD)
 - Date: 04/06/2026
 - Class is @ capacity, continue to submit for future training sessions
 - Duration: 5 days Mon – Fri
 - Location: Virtual
- For more information, please email poleattach@cpsenergy.com
- The maximum class size is 6 & the minimum is 3
- **You will receive a set-up walkthrough from the GIS team that needs to be completed prior to the course starting**

- GIS training **DOES NOT** cover:
 - Pole Attachment Standards
 - Distribution Standards and Specifications
 - Pole Attachment Process
 - **Replace Design Training**
- GIS Training **DOES** cover basic GIS design training to submit EMR designs which include:
 - Transformers, Streetlights Etc.
 - Pole change outs (PCO)
 - Setting mid-span poles

CPS Energy led GIS training isn't a replacement for design training

PAS GIS TRAINING CLASSES

POLE APPLICATION PROCESS

Engineering Firms should:

- Make sure that all new &/or replacement employees as well as contractors are trained on:
 - Pole Attachment Standards & pole attachment process
 - Electrical make ready designs to streamline the rejections
- Continue to train their employees on the importance of communication regarding worker safety zones & applicable clearances

It's the engineering contractor's responsibility to learn how to fill out the application & understand CPS Energy standards

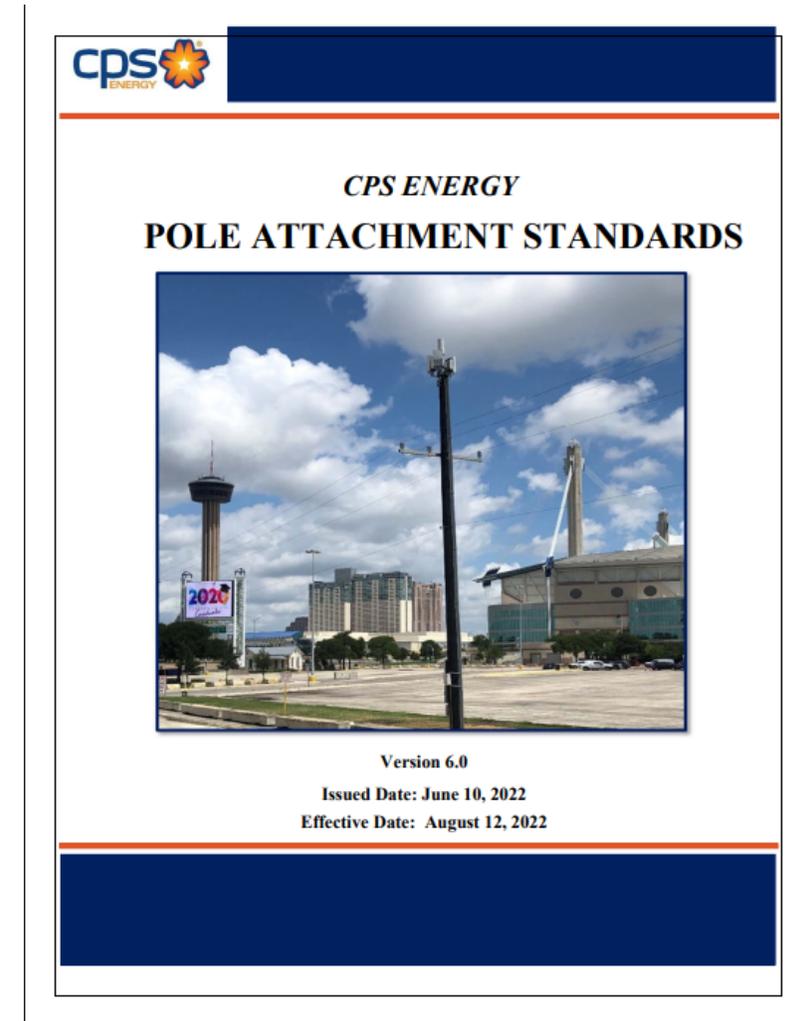


POLE ATTACHMENT STANDARDS

POLE ATTACHMENT STANDARDS

VERSION 7.0

- CPS Energy is actively drafting revisions to the Pole Attachment Standards
- Targeting two separate releases:
 - Version 6.1
 - Version 7.0
- In September, we discussed the 5th Report and Order as well as the 4th FNPRM
 - Topics included: timeframes to attach, deadlines to pay make ready invoices, OTMR for complex work, contractor onboarding, advance notice & meet-and-confer requirements, application & make ready timeframes



Pole Attachment Standards Version 6.0

CIVIC PROJECTS

RELOCATIONS

- CPS Energy will not require an Attaching Entity that elects to transfer its existing facilities without Modification to replacement Poles or Streetlight Poles to submit a new permit Application as part of such transfer.
- If the Attaching Entity elects to make a Modification to its existing facilities as part of the transfer process, the Attaching Entity shall submit a new Application and shall also pay the proportionate share of the increased costs, if any, of the replacement Pole or Streetlight Pole attributable to such Modification.

NESC RULE 238F2A

- 40" vertical separation is required from the lowest portion of an antenna in the power space to the top communication line
- To meet CPS Energy specifications for reclosure/AMI devices, there should be a minimum of 65" separation from the top communication line to the neutral



- If it is found that an Attaching Entity has made an Attachment, Wireless Installation, or Banner Attachment without a Permit, the Attaching Entity shall pay an Unauthorized Attachment Charge, Unauthorized Wireless Installation Charge, or Unauthorized Banner Attachment Charge as specified in Appendix H, in addition to applicable Attachment Connection Fees, Application Fees, and Make-Ready Charges, if any.

- **Platforms:**
Communication Facilities/Attachments must dip underground one Pole before and one Pole after on all CPS Energy Platforms for step-down and voltage regulator banks



SAFETY VIOLATIONS

NOTICE AND CORRECTION

- If CPS Energy determines that one or more of an Attachments, or any part thereof, are installed, used, or maintained in such a manner as to create one or more Safety Violations; CPS Energy shall promptly notify the Attaching Entity
- Attaching Entity shall correct the Safety Violation(s) as soon as possible, but no later than five (5) calendar days from CPS Energy's issuance of such notice.



SAFETY VIOLATIONS

FAILURE TO CORRECT

- CPS Energy may correct said conditions.
- Should CPS Energy determine the Safety Violation poses an Emergency, interferes with the performance of CPS Energy's service obligations, or poses an immediate threat to the physical integrity of CPS Energy Facilities; CPS Energy may perform such work and/or take such action as it deems necessary without first giving written notice to the Attaching Entity.



SAFETY VIOLATIONS

FAILURE TO CORRECT

- Pursuant to Section II.K.3.a, CPS Energy will impose a ten percent (10%) surcharge on its costs of conducting any work to correct or remedy a Safety Violation.
- Following the correction of the Safety Violation(s), CPS Energy shall issue a Notice of a Safety Violation Assessment Charge, the form of which is in Appendix B, to the Attaching Entity, as provided in Appendix H for each Safety Violation(s) noted.



