



CPS ENERGY QUARTERLY POLE ATTACHMENT WORKSHOP

JUNE 23, 2022

Confidential Information Property of CPS Energy

SAFETY

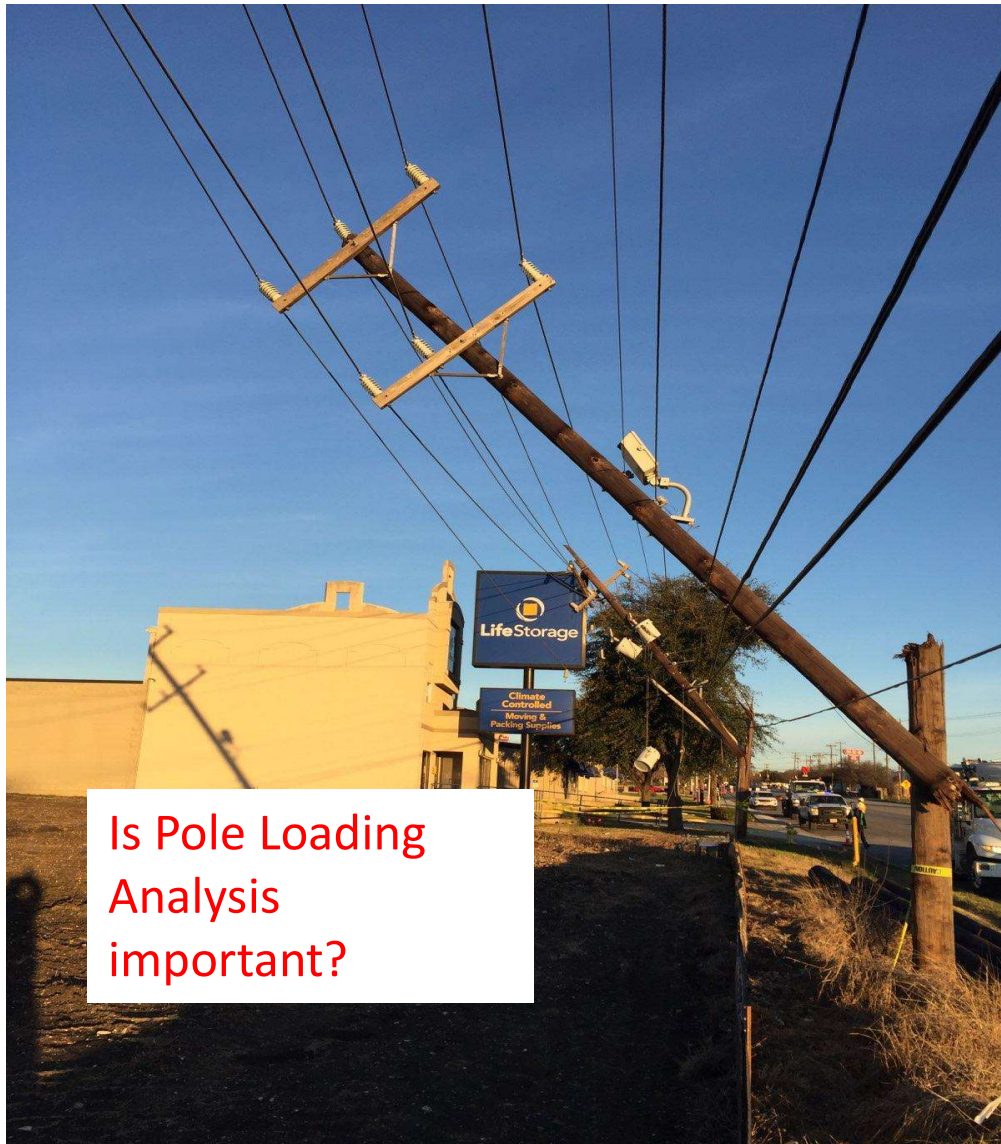


<https://www.youtube.com/watch?v=i1lyeaiizZ>

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<https://www.youtube.com/watch?v=yLjz0wun>

P 4



AGENDA



1. General Topics

- Pole attachment standards update
- Pole attachment services website
- Pole attachment contractors/GIS training
- Pole attachment applications

2. Work Manager

- Work Manager task structure/updates
- New work manager Update "How to"
- Designer responsibilities
- Application rejections updates

3. Wireline Attachment

- Wireline standards

4. Wireless Attachments

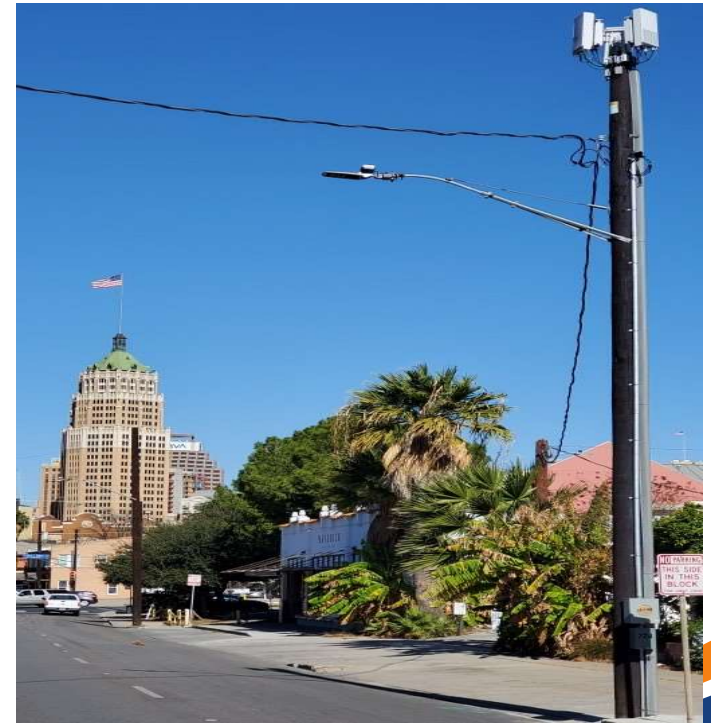
- Mock up
- Wireless Antenna Violations

5. Downtown/Residential Streetlight Project Updates

6. CPS Energy Pole Inventory

7. Customer Engineering Updates

8. Questions



T&D Grid Transformation & Innovation Director, Guillermo De Hoyos and Director Senior Counsel, David Hinkson



- Guillermo De Hoyos is the Director for T&D Grid Transformation & Innovation, he started with CPS Energy in 2004
- Guillermo has had roles in Underground and Overhead Engineering, Metering and Services, EIT and was the Chief of Staff for IT
- David Hinkson is our new Director Senior Counsel, he started with CPS Energy in November 2021, he worked with four other utility companies (El Paso Electric, Entergy, American Water and Arizona Public Service)



Guillermo De Hoyos
Dir T&D
Transformation &
Innovation



David Hinkson
Dir Senior Counsel

GENERAL TOPICS

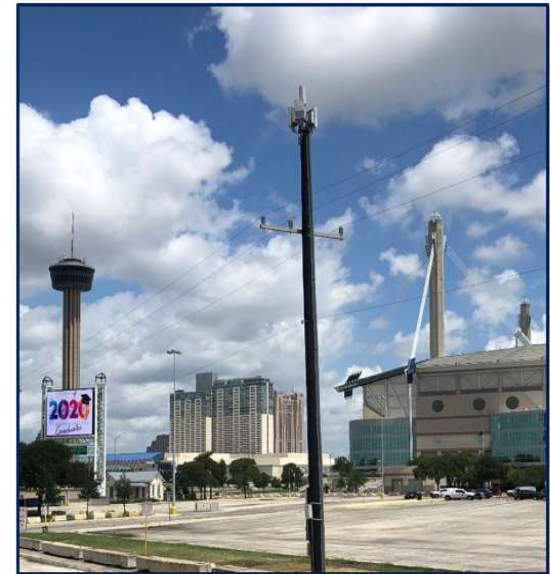
Pole Attachment Standards V6.0 and Joint Trench Agreement



- Pole Attachment Services continues to work diligently with stakeholders to ensure the Pole Attachment Standards improve operations for all Attaching Entities
- Pole Attachment Services released the Pole Attachment Standards V6.0 and the Joint Trench Agreement for comments June 10, 2022
- Pole Attachment Standards V6.0 and Joint Trench Agreement will be published soon after comments have been reviewed
- Attaching Entities are required to submit Appendix A to notify CPS Energy of confirm the contact information on file is valid by June 1

CPS ENERGY

POLE ATTACHMENT STANDARDS



Pole Attachment Services Website



- Register to receive quarterly meeting invites
- Updates on the pole attachment standards revisions
- Future quarterly workshops will be posted

My Home | My Business | Construction & Renovation | Work With Us | Customer Support | About Us

Ways to Pay | Contact Us

Starting Friday, July 1 our **Customer Service Center** hours will be: 7:45AM to 5:00 PM Monday-Friday (except holidays).

