



# State of North Dakota

## SIRN 2020 Status Update

### May 2022



# SIRN 2020 May Status Update



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2018  
YEARS

## Phase One / 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 planned for week of 5/23.
  - Deployable Laptop Configuration / testing- Item postponed until the operational requirements are defined by DES / State Radio and NDITD

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

- Finals Documents are being completed and will posted to closed this group out.
  - R56 audit is needed for Lake Region PSAP- R56 report / clean up in process

## Phase One / Group 4 Status-

- Phase One / Group 4 consist of the following locations (Trail / Steele 911, Pembina Dispatch Center , Pierce State 911, Rolette State 911 and Mercer / Oliver 911)
- PSAP cutover Targets-
  - Mercer / Oliver 911 (Cutover 5/9 as planned)
  - Rolette State 911 (Training planned for week of 5/30 and cutover on 6/8/22)
  - Pembina Dispatch Center(Jul-2022)
  - Pierce State 911 (Sep-2022)
  - Trail / Steele 911(Nov-2022)- Working with Teams to pull into August 2022
- Planning R56 Audits for mid-June for locations that have cutover

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

- Shelter Status for sites targeted for 2022
  - » (12) Shelter Generators have been Ordered to prepare for additional shelter orders
    - Shelter manufacturing is in process, Shelters are planned to start shipping in early May.
      - 3 shelters awaiting site conditions to improve to install
  - » (25) Additional Shelters have been pre-ordered to help reduce equipment lead time
    - NTP request has been requested for (5) shelters for 2022 Build Season
    - Additional NTP's will be requested once new site walks are completed and scope indentified
- Civil Work Update-
  - » Team is in process of scheduling civil work for the Q2 locations identified
  - » Group 4 site walks planned for 14 locations the week of 5/23/22
- 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 Two, 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
    - » Working on completing Secondary Backhaul connections with State team
- Overall Site Build Status for Mobile Coverage (State NTP received for 107 locations)

| Region       | Close Out | In Process | Open      | QTY of Sites |
|--------------|-----------|------------|-----------|--------------|
| NE           | 9         | 1          | 12        | 22           |
| NW           | 12        | 4          | 13        | 29           |
| SE           | 3         | 5          | 11        | 19           |
| SW           | 15        | 6          | 16        | 37           |
| <b>Total</b> | <b>39</b> | <b>16</b>  | <b>52</b> | <b>107</b>   |

- Closeout- Civil Construction complete, Site ATP's and Final Documents.
  - (39) locations have been completed and another (3) are targeted to be completed in early June
- 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 Two / 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 Two / 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)
- Sites walks planned for week of 5/23/22 to indentify site specific civil scope

## 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 will be created for the last groups of RF locations (Group 5 = 16 and Group 6=16). This will complete the RF buildout schedule once baselined
  - 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)-

- Completed Bismarck VPN testing the wk of 4/25/22
- Fargo VPN testing targeted for the week of 5/23
- Statewide P-25 Audio Logger Config / tesing / implementation and training-
  - Bismarck / Fargo Install planned the week of 5/23, Intergation and testing planned from 6/6-6/23 and Logger training planned for 6/28-6/30/22
- Radio Management- Hosted Service is now targed for late July