



Duane Schell
Director

Network Services
Division





SIEC Membership

- State Radio
- Division of Homeland Security
- Highway Patrol
- Adjutant General
- Dept. of Transportation
- State Chief Information Officer
- ND Sheriffs and Deputies Association
- ND Emergency Managers Association
- ND Fire Chiefs Association
- ND Emergency Medical Services Association
- ND Police Chiefs Association
- ND Peace Officers Association
- ND 911 Association

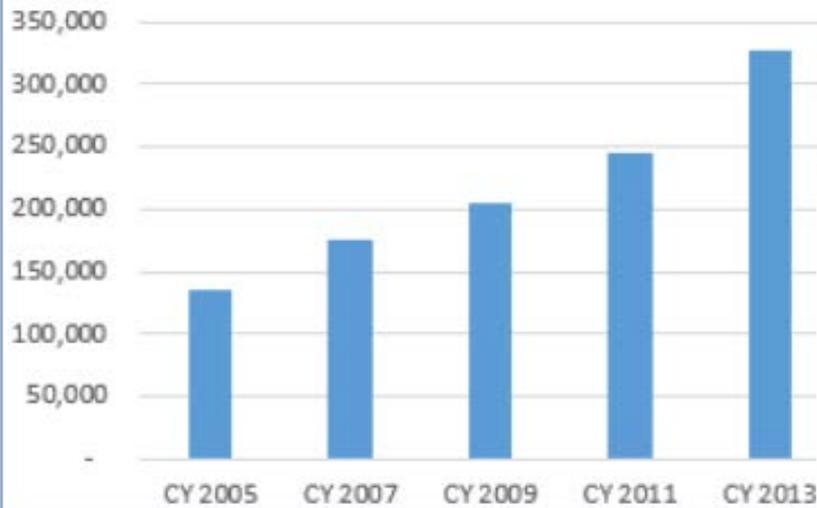


Background - Radio Communications

- Increasing awareness relating to levels of dissatisfaction with existing solutions
- SIEC conducted a survey of radio users
- Significant aging infrastructure - local government
- SIEC funded a formal study

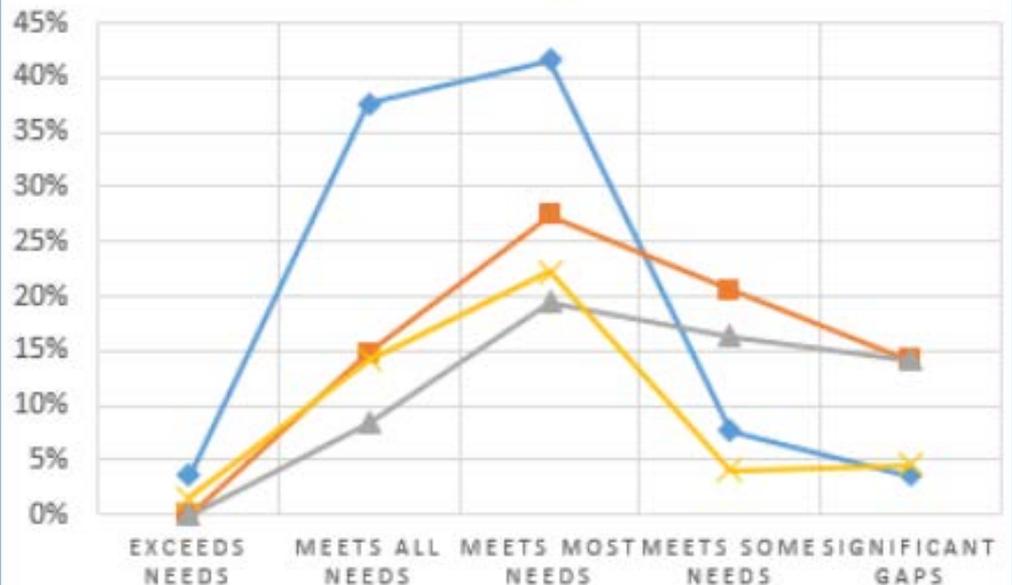


Statewide Biennial 911 Call Volume



STATE AND LOCAL SYSTEMS
COVERAGE PERFORMANCE

- Vehicle Mounted Mobile
- Outdoor Portable
- Indoor Portable
- Paging





SIRN 20/20

- Statewide Interoperability Radio Network
 - Defined in SB 2016 Section 5 and 6
 - Provided \$1.5M funding to support project
 - Project Requirements
 - Determine project feasibility and desirability
 - Consult with affected entities
 - Enter into agreements with participating entities
 - Report back to 65th Legislative Assembly