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 for comment the revised Pole Attachment Standards, Version 6.0 (the "Standards") and the **Joint Trench Agreement** on Friday, June 10, 2022. CPS Energy continues to work with stakeholders to ensure the Pole Attachment Standards improve a more streamlined process and operations for all attaching entities.

Please submit all formal written comments using **Form B16**, Pole Attachment Standards Revision Request (PASRR) Comment Form, [via email](mailto:poattach@cpsenergy.com) to poattach@cpsenergy.com. Comments will be accepted through Friday, July 8, 2022.

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](#)

Previous Meetings/Workshops

- Quarterly Pole Attachment Workshop: May 27 2021
- Downtown Streetlight Pilot Project Update
- Quarterly Pole Attachment Workshop: Oct 2 2020
- Quarterly Pole Attachment Workshop: Dec 13 2019
- Quarterly Pole Attachment Workshop: Aug 15 2019
- Quarterly Pole Attachment Workshop: May 9 2019
- Quarterly Pole Attachment Workshop: Feb 7 2019
- Quarterly Pole Attachment Workshop: Nov 8 2018
- Quarterly Pole Attachment Workshop: Jul 26 2018
- Quarterly Pole Attachment Workshop: May 10 2018
- Quarterly Pole Attachment Workshop: Jan 25 2018

Pole Attachment Standards

- [Pole Attachment Standards - V6 - DRAFT June 10 2022](#)
- [Joint Trench Agreement - Draft June 10 2022](#)
- [Pole Attachment Standards - V5 - Effective January 8 2021](#)
- [Pole Attachment Standards - V4 - Effective Apr 1 2019](#)
- [CPS Energy FCC Rate Calculation Support Jan 2022](#)
- [CPS Energy FCC Rate Calculation Support Jan 2021](#)
- [CPS Energy FCC Rate Calculation Support Jan 2020](#)
- [CPS Energy FCC Rate Calculation Support Jan 2019 \(Revised 1-7-2020\)](#)

Pro Forma Agreements

- [Standard Pole Attachment Agreement \(Pro-Forma\) Revised July 2016](#)
- [Wireless Addendum Final Revised Dec 2016](#)
- [Wireless Installation Agreement Final Revised Dec 2016](#)

Helpful Links

- [Certificate of Authority \(City of San Antonio\)](#)
- [NULNS](#)
- [Approved Contractors](#)
- [Pole Inspection Guidelines](#)
- [Exhibit A - Compensation Schedule](#)

Special software is required to open PLA Client File links.

Forms

- [A1 Registration and Annual Reporting Form](#)
- [B1 Standard Pole Attachment Application](#)
- [B2 Standard Wireless Installation Application](#)
- [B3 Banner Attachment Application](#)
- [B4 Request for Pre-Certification of Wireless System](#)
- [B5 Request for Waiver of Applicable Engineering Standards](#)
- [B7 Request for Temporary Attachment](#)
- [B8 Completion of Attaching Entity Construction](#)
- [B15 Pole Attachment Standards Revision Request \(PASRR\)](#)

Pole Attachment Standards – Stakeholder Process



- **Continuous Updates to Pole Attachment Standards** - Updates to pole attachment standards with stakeholder input
- **Website**
Primary source for communications - www.cpsenergy.com/poleattachments
- **Contractor Lists Updates**
- **Personal Communications**
Frequent one-on-one meetings & calls
- **Quarterly Workshops**
Information sharing forums
- **Technical Workshops**
Topics vary
- **Engineering Contractor Training**
CPS Energy University



UTC Latina Workshop

Approved Pole Attachment Contractors



- Engineering companies are currently at our maximum approval limit
- Engineering companies seeking approval will be placed on a waiting list
- CPS Energy will conduct reviews of companies to remove any companies not submitting pole attachment applications every six months
- Companies removed will have to re-submit a letter from their Attaching Entity stating they will be doing work for them
- Engineering companies "MUST" notify CPS Energy within 24 hours on employee termination/leave

Engineering	
1. Aeparmia Engineering	★★★★
2. Amdocs	★
3. ArchComm, LLC	★
4. C&D Utility Consulting, LLC	★★★★
5. Cobb Fendley	★★★★
6. Davey Resource Group, Inc.	★★★★
7. DeBauche Comm. & Cons. Serv., LLC	★
8. Fullerton	★★★★
9. LandDev Consulting, LLC	★★★★
10. LJA Engineering	★★★★
11. Nexus Solutions, Inc.	★★★★
12. PhaseLink Utility Solutions	★★★★
13. Precision Design & Drafting Inc.	★★★★
14. Quanta Utility Engineering Services	★★★★
15. Telecom Staffing, LLC	★★★★
16. TDC2, LLC	★
17. Texas Utility Engineering, Inc.	★★★★
18. TRC, Inc.	★★★★
19. TrueNet Communications	★
20. Teo Engineering Organization LLC	★
21. Jacobs Telecommunications, Inc	★
22. Rocky Mountain West Telecomm	★

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

★★ Option 2: Make ready engineering

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

Approved Pole Attachment Engineering Contractors

- **CPS Energy will be sending each approved engineering company a “User Access Agreement” by September 1, 2019**
- **Each approved engineering company must sign and have it executed by October 1, 2019**
- **If the “User Access Agreement” is not signed by October 1, 2019, they engineering company will be removed from the approved list**

Pole Attachment Services -Electrical Make Ready Training Classes



- To date, CPS has held 6 trainings with more than 20 plus companies
- Future Proposed Trainings – Please submit the name and company to get on the list for next available training
 - Date?
 - Duration: 5 days – Mon - Fri
 - Location – Virtual / 4514 Frank Bryant?
- For more information please email poleattach@cpsenergy.com



Pole Attachment Services -Electrical Make Ready Training Classes Cont...



- GIS training does not make the trainee experts about pole attachment standards, it only help the trainee understand how to use the GIS program
- The training is to do the basic GIS designs that Pole Attachment Services needs in order to submit Electrical Make Ready Designs which includes pole changeouts, moving neutrals and raising of drip loops
- It may take the beginning designer at least 6 months to really understand the electrical make ready design part of the process
- GIS training doesn't include how to fill out the pole attachment application and understanding the pole attachment standards
- We need to work with the new trainees to understand the process for pole attachment applications, pole attachment standards and the electrical make ready designs to streamline the rejections
- Engineering firms continue to have trained employees leave and new ones needing training

FOR CPS USE ONLY							
Approved By				40299999 (Make Ready)			
Title							
Telephone number							
Approval Date							
			CPS WR# (if needed)				
Date	8/28/2018	Attaching Company	Attacher	Number of New attachments	0	Total Pole Load Analysis	0
City/Township	San Antonio	Application Number		Number of Overlashes	5	One Touch Simple	1
		tag# - gear - unique client app. #	2-2018-999999	Total Poles	5	One Touch Complex	0
State	Texas			Number of Removals	0	Total One Touch	1
Address Street Address	5000 W Military Dr Bldg B	By	Designer	Proposed Cable Count	1	Existing Cable Count	1
X-Coordinates	29.366684	Title	Telecommunications Planner	Proposed Cable Diameter	0.500"	Existing Cable Diameter	2"
Y-Coordinates	-98.597255	Telephone number	210-999-9999	Proposed Cable Weight	0.072 lbs/ft	Existing Cable Weight	1.17 lbs/ft

