



# UCA Radio Division Update

“What have we done for you lately”

# Another year under the belt...

## Radio Projects

- ▶ Microwave upgrade statewide
- ▶ Statewide IP conversion to ready for p25 transport
- ▶ Fiber upgrade for UCA Core
- ▶ Network Wide Alarm System Upgrade
- ▶ Site Remediation



# Microwave Upgrade Project

- ▶ Core Connectivity
- ▶ State Office Building Demolition
- ▶ Sites Needing Additional Bandwidth



# Statewide IP conversion to ready for p25 transport

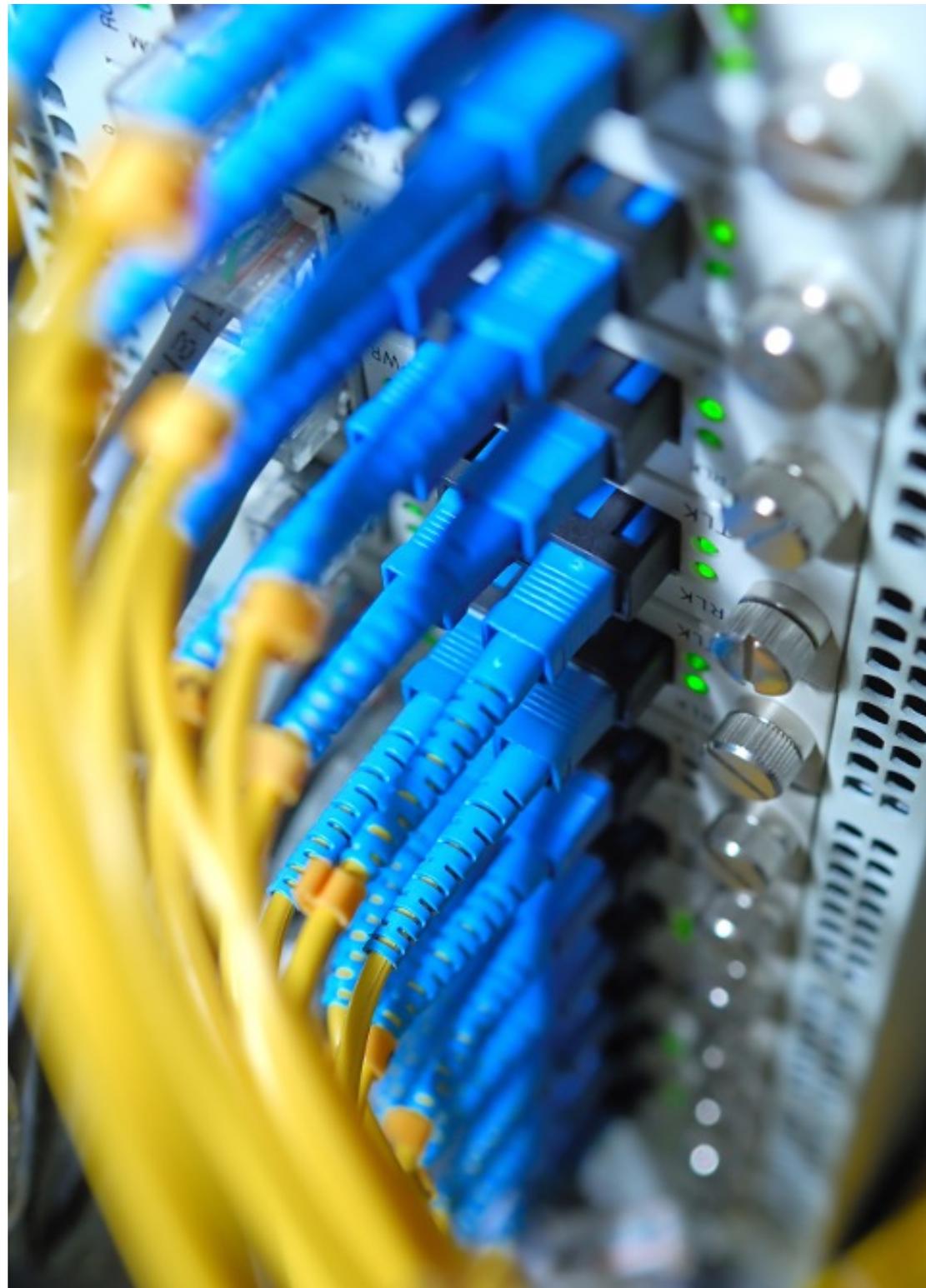
- ▶ Install Site Routers at Each Site and Core Location
- ▶ Create a Statewide IP Plan, Future Proof For Expansion
- ▶ MPLS Routing vs. Legacy TDM Ring Topology



