



 **MOTOROLA SOLUTIONS**

State of North Dakota

SIRN 2020 Status Update

March 2022



SIRN 2020 March 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)
 - Deployable Laptop Received- Item postponed until the remote connection strategy is created by the State Network Architects
 - VPN Core setup / Configurations (Continue to Work with the State Team on Design)
 - » VPN Testing is planned for the Week of 4/11/22 with State and MSI Teams

Phase 1 / Group 3 Status- Group is Closed

Phase 1 / Group 4 Status-

- Phase One / Group 4 consist of the following locations locations (Trail / Steele 911, Pembina Dispatch Center , Pierce State 911, Rolette State 911 and Mercer / Oliver 911)
- The Project Scedule has been base lined with the State team and will be adjusted based on equipment avaialibily as needed
 - PSAP cutover Targets- Mercer / Oliver 911 (Apr-2022),
 - Equipment has been delivered and Network Racks installs.
 - Team is preparing for training the week of 4/4/22
 - Rolette State 911 (Jun-2022),
 - Pembina Dispatch Center(Jul-2022),
 - Pierce State 911 (Sep-2022)
 - Trail / Steele 911(Nov-2022)

SIRN 2020 March Status Update



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

- Shelter Status for sites targeted for 2021
 - » (12) Shelter Generators have been Ordered to prepare for additional shelter orders
 - (8) Shelters currently on order with Thermo bond
 - (4) Additional Shelters NTP's were received on 3/11 and the last shelters have been ordered
 - » (25) Additional Shelters have been pre-ordered to help reduce equipment lead time
 - Teams working on completing Construction drawings for shelter layout
- Civil Work Update-
 - Civil work has re-start the wk of 3/21/22
 - » Cleveland tower has been stacked
 - » Team is in process of scheduling civil work for the Q2 locations identified
- MOU /Lease/ Co-Lo Locations in process (Qty 22)
 - Additional Leases in Process-
 - » (22) Sites walks have been completed. Group Status-
 - (9) locations completed
 - (7) locations are in review (tower owner, legal, etc..).
 - (6) additional RF locations have been obtained by the State and planned for the 2022 civil build season

SIRN 2020 March Status Update



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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 for Williston/Williams Co, Grand Forks, Minot and Bismarck area's.
 - Bismarck Simulcast RF is active(4 locations)
 - » Working on completing Secondary Backhaul connections with State team
 - » Acceptance Test Plans(ATP) for the Simulcast locations (Qty-4) and (4) surrounding ASR locations have been completed
- 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.
 - (38) locations have been completed and another (3) are targeted to be completed in early Q2
- In Process- Sites with Partial Civil Construction complete
- Open- Sites requiring leases / owner approval, sites requiring build plans and sites with NEPA issues

SIRN Build Out : NEXT STEPS



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Phase 2 / Group 1 (State Owned Locations)

- Work with State to help resolve build plan for State locations with possible NEPA issues

Phase 2 / Group 2 (Early Adopters)

- Work with State team to complete simulcast secondary backhaul connections and fail over testing (Bismark Area is in process)
- Schedule and complete ATP testing for target locations

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
 - RF Freq planning in process and will be sent the RPC for approval before licensing
 - 15 licence applications are complete and licensing is being issued

Phase Two / Group 4

- Project schedule is in process for (25) locations identified for this group should have a quick lease time (i.e past leases with site owners already completed)
- CDR is planned for 4/14/22

State Team Core and RF training Planned

- On Site training is scheduled with State teams

Core Work Planned (Remote Core VPN Connections Needed)-

- Radio Management- Hosted Service PO has been issued, the team is working on locking in on-site resource for equipment configurations.
- State Wide P-25 Audio Logger- Logger proposal has been completed, equipment has been ordered. Teams to start planning installation and turn up based on equipment and resource availability