Operation Number	Attachment Action: (I) nstalling (R) emoving (E) xisting	Pole Owner	Pole #	Pole Structure	Proposed Riser (Yes/No) & Qty	Proposed Guy (Yes/No) & Qty	PLA (%) with proposed attachment	Constructio n Grade of Analysis	Existing Mid-Span Data		Make Ready Data			One Touch Transfer: Simple or Complex	Remedy Description and Explanation/ Additional Comments/Variance Requests	Responsible Party: Attacher (Make Ready) or CPS (Upgrade)	Existing CPSE Red Tag on Pole	Pole Data Missing in GIS (if yes fill out Missing Pole Data worksheet)	
									Height Lowest Comm	Height Lowest CPS Electrical	Attacher Description	Attachment Height							Mid-Span (same span as existing)
												Existing	Proposed						
1	(E)xisting	CPS	PL494764	Wood, 55, 2	No	No			Back Span	Back Span	Neutral/Service	26-6			None		None	No	Yes
									To: Southeast	465211	Drip Loop	24-11							
									17-11	26-11	ANSL Top	24-5							
									Forward Span	Forward Span	ANSL Bottom	24-1							
									To: DP 2	499693	ANSL Drip Loop	23-10							
									17-5	25-4	New Attacher (2)	22-3	20-6						
									To: Northeast	471155	AT&T (3)	18-4							
									N/A	20-11	AT&T (3)	15-11							
									To: Southwest	506789									
N/A	24-7																		
To	#																		
2	(E)xisting	CPS	PL499693	Wood, 55, 2	No	No			18-4	25-3	Neutral/Service	24-5			Simple	Raise Drip Loop	Attacher	No	No
											Drip Loop	22-7	24-5						
											New Attacher (2)	22-9	21-1						
											AT&T (3)	21-6	20-1						
											AT&T (3)	18-11							
									To: South	Building									
N/A	17-6																		

Application Rejections

- **Application missing required information**
 - CPS Energy pole number (PL#) missing on application (New Attachments ONLY)
 - 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 new creates a new violation
 - Incorrect construction grades
 - Missing cables on pole
 - Incorrect cable tensions
 - Mid-Span clearance issues
- **21 Day application review 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_REV1

Application Submittals/Post Inspections



- **Wireless/Wireline applications must reflect ALL (existing and proposed) attachment location heights to verify proper clearances are met**
- **Notice of new attachment completion must be submitted within 90 days in order for CPS Energy to do the post inspection and issue the pole attachment permit**
 - **Courtesy emails will be sent out as a reminder that the 90 day post inspection is past due**
 - **Auto-post-fiber-inspection will be implemented if no post construction communication has been sent to EN Engineering and/ or TRC**
- **Recommendation for wireless post inspections is to notify TRC/EN Engineering to do the post inspections before the meter is installed to avoid an outage and higher cost to remedy the gig**

WORK MANAGER

Work Manager Task Structure



- Task 2460 for EN Engineering is now Zsofia Cassidy – CZ is her initials and TRC is Elizabeth Teran- Delgado - TDEL
- Permit attachments expected at Task 2360
 - Dig Tess (Dig Tess # should also be on the design)
 - Gas Maps
 - SAWS/Water Maps
 - CPS Environmental forms/approvals (notes should be on the design in **RED**)
- Permit attachments expected before Task 5000 approval
 - TXDOT Approval (if necessary)
 - City/County Approvals (if necessary)

Attachments for Work Request/Task 40292154-2360

Refresh	Date	Attachment File Name	Job Instruction?	Flexible Report?	Web Viewable?	Plotter?	Description	Template Name	Path
		40292154_2_201905071113_5-07-2019(11_13_	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	DO NOT USE		\\vcp
		40292154_2_201906051704_6-05-2019(17_04_	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	DO NOT USE		\\vcp
		40292154_2_201907021335_7-02-2019(13_35_	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	READY FOR CONSTRUCTION		\\vcp
		40292154_2_201908071125_8-07-2019(11_25_	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	DO NOT USE		\\vcp
		519 N Medina - Admin COA, Power Pole Replac	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certificate of Appropriateness - COA		\\vcp
		591377303 LO 451 TAP 811.pdf	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	811 TICKET		\\vcp
		EPIC SHEET FINAL FOR CONSTRUCTION W/	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			\\vcp
		GAS MAP.pdf	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CPS GAS MAP		\\vcp
		InternetMail SADT_MORALES_HAVEN_SC Env	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ENVIRONMENTAL CHECKLIST EMAIL		\\vcp
		REC_156580.pdf	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SAWS RECYCLE MAP		\\vcp
		SWR_156580.pdf	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SAWS SEWER MAP		\\vcp
		WTR_156580.pdf	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SAWS WATER MAP		\\vcp

OK New From... Attach File... Copy Attachment... Delete Refresh Open Help

Temporary Attachment Form (B7) & Waiver Request

- Approved engineering company must coordinate site meeting with EN Engineering and/or TRC
- Pole application must be submitted with the proposed attachment height for each temporary attachment for CPS Energy to review
- A **signed** temporary attachment request must be submitted with the pole attachment application
- Waivers must be submitted with the pole attachment application or the application will be deemed incomplete and rejected
- All requests must meet NESC clearances in order to be approved for temporary attachment

AT&T Approval Letter



- **AT&T approval letter must also be saved in Work Manager Task 2360 as “AT&T Pole Replacement Approval”**
- **Work Request detail must reflect Project “E-0069” in Work Manager**



February 06, 2019

Extenet Systems Inc.
Don Couch
Ronnie Teaff

RE: Occupancy Permit

Customer Application: SA015
Occupancy Permit: 2018-CS-TX-010175
Location: SAN ANTONIO, TX 78205
Project Number: A01G7Y2
Permit Date: 2/5/2019

AT&T has confirmed that the structure(s) is available for your use.

This is your approved occupancy permit. You have 12 months to complete your construction work.

Once your work is completed please fill out and return the attached Applicant Notice of Completion form and send it to BRIAN BEDNARZ, who can be reached on 210-729-8410. BRIAN BEDNARZ will make the necessary arrangements to have the post inspection work completed.

Rental will be billed on Extenet Systems Inc. account for Texas. Per your occupancy request, our records will reflect an occupancy of the following.

Structure Type	Permit Quantity
Pole	1

If either the permit quantity or billing account is not correct, please notify us immediately, via email at: BB1308@att.com. Any unreported or unauthorized occupancy will be immediately subject to the appropriate penalty fines and removal actions as described in the associated tariff or agreement for the state involved.

Identification tags are required on your facilities at each point of contact (at each pole or manhole). The failure to install these identification tags may result in the inability to notify you in the event of a major failure or structure relocation.

Thank you,

BRIAN BEDNARZ
Manager - Structure Access
Attachments

Work Manager System Demonstrations



- CSI Team has two demonstrations of some general use & navigational functions within ARM 2.2
- General Navigation Basics → Navigation → Basics WebEx
- General Navigation Views and Tasks → General Navigation → Views and Tasks WebEx

A screenshot of the CPS Energy Connect web application. The browser window title is "WR Detail 40173800 - Internet Explorer". The user is identified as "User Id: JMLOPEZ, User Name: 'JESSE M LOPEZ', Type: Company". The interface shows a "Work Request Detail 40173800" form. The form has a "General" tab selected. The form fields are as follows:

*WR No	40173800	*WR Status	APPR	WR Status	
Contact Name		Contact Phone	(999) 999 - 9999 x 99999	*WR Name	
*WR Type	PALMR	*Classification	CAPITAL	WR Sub-T	
*Address	2787 WINFIELD SCOTT RD. FORT SAM	Directional Address			
*Priority	C3	*Requested Completion Date	05/18/2018	Committed	
Customer Ready Date	06/10/2019	Earliest Appointment Start	MM/DD/YYYY		
Description	TWC#1594790 - MR	Latest Appointment	MM/DD/YYYY		
*Local District	UCE	WR Owner Name	CCA	WR Owner	
*Work Group	CPS	Design Estimate	CARLOS CINTRON	Design Ho	

Designer Responsibility

The Designer (design company) is the owner of the Work Order and GIS Design from creation through AsBuilts

- Make sure designer's initials are indicated under Work Request Owner to ensure delivery of emails as tasks are completed



WR No:	40358525	WR Type:	PALMR
WR Name:	[REDACTED]		
Owner:	NK2	Jesse Lopez!	

Designer responsibilities cont...

