Meeting Minutes
October 5, 2016, 02:00 PM CST
5th Floor Conference Room, Lincoln Foundation Building,
215 Centennial Mall South, Lincoln, NE 68508

Opening Comments

1. **Roll Call**

First Name	Last Name	Agency	Attendance
Mike	Foley	Lt. Governor	
Phil	Brazelton	Tri-County PET Region	X
Roger	Foster	League of Municipalities	
Kevin	Garvin	Northeast PET Region	
VACANT		Southwest PET Region	
Tim	Hofbauer	East Central PET Region	X
Adam	Matzner	State Fire Marshal	X
Tom	Nutt	Nebraska Association of County Officials	X
Pete	Peterson	North Central PET Region	
Ray	Richards	Panhandle PET Region	X
Jon	Rosenlund	South Central PET Region	X
Ray	Ryan	Southeast PET Region	X
Tom	Schwarten	Nebraska State Patrol	X
Jayne	Scofield	Office of the Chief Information Officer, Chair	X
Craig	Stover	Game and Parks Department	
Bryan	Tuma	Nebraska Emergency Management Agency	X
David	Webb	Nebraska Public Power District	X

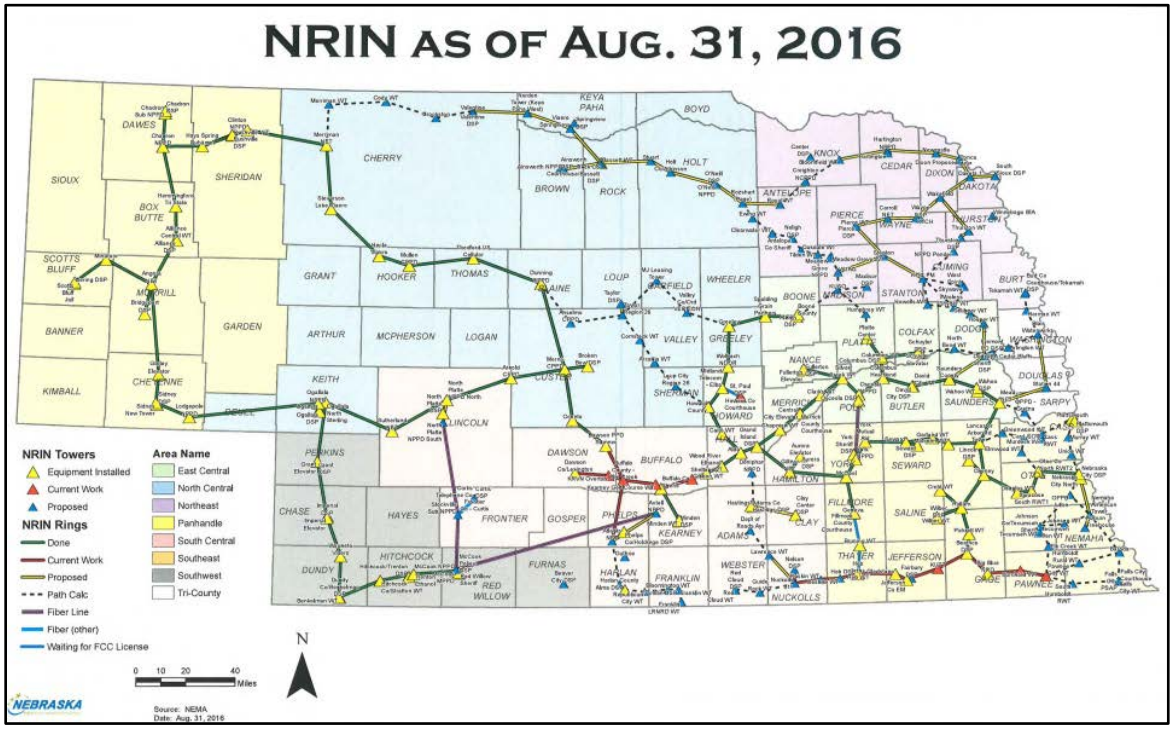
Others in attendance: Trent Howard, Bob Wilhem, Matthew May, Rod Zeigler, Russ Stanczyk, Nikki Weber, Jim Lundsted, Lon Renner, David Sankey, Chad Fuller, Pam Kemper, Dan Hiller, Mark DeKraai, Sue Krogman, Troy Harris, Chip Volcek, Kate Speck, Jim Heine, and Quinn Lewandowski.

2. **Welcome, Introductions, and Open Meeting Law Information**
Bryan Tuma, called the meeting to order at 02:00 PM Central Daylight Time. Mr. Tuma verified public notice and availability of copy of law in the meeting location – NEB. REV. STAT. §§ 84-1407 THROUGH 84-1414 (1999, Cum. Supp. 2006, Supp. 2007)

3. **Approval of Minutes**
Tom Schwarten made a motion to approve the March 15, 2016 meeting minutes. The motion was seconded by Ray Richards; the motion passed by unanimous acclamation vote with no abstaining votes and no dissensions.

