



P25 JOC Agenda Item #5

Washoe County Regional Communication System
& P25 Updates and Schedule



Project Update

- Detailed Design Review (DDR) delayed
 - Has been finalized **July 2021**
- Grounding has been completed for a few sites.
 - Three sites are remaining and will be completed this summer by WCRCs.
- Microwave Installations **(Summer 2021–Summer 2023)**
 - Phase 1- (August- September 2021)
 - Edison, Spectrum, Ophir, Slide, Rose, Incline, Snowflake
 - Phase 2- (September- November 2021)
 - Sparks Dispatch, Peavine Peak , Virginia Peak, Cold Springs, Red Peak
 - Phase 3-(May 2022-June 2022)
 - Fox Mountain, Poito, Marble Bluff
 - Phase 4- (July 2022- June 2023)
 - Biltmore, Smokey Quartz, Red Rock, Yellow Peak, 49 Mountain



Project Update

- Solar Installation (Fall 2021-Fall 2022)
 - Fox Mountain (Fall 2021)
 - Yellow & Red Rock (Spring 2022 – Fall 2022)
- Greenfield Site builds
 - Northern Washoe site (June 2022-January 2023)
 - Red Rock(6/22-11/22) will provide radio coverage to Red Rock
 - Yellow(7/22-1/23) [Working with USFWS/BLM- Meeting July 21st to discuss application with USFWS](#) Will provide radio coverage to north of Gerlach, into Sheldon Nation Wildlife refuge
- Greater Reno-Sparks Green field Site (August 2021-October 2022)
 - Cold Springs(10/21-4/22) [NVE working power design, working on Special Use Permit](#) Will provide radio coverage along Hwy 395 North
 - Red Peak (8/21-3/22) [BLM registration number assigned, BLM has limited resources to process request.](#)
 - Smokey Quartz (6/22-10/22) [NVE Working power design, Working with City of Sparks on Administrative review.](#) Will provide radio coverage for city of Sparks, where coverage was limited.





Project Update

- P25 Implementations

- Metro RF Sites

(May 2022-August 2022)

- Peavine (May 2022- October 2022)
 - Virginia Peak (May 2022- August 2022)

- Tahoe Basin RF Sites

(June 2022-November 2022)

- Biltmore (June 2022-October 2022)* 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. Team is investigating all options.
 - Snowflake (June 2022-September 2022) Need grounding and conduit install this year.
 - Slide (June 2022-October 2022)
 - Mt Rose (August 2022- November 2022)

- Northern Washoe RF Sites

(March 2022- December 2022)

- Poito (August 2022- December 2022)
 - Fox (August 2022- December 2022)
 - Marble Bluff(March 2022- May 2022) Structural is 230% overloaded. Working on RFP and working with Pyramid Lake Paiute Tribe for permission to construct new tower.



Project Update

- Washoe County Dispatch January 2022-February 2023
 - Airport (October 2022)
 - Sparks PD (July-October 2022)
 - Washoe County Court Complex (October 2022)
 - Washoe County Detention (October 2022- November 2022)
 - WCRCS Radio Shop (November 2022- February 2023)
 - Washoe County School District (November 2022)
 - Washoe County Sheriffs Office (November- December 2022)
- IO Gateway (NDIP) December 2022- February 2023
- **Radio shop will move into Building 224 Edison Way next to WCRCS Winter 2021 to make room for Harris to assist in radio personalities and mobile and portable deployment.**
- Fleet Mapping October 2022- December 2022
- Personality development December 2022- January 2023
- Programming January 2023- March 2024
- Mobile Installation January 2023- March 2024
 - **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 August 2023- September 2023
 - Radio Subscriber Training September 2023
 - Console Configuration, O&M Training September 2023-October 2023
 - User Radio Equipment Training October 2023- November 2023
- On-line training Available now
 - (Please contact Melissa Lawney mlawney@washoecounty.us for Usernames and Passwords for online training)
- Functional Testing March 2023- September 2023
- Coverage Testing June 2023- January 2024
- Region #2 Cut-Over February 2024
- Reliability Testing February 2024- May 2024



Project Update

- Region 0- Transfer of Real Time Services
 - On July 20, 2021 @ 4am L3Harris and WCRCs team cut over to new servers as one of the many steps in cutting over to the New P25 System.
 - The new servers will also support the current P25 Washoe County radio system, all current and future Symphony consoles, the current and future UAC chassis (conventional radio interfaces), BeOn functionality, SR10A.1 and SR10A.4 logging recorders, and the current EDACS Migration Gateways.
 - P25 Registration began failing on existing P25 Radios. Currently Link Layer Authentication (LLA) has been turned off on Radios until the issues can be resolved on the L3Harris side.



Questions?

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