TEMPORARY ATTACHMENTS

- Advance Payment. CPS Energy shall invoice Attaching Entity based on the estimated cost of such work. Pursuant to Sections II.1.3, CPS Energy shall require payment in advance for any Make-Ready Electrical Construction, to be performed by CPS Energy or its contractors.
- In the event that CPS Energy is unable to complete the Make-Ready Electrical Construction within the sixty (60) calendar day period, an Attaching Entity may request in writing to CPS Energy the use of temporary Attachments by submitting a Request for Temporary Attachment form, a copy of which is available at www.cpsenergy.com/poleattachments and located in Appendix B.

POLE ATTACHMENT WAIVER FORM



- An attaching entity may request a waiver of specific items of the Applicable Engineering Standards by submitting a properly completed CPS Energy Request for Waiver of Applicable Engineering Standards form

 Request for Waiver of Applicable Engineering Standards

Submit form to poleapplications@cpsenergy.com Subject Line: Request for Waiver

Attaching Entity		Application Number	
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Requestor	
Name	
E-mail Address	
Company	
Phone Number	
Cell Number	

Pole Attachment Standards Section Requested to be Waived <small>(Identify Section(s) by title/name proposed for waiver)</small>	
Description of Waiver Request <small>(A brief description of the specific waiver requested)</small>	

Business Case	
<small>(Include brief Business Case justification for the proposed waiver)</small>	
Safety	•
Reliability	•
Customer Service	•
Other	•

For CPS Energy Only	
Determination of Waiver	
By	
Printed Name	
Title	
Date	



APPLICATION REQUIREMENTS

APPLICATION SUBMITTALS

- Submitting firms need to coordinate with their EMR WR Design teams during the entire Permit Application Review Process
 - Reviewing firms identified multiple instances where the Permitting teams were not coordinating with their EMR Design teams which created confusion & issues
- Modifications to the standard CPS Energy Pole Attachment Permit Application template makes it difficult for reviewing firms to process the application
- The Standard CPS Energy Pole Attachment Application template can be found in the CPS Pole Attachment Services website

- Application missing required information
 - CPS Energy Pole number (PL#) missing on application
 - Make ready not called for on the application
 - Missing required attachments at submittal of application
- Mistakes on Pole Loading Analysis
 - **All existing violations on pole are not fixed or creates a new violation**
 - Incorrect construction grades
 - Missing cables on pole
 - Incorrect cable tensions
 - Mid-span clearance issues
- The application review shot clock will reset with every application rejection
- Contractors should NOT change the attaching entities application name on rejections, only a REV designation should be added to the end of the application name
 - Example – Tag Number-Year-Application *Number_REV#

*Needs to be a new revision number, otherwise it causes billing issues

NEUTRAL RE-SAG

- "Re-sag neutral 0'11" to maintain 22'0" at midspan to PL#####"
- The approved engineer should be validating that the make ready is valid.
- The Attaching Entity's Engineer shall adhere to all Applicable Engineering Standards and requirements of CPS Energy. Failure to comply with such standards and requirements may result in CPS Energy retracting its approval of the Engineer.



POLE INFORMATION

CLASS SIZES

- CPS Energy has modified its construction practices; only class 2 poles and above will be utilized
- Exceptions may be granted for clearance poles for electric service
- In flight work requests before T-5100 approval will need to have pole sizes modified

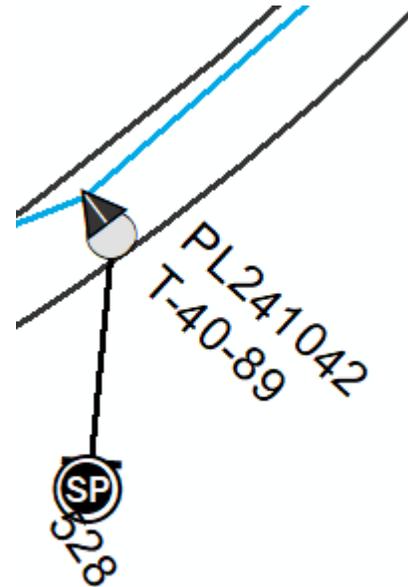


Replaced Pole

POLE INFORMATION

AT&T OWNED POLES

- **CPS Energy will no longer replace AT&T owned poles**
- It is the approved engineering firm's responsibility to check for ownership prior to submitting applications & designing electrical make ready



T-Pole Annotation

XCoord NAD	17764
YCoord NAD	59834
OWNER	AT&T
CUSTOMER	<Null>
Label Text	T-40-89

Owner Field in GIS

APPLICATION TIMELINE

"QUICK FIXES"

- The 21 days 'Pause' when applications are sent back for corrections (commonly called quick fixes)
- The timeline 'Resumes' when the review firm receives the quick fix back
 - Subsequent pauses for additional quick fixes
- Applicants shall receive a consolidated review for the total application (application form, PLA, EMR, etc.)

Applications in which the design needs to be fundamentally changed (e.g. additional pole replacements) are handled as rejections.

APPLICATION TIMEFRAMES

POST CONSTRUCTION

- Attachers must inform CPS Energy/Contractors when attachment construction is completed
 - Notice is required for application closeout
 - Final permit will not be received until passing post construction inspection
- Failure to attach
 - **Attacher must install within 90 days of receiving the notice to proceed**
 - If no communication is received regarding a request for a 30-day extension, the post construction inspection will take place
 - Failure to install within the original 90 days or the additionally granted 30-day extension will result in expiration of the application
 - Attaching Entity will be required to submit a new application

- The Attaching Entity shall have fifteen (15) calendar days following the issuance of the CPS Energy invoice for Make-Ready Work to approve the estimate and provide payment. Failure of the Attaching Entity to respond to CPS Energy or return the CPS Energy invoice for Make-Ready Work within the fifteen (15) calendar day period will result in the Application being cancelled by CPS Energy, with all applicable Application Fees being non-refundable.



DESIGNER RESPONSIBILITIES

- CPS Energy is running weekly reports for work requests in As-Built Status
 1. Responsible designer shall review documents attached at task 16500 for As-Builts
 2. After entering and completing the as-builts, send revision for as-built verification through GIS
 3. In ARM, at Task 17000, add supervisor initials CZ, CSTE, or PBT1
 - "Completed on 03/07/2024 submitted to Entrust/TRC by SWAY"
- If the applicable designer has left the approved engineering firm's company, it is that engineering firm's responsibility to submit
- Supervisor that completes as-built verification shall notify designer that work request is closed

DESIGNER RESPONSIBILITY

- **The Designer is the owner of the Work Order & GIS from the creation through the As-Builts**
- Make sure that the designer's initials are indicated under Work Request Owner to ensure delivery of emails as tasks are completed

Work Request Detail

General

*WR No		*WR Status	DESFN
Contact Name		Contact Phone	(999) 999 - 9999 x 99999
*WR Type	PALMR 	*Classification	CAPITAL
*Address		Directional Address	
*Priority	C3	*Requested Completion Date	02/29/2024 
Customer Ready Date	01/18/2024 	Earliest Appointment Start	MM/DD/YYYY HH:MM 
Description		Latest Appointment	MM/DD/YYYY HH:MM 
*Local District	OHN 	WR Owner Name	MR9  ROBERTO MONSIV. 