# Fiber Upgrade for UCA Cores

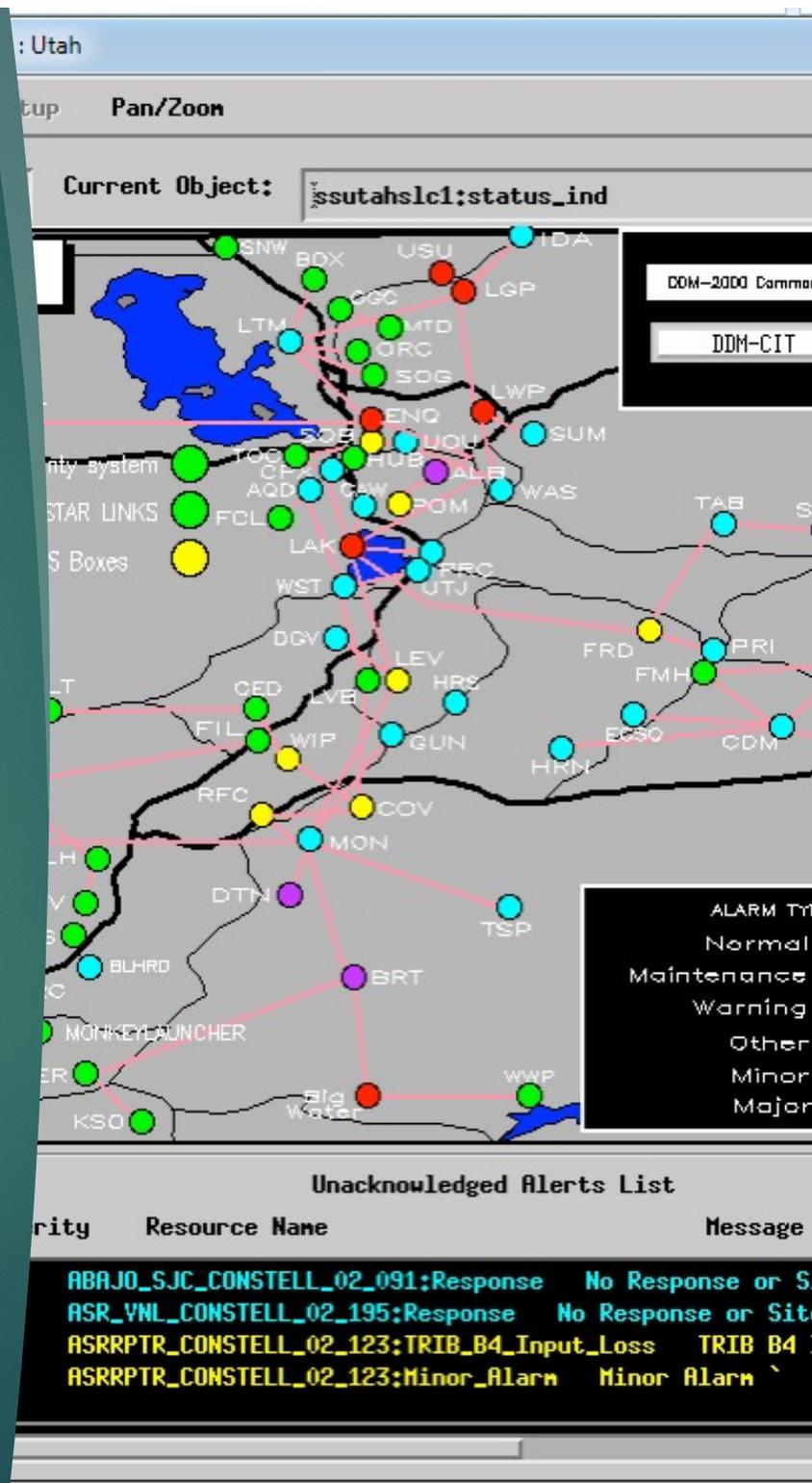
Redundant Ring Configuration

Scalable for Future Expansion



# Network Wide Alarm System Upgrade

- ▶ Combines Two Disparate Systems
- ▶ Allows for Legacy Equipment and New IP Equipment
- ▶ Easier Access for Technicians of Entire State View





# 2021 Site Remediation

What Does  
“Site  
Remediation”  
Mean?





When you think you are making progress.....



