



Final Presentation 12/9/21

# P25 TAC Agenda

December 9<sup>th</sup>, 2021





Final Presentation 12/9/21

# Nevada Shared Radio System Update

Agenda Item #4





# Project Update- Fox Mountain

- Solar Installation at Fox Mountain
  - Installation started in October 18, 2021
  - Completed December 3<sup>rd</sup>, 2021
  - Training Conducted on site December 1st





# P25 Project Update

- Detailed Design Review completed in July 2021
- Microwave Installations
  - Microwave Design Package review approved November 2021
  - Microwave System Shipping April 20<sup>th</sup> – April 28, 2022
    - Inventory May 2, 2022
- Microwave Deployment 1 (EXPECT OUTAGES)
  - Spectrum to Edison 5/3/22-5/6/22 (Cinco De Mayo)\*
  - Spectrum to Red Peak 5/9/22-5/11/22
  - Ophir to Spectrum 5/12/22-5/16/22
  - Red Peak to Virginia Peak 5/17/22-5/20/22
  - Virginia Peak to Peavine 5/23/22-5/25/22
  - Peavine to Cold Spring 5/26/22-5/31/22 (Memorial day)\*
  - Peavine to Sparks Dispatch 6/2/22-6/7/22
  - Virginia Peak to Marble Bluff 6/8/22-6/13/22
  - Marble Bluff to Poito 6/14/22-6/16/22
  - Poito to Fox 6/17/22-6/21/22 (Juneteenth)\*
  - Fox to Virginia peak 6/22/22-6/27/22



# P25 Project Update

- Microwave Deployment 2 (Expect Outages)
  - Incline to Snowflake 8/9/22-8/12/22
  - Snowflake to Biltmore 8/15/22-8/17/22
  - Slide to Mt Rose 8/18/22-8/23/22
  - Slide to Ophir 8/24/22-9/21/22
- Microwave Deployment 3 (Expect Outages)
  - Peavine to Red Rock 7/11/23-7/14/23
  - Red Peak to Smokey Quartz 7/5/23-7/10/23
  - Yellow Peak to Fox Mountain 7/17/23-7/20/23
- Microwave backhaul testing
  - 7/21/23-8/21/23





# Project Update

- P25 Implementations

- Metro RF Sites

(May 2022-October 2022)

- Peavine (5/2022-9/2022)
    - Virginia Peak (5/2022- 10/2022)

- Tahoe Basin RF Sites

(March 2022-February 2023)

- Biltmore (6/2022-1/2023)\*
      - Biltmore Casino is engaged in their own construction for Boulder Bay redevelopment project.
      - Current contract with Incline Village General Improvement District (IVGID) allows for us to build a 170 Sq ft Building on the Watertank APN, Site Survey 28 July.
      - Possibility to work with another Casino for Roof access and Room access.
      - Team is investigating all 3 options At this time.
    - Snowflake (3/2022 -1/2023)
      - Need conduit installed in Spring cost \$23,120.00
    - Slide (8/2022-2/2023)
    - Mt Rose (8/2022- 1/2023)

- Northern Washoe RF Sites

(March 2022- December 2022)

- Poito (6/2022- 11/22)
    - Fox (6/2021-11/22)
    - Marble Bluff (11/2021- 9/22) Contracted Premier Services and Plenum Builders to build new tower at Marble Bluff. Structural is 230% overloaded working with Pyramid Lake Paiute Tribe.



# Project Update

- Washoe County Dispatch January 2022-February 2023
  - Airport (December 2022)
  - Sparks PD (December 2022-January 2023)
  - Washoe County Court Complex (October 2022)
  - Washoe County Detention (October 2022- November 2022)
  - WCRCS Radio Shop (Started\*)
  - Washoe County School District (November 2022)
  - Washoe County Sheriffs Office (January – February 2023)
  - Surveys have been conducted on some of the dispatch centers. Work to include upgrading all Dispatch consoles to Windows 10, as well as add information to cut over to new P25 System.
- **Radio shop will move into Building 224 Edison Way next to WCRCS Spring 2022 –Summer 2022 to make room for Harris to assist in radio personalities and mobile and portable deployment.**
- Fleet Mapping September 2022- October 2022
- Personality development October 2022- November 2022
- Programming November 2022- October 2023
- Mobile Installation November 2022- October 2023
  - **Agencies will want to make sure they purchase any mobile radios prior to this date in order to have mobile radios installed by Harris on site.**
  - **New portable radios should also be purchased in this time frame to make sure radios have the P25 “touch-up” programming completed. YOU ARE PAYING for “Touch up” with every purchase.**



# Project Update- **Training**

- Train-the-Trainer Program Training
  - System Admin Training August 2023
  - Radio Infrastructure Training September 2023- October 2023
  - Radio Subscriber Training October 2023
  - Console Configuration, O&M Training October 2023- November 2023
  - User Radio Equipment Training November 2023- December 2023
- On-line training Available now
  - (Please contact Melissa Lawney [mlawney@washoecounty.us](mailto:mlawney@washoecounty.us) for Usernames and Passwords for online training)
- Functional Testing May 2023- October 2023
- Coverage Testing August 2023- February 2024
- Region #2 Cut-Over March 2024
- Reliability Testing March 2024- June 2024





# Project Update

- Region 3-
  - DDR (January 2023 - March 2023)
  - Implementation (August 2023 - October 2023)
  - Subscribers (November 2023 - January 2025)
  - Acceptance Testing (April 2024 - March 2025)
  - Training (November 2024 - January 2025)
  - Reliability & System acceptance (April 2025 - July 2025)
- Members Acceptance
  - Region 1 (March 2024)
  - Region 2 (June 2024)
  - Region 3 (July 2025)
  - Contract Close (July 2025-October 2025)
    - This is when we lose NSRS funding into WCRCs



# Decommissioning

- Legacy Equipment Removal
  - Region 1 Decommissioning March 2024- October 2024
  - Region 2 Decommissioning May 2024- September 2024
  - Region 3 Decommissioning July 2025-June 2026
- Storage of Decommissioned Equipment June 2026



# Questions?

**Melissa Lawney**  
**[MLawney@washoecounty.us](mailto:MLawney@washoecounty.us)**  
**775-771-4241**  
**775-858-5952**









# P25 TAC Agenda

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Item 4 - Nevada Shared Radio System Update \*revised 12/9/21\*

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