- **EMR WR designer needs to coordinate with their internal Permitting Teams during the entire Permit Application Review Process**
 - Designers must verify if there are any overlapping WR Polygons in GIS during the design process prior to submitting the Application Package for review
 - If there are multiple WR Polygons in GIS, designer needs to coordinate with the other designer
 - Work Manager tasks need to have the appropriate Responsible Person once Work Order has been created
 - EMR WR's need to be pushed through scheduling & construction in a timely manner once they are approved

WORK MANAGER PROCESS

MAJOR TASKS

Attached Files

Remerge	Update	Refresh Date	Attachment File Name*	Description
		Nov 13, 2023	COSA_188645_20230831_extended.pdf	COSA PERMIT
		Oct 24, 2023	COSA_188645_20230831.pdf	COSA PERMIT
		Oct 24, 2023	WR#40761043 FINAL FOR CONSTRUCTION_PE Sealed.pdf	FINAL FOR CO
		Oct 06, 2023	40761043_2_202310061439_10-06-2023(14_39_35).pdf	DNU
		Jul 21, 2023	40761043_2_202307210822_7-21-2023(08_32_28).pdf	DNU

Total items: 22

Attachments for Work Request

*These are not the only attachments that would need to be attached; This is not a comprehensive list

- 2460 for:
 - Entrust- Chris Eisenhour (ECA)
 - TRC- Steven Chavez Martinez (CSTE)
 - HBK- Brandon Perez (PBT1)
- Permit Attachments expected at task 2360*
 - Design for Review (preliminary)
 - Design for Construction (final)
 - Dig Tess (number should also be on the design)
 - Gas Maps
 - SAWS/Water Maps
 - CPS Energy Environmental forms/approvals (design notes should be in red)
- Permit attachments expected before 5000 approval
 - TXDOT approval
 - City/County approval

DESIGNER RESPONSIBILITY

- If all answers are "NO", then an environmental review is not required.
- If all answers are "NO" and project includes soil disturbances, an Environmental Permits, Issues and Concerns (EPIC) sheet is still needed for construction crews. CPSE WR# is required.
- If all answers are "NO" and project does not include soil disturbances, and EPIC sheet is not needed. **"No Environmental Impact, No EPIC Sheet"**

Environmental Permits, Issues and Concerns (EPIC) Sheet Comply with yellow-shaded and marked "Required Action" boxes for this project		CPSE WR#(s):
		CPSE Foreman Name (Print):
		CPSE Foreman Signature and Date:
<p>Cultural Resources: Archaeological Permitting/Monitoring</p> <p>No Required Action <input checked="" type="checkbox"/> Required Action <input type="checkbox"/></p> <p>Under the Antiquities Code of Texas, the project has been identified as located within a culturally sensitive area. Archaeological Monitoring is required during excavation activities. Contact the on-call Archaeologist at least 48 hours/2 business days prior to excavation activities at 210-353-2579 or ibentley@cpsenergy.com. Before construction can start, confirm Archaeologist's acknowledgement of construction schedule. Archaeologist must be onsite during excavation activities.</p>	<p>Asbestos Awareness:</p> <p>No Required Action <input checked="" type="checkbox"/> Required Action <input type="checkbox"/></p> <p>All coal tar pipe coating and asphaltic pipe insulation is assumed to contain non-friable asbestos materials. The contractor must follow all requirements in OSHA 1926.1101 to protect workers when removing coating materials. The coal tar/asphaltic pipe insulation coating shall be removed using wet methods. All removed coal tar pipe coating and asphaltic pipe insulation must be gathered, contained in 6 mil polyethylene sheeting, sealed with tape, and delivered to the CPS Energy Mission Road Construction Center at 613 Mission Road, San Antonio, 78210. The requirements must be followed unless otherwise noted on the plans. Contact Storeroom for key to roll-off at 210-353-5513.</p>	
<p>Endangered Species: Karst Invertebrates</p> <p>No Required Action <input type="checkbox"/> Required Action <input checked="" type="checkbox"/></p> <p>Under the U.S. Fish and Wildlife Endangered Species Act, the project has been identified as located within a sensitive karst zone with potential habitat for endangered species. Crews are to immediately stop work and contact the CPSE Environmental Department at 210-353-2551 if karst (cave-like or voids) features are identified during construction activities.</p>		
<p>Endangered Species: Birds (Golden-cheeked warbler)</p> <p>No Required Action <input checked="" type="checkbox"/> Required Action <input type="checkbox"/></p> <p>Under the U.S. Fish and Wildlife Endangered Species Act, the project has been identified as located within potential habitat for endangered bird species. Crews are not to trim or cut trees. If tree impacts are required, additional surveys are required. Please contact CPSE Environmental Department 210-353-2551.</p>	<p>Contaminated Soils: Joint Base San Antonio (JBSA), Port of San Antonio, Brooks City Base, or Other Site</p> <p>No Required Action <input checked="" type="checkbox"/> Required Action <input type="checkbox"/></p> <p>There is a potential for the excavated soil to be contaminated by activities previously conducted by JBSA/Air Force. If evidence of contamination or hydrocarbon odors are noted in soil, please contact CPSE Environmental Department at 210-353-2551. In no event should excavated soil or hydrovac spoils (water, soil mixture) be moved from the project's generation site by CPS Energy. Soils maybe used to backfill excavation(s) from same project area. If there will be left over soil or hydrovac spoils, please coordinate with customer to leave at construction site where generated or contact CPSE Environmental Department to coordinate sampling, manifesting, and disposal at the landfill.</p>	
<p>Flood Plain: Regulating Entity-COSA, Bexar Co., or Medina Co., etc.</p> <p>No Required Action <input checked="" type="checkbox"/> Required Action <input type="checkbox"/></p> <p>A flood plain development permit is active for this project. Requirements of the permit must be followed at all times. Unrestricted drainage of the project and adjacent areas must be maintained. No waste, equipment or construction materials shall be placed in existing lows that will block or alter flow of the existing natural drainage and must be removed by the end of the day. All existing ground within the 100-year flood plain, which is disturbed by construction activity, shall be restored to original grade with natural material. A copy of the flood plain permit must be kept on-site at all times.</p>		
<p>Stormwater: Installation of Best Management Practices (BMPs) and Soil Stabilization</p> <p>No Required Action <input type="checkbox"/> Required Action <input checked="" type="checkbox"/></p> <p>All projects with soil disturbance require the appropriate installation and application of erosion controls/BMPs. Mulch and/or vegetation must be placed on exposed soils once work is complete in order to help prevent erosion. If a Stormwater Pollution Prevention Plan is included with the job site package, follow plan as instructed.</p>		<p>Tree Impacts: Regulating Entity-COSA, COSA ETJ, Alamo Heights, Helotes, Shavano Park, or Hollywood Park, etc.</p> <p>No Required Action <input checked="" type="checkbox"/> Required Action <input type="checkbox"/></p> <p>A tree permit is not required; however, in the event tree trimming is greater than 25% of a tree canopy or tree removals are required, contact the CPSE Environmental Department at 210-353-2551. please ensure that excavations are as far as possible from the trees. Avoid damaging by hand digging around the roots. Roots and branches shall be cut cleanly with a saw and wounds painted within 30 minutes with asphaltic, exterior oil, or latex based paint. All tree trimming and pruning shall be performed by a company having the required Tree Maintenance license.</p>
<p>Stormwater: Stormwater Pollution Prevention Plan (SWP3)</p> <p>No Required Action <input checked="" type="checkbox"/> Required Action <input type="checkbox"/></p> <p>A SWP3 is active for this project. Please ensure the SWP3 is reviewed and BMPs are installed prior to the start of excavation activities. Contact Stormcon at 210-771-1221 or brandon@stormcon.us at least 48 hours/2 business days prior to any soil disturbance. Before construction can start, confirm Stormcon's acknowledgement of construction schedule.</p> <p>As soon as practical, all disturbed soil that will not be covered by impervious cover will be stabilized per applicable project specifications.</p> <p>Upon completion of the project, including site stabilization, all sediment and erosion control measures shall be removed (unless shared erosion controls are in place), paying attention to rock berms in drainage features. Removal of these items are required prior to issuance of final contractor payment for the project.</p>		
<p>Waters of the U.S.: Soil Disturbance within a Drainage Area</p> <p>No Required Action <input checked="" type="checkbox"/> Required Action <input type="checkbox"/></p> <p>Planned excavation will occur within the high-water mark of land identified as "Waters of the U.S." per Section 404 of the Clean Water Act. All spoils and equipment must be removed from the site at the end of the day and existing ground within the drainage way must be returned to natural grade with natural material. Maintain a copy of the Nationwide Permit Review at the project site at all times.</p>		