# UCA - Finding Ways To Increase Efficiency

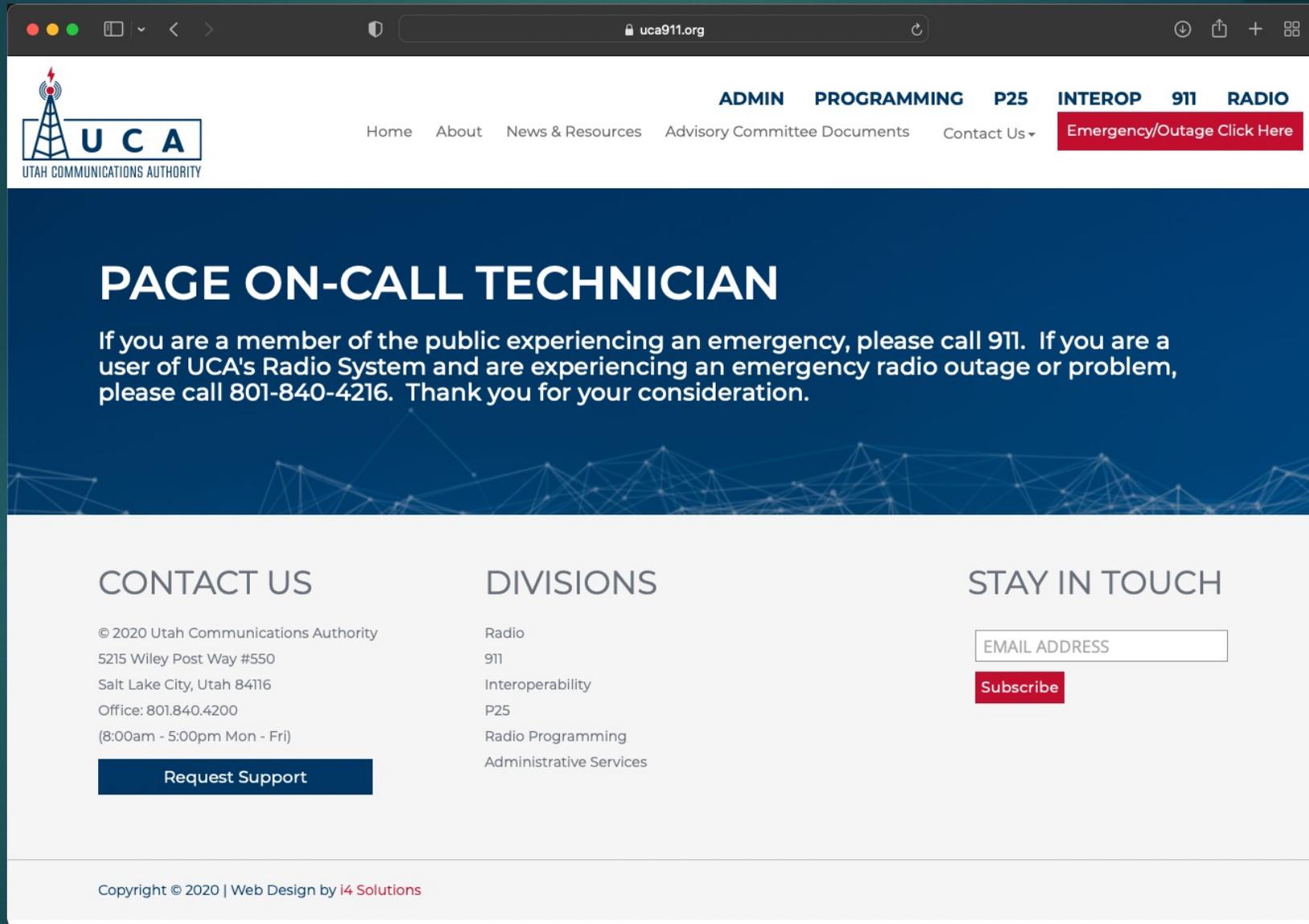




Keeping  
the lights  
on



# Page on-call technician



The screenshot shows a web browser window with the URL [uca911.org](http://uca911.org). The page features the UCA logo (Utah Communications Authority) and a navigation menu with links for ADMIN, PROGRAMMING, P25, INTEROP, 911, and RADIO. A prominent red button labeled "Emergency/Outage Click Here" is visible in the top right. The main content area has a dark blue background with the heading "PAGE ON-CALL TECHNICIAN" and a message: "If you are a member of the public experiencing an emergency, please call 911. If you are a user of UCA's Radio System and are experiencing an emergency radio outage or problem, please call 801-840-4216. Thank you for your consideration." Below this, the page is divided into three columns: "CONTACT US" with address and contact info, "DIVISIONS" listing Radio, 911, Interoperability, P25, Radio Programming, and Administrative Services, and "STAY IN TOUCH" with an email subscription form and a red "Subscribe" button. The footer contains copyright information for 2020 and credits to i4 Solutions for web design.

UCA  
UTAH COMMUNICATIONS AUTHORITY

ADMIN PROGRAMMING P25 INTEROP 911 RADIO  
Emergency/Outage Click Here

Home About News & Resources Advisory Committee Documents Contact Us

## PAGE ON-CALL TECHNICIAN

If you are a member of the public experiencing an emergency, please call 911. If you are a user of UCA's Radio System and are experiencing an emergency radio outage or problem, please call 801-840-4216. Thank you for your consideration.

### CONTACT US

© 2020 Utah Communications Authority  
5215 Wiley Post Way #550  
Salt Lake City, Utah 84116  
Office: 801.840.4200  
(8:00am - 5:00pm Mon - Fri)

[Request Support](#)

### DIVISIONS

- Radio
- 911
- Interoperability
- P25
- Radio Programming
- Administrative Services

### STAY IN TOUCH

EMAIL ADDRESS

[Subscribe](#)