Project Status

- ITD has assembled project team
- SIEC has authorized a working group
- High Level Goals
 - Refine work already done
 - More clearly define solution and budget
 - Ensure solution aligns with stakeholders expectation
 - Formalize buy-in of participating entities
 - Complete efforts late spring / early summer



FirstNet

- Born out of the 9/11 Commission Report
- Part of the Middle Class Tax Relief and Job Creation Act
- Established the First Responders Network Authority
- Nationwide wireless Data network for public safety
- Key Features
 - Dedicated Spectrum
 - Priority and Pre-emption

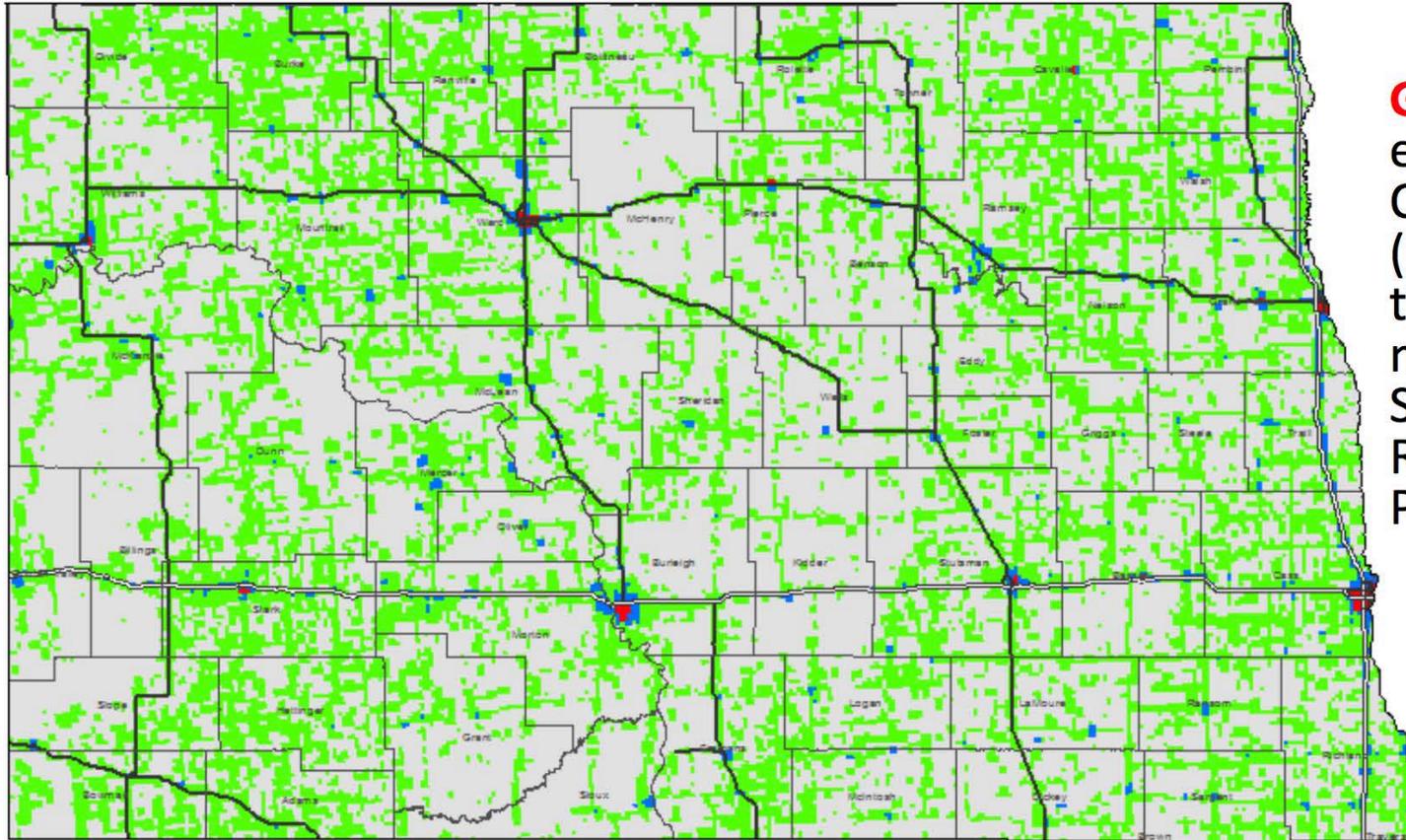




FirstNet

- State & Local Implementation Grant Program – SLIGP
 - Education & outreach
 - Governance & needs assessment
 - Carrier network assessment
 - Technology utilization survey
 - Asset identification
- ND awarded \$1.1M
 - Partnership ITD, DES, SIEC





