



# Washoe County Regional Communication System

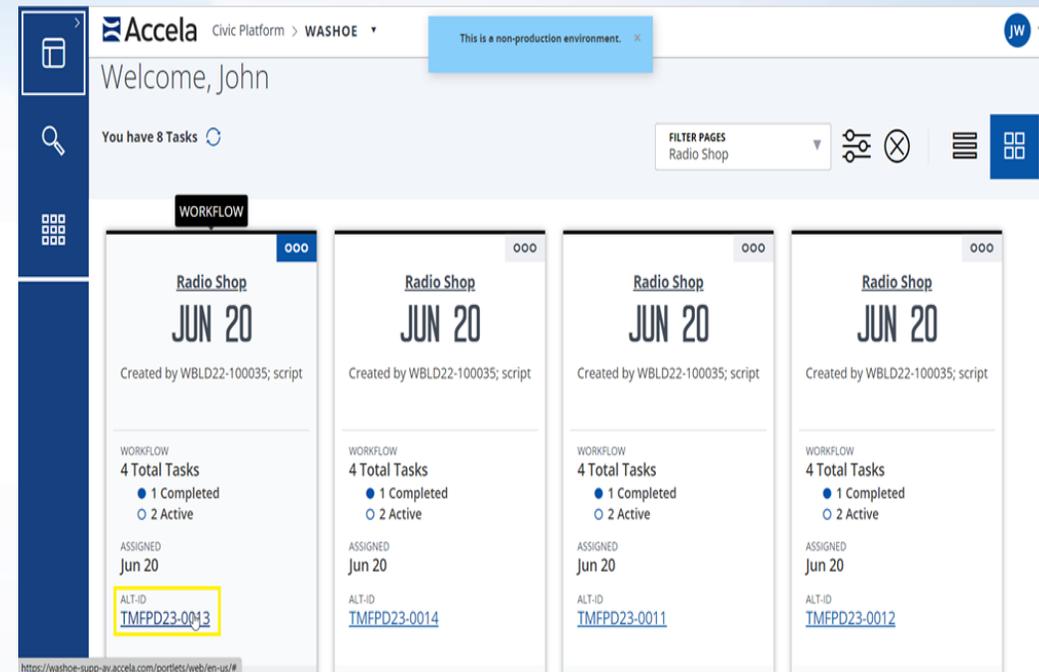
800 MHz Users Group,  
20 June 2024

- Agenda
  - Call to Order
  - Instructions on Public Comment
  - Public Comment
  - Approval of Minutes
  - **In-Building Coverage Infrastructure**
  - **WCRCS Fox Mountain Replacement Installation costs**
  - **LID**
  - **System Status Update**
  - **WCRCS Infrastructure maintenance and Replacement Update**