DESIGNER RESPONSIBILITY

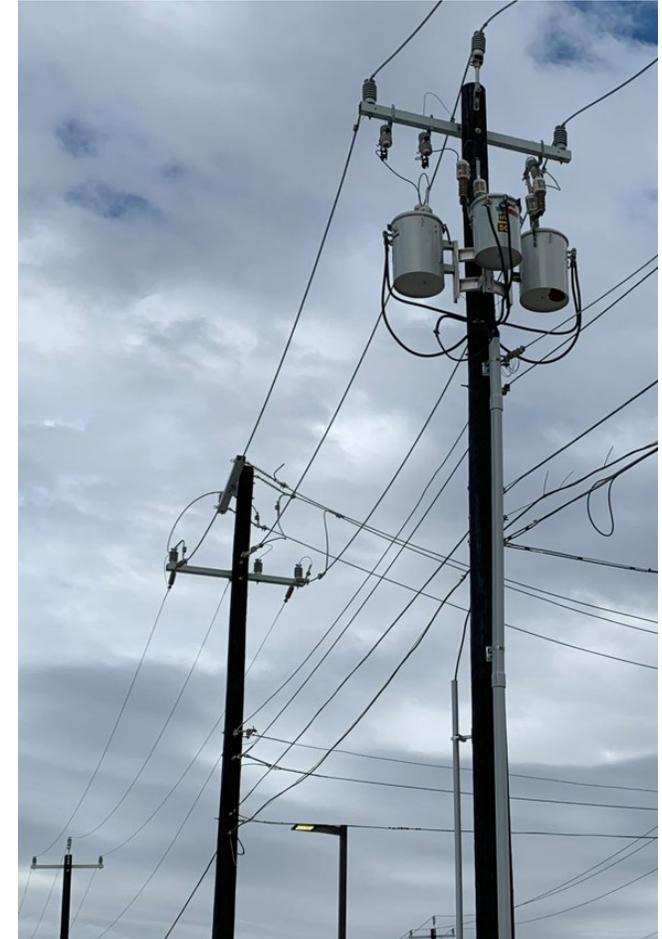
- Environmental notes from Environmental Department are required on the design
- If Required Action is checked marked in the EPIC sheet; then it would need to be included on the design

Environmental Permits, Issues and Concerns (EPIC) Sheet Comply with yellow-shaded and marked "Required Action" boxes for this project		CPSE WR#(s):
		CPSE Foreman Name (Print):
		CPSE Foreman Signature and Date:
<p>Cultural Resources: Archaeological Permitting/Monitoring</p> <p>No Required Action <input checked="" type="checkbox"/> Required Action <input type="checkbox"/></p> <p>Under the Antiquities Code of Texas, the project has been identified as located within a culturally sensitive area. Archaeological Monitoring is required during excavation activities. Contact the on-call Archaeologist at least 48 hours/2 business days prior to excavation activities at 210-353-2579 or jbentley@cpsenergy.com. Before construction can start, confirm Archaeologist's acknowledgement of construction schedule. Archaeologist must be onsite during excavation activities.</p>	<p>Asbestos Awareness:</p> <p>No Required Action <input checked="" type="checkbox"/> Required Action <input type="checkbox"/></p> <p>All coal tar pipe coating and asphaltic pipe insulation is assumed to contain non-friable asbestos materials. The contractor must follow all requirements in OSHA 1926.1101 to protect workers when removing coating materials. The coal tar/asphaltic pipe insulation coating shall be removed using wet methods. All removed coal tar pipe coating and asphaltic pipe insulation must be gathered, contained in 6 mil polyethylene sheeting, sealed with tape, and delivered to the CPS Energy Mission Road Construction Center at 613 Mission Road, San Antonio, 78210. The requirements must be followed unless otherwise noted on the plans. Contact Storeroom for key to roll-off at 210-353-5513.</p>	
<p>Endangered Species: Karst Invertebrates</p> <p>No Required Action <input type="checkbox"/> Required Action <input checked="" type="checkbox"/></p> <p>Under the U.S. Fish and Wildlife Endangered Species Act, the project has been identified as located within a sensitive karst zone with potential habitat for endangered species. Crews are to immediately stop work and contact the CPSE Environmental Department at 210-353-2551 if karst (cave-like or voids) features are identified during construction activities.</p>		
<p>Endangered Species: Birds (Golden-cheeked warbler)</p> <p>No Required Action <input checked="" type="checkbox"/> Required Action <input type="checkbox"/></p> <p>Under the U.S. Fish and Wildlife Endangered Species Act, the project has been identified as located within potential habitat for endangered bird species. Crews are not to trim or cut trees. If tree impacts are required, additional surveys are required. Please contact CPSE Environmental Department 210-353-2551.</p>	<p>Stormwater: Stormwater Pollution Prevention Plan (SWP3)</p> <p>No Required Action <input checked="" type="checkbox"/> Required Action <input type="checkbox"/></p> <p>A SWP3 is active for this project. Please ensure the SWP3 is reviewed and BMPs are installed prior to the start of excavation activities. Contact Stormcon at 210-771-1221 or brandon@stormcon.us at least 48 hours/2 business days prior to any soil disturbance. Before construction can start, confirm Stormcon's acknowledgement of construction schedule.</p> <p>As soon as practical, all disturbed soil that will not be covered by impervious cover will be stabilized per applicable project specifications.</p> <p>Upon completion of the project, including site stabilization, all sediment and erosion control measures shall be removed (unless shared erosion controls are in place), paying attention to rock berms in drainage features. Removal of these items are required prior to issuance of final contractor payment for the project.</p>	
<p>Flood Plain: Regulating Entity-COSA, Bexar Co., or Medina Co., etc.</p> <p>No Required Action <input checked="" type="checkbox"/> Required Action <input type="checkbox"/></p> <p>A flood plain development permit is active for this project. Requirements of the permit must be followed at all times. Unrestricted drainage of the project and adjacent areas must be maintained. No waste, equipment or construction materials shall be placed in existing lows that will block or alter flow of the existing natural drainage and must be removed by the end of the day. All existing ground within the 100-year flood plain, which is disturbed by construction activity, shall be restored to original grade with natural material. A copy of the flood plain permit must be kept on-site at all times.</p>		
<p>Stormwater: Installation of Best Management Practices (BMPs) and Soil Stabilization</p> <p>No Required Action <input type="checkbox"/> Required Action <input checked="" type="checkbox"/></p> <p>All projects with soil disturbance require the appropriate installation and application of erosion controls/BMPs. Mulch and/or vegetation must be placed on exposed soils once work is complete in order to help prevent erosion. If a Stormwater Pollution Prevention Plan is included with the job site package, follow plan as instructed.</p>	<p>Contaminated Soils: Joint Base San Antonio (JBSA), Port of San Antonio, Brooks City Base, or Other Site</p> <p>No Required Action <input checked="" type="checkbox"/> Required Action <input type="checkbox"/></p> <p>There is a potential for the excavated soil to be contaminated by activities previously conducted by JBSA/Air Force. If evidence of contamination or hydrocarbon odors are noted in soil, please contact CPSE Environmental Department at 210-353-2551. In no event should excavated soil or hydrovac spoils (water, soil mixture) be moved from the project's generation site by CPS Energy. Soils may be used to backfill excavation(s) from same project area. If there will be left over soil or hydrovac spoils, please coordinate with customer to leave at construction site where generated or contact CPSE Environmental Department to coordinate sampling, manifesting, and disposal at the landfill.</p>	
<p>Waters of the U.S.: Soil Disturbance within a Drainage Area</p> <p>No Required Action <input checked="" type="checkbox"/> Required Action <input type="checkbox"/></p> <p>Planned excavation will occur within the high-water mark of land identified as "Waters of the U.S." per Section 404 of the Clean Water Act. All spoils and equipment must be removed from the site at the end of the day and existing ground within the drainage way must be returned to natural grade with natural material. Maintain a copy of the Nationwide Permit Review at the project site at all times.</p>		
	<p>Tree Impacts: Regulating Entity-COSA, COSA ETJ, Alamo Heights, Helotes, Shavano Park, or Hollywood Park, etc.</p> <p>No Required Action <input checked="" type="checkbox"/> Required Action <input type="checkbox"/></p> <p>A tree permit is not required, however, in the event tree trimming is greater than 25% of a tree canopy or tree removals are required, contact the CPSE Environmental Department at 210-353-2551. please ensure that excavations are as far as possible from the trees. Avoid damaging by hand digging around the roots. Roots and branches shall be cut cleanly with a saw and wounds painted within 30 minutes with asphaltic, exterior oil, or latex based paint. All tree trimming and pruning shall be performed by a company having the required Tree Maintenance license.</p>	