- **Designer (design company) is also responsible for field survey and staking for locates (design & construction)**
 - Mark poles to be located
 - Stake location of new pole placement correctly
 - Must be available to meet foreman for any field questions
- **Designer must coordinate the tree trimming around the power space by contacting Isidro Bonilla at 210-353-5243, IBONILLA@CPSENERGY.COM**

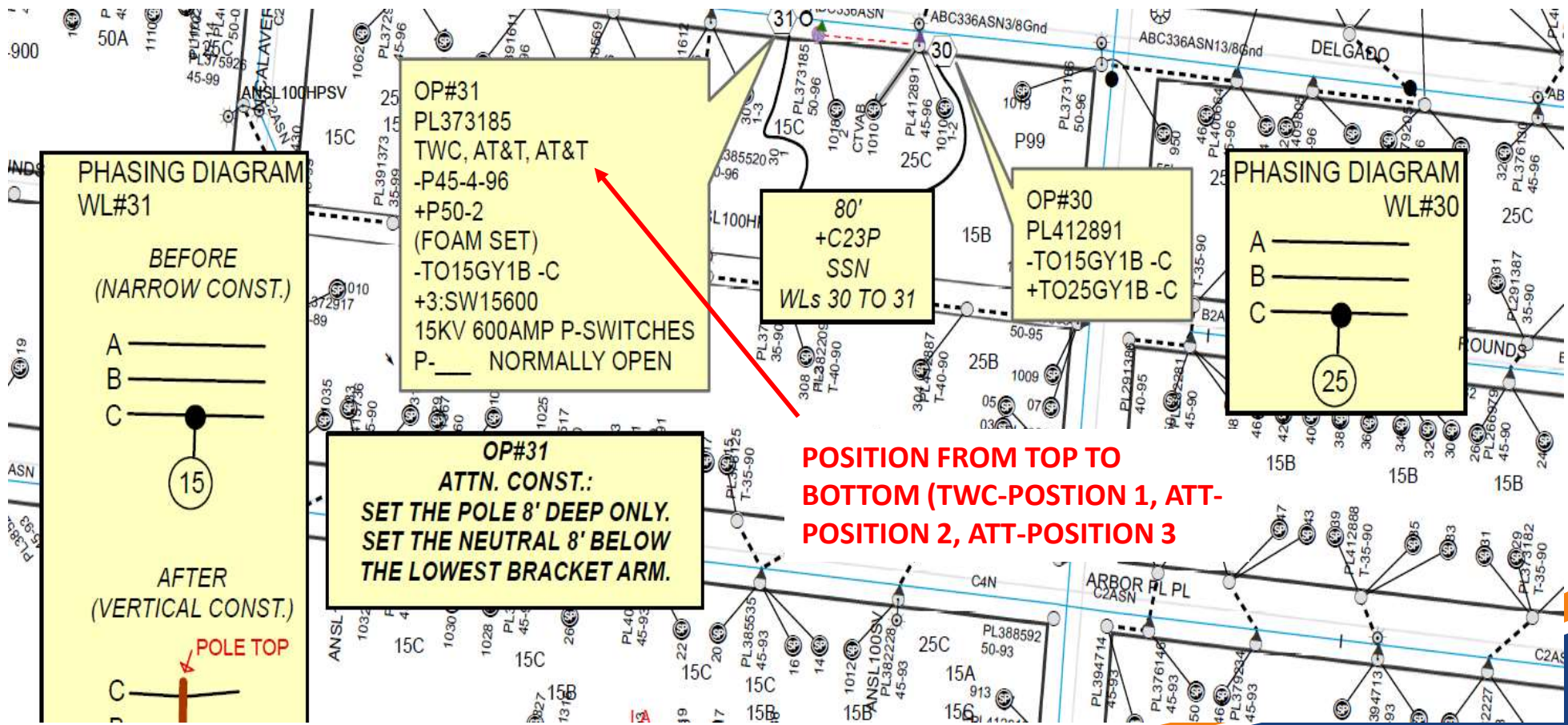


Designer responsibilities cont...

- **Designer (design company) is responsible for coordinating the field meeting for the Recloser antenna adjustment for the proposed remedies with Antonio Rodriguez at 210-353-5703, ABRodriguez@CPSEnergy.com**
- **Designer must upload approved email from Antonio into Work Manager task 2360**



JOB SKETCHES

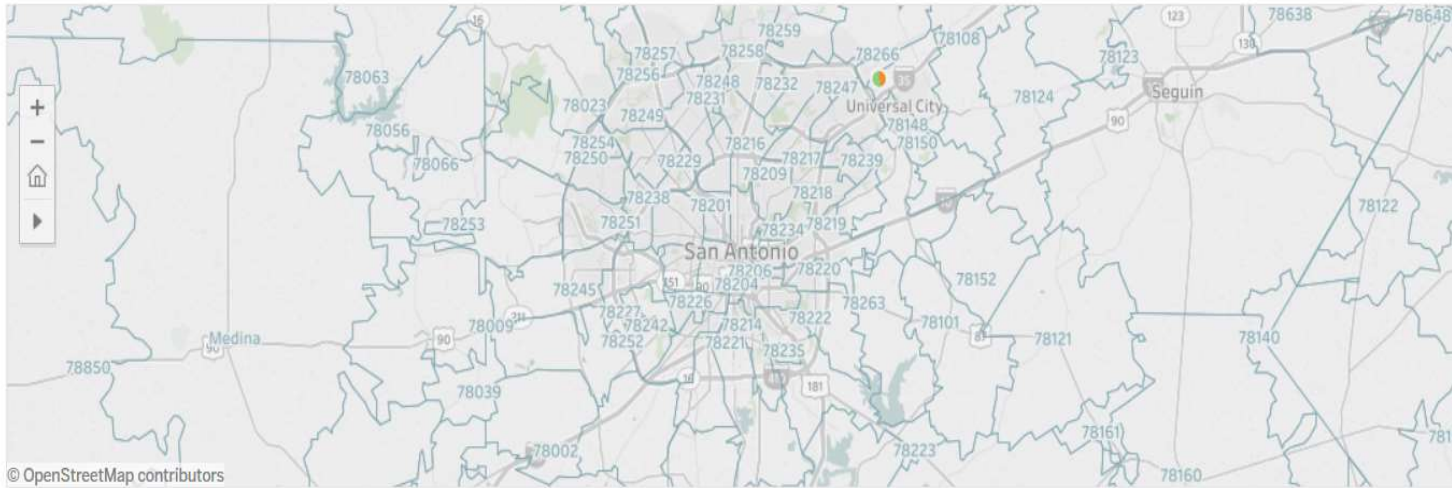


WIRELINER ATTACHMENTS

Attachment Owner

- AT&T/SBC
- Charter

Pole Attachments



Facility ID
 PL254

Attach Owner
 (All)

Pole Owner
 (All)
 CPS

List

Facility ID	Age	Pole Owner	Inspection Date	Attach Position	Attach Owner	Contact Person	Phone Number	Email Address
PL254	14	CPS	11/2/2016	1	Charter	Frank Cyprian	210-352-4312	frank.cyprian@charter.com
						Joel Gonzales	210-582-9357	Joel.Gonzales@charter.com
						Paul Edelen	210-352-4301	paul.edelen@charter.com
						Ricardo Valadez	210-352-4309	ricardo.valadez@charter.com
						Rick Grosso	210-582-9025	rick.grosso@charter.com
				2	AT&T/SBC	Phillip Austin-CIVIC	210-283-1839	pa1657@att.com

For questions regarding this dashboard please contact Dulia Rius ~ ddr rius@cpsenergy.com ~ 210.353.2078

Communication Fiber Placement



- **Wireline routes should follow existing CPS Energy pole lines**
- **Attachers shall place their fiber on the same side of the pole as CPS Energy Fiber**
 - Failure to do so, causes a safety issue for CPS Energy linemen that have to climb these poles
 - Attaching to the same side of the pole allow for a smoother transition when replacing poles