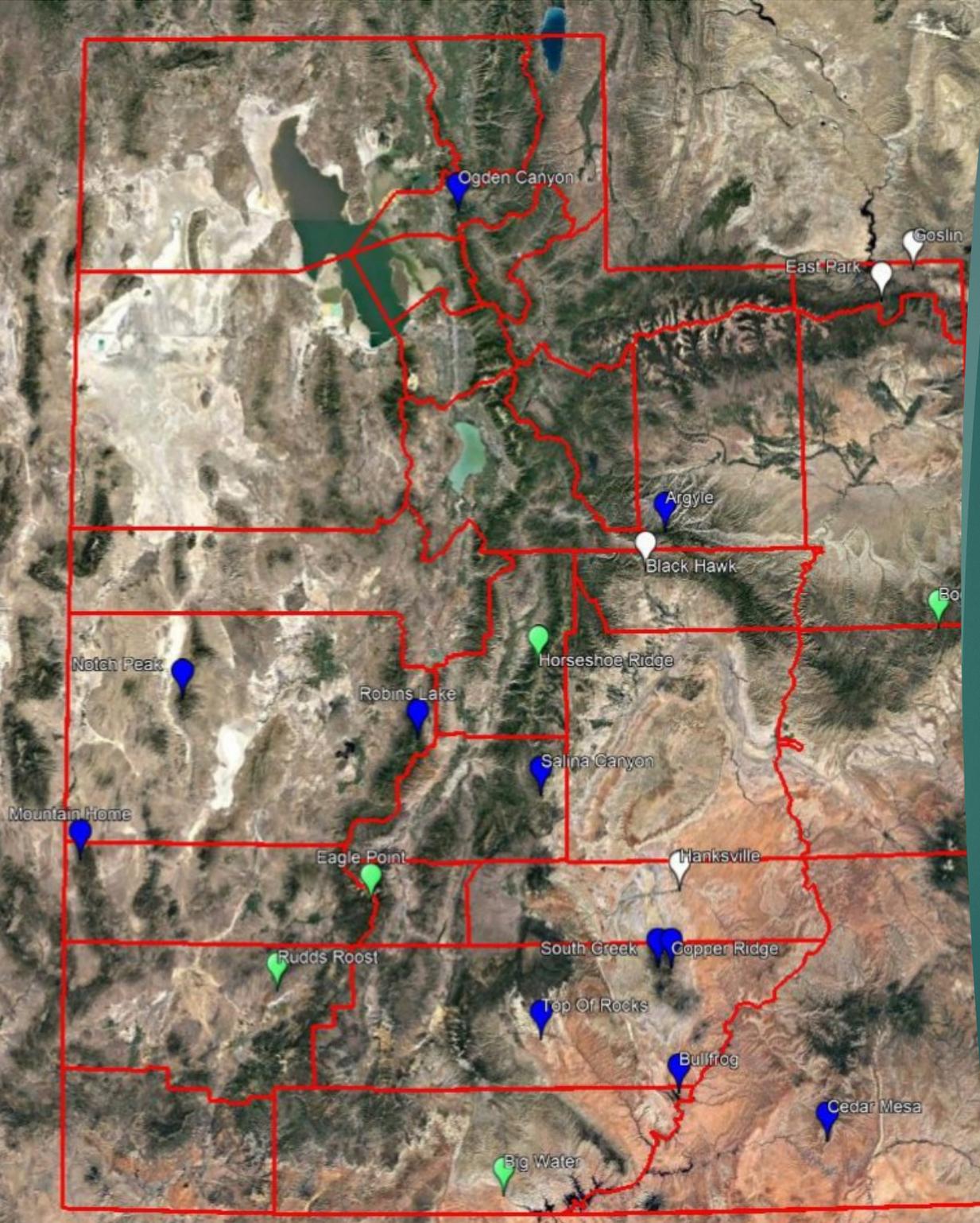
Copyright © 2020 | Web Design by [i4 Solutions](#)