- **After task 5100 is completed, designer is responsible to progress job**
- **Task 6000 – Designer: Designer is responsible for:**
 - Finalizing the design
 - Coordinates the tree trimming if needed
 - Applies for any pending ROW permits
 - Re-stakes proposed pole locations
 - Prepares for construction
- **Ensure CIAC payment has been received prior to progressing the job to scheduling/construction**

ASSOCIATED WORK REQUESTS

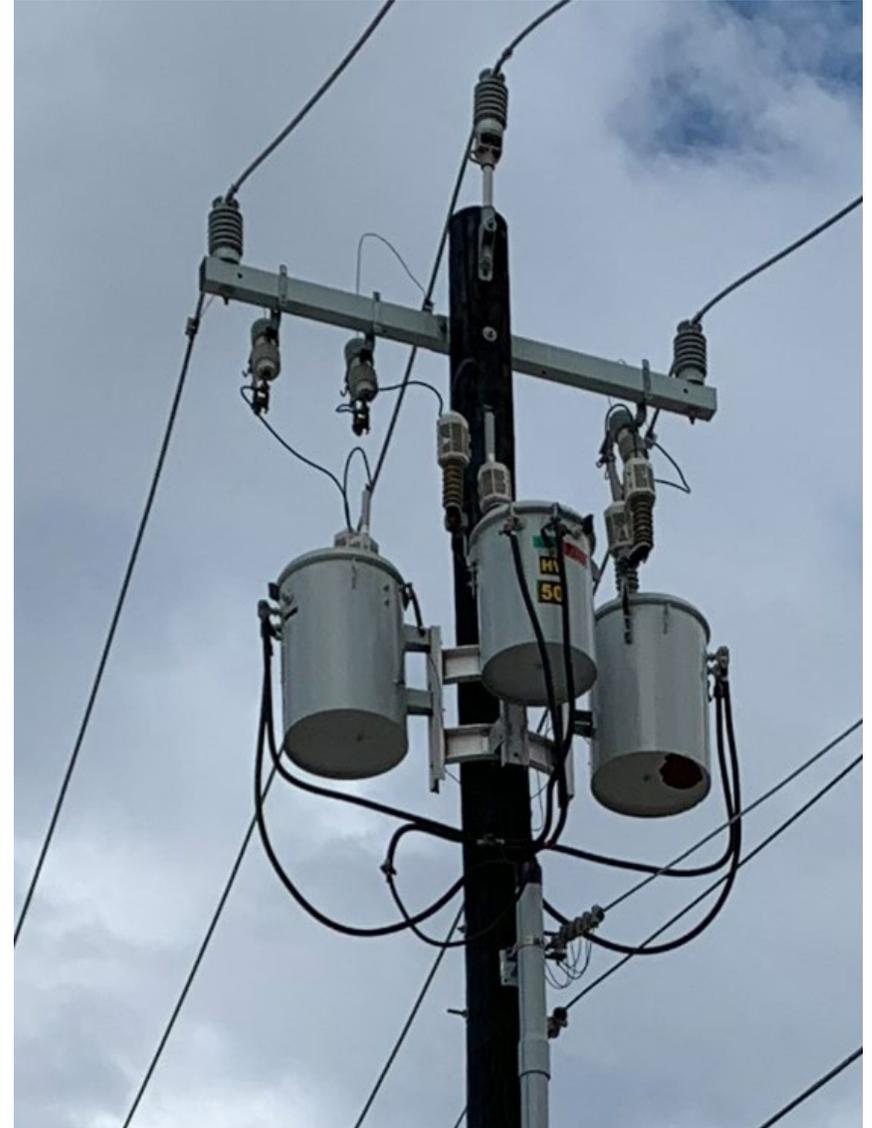
- All associated work requests should be submitted with the original application submission
 - Include Zach Tschoepe, ztschoepe@CPSEnergy.com, on the application submission if there is an associated UG WR
- This extends to final approvals at task 5000/5100
- All associated work requests must be paid prior to sending to task 5000/5100
 - The 5000/5100 notification email should include the associated work requests



Failure to submit all associated work requests with the project can result in delays for the applicant company.