Communication Transfers and safety concerns



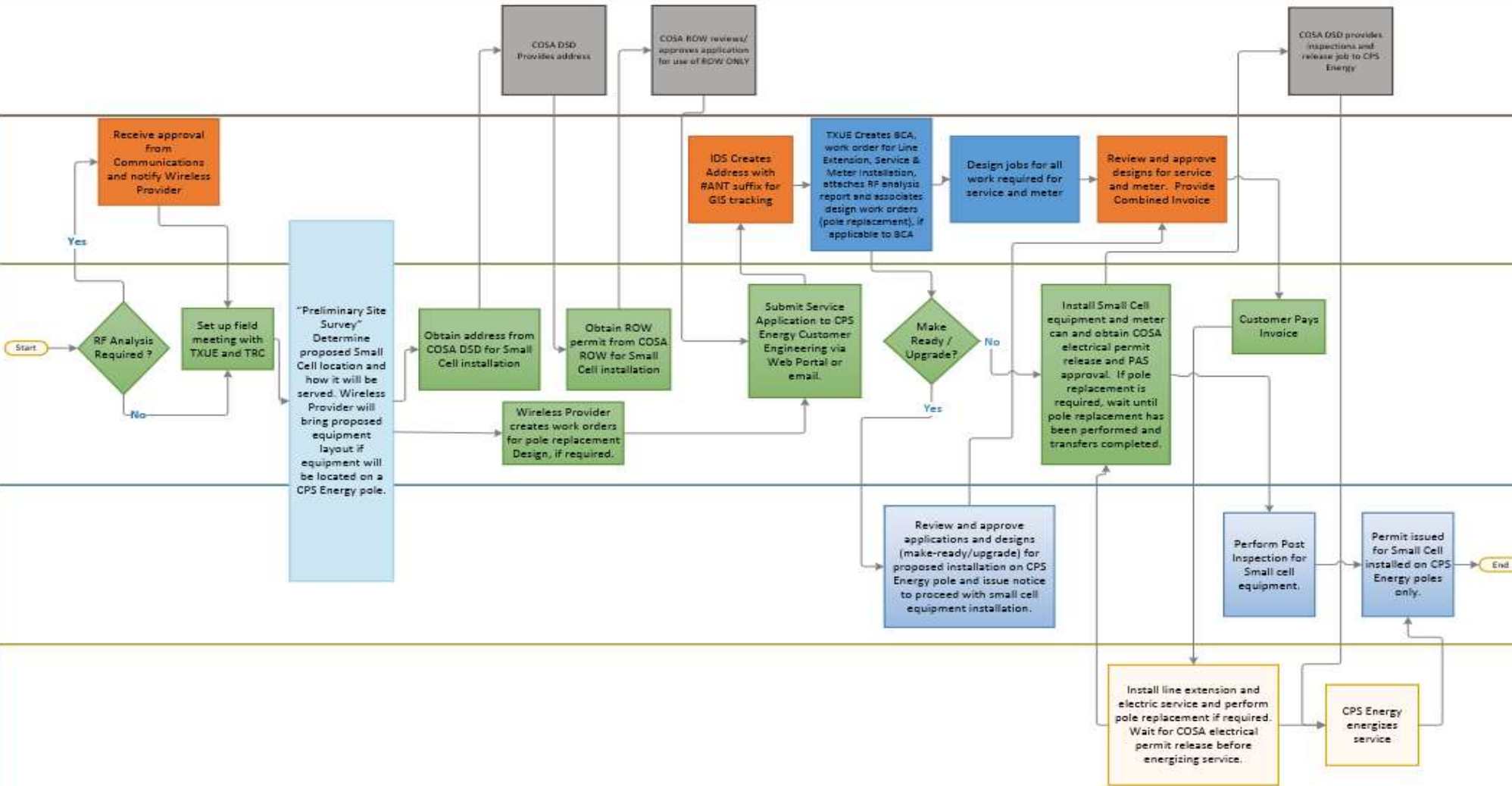
- CPS Energy continues to stress the importance of communication transfers
- CPS Energy receives numerous complaints per year regarding double wood and braced poles
- These issues pose huge safety concerns for CPS Energy
- The low hanging pictured to the right was reported to CPS Energy Senior Vice President by a customer



WIRELESS ATTACHMENTS

Wireless Installation: CPS Energy Pole

COSA ROW Dept. Development Services Dept.
 CPS Energy Customer Engineering
 Wireless Provider
 CPS Energy Pole Attachment Services
 Construction



Mock up requirements

- **Mock ups is a requirement for each type of installation and for any additional equipment being proposed to an existing approved installation**
- **Wireless antenna installations must mirror the approved mock up installation or will be rejected**



