



 **MOTOROLA SOLUTIONS**

# State of North Dakota

## SIRN 2020 Status Update

### July 2022





# SIRN 2020 July 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)
  - VPN Core setup / Configurations / Testing
    - » Bismarck VPN testing completed / Fargo VPN testing to get Re-scheduled for Mid-Aug
      - CEN link has been ordered via NDITD
  - Deployable Laptop Configuration / testing- Item postponed until the operational requirements are defined by DES / State Radio and NDITD

## Phase 1 / Group 3 Status- Group is Cut over

- Finals Documents are being completed and will posted to closed this group out.

## Phase 1 / Group 4 Status-

- Phase One / Group 4 consist of the following locations (Traill / Steele 911, Pembina Dispatch Center , Pierce State 911, Rolette State 911 and Mercer / Oliver 911)
- PSAP cutover Targets-
  - Mercer / Oliver 911 (Cutover Complete on 5/9/22)
  - Rolette State 911 (Cutover Complete on 6/8/22)
  - Pembina Dispatch Center (Cutover Complete on 7/20/22)
  - Traill / Steele 911(Aug-2022)- Site pulled into Aug/22 as requested
  - Pierce State 911 (Sep-2022)
- R56 Audits will be performed for locations that have cutover

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## RF Phase Status (Phase 2, Group 1, 2, 3 and 4)

- Shelter Status for sites targeted for 2022
  - » (25) Additional Shelters have been pre-ordered to help reduce equipment lead time
    - (5) shelters NTP's for the 2022 Build Season have been received
    - (8) NTP's have been requested are pending final approval from land owner
    - Additional NTP's will be requested after the Lease Exhibits are completed/Approved
- Civil Work Update-
  - » Team is in process of scheduling civil work for the Q3 locations identified
    - Working with Team to determine how to proceed with State locations with issues identified
- MOU /Lease/ Co-Lo Locations in process (Qty 22)- No change at this time
  - 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

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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 for Williston/Williams Co, Grand Forks, Minot and Bismarck area's.
  - Bismarck Simulcast RF is active(4 locations)
    - » Acceptance Test Plans(ATP) for the Simulcast locations (Qty-4) and (4) surrounding ASR locations have been completed
      - Added one additional RF ASR site (New Cingular Wireless) that will help with Coverage of area
    - » Working on completing Secondary Backhaul connections with State team
- Overall Site Build Status for Mobile Coverage (State NTP received for 107 locations Contract Locations + One Change Order)

Region	Close Out	In Process	Open	QTY of Sites
NE	8	1	12	21
NW	12	4	13	29
SE	5	5	11	21
SW	16	5	16	37
<b>Total</b>	<b>41</b>	<b>15</b>	<b>52</b>	<b>108</b>

- Closeout- Civil Construction complete, Site ATP's and Final Documents.
  - (41) locations have been completed
- In Process- Sites with Partial Civil Construction complete
- Open- Sites requiring leases / owner approval, sites requiring build plans and sites with NEPA issues or Civil Scheduling

# 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 requiring changes and locations with possible NEPA issues (QTY-8)
  - State team is working with internal groups to determine next steps

## 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

## Phase Two / Group 4

- Project schedule is in process for the locations identified for this group should have a quick lease time (i.e past leases with site owners already completed)
- Update and Complete lease Exhibits for Approval to allow team to Order additional shelters

## Phase Two Schedule-

- Groups 1-4 Project schedule is in process on being updated to determine new completion dates based on current location status and supply chain challenges
- A new schedule has been created for the last groups of RF locations (Group 5 = 16 and Group 6=16). This will complete the RF buildout schedule once baselined
  - Team looking for alternates that have had leases completed in the past
  - State NTP expected later this year (early Q4)

## State Team Core and RF training Planned

- On Site training has been completed with State teams
  - Final (2) week custom course topics are being identified

## Core Work Planned (Remote Core VPN Connections Needed)-

- Bismarck VPN testing Complete / Fargo VPN testing targeted for mid-Aug
- Radio Management- Integration has been completed the wk of 7/18.
  - Final Testing of the OTAP option is in process of being resolved with the teams.