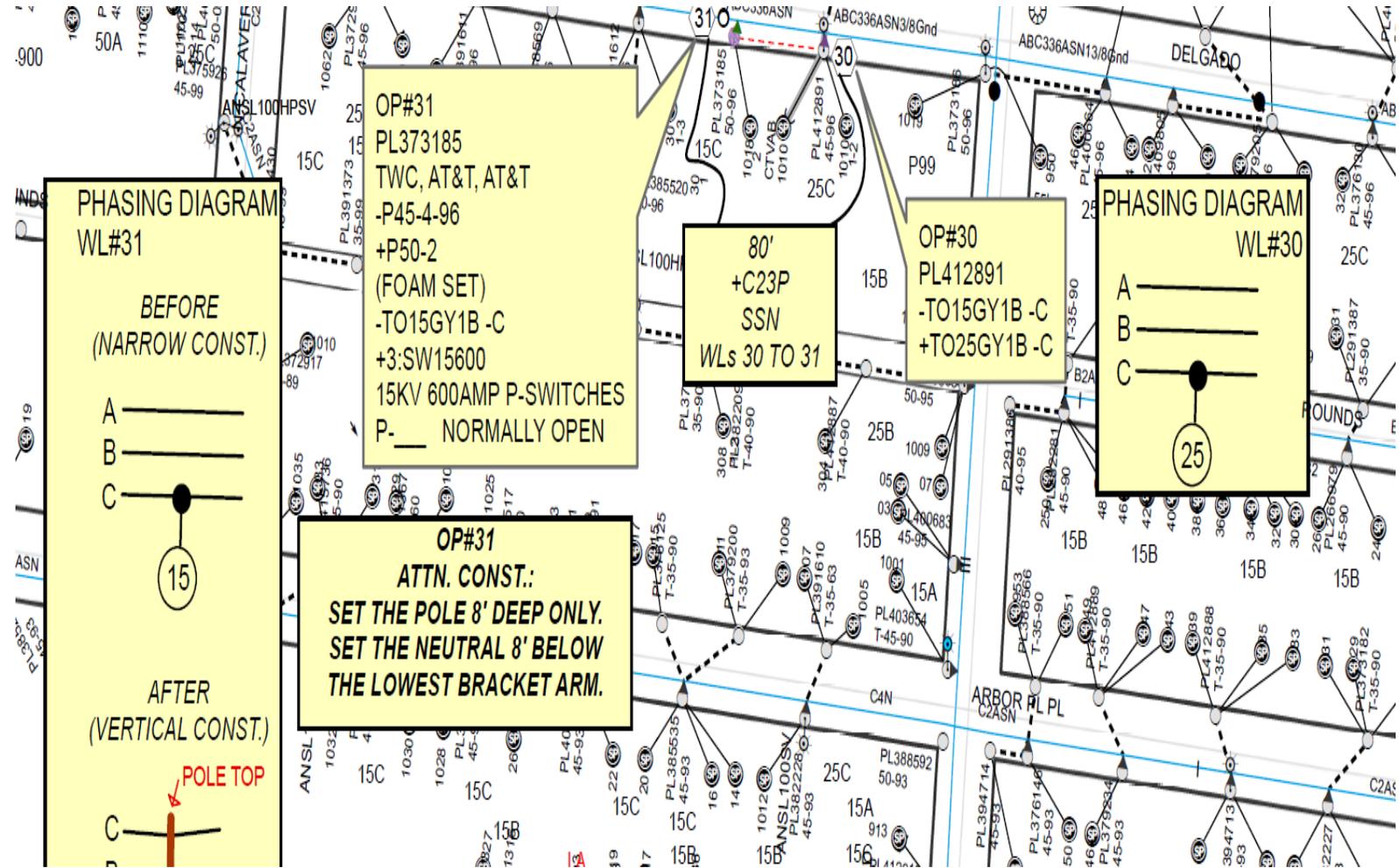
TRANSFORMER - CRANE CALLOUTS

- Call for a crane for all two and three pot bank projects regardless of size
- For a single transformer call for a crane if the unit is 50kVA or greater
- 4 NSLP per transformer



CALLOUT BOXES

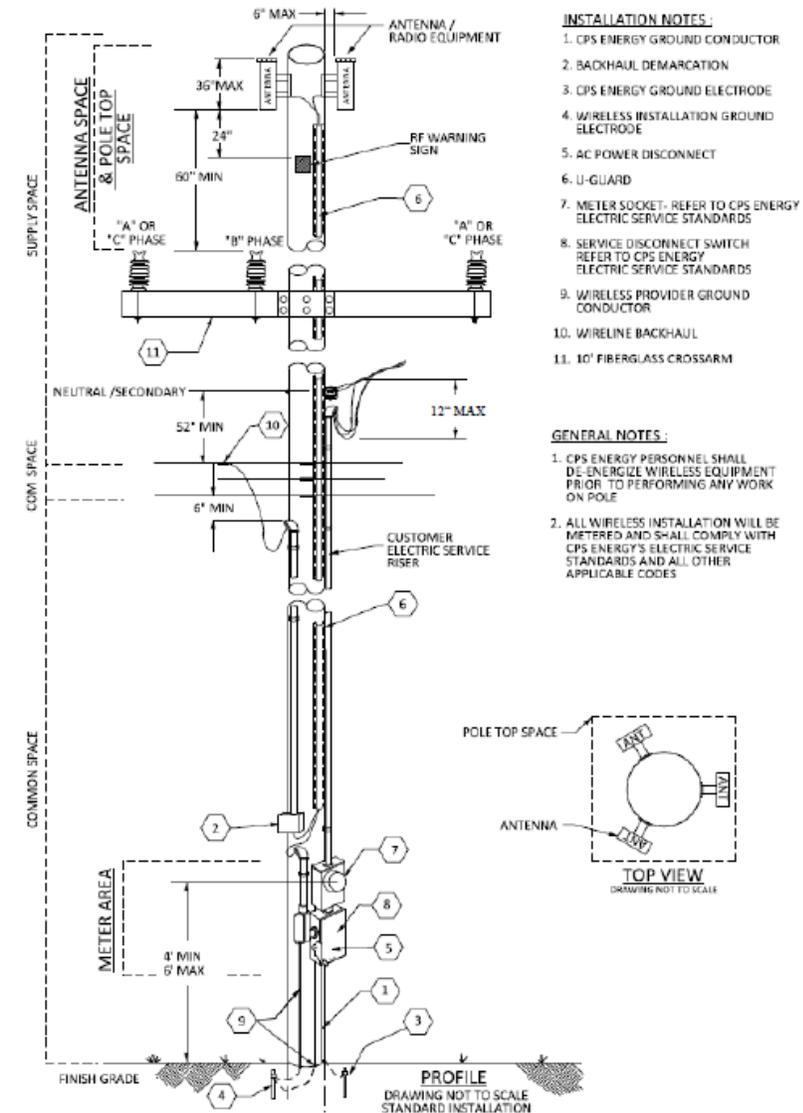
- OP# or WL# at the top of the call out box
- Pole Number
- Attaching entities (From Top to Bottom)
- +/- Pole size – Class # - Vintage date
- If hand dig is required, pole installation location must be mentioned (Ex: Set pole 2' North)
- Transfer streetlights if any
- +/- Transformer Size GY or HV - Phase
- Call for Crane if needed