Team 1 Small Cell Mock-Up Installations For CMRS Radios – May 2022



CPS Wood Pole



Valmont Decorative
Streetlight



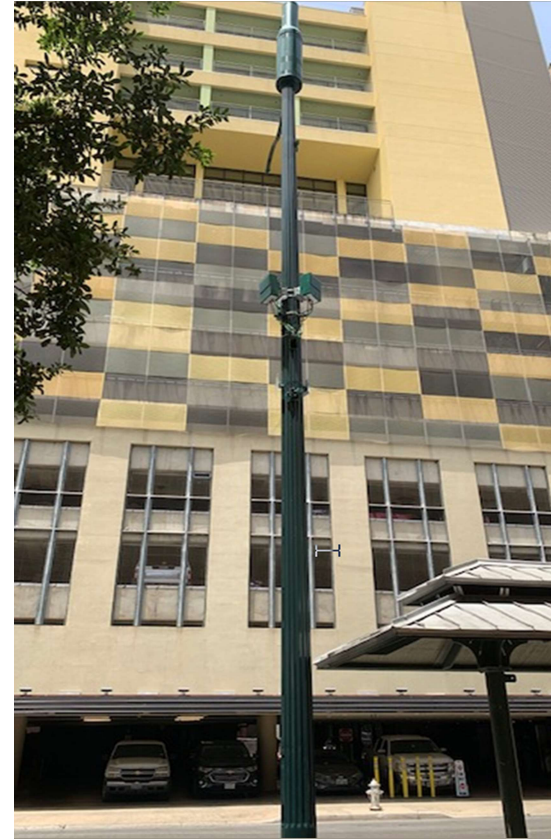
Valmont Decorative
Streetlight



Team 2 Small Cell Mock-Up Installations For 5G Radios – May 2022



Valmont Decorative Streetlight



Valmont Decorative Streetlight

Team 3 Small Cell Mock-Up Installations For 4G/5G radios – May 2022



CPS Wood Pole



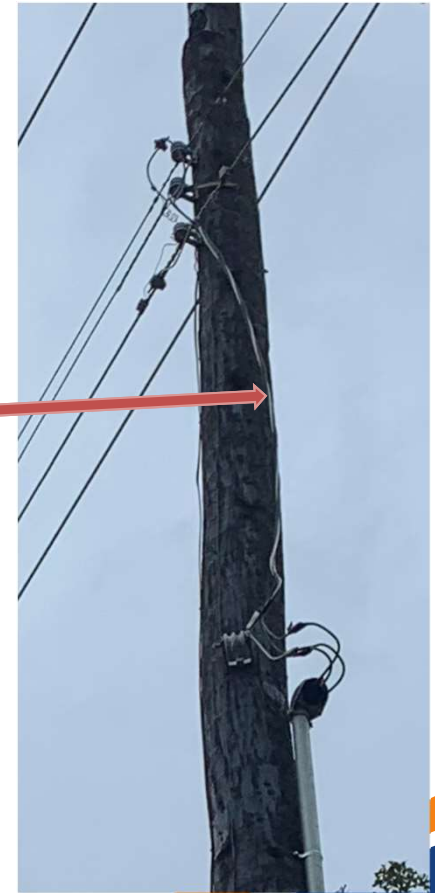
CPS Wood Pole



CPS Wood Pole

Wireless Antenna Installation Violations

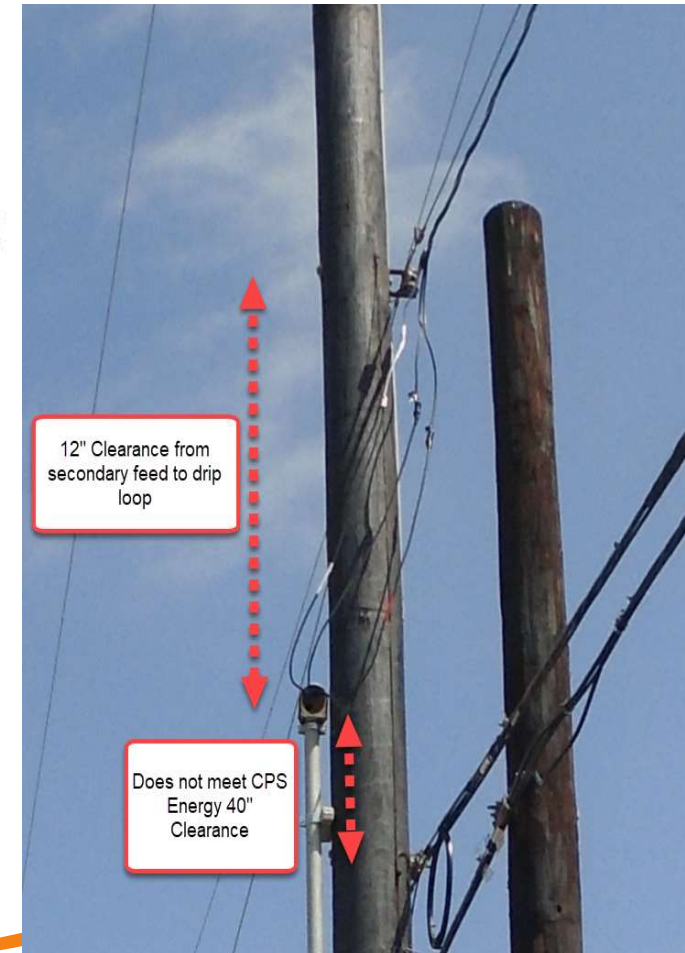
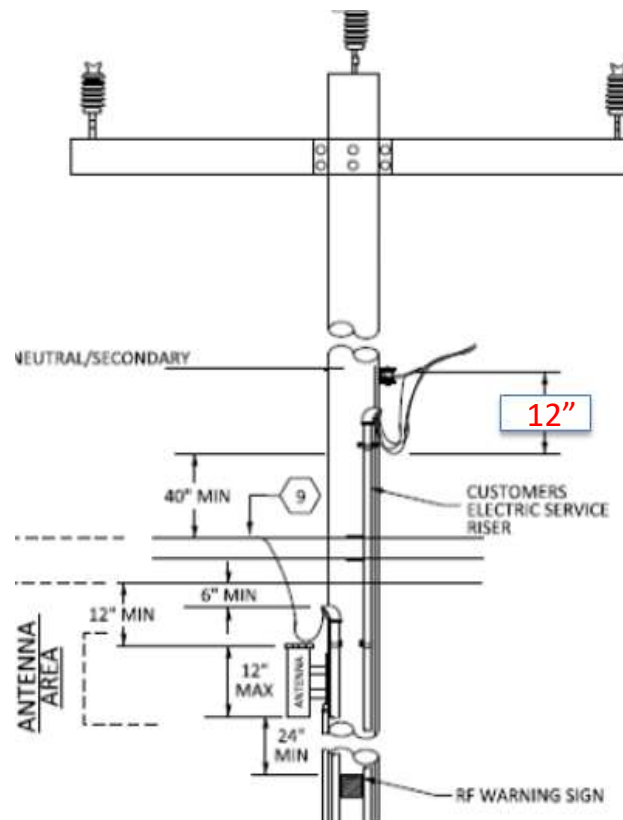
- EN Engineering and/or TRC are working with the wireless providers and customer engineering to start making the necessary adjustments on the weather head violations
- Clearance violations due to weather head installed too low
 - 40" clearance not met to the communication companies
- Communication companies fiber make ready needs to be done prior to the wireless antenna installation, using the one-touch process for simple transfers



Wireless Antenna Installation violations



- **Communication companies make ready not done, needs to be done prior to antenna installation**
- **Clearance violations due to weather head installed to low**
 - 40" clearance not met to the communication companies
- **Pole attachment services needs to do the post inspection before getting COSA DSD inspection to help keep cost and outages down**

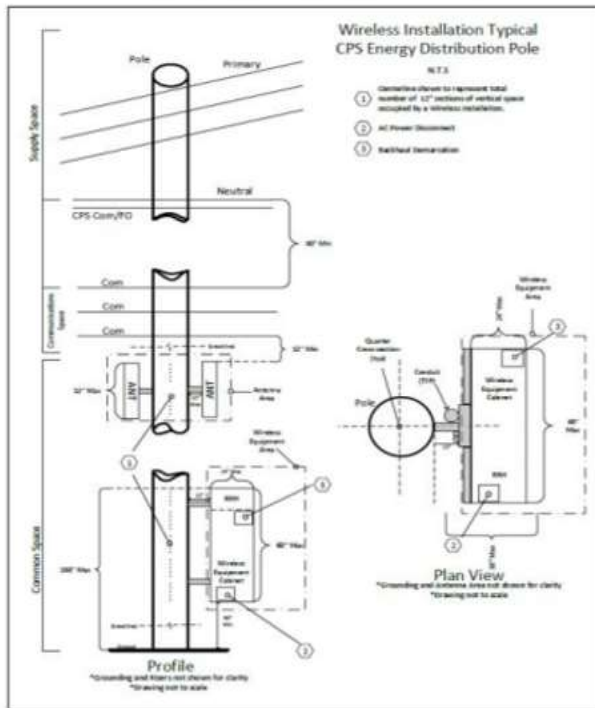


CPS Energy's Evolution in Design Drawings



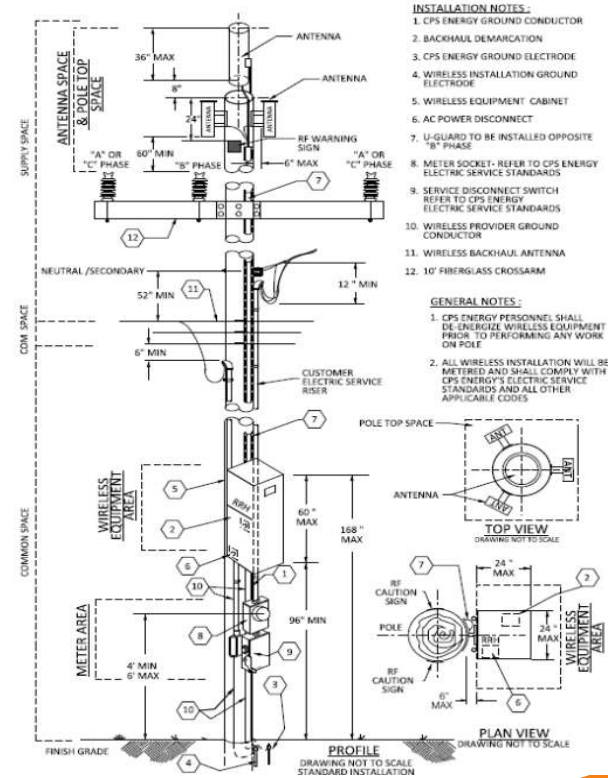
CPS Energy
Pole Attachment Standards

11: CPS Energy Typical Wireless Installation – Distribution Pole



Conceptual Standards

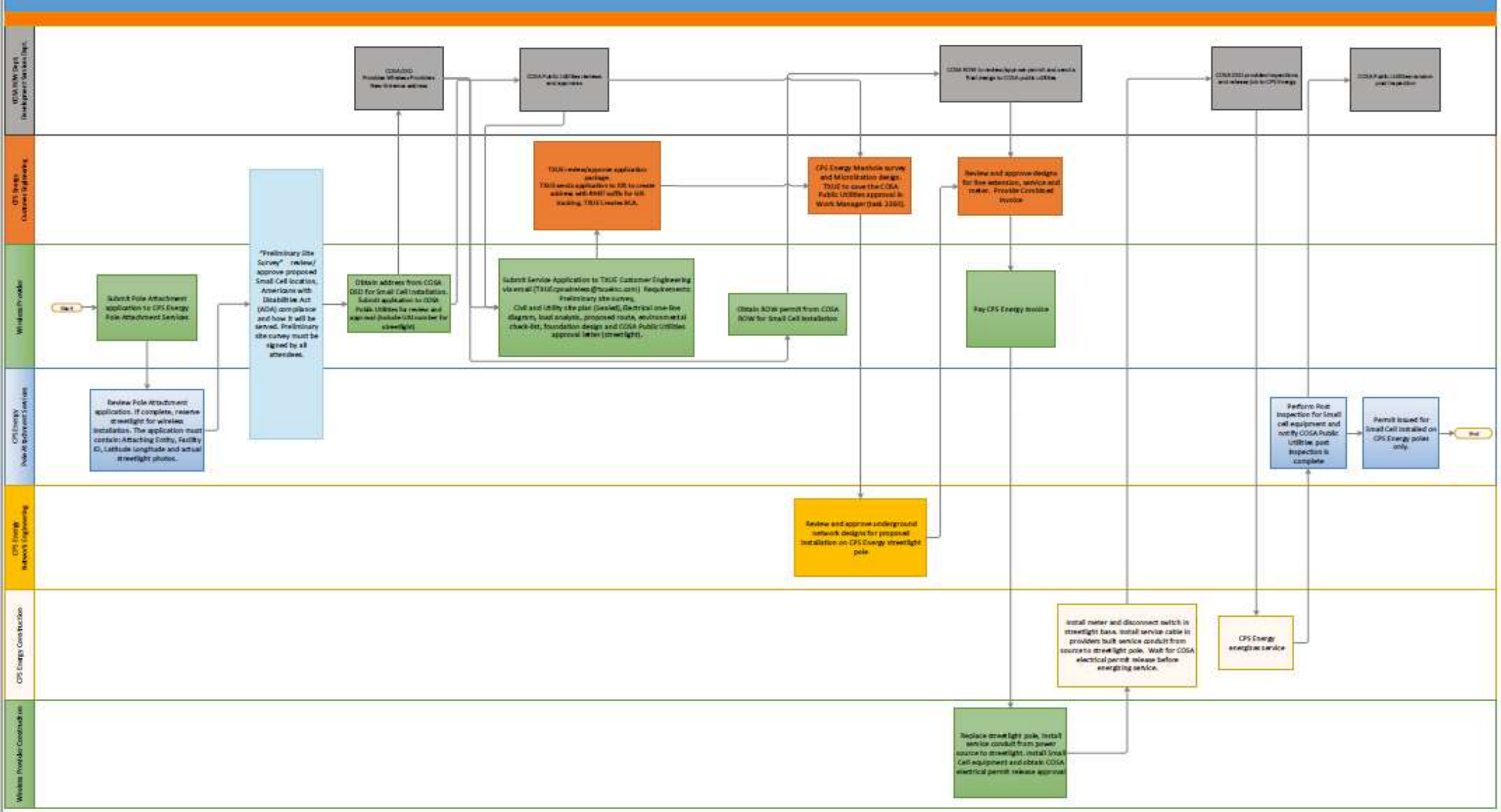
111: CPS Energy Wireless Antenna Installation – Pole Top Space (Combo) – Pole Mounted Equipment Cabinet



