



Washoe County Regional Communication System

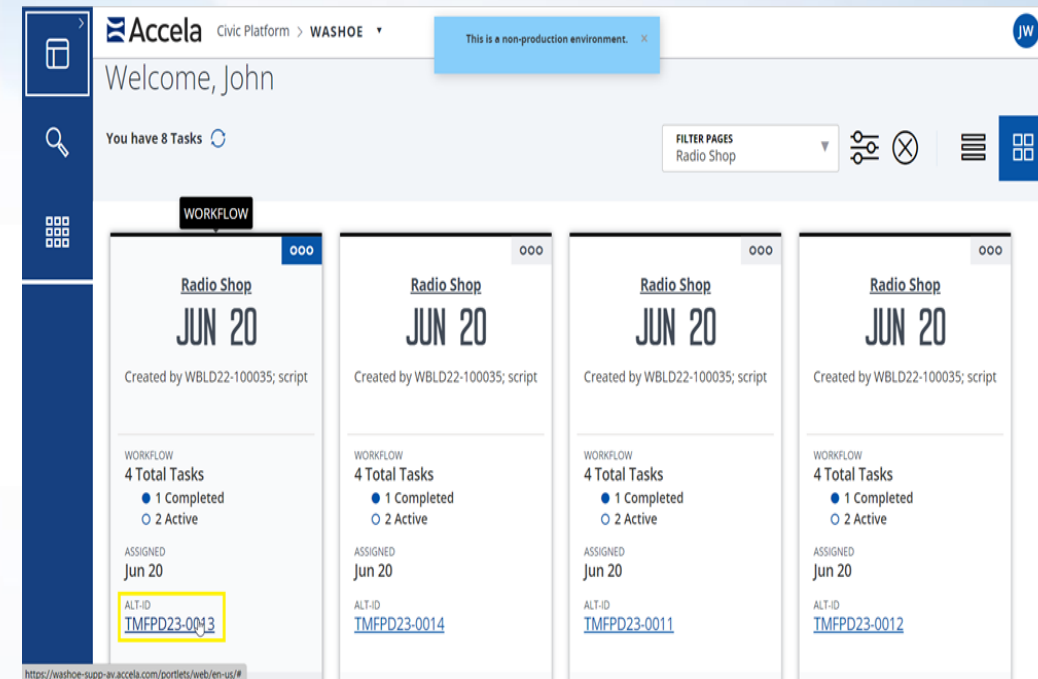
800 MHz Users Group,
20 June 2024

- 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



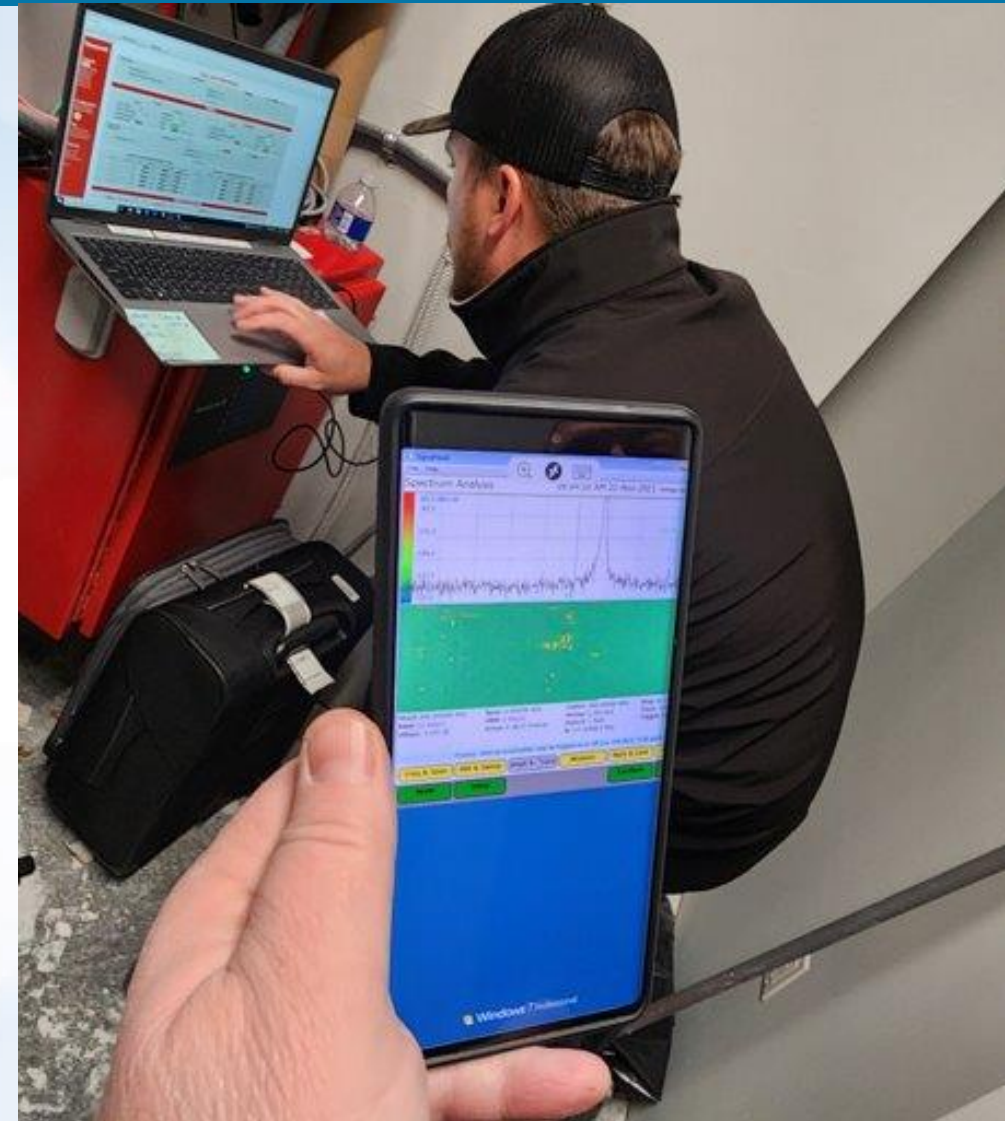
- WCRCS teamed up with WC Tech Services to Create a process within ACCELA that would create a workflow for Radio Shop within the permitting process.
 - <https://aca-prod.accela.com/ONE/Welcome.aspx?culture=en-US>
- WCRCS is currently gathering information on charging a Fee for ERRCS plan review and inspections. 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

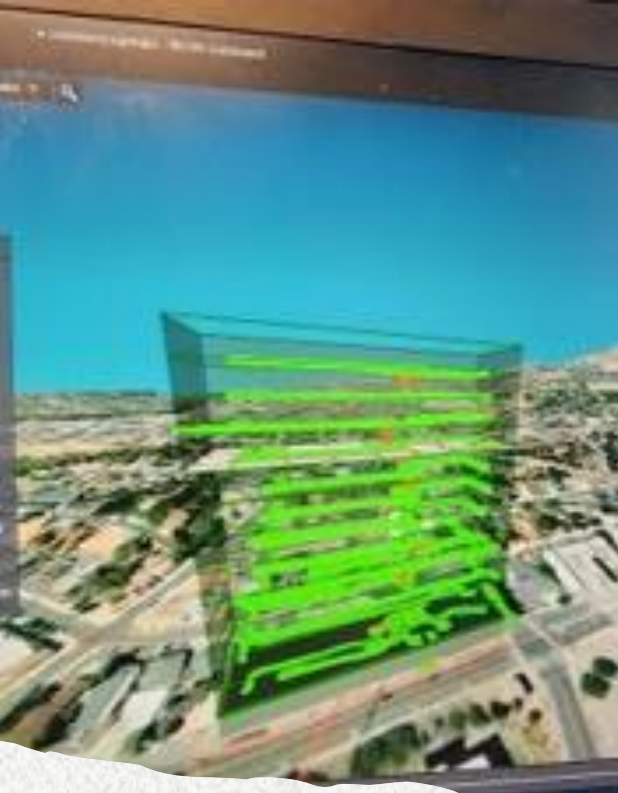


In-Building Coverage Update



- 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

Step 1:

Fox Peak Old Generator Removal (15 KW Generac Generator)
Removal Amount Not To Exceed: \$ 4,500.00

Step 2:

Fox Peak Automatic Transfer Switch Replacement (100 Amp Asco ATS)
Replacement Amount Not To Exceed: \$ 6,000.00

Step 3:

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

Total \$29,300.00

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 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 20th through 21st
 - Peavine still waiting on AC units.
 - Installed Fan & louver waiting for AC Units.
 - Slide HVAC Failing (NEEDS REPLACEMENT*)





Questions & Concerns?

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Reno, NV 89502
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Thank you