



MOTOROLA SOLUTIONS

State of North Dakota

SIRN 2020 Status Update

September 2022



SIRN 2020 September 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 is open pending ATP acceptance of NICE logging and Radio Management
 - 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- (All PSAP's cutover for this Group)

- 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 Status-
 - 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)- (Cutover Complete on 8/24/22)
 - Pierce State 911 (Sep-2022) (Cutover Complete on 9/21/22)
- R56 Audits completed for Pembina and Traill. Pierce PSAP is targeted for Mid-Oct

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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 (13 NTP's received to date)
 - (8) NTP's have been received on 9/16/22
 - Shelters orders are being placed along with finalizing the Construction Documents. Team is targeting getting the shelter concrete and site work completed in Q4 for these locations.
- Civil Work Update-
 - » Team is in process of scheduling civil work for the Q4 locations identified
 - 17 Site walks have been completed the wk of 9/19/22
 - (5) out (8) NEPA issue sites have had Alternate locations walked to determine feasibility
 - Lease exhibits are in process and will be reviewed with the teams for approval.
 - (3) Tower loading sheets / NTP request have been sent to the State for approval to allow the Steel to be ordered
 - Team is planning to receive and set 8-10 shelters this build season starting in early Oct.

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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
 - » Secondary Backhaul connections for Bismarck simulcast is in process with the local telco (BEK).
 - Civil work in process for Stark / Dickinson Simulcast (Shelter planned for Late Oct-2022)
- 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	9	1	11	21
NW	13	4	12	29
SE	7	3	11	21
SW	17	6	14	37

Total	46	14	48	108
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- Closeout- Civil Construction complete, Site ATP's and Final Documents.
 - (46) 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 to be scheduled after ATP acceptance for Logger and Radio Management
- Radio Management- Integration has been completed.
 - Working with team to determine Radio Re-touch plan