



**MOTOROLA SOLUTIONS**

# State of North Dakota

## SIRN 2020 Status Update

### December 2021





# SIRN 2020 December 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)
  - 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)
- All PSAP's have been swithed over tho the New SIRN2020 Dispatch Consoles.

## Phase 1 / Group 4 Status-

- Phase One / Group 4 consist of the following locations locations (Trail / Steele 911, Pembina State 911, Pierce State 911, Rolette State 911 and Mercer / Oliver 911)
- CDR meetings for all locations planned have been completed
- Continue to work with team to baseline this groups project schedule

# SIRN 2020 December 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 will be ordered once the Site layouts are approved by the team.
- Civil Work Update
  - (2) Sites had the Antenna and Lines being installed (testing and verification)
  - All Civil work has been complete the year 2021. Civil work will be re-started in April- 2022
- MOU /Lease Locations completed (Qty 16)- No Change
  - 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..)

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## 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 active(4 locations)
    - » Working on completing Secondary Backhaul connections with State team
  - (17) 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
<b>Total</b>	<b>41</b>	<b>17</b>	<b>24</b>	<b>82</b>

- 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



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## Phase 2 / Group 1 (State Owned Locations)

- Continue RF site equipment Installations

## Phase 2 / Group 2 (Early Adopters)

- Work with State team to complete simulcast secondary backhaul connections (Bismark Area is in process)
- Schedule RF site optimizations and Drive test teams to prepare for 800Mhz cutover over the winter months

## 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

## Phase Two / Group 4

- 10 Site walks completed the week of 10/25/21 for locaions 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