POLE REPLACEMENTS & INSTALLATIONS

- CL16 CU required for Class 1 poles
- CL12-1,2 required for Class 2 poles
- 10' cross arm on arm for pole top antennas & bottom arm double circuit construction configuration

I3: CPS Energy Wireless Antenna Installation – Pole Top Space (Panel)



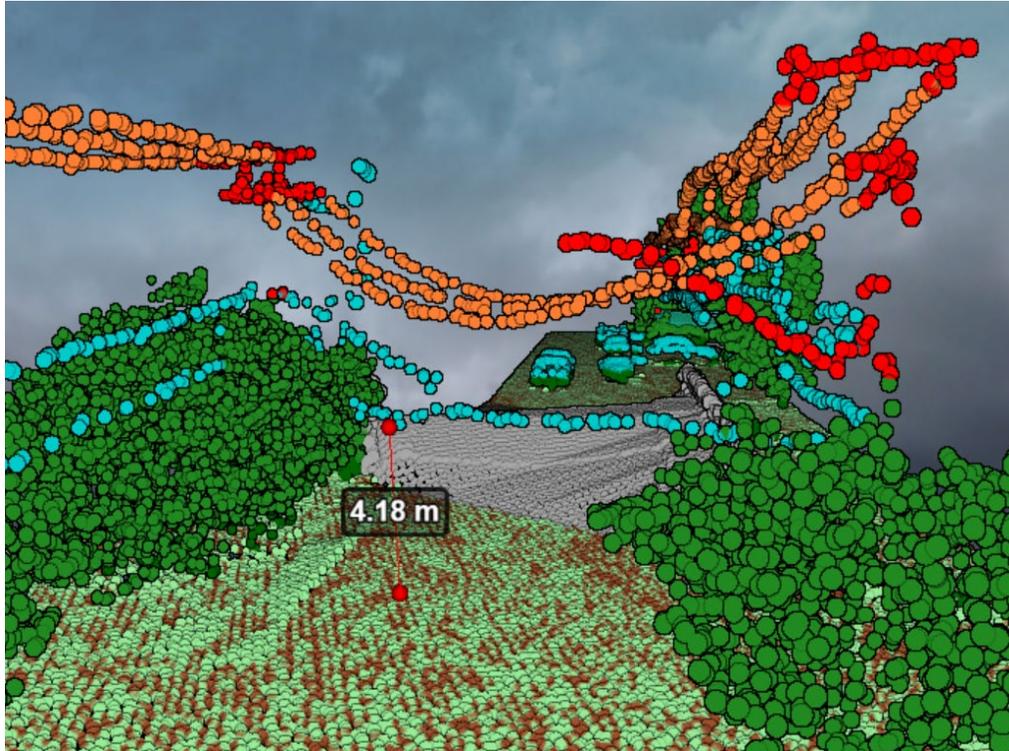


LIDAR DATA AND NJUNS TICKET PROCESS

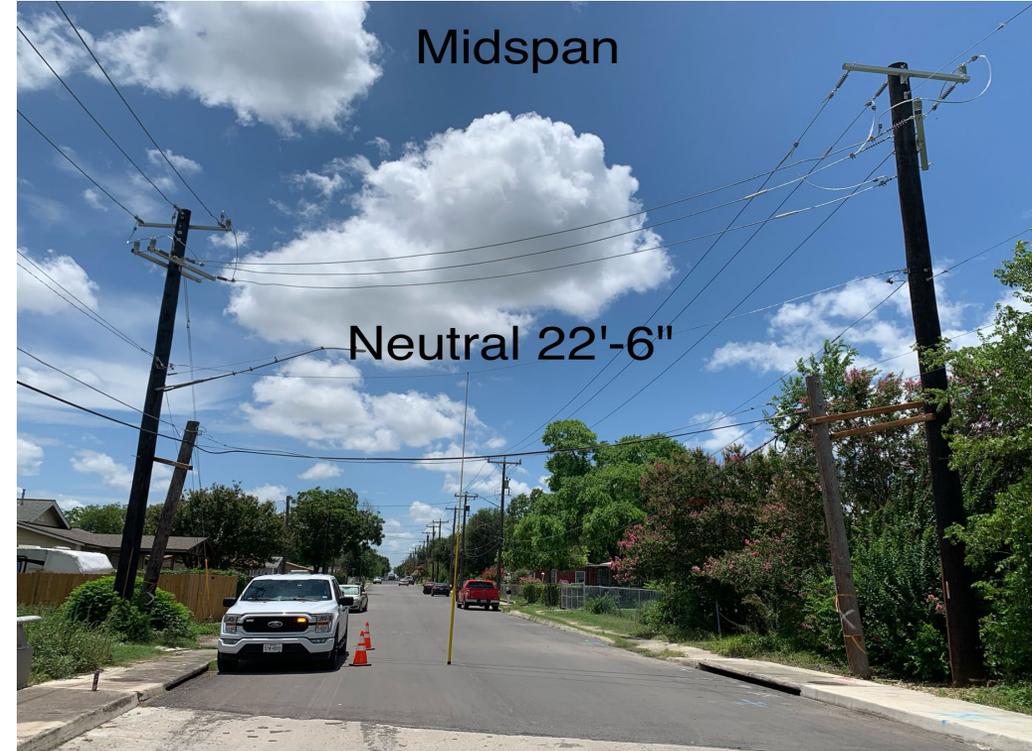
LIDAR DATA & LOW COMMUNICATION LINE ISSUES

- LiDAR (**L**ight **D**etection **A**nd **R**anging) traditionally used to map out vegetation to identify areas needing trimming
- Being leveraged to identify mid-span heights of lowest communications cables
- Identifying low hanging wires to prevent vehicular strikes
 - Safety
 - Reliability
- Will be identified as violations, requiring accelerated response times