Engineering Specifications

DOWNTOWN DECORATIVE AND RESIDENTIAL STREETLIGHT UPDATE

Wireless Installation: CPS Energy Downtown Decorative Streetlight (9/18/2020)



Downtown Underground Fed Streetlights Update



Application Update – Submit any cancellation applications for downtown streetlight sites not needed anymore in order to invoice the correct amount of sites for the annual pole attachment invoices by July 31, 2022

Team 1 update

- Applications Submitted – 178

Team 2 update

- SApplications Submitted – 124

Team 3 update

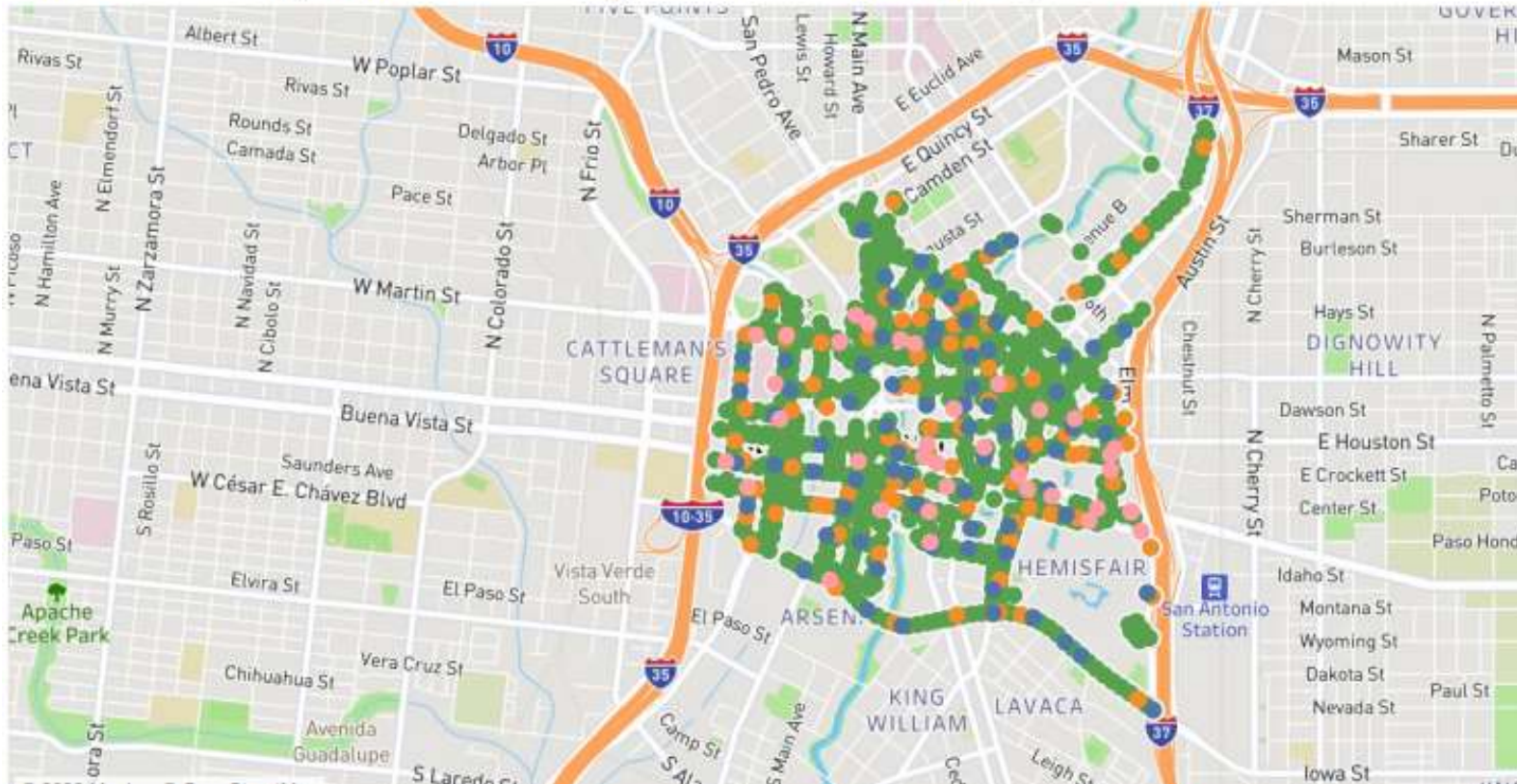
- Applications Submitted – 47



Dashboard for Downtown Streetlights



Downtown Underground FED Street Lights Refreshed on June 21, 2022



Residential Streetlights Update



Application Update – Submit any cancellation applications for residential streetlight sites not needed anymore in order to invoice the correct amount of sites for the annual pole attachment invoices by July 31, 2022

Team 1 update

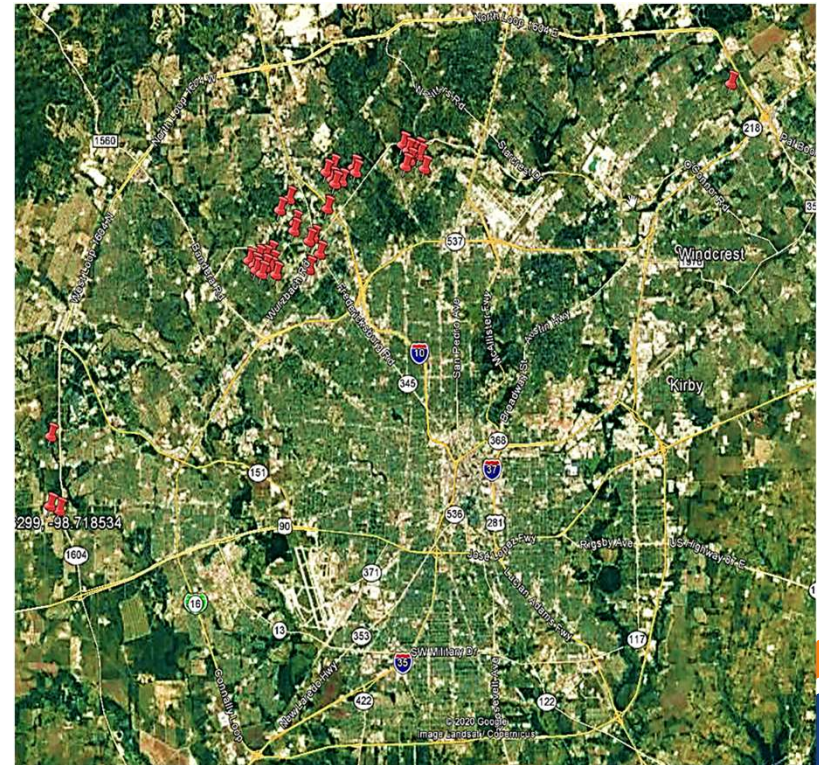
- Applications Submitted – 36

Team 2 update

- SApplications Submitted - 10

Team 3 update

- Applications Submitted – 0



BANNER ATTACHMENTS

Residential Streetlights Update

- We continue to work with Dixie Flags, internal and external customers on banner applications throughout the City of San Antonio and Suburban Cities
- Request include both the single and double banner installations