# In-Building Coverage Update

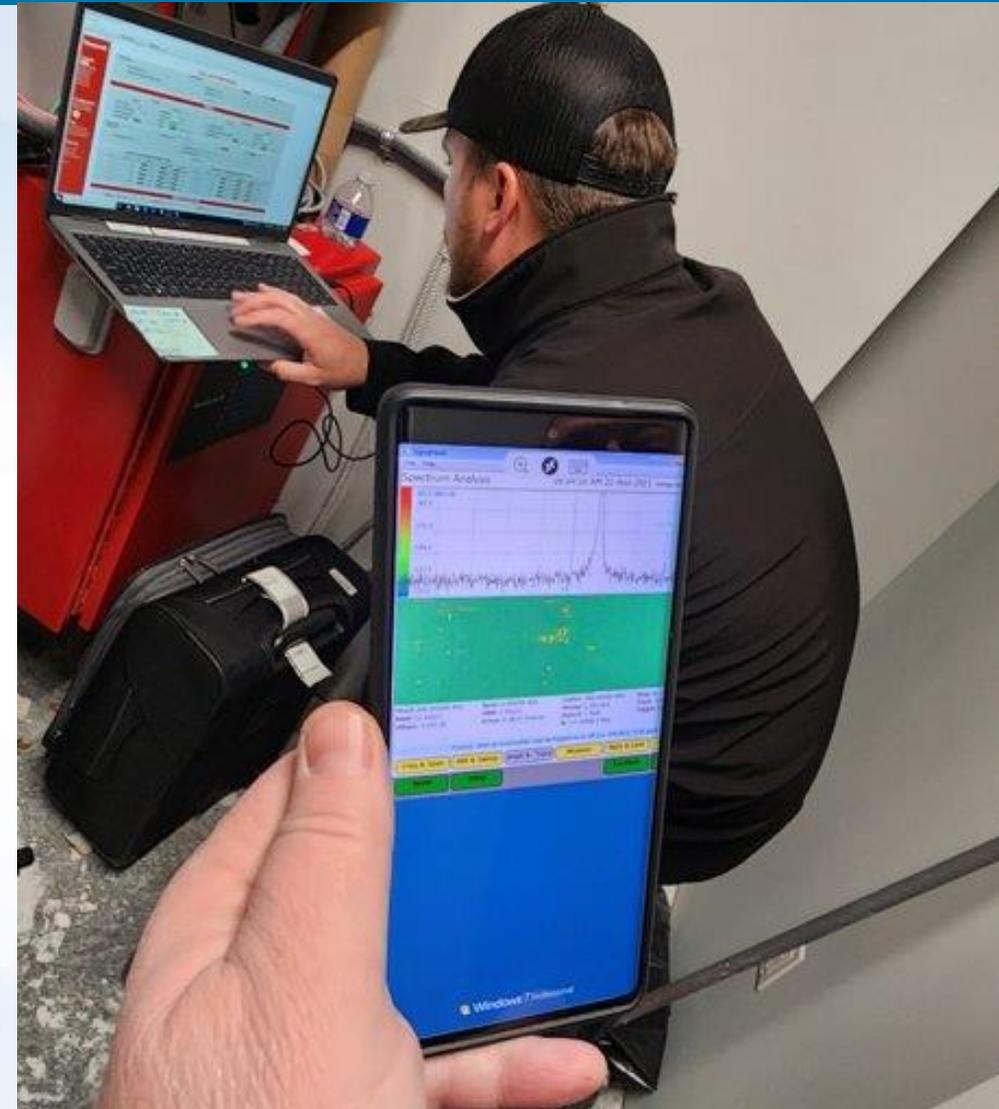
- WCRCS teamed up with WC Tech Services to Create a process within ACCELA that would create a workflow for Radio Shop within the permitting process.
  - <https://aca-prod.accela.com/ONE/Welcome.aspx?culture=en-US>
- WCRCS is currently gathering information on charging a Fee for ERRCS plan review and inspections. Looking to model off the current process for building permits:
  - Three jurisdictions all different fee structures: City of Reno Fire, City of Sparks Fire, and Truckee Meadows Fire Protection district

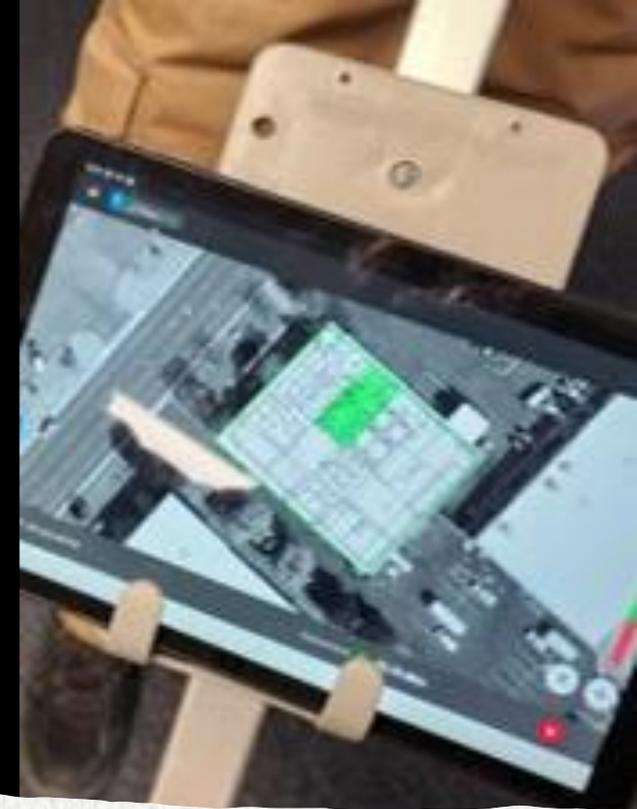
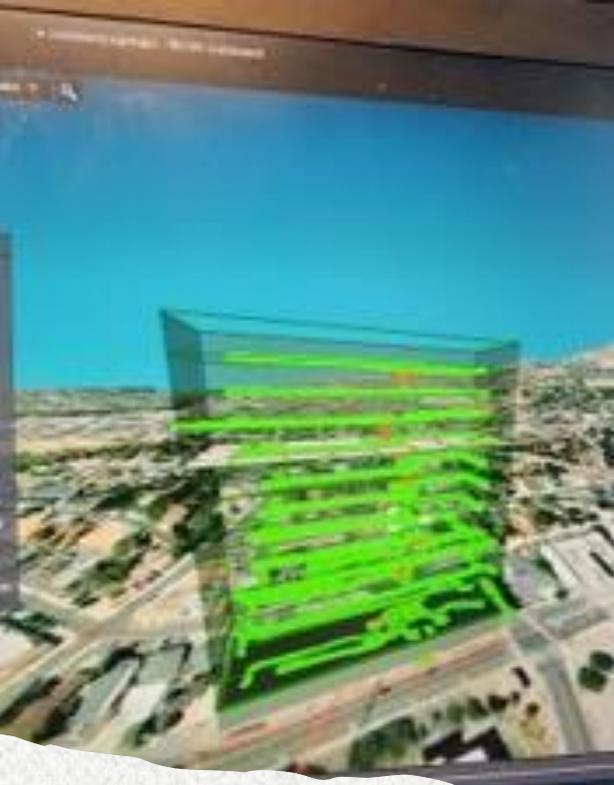


