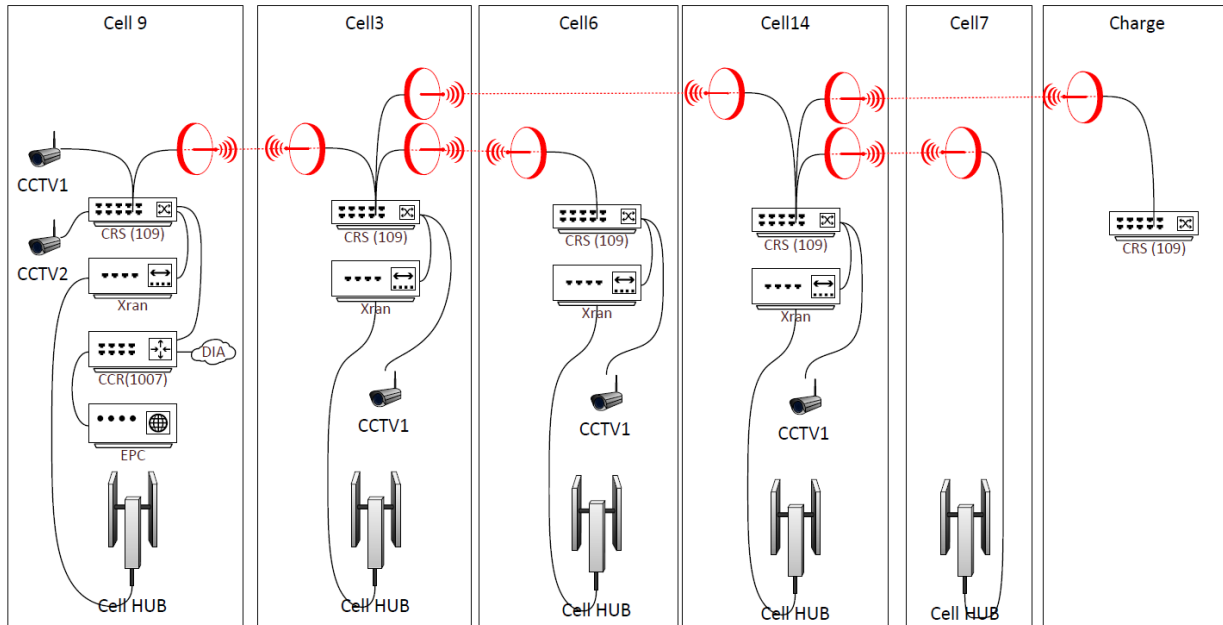


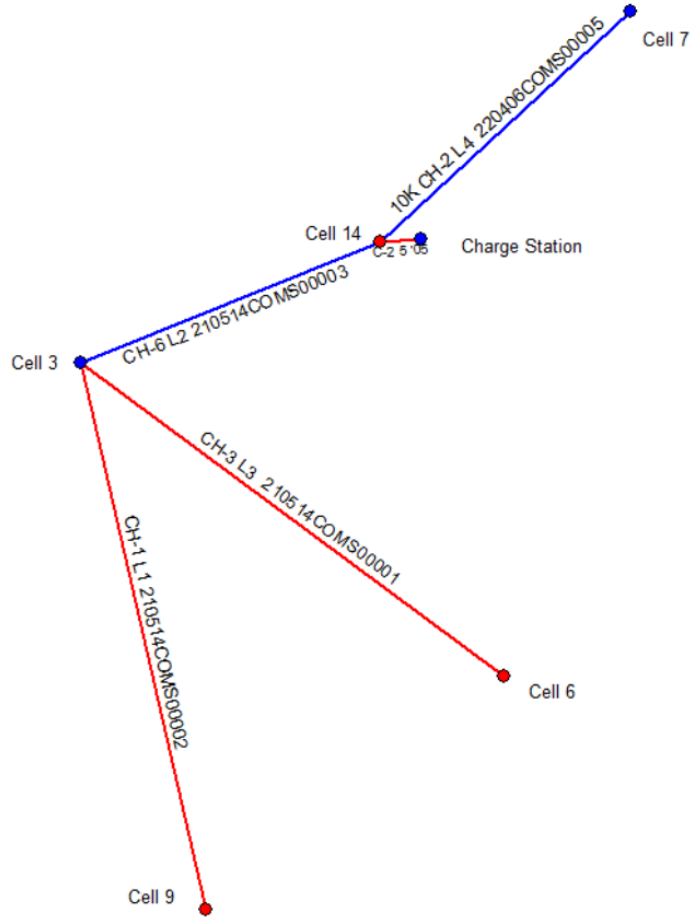
## APPENDIX B - CBRS LTE Network Description

US Ignite manages a private CBRS LTE Wireless Network on Fort Carson with the following features. Additional information will be provided to the selected vendor after contract award.

- Network includes five nodes installed on dedicated 72 foot poles
- JMA Wireless Private LTE over CBRS 3.5 Ghz
  - Utilizing virtualized RAN
  - V-RAN made it possible to deploy a fully software-based MIMO network
  - JMA XAOS server for Radio Access Network control and monitoring
- Google SAS-CBRS spectrum control
- On premise AthonetEvolved Packet Core (EPC)
- Bridgewave mMv backhaul point-to-point connectivity
- 100 Mbps Ethernet Internet Access (EIA) provided by Unite Private Network (UPN) at Cell 9
- MikroTik Cloud Router Switch CRS109
- Avigilon H5A Cameras
- Dell PowerEdge R740 Servers
- Onsite portable office space with Wifi access point



Network Diagram



Point to Point Configuration