# Site Builds in Progress 2021



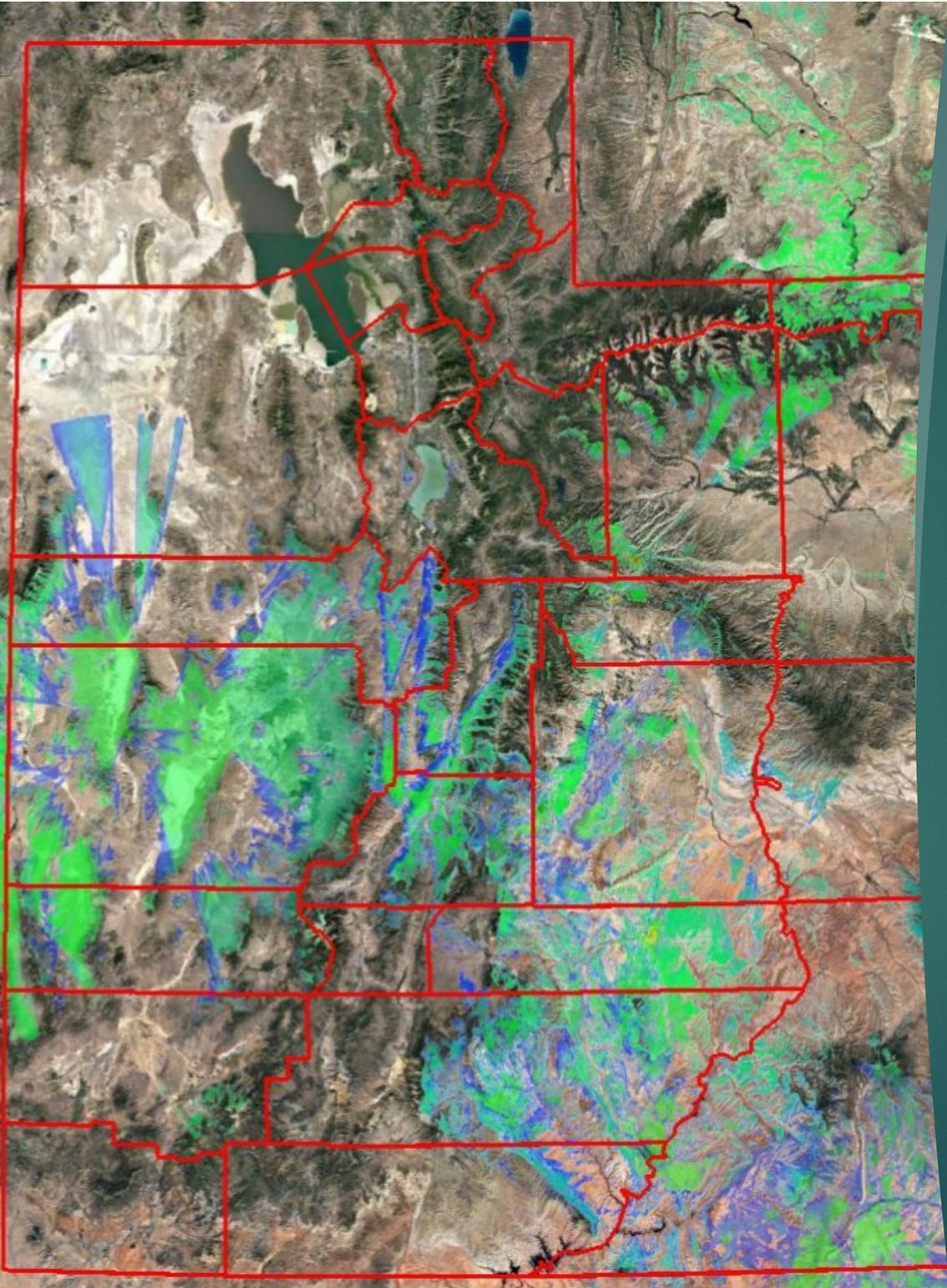
- ▶ Beaver Canyon (Eagle Point Ski resort) - Beaver
- ▶ Castle Gate - Carbon
- ▶ Hanksville – Wayne
- ▶ East Park – Daggett / Uintah

