



 **MOTOROLA SOLUTIONS**

State of North Dakota

SIRN 2020 Status Update

November 29, 2021



SIRN 2020 November Status Update



Phase 1 / Group 2 Status-

- Phase One / Group 2 consist of the following locations (Williston, Cavalier, Bottineau, Dickinson, Central Communications, State Radio Back Up)
 - State Radio Back Up- (Cen-Comm Installation)- ATP completed 11/2/21
 - (3) positions have been installed
 - Deployable Laptop Received- Item postponed until the remote connection strategy is created by the State Network Architects
 - VPN Core setup / Configurations (Working with State Team on Design, Target Complete- Jan 2022)

Phase 1 / Group 3 Status-

- Phase One / Group 3 consist of the following locations (Mountrail, MHA Communications Center, Walsh State Communications, Lake Region 911, McKenzie, McLean and Williston UMRRDC-New Airport)
 - PSAP Target Dates-
 - Mountrail- Cutover complete on 6/16/21
 - MHA- Cutover complete on 7/21/21
 - McKenzie- Cutover complete on 8/26/21
 - UMRRDC- Cutover Complete on 11/4/21
 - Lake Region- Cutover Complete on 9/22/21
 - Walsh- Cutover 10/18/21- Complete on 10/28/21
 - McLean- Cutover -Re-planned for the wk of 12/8/21

SIRN 2020 November Status Update



RF Phase Status (Phase 2, Group 1, 2 and 3)

- 2021 build Season End of Year locations planned
 - All Towers ordered have been received
 - Shelter Status for sites targeted for 2021
 - » (12) Shelter Generators have been Ordered to prepare for additional shelter orders
 - Working with State Team to complete Shelter orders (Received State NTP to Order 7 locations)
 - (5) Additional Shelter concrete and other site prep items have been completed for 2021 build season
- Civil Work Update
 - (3) Sites are in process of Antenna and Lines being installed (testing and verification)
 - (3) Additional Tower are planned to be stacked with the Antenna and Lines installed
- MOU /Lease Locations completed (Qty 16)
 - Additional Leases in Process-
 - » (1) Open location- William CCR III (Alternate needed)
 - » (15) Sites walks have been completed. Leases are being reviewed and finalized
 - (8) locations completed
 - (8) locations are in review (tower owner, legal, etc..)
 - End of Year Civil plan is being executed for the locations that have leases completed

SIRN 2020 November Status Update



1928
2018 | YEARS

RF Phase Status (Phase 2, Group 1, 2 and 3) Cont.

- Early Adopter locations updates-
 - Drive testing Reports has been completed and shared with the team.
 - » City and County Agencies are in process of installing and programming subscribers
 - Grand Forks - Simulcast RF coverage along with Wards Co ASR RF coverage is active (3 locations)
 - Williston- Simulcast RF coverage is active (3 locations)
 - Williams County ASR coverage is active (5 locations)
 - Minot Simulcast RF coverage is active (2 Locations)
 - Bismarck Simulcast RF coverage is in Process and Drive testing is planned for the Week of 12/13/21 (4 locations)
 - » Working on completing Backhaul connections with State team
 - (13) Early Adaptor Locations are currently active

- Overall Site Build Status for Mobile Coverage (State NTP received for 82 locations)

Region	Close Out	In Process	Open	QTY of Sites
NE	9	1	7	17
NW	14	3	6	23
SE	3	5	3	11
SW	15	8	8	31
Total	41	17	24	82

- Closeout- Civil Construction complete, Site ATP's and Final Documents are in process
- In Process- Sites with Partial Civil Construction complete
- Open- Sites requiring leases / owner approval, sites requiring build plans, sites with NEPA issues

SIRN Build Out : NEXT STEPS



Phase 1 / Group 3 (Planned locations- Mountrail, MHA Communications Center, Walsh State Communications, Lake Region 911, Williston UMRRDC-New Airport) and McLean

- Last Cutover planned for 12/8/21

Phase 1 / Group 4 (Planned locations- Trail / Steele 911, Pembina State 911, Pierce State 911, Rolette State 911 and Mercer / Oliver 911

- CDR meetings are in process of being scheduled with the locations. Overall schedule will be based off of equipment ship dates / location requested cutover dates
- Continue to work with team to baseline this groups project schedule.

Phase 2 / Group 1 (State Owned Locations)

- Continue RF site equipment Installations
- Execute site construction activities planned per RF needs for planning simulcast cells

Phase 2 / Group 2 (Early Adopters)

- Work with State team to complete simulcast backhaul connections (Bismark Area is in process)
- Schedule RF site optimizations and Drive test teams to prepare for 800Mhz cutover
- Completing final documentation for site acceptance in the Grand Forks, Williston/Williams co and Minot area to prepare for hand-off to service teams

Phase Two / Group 3

- Work with Teams to get Lease Exhibit approval to Lock in lease targets
 - Order shelters for the completed lease locations for the 2022 build season

Phase Two / Group 4

- 10 Site walks completed the week of 10/25/21 for locations purchased and other location in which leases have already been completed from Group 3
 - Create and Approve Lease exhibits to allow the team to order Hardware
 - Order shelters for the completed lease locations for the 2022 build season (shelter lead times are ~28 week)

State Team Core and RF training Planned

- On Site training is in process