LOW COMMUNICATION LINE EXAMPLE



LiDAR 3D View

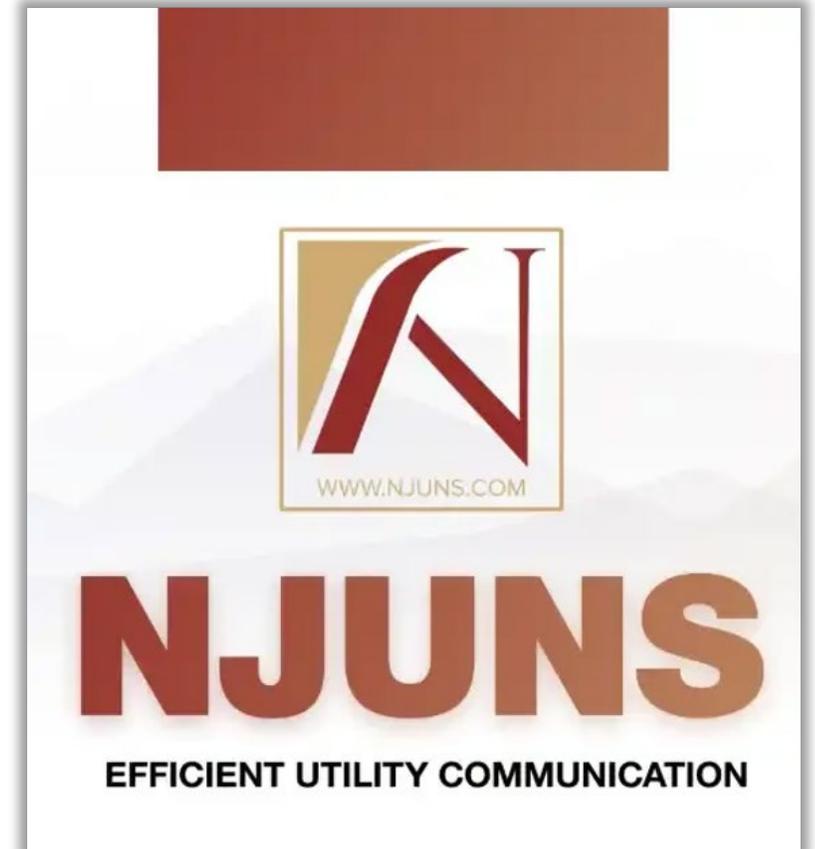


N San Ignacio St

Lidar Data shows a clearance of 13'- 7" over the roadway

NJUNS NOTIFICATIONS

- CPS Energy utilizes different types of NJUNS notifications:
 - Pole Transfers (PT) tickets
 - Violation (VIO) tickets
 - New (New) tickets
- NJUNS training materials can be found on the training page & includes:
 - NJUNS User's guide
 - Training Videos
 - Best Practices
- **If any attaching entity needs assistance or additional training, please reach out to the Pole Attachment Services team**



National Joint Utilities Notification System

The next web-based training can be found at the [NJUNS Training page](#), where you can subscribe to receive notifications

- Attachers need to query NJUNS regularly to keep up with their Next To Go steps
- Violation NTG steps will have a 5 day period to address NJUNS steps
 - Safety driven initiative
- Regularly checking NTG reporting is important to staying clear of violations



POLE ATTACHMENT INVENTORY

POLE INVENTORY PROJECT

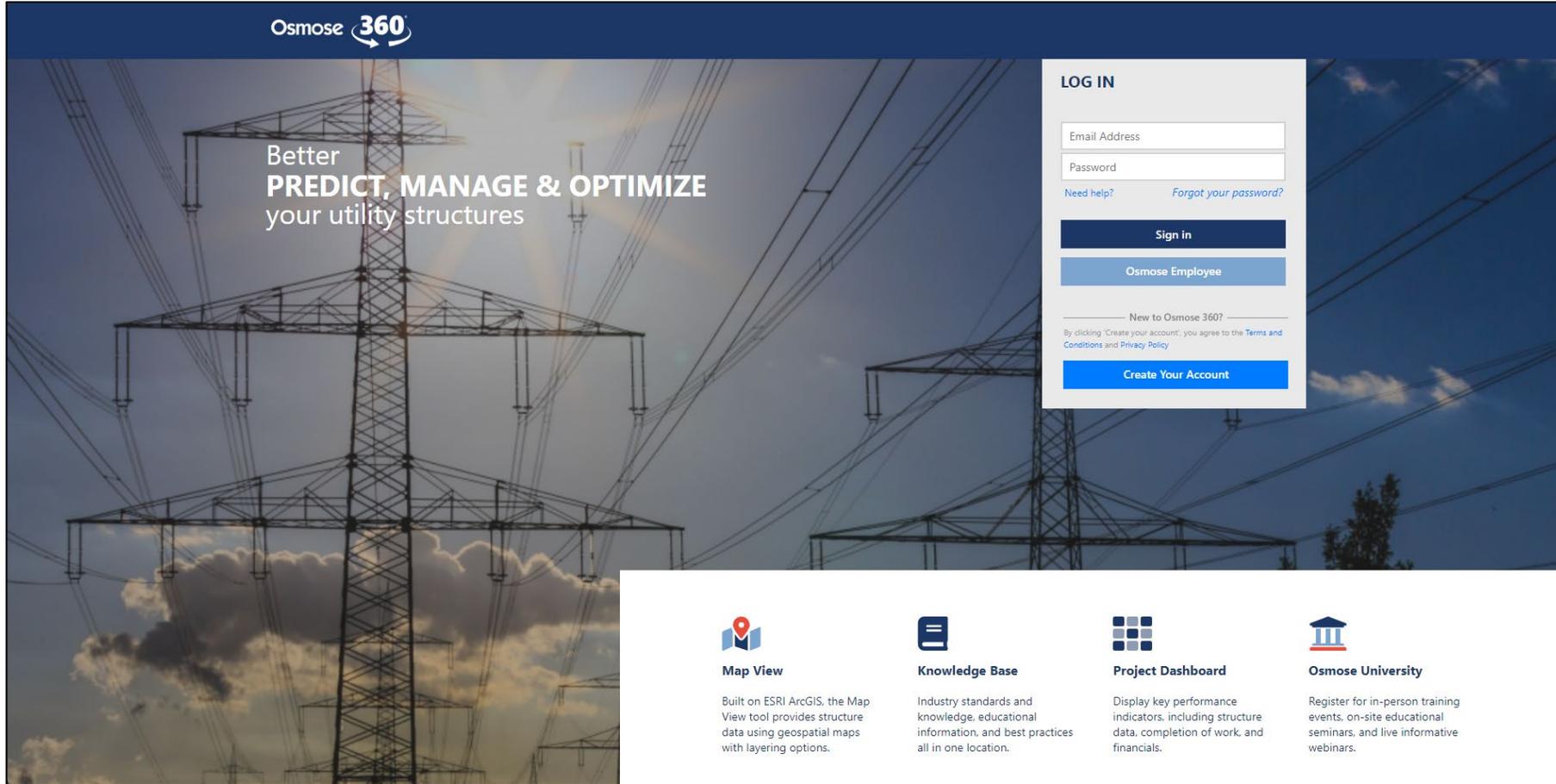
UPDATE

- The pole attachment inventory resumed in January 20206
 - Ensure that CPS Energy is inventorying and invoicing appropriately
- Field activities
 - Multiple Osmose crews
 - System wide inspections
 - Residential, urban, rural, etc.
 - 18% of poles complete (not verified)
 - Attacher meeting set for March 10, 2026



OSMOSE 360

INFORMATION/REGISTRATION



Osmose 360

Better
PREDICT, MANAGE & OPTIMIZE
your utility structures

LOG IN

Email Address
Password

[Need help?](#) [Forgot your password?](#)

Sign in

Osmose Employee

— New to Osmose 360? —

By clicking 'Create your account', you agree to the [Terms and Conditions](#) and [Privacy Policy](#).

Create Your Account

Map View
Built on ESRI ArcGIS, the Map View tool provides structure data using geospatial maps with layering options.

Knowledge Base
Industry standards and knowledge, educational information, and best practices all in one location.

Project Dashboard
Display key performance indicators, including structure data, completion of work, and financials.

Osmose University
Register for in-person training events, on-site educational seminars, and live informative webinars.

Osmose360.com
CPS0897



ANNOUNCEMENTS

ANNOUNCEMENTS

- Next Quarterly Dates:
 - June 4th, 2026
 - September 3rd, 2026
 - December 3rd, 2026

- Contact poleattach@cpsenergy.com to get on the list for GIS training



QUESTIONS?