Goal: Replace the existing FirstNet Coverage Baseline (RFP) with one that better matches the State's Coverage Requirements & Priorities

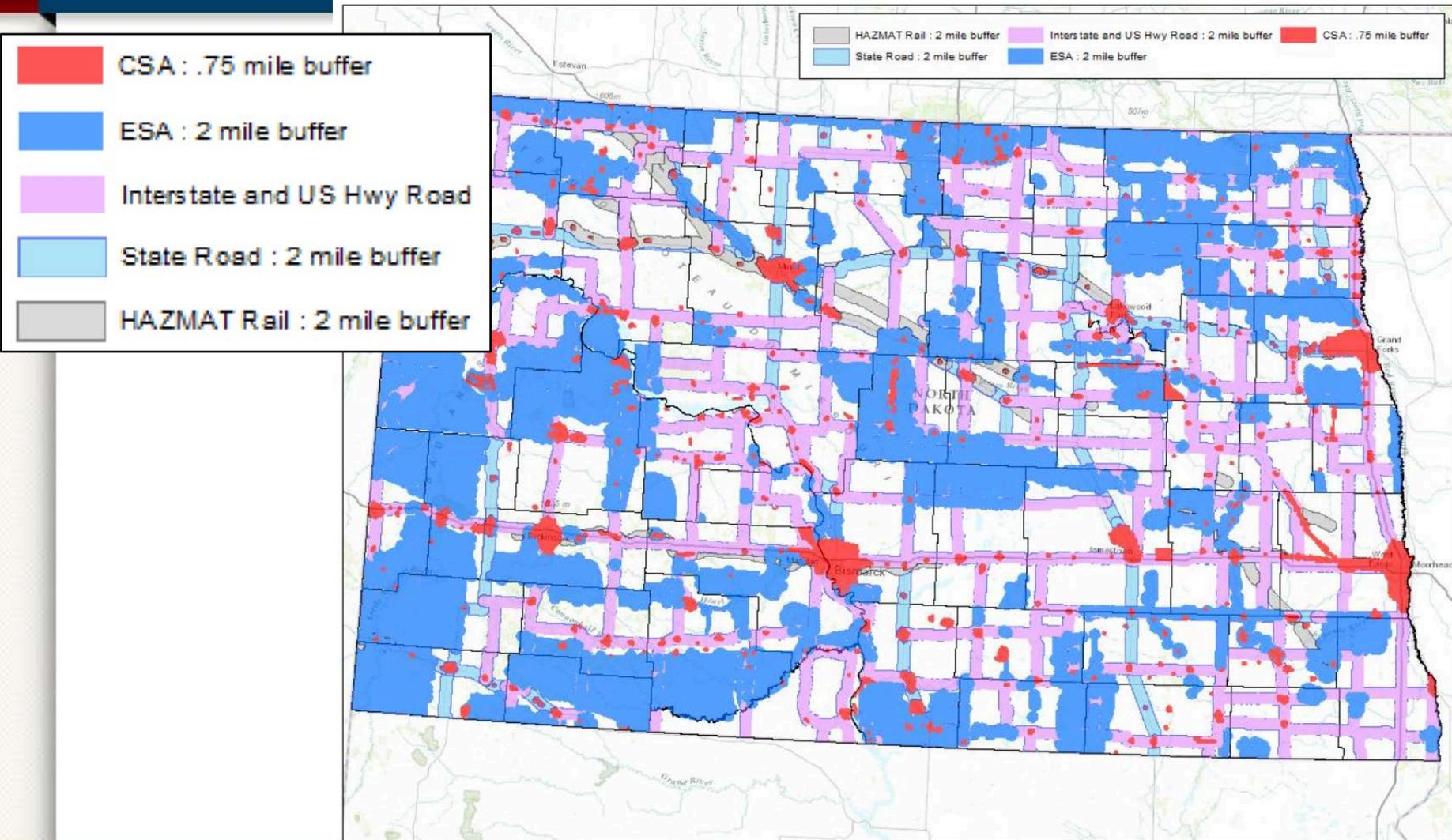
Firstnet Baseline Objective

- High
- Medium
- Low
- Non-Terrestrial



ND Efforts

- Collected and Analyzed Historical Data
- Identified Critical Service Areas
- Analyzed commercial networks
- Held Regional Meetings
- Met with each individual county
- Reviewed priorities on the local level





Next Steps

- Submit Priorities to FirstNet - Sept 30
- FirstNet to issue RFP - end of calendar year
- FirstNet presents plan to ND
 - Mid to Late 2016
- Engage stakeholders to review the plan





THANK YOU!!!