# In-Building Coverage Update



- WCRCS conducts various testing for BDA inspecting including checking RSSI within the Facility.
- Verifying the BDA doesn't add to the noise floor of existing sites (as shown in picture).
- Testing the Donor Antenna Isolation.
- Verifying that Radio communications works throughout the building.





## In-Building Coverage Update

# In-Building Coverage Update



- Fire Teams throughout Northern Nevada have been meeting to review IFC 510 Codes for 2024, to adopt a standard.
- Within this revision of IFC; The 510 Code acknowledges NFPA 1225, as the standard for Emergency Responders Radio Communication Systems (ERRCS)
- WCRCS has been working with Fire teams to adopt the new code standards, and will be implementing IFC 510 2024, & NFPA 1225 for all in building systems.
  - Current test plans reflect these codes.
  - This code supports the health and safety of Public Safety Radio systems.
  - As the code gets officially adopted in each region, accelera permitting will also reflect the adopted codes.



# WCRCs Fox Mountain Replacement Installation costs



2995 Mill St. Reno, Nevada 89502 (775)762-9550

05/22/2024

Washoe County  
Attn: John  
(775) 741-5282  
jbyerly@washoecounty.us

<b>Step 1:</b> Fox Peak Old Generator Removal (15 KW Generac Generator)	
Removal Amount Not To Exceed:	\$ 4,500.00
<b>Step 2:</b> Fox Peak Automatic Transfer Switch Replacement (100 Amp Asco ATS)	
Replacement Amount Not To Exceed:	\$ 6,000.00
<b>Step 3:</b> Fox Peak New Generator Installation (30 KW Blue Star Generator)	
Installation Amount Not To Exceed:	\$17,500.00
Start-up and Commissioning (New ATS and Gen)	\$ 1,300.00
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	<b>Total \$29,300.00</b>

# LID Update



- Remaining LIS: 29
- Remaining LIDS: 98
  - Pending requests to be Issued
    - REMSA requesting (8) LIDS\*
    - TMFPD (15)
  - Donations
    - 90 Possible LIDs to be donated by TMWA\*\* to join
- If you need LIDs please email [WCRCS@washoecounty.gov](mailto:WCRCS@washoecounty.gov) and my team will review your request- please provide an explanation of critical need. Thank you!
- Radio Counts: (92.4%)
  - Washoe County has purchased 4,712 Radios out

# System Status Update

- Tahoe Simulcast Interruptions
  - Tahoe Simulcast running on IP Tube as Slide Dish is out of service, This link is being replaced in September.
  - Spectrum service & repair outages have caused various outages this spring.
  - Cabinet installation will help facilitate new microwave equipment installation.
- Troubleshooting Interference on TM Dispatch



# WCRCs Infrastructure Maintenance and Replacement Update

- Tower inspections
  - Virginia Peak P25 Antenna needed adjustment by L3Harris
  - Peavine Peak P25 Antenna needed adjustments by L3Harris
  - Slide P25 Antenna needs adjustments by L3Harris
- Radio maintenance & alignments
  - Fox Mountain (On-going)
  - WC Metro (Red Peak & Peavine Peak)
  - Marble Bluff
- Security camera software Updated
  - Cameras purchased for Cold Springs, Ophir, Marble Bluff
- HVAC
  - Virginia Peak HVAC Installation scheduled for June 20<sup>th</sup> through 21<sup>st</sup>
  - Peavine still waiting on AC units.
  - Installed Fan & louver waiting for AC Units.
  - Slide HVAC Failing (NEEDS REPLACEMENT\*)





# Questions & Concerns?

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Thank you