CUSTOMER ENGINEERING UPDATES

Customer Engineering Points of Contact



- Deborah Martinez is the new point of contact for CPS Energy customer engineering, she replaced Richard Rodriguez
 - Dgmartinez@cpsenergy.com
- Gerald De La O and Ben Garrett are the points of contact for any service and metering and customer engineering site-walks for both Downtown and Residential streetlights
 - gdelao@txue-inc.com
 - Ben.Garrett@txue-inc.com

CPS Energy Customer Engineering Portal Website

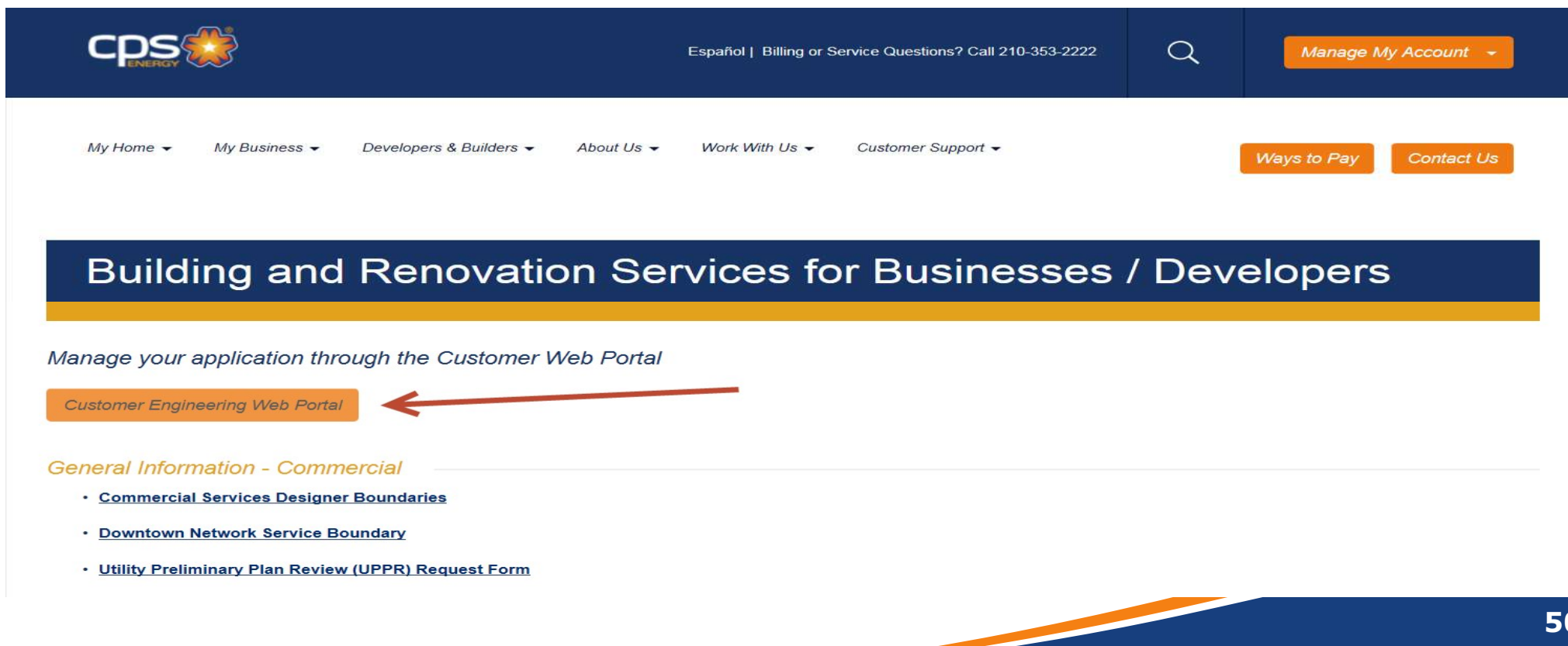


- Go to www.cpsenergy.com
- Click on Building & Renovation Svcs for Businesses/Developers

A screenshot of the CPS Energy Customer Engineering Portal website. The top navigation bar is dark blue with the CPS Energy logo on the left, the text "Español | Billing or Service Questions? Call 210-353-2222" in the center, and a search icon on the right. Below the navigation bar, there are several menu items: "My Home", "My Business", "Developers & Builders", "About Us", "Work With Us", and "Customer Support". The "Developers & Builders" menu is expanded, showing a list of services: "Business Customer Engineering", "New Infrastructure", "Distributed Generation", and "Safety on the Job". The "Business Customer Engineering" service is highlighted, and a sub-menu is displayed with the following options: "Building & Renovation Svcs for Businesses/Developers", "Building & Renovation Svcs for Homeowners/Builders", and "Pole Attachment Services". A red arrow points to the "Building & Renovation Svcs for Homeowners/Builders" option. To the right of the menu, there are two orange buttons: "Ways to Pay" and "Contact Us". Below the menu, there is a "Manage My Account" section with input fields for "Username" and "Password", a "Log In" button, and links for "Enroll My Account" and "Forgot Password?". At the bottom, there is a banner for "THERMOSTAT REWARDS" with the text "for your Business or Home" and "Learn More".

Web Portal Overview


- Click on Customer Engineering Web Portal



The screenshot shows the CPS Energy website header with the logo, language options, and a search icon. Below the header is a navigation menu with links for My Home, My Business, Developers & Builders, About Us, Work With Us, and Customer Support. There are also buttons for Ways to Pay and Contact Us. A large blue banner reads "Building and Renovation Services for Businesses / Developers". Below this banner, the text "Manage your application through the Customer Web Portal" is displayed. A red arrow points to the "Customer Engineering Web Portal" link in the navigation menu. Below the link, there is a section titled "General Information - Commercial" with a list of links: Commercial Services Designer Boundaries, Downtown Network Service Boundary, and Utility Preliminary Plan Review (UPPR) Request Form.

Web Portal Overview

- Check Work Request Status (No login required)


Customer Engineering: Call (210) 353-4050 (7:30am-4pm M-F)

👤

🔑

SIGN IN ➔

Forgot Username/Password?
Contact Customer Engineering

Customer Engineering Web Portal

The fast, easy way for you to manage your work requests with CPS Energy!

Relevant Links

[Click Here to Enroll](#)

[Service Request Required Documents](#)

[Click Here to Pay Construction Invoices](#)

[Click Here to Check Project Work Status \(No login required\)](#)

Guides & Forms

[Customer Web Portal User Guide](#)


[Web Portal Authorization Form](#)

**** New Enhancements to Customer Web Portal ****

We are happy to announce the following easy-to-use features are now available to you through the CPS Energy website and the Customer Engineering Web Portal:

- * Gas Rough-In Process Improvement
- * CoSA Website Link
- * Public Project Status Webpage
- * Online Payments

If you experience technical issues or have questions, please call 210-353-2450 or email csifedback@cpsenergy.com.



For more information on our new enhancements, [click here](#).

If you're not completely satisfied with the service you are receiving from CPS Energy, we want to hear from you at 210-353-4001.

Web Portal Overview



For assistance, please call: (210) 353-4050 (7:30am-4pm M-F)

CPS Energy: Customer Engineering Work Status

Please select how you would like to lookup your work details. You may use the project number, a specific work request number or the street address on the project.

Search Type

Project Number

Work Request Number

Address

Provide the number associated to the specific work request you would like to view.

Work Request Number *:

40092696

Search

CPS Energy: Customer Engineering

Web Portal Overview



For assistance, please call: (210) 353-4050 (7:30am-4pm M-F)

CPS Energy: Customer Engineering Work Status

[← Back](#)

— Work Request (40092696) BOERNE STAGE RD SAN ANTONIO - In Design

Address: BOERNE STAGE RD SAN ANTONIO

Status: In Design

Work Request Details:

Name: CONTERRA APP U03022-4XX-1 - MAKE-READY

Type: UPGDG - Upgrades Gas

CPS Energy Contact:

Name: CARDEN, JOSH

Phone:

Email: DVJUSTET@CPSENERGY.COM

Customer Tasks

Description

Receive Customer Pre-Work Payment

Status

Not Started

Date/Date Range

06/28/2017 - 06/28/2017

CPS Energy Tasks

Description

Approve Work Request

Schedule Work

Status

Not Started

Not Started

Date/Date Range

06/28/2017 - 06/28/2017

06/28/2017 - 06/28/2017

CPS Energy: Customer Engineering

Announcements

- **CPS Energy will be conducting the pole attachment inventory project in early 2023**
- **Next quarterly meetings are scheduled for September 22, 2022 and December 1, 2022**
- **Pole attachment services will be posting a position for a project/program manager in next few weeks**

Any Questions?





Thank You

