



State of North Dakota

SIRN 2020 Status Update

July 26, 2021



SIRN 2020 July Status Update



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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)
 - (3) positions have been installed
 - State Deployable Laptop Received
 - Configuration and Set up Planned for July

Phase 1 / Group 3 Status Cont.-

- 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 8/11/21
 - UMRRDC- Cutover 9/14/21
 - Lake Region- Cutover 9/29/21
 - Walsh- Cutover 10/18/21
 - McLean- Cutover 11/15/21

*Note- The above target dates are dependant on receiving Equipment as planned.

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

- Scheduling Efforts are in process for the 2021 build Season
 - Tower Steel Ordered for sites targeted for 2021
 - » (12) Locations have been ordered (Target receive dates- 7/6 – 8/9)
 - » (12) Shelter Generators have been Ordered to prepare for additional shelter orders
 - Preparing to order (12) shelters for Lease locations after final Lease Exhibit Reviews
 - NTP Request are in process for (5) locations. The others are pending final Lease exhibit approval and will be submitted once finalized
 - Tower loading is being updated by tower manufacture to add additional VHF loading per the states request.
 - » (5) Additional Towers are planed for 2021 build season- NTP request sent to the team for approval
 - RF location Final site walks
 - » (16) RF location have been site walked with the State
 - » Planning an additional 4 site walks
- Civil Work Update
 - (4) additional shelters have been set.
 - (5) Sites are in process of having the Antenna and Lines installed
 - (5) tower foundations have been started in July
- 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
 - (7) locations in State legal review
 - (8) locations are pending final lease sign-off

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

- Early Adopter locations updates-
 - Grand Fork Backhaul connection
 - » Teams continuing to work on failover testing for the diverse fiber Backhaul (Testing planned for 7/29/21)

Site Name	County	Simulcast Area	Target Shelter Delivery Date	RF FNE Delivery & Install	Target Comercial Power	A&L Installation	RF Site Optimozation	RF Coverage Test-Target Start Date
Williston South	Williams	N/A	Complete	Complete	Complete	Complete	Complete	Pre-Lim Testing Complete
Williston North	Williams	N/A	Complete	Complete (Old Shelter)	Complete	Complete	Complete	Wk of 8/16
Moe Hill	Williams	N/A	Complete	Complete	Complete	Complete	Complete	Wk of 8/16
Rocky Mountain Oilfield	McKenzie	N/A	Complete	Complete	Complete	Complete	Complete	Wk of 8/16
Fire Station 2	Williams	Williston	Complete	Complete	Complete	Complete	Complete	Complete
Williston WT	Williams	Williston	Complete	Complete	Complete	Complete	Complete	Complete
Medicine Hill	Williams	Williston	TBD- NEPA Issue	Complete (Existing Shelter)	Complete	Complete	Complete	Complete
Grenora (CO-8)	Williams	N/A	n/a	Complete	Complete	Complete	Complete	Wk of 8/16
Grand Forks	Grand Forks	Grand Forks	Complete	Complete	Complete	Complete	Complete	Complete
Grand Forks WT	Grand Forks	Grand Forks	Complete	Complete	Complete	Complete	Complete	Complete

- Williams Co subscriber training planned for the week of 7/26 (Sherriff's office, City FD and Rural Fire)
- Additional Drive testing Targets-
 - Minot Simulcast- Target Mid-September
 - Bismarck / Burleigh Areas- Target Late October
 - Grand Fork Co- Target Late October

SIRN Build Out : NEXT STEPS



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- Phase 1 / Group 3 (Planned locations- Mountrail, MHA Communications Center, Walsh State Communications, Lake Region 911, McKenzie, McLean and Williston UMRRDC-New Airport)
 - Locking in training and cutover dates for remaining locations
- Phase 2 / Group 1 (State Owned Locations)
 - Continue RF site equipment Installations
 - Execute site construction activities planned per RF needs for planning simulcast cells
 - Complete final CD review and approvals to allow teams to schedule locations
 - Updating CD's to Add compound site fencing as required per the States direction
 - Teams continue to work on site walk punchlist for State site acceptance
- Phase 2 / Group 2 (Early Adopters)
 - Work with State team to complete simulcast backhaul connections
 - Schedule RF site optimizations and Drive test teams to prepare for 800Mhz cutover
- Phase Two / Group 3
 - Continue to work with team to determine RF locations that are feasible replacements for current contract locations
 - Work with Teams to get Lease Exhibit approval to Lock in lease targets
 - Order shelters per the completed lease locations for the 2021 build season
 - Civil Schedule will be updated once target delivery dates and Lease start Dates are confirmed