# Sites in Progress 2021



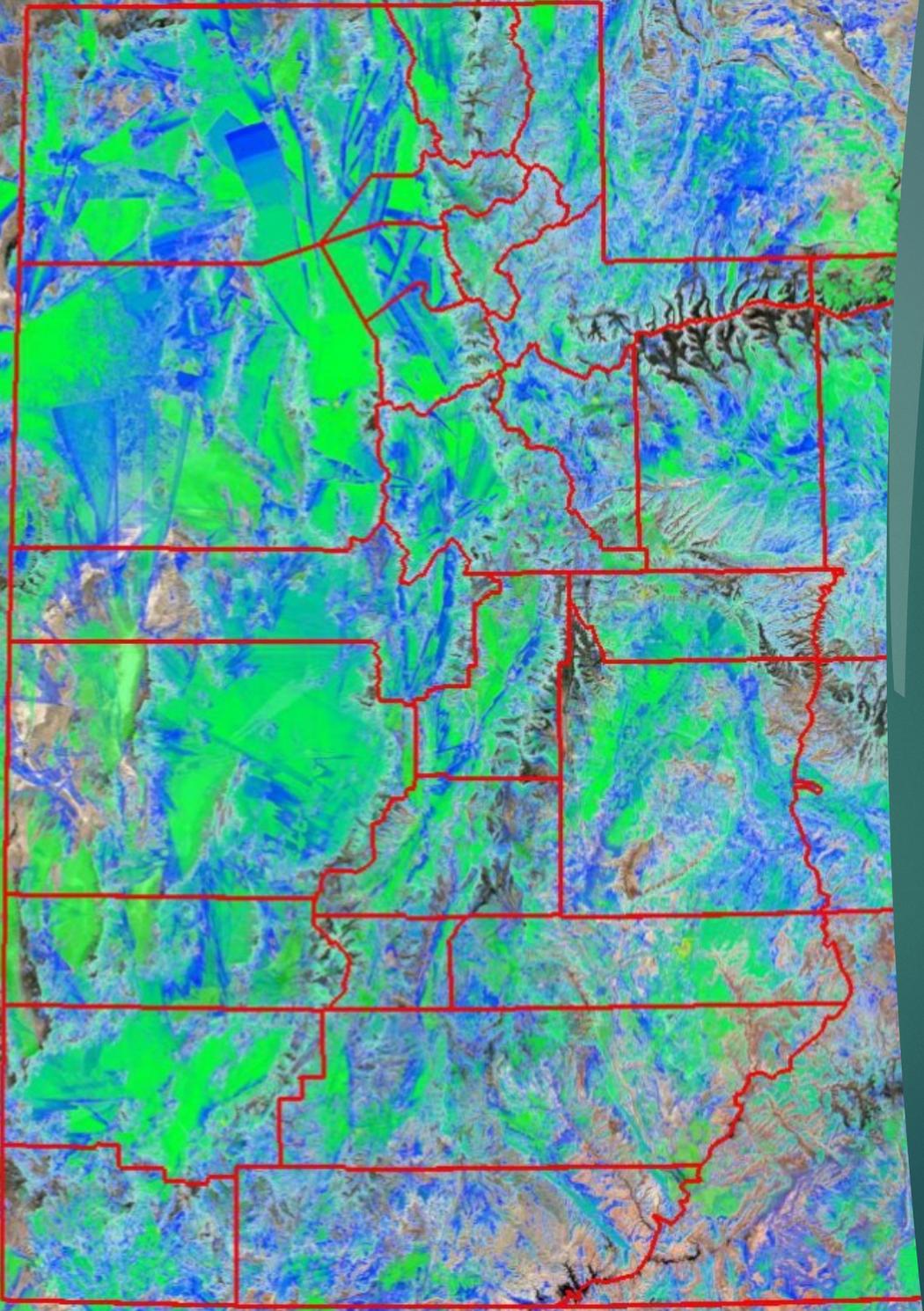


# Proposed Coverage





Completed  
Coverage

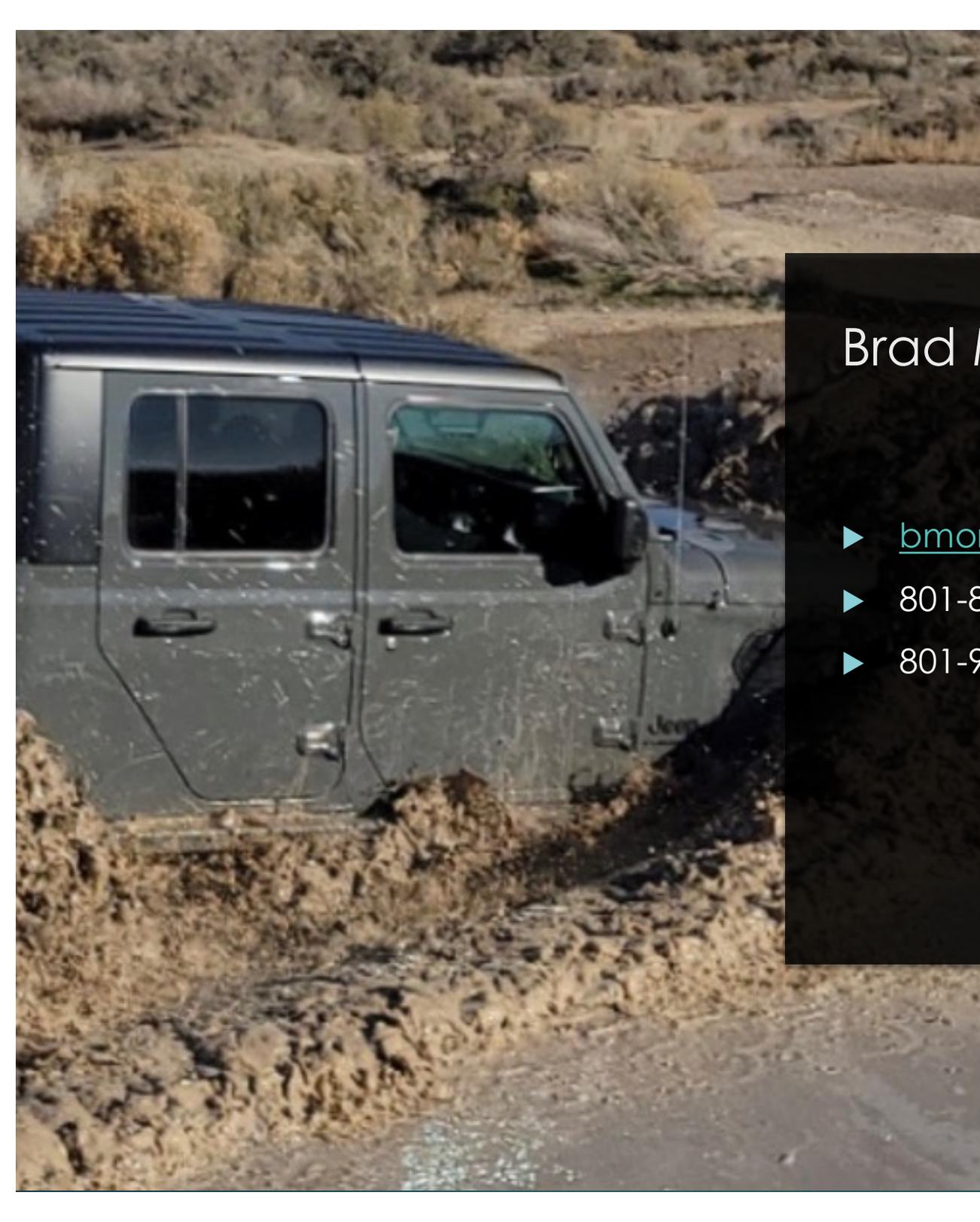


# House Cleaning

- ▶ Preparation for P25 Gateway Interface



- ▶ Look at Dispatch resources for unused tiles
- ▶ Look at VHF resources for unused tiles
- ▶ Look at Backup folders for unused tiles

A silver SUV is shown from a side-rear perspective, driving through a very muddy and rutted trail. The vehicle's body is splattered with mud. The background consists of a dry, hilly desert landscape with sparse, brownish vegetation under bright sunlight. The right side of the image is overlaid with a dark teal background, which contains a red vertical bar at the top and a black rectangular area containing text.

## Brad Morris

- ▶ [bmorris@uca911.org](mailto:bmorris@uca911.org)
- ▶ 801-840-4209 Office
- ▶ 801-946-6346 Cell