4. **Public Safety Communications Information and Reports**

   a. **Update on NRIN installment status – Sue Krogman, NEMA**



Beatrice Dispatch is going online to use the NRIN system for all of their dispatching. The East Central region's NRIN system is almost complete. Once the hop from Albion to Platte Center is connected the EC 911 ring will be complete. Cass County 800 MHz system installation will soon begin.

b. **Nebraska Regional Interoperability Network (NRIN) Governance Board Update–Tim Hofbauer, East Central PET Region & Jon Rosenlund, South Central PET Region**
The NRIN Governance Board held their first meeting in May 2016 and have been meeting almost monthly. The board has developed three committees (Finance, Technical, and Policy/Administration/Outreach) to task out several action items in relation to the NRIN network. Some of those items include: developing cost-benefit analysis, developing a quality of service policy, establishing a fiscal agent for NRIN, updating interlocals, a statewide push on the promotion and education on the NRIN system, putting together a statewide monitoring and management contract, and continuing to improve sustainability for the system. A SERAGON representative has been scheduled to attend the next NRIN Governance meeting to discuss the life expectancy of the equipment and a possibility of developing a buy-back program for end of life equipment. A representative from Juniper has been scheduled to meet with the board to talk about the routers.

The NRIN board is currently working with Mission Critical Partners on possibly providing the last mile to the PSAPs and save a considerable amount of money on text to 911. Also in relation to the need to put public safety data on the system, the board feels it is important that text to 911, teletype, and others be on the NRIN network. The NRIN network has been a gradually building out over the years, and the NRIN network will touch every PSAP when completed. The board feels like that it is important in the future to utilize this private network that has been built out for many different capabilities. The NRIN Governance Board recognizes that this will take changes in the way that many different entities do things, but if they can get text to 911 on the network they can possibly save hundreds of thousands of dollars in Nebraska 911 funding alone. Representative of NRIN

Governance Board and State Patrol have agreed to meet in the near future to discuss moving teletype to the NRIN system, and will hopefully bring back a solution to the board for a vote.

c. FirstNet Report – Bob Wilhelm

i. Nebraska Public Safety Broadband Network (NPSBN) Working Group report –Bob Wilhelm

Bob Wilhelm shared the Federal Financial Report (FFR document attached to these minutes). These Federal funds have helped educate individuals throughout the state, gather experience with public safety broadband, and see how the FirstNet system can be utilized at large scale events.

On Oct. 20th, FirstNet will be hosting a two hour Metropolitan Briefing Session in La Vista for stakeholders and elected officials. FirstNet is currently evaluating the bids they received from the request for proposal (RFP) to build out FirstNet if Nebraska opts-in (see timeline attached). FirstNet is currently planning to have the draft state plans delivered by spring 2017. After the FirstNet state plans are delivered to the governor, he will have 90 days to make a decision to opt-in or opt-out. The NPSBN working group created a subcommittee to help determine how they will brief the governor on this decision when it comes time for this step, and they will be working with CONFENDIS to kick around deliverables throughout the phases of the project.

ii. *Change to NPSBN Working Group Charter under the NPSCC (Action Item)

The following changes to the NPSBN working group were proposed to the NPSCC board (changes are underlined):

- 6.1 Number of Members - The Working Group shall have no more than <u>19</u> voting members. <u>The Office of the Chief Information Officer will maintain a list of the active, inactive, and non-voting members of the Working Group.</u>
- 6.2 Representation – 6.2.1 The Chairperson or head of the following entities, or his or her designee may become active members of the Working Group:
    - *Please note: the members listed below with a strikethrough are currently inactive members until the entity notifies the Office of the Chief Information Officer of their desire to continue to be represented and identifying who their new representative will be. The entity will be reinstated upon the attendance of their representative at a future Working Group meeting.*

6.2.1.1 Association of Public-Safety Communications Officials (APCO)/National Emergency Number Association (NENA) of Nebraska
~~6.2.1.2 League of Nebraska Municipalities~~
6.2.1.3 Municipal Fire Chiefs Association
6.2.1.4 Nebraska Association of County Officials
6.2.1.5 Nebraska Association of Emergency Managers
~~6.2.1.6 Nebraska Hospitals Association~~
6.2.1.7 Nebraska Public Power District
6.2.1.8 Nebraska Public Service Commission
6.2.1.9 Nebraska Rural Electric Association
6.2.1.10 Nebraska Sheriff's Association
6.2.1.11 Nebraska State Patrol
6.2.1.12 Nebraska Volunteer Firefighters Association
6.2.1.13 Police Chiefs Association of Nebraska
6.2.1.14 A Tribal Council appointed representative from each of Nebraska's four tribes: ~~the Omaha Sioux~~, ~~the Ponca~~, ~~the Santee Sioux~~ and the Winnebago.

6.2.1.15 Nebraska Emergency Medical Services Association (NEMSA)

6.2.1. 16 Other members as approved by the NPSCC.

- 6.5 Meeting Attendance requirement - If a voting member and/ or their designated alternate misses two consecutive meetings, the representative and the agency/ organization/ entity they are representing will be removed as an active voting member and become an inactive member of the Working Group. Once removed: the entity and their representative will be notified of the above status change. The entity may be reinstated to the Working Group without NPSCC approval by notifying the Office of the Chief Information Officer of their desire to continue to be represented and identifying who their new representative will be. The entity will be reinstated upon the attendance of their representative at a future Working Group meeting.
- 7.2 Quorum - A quorum consists of at least 50% of the active voting members.

Tom Nutt made the motion to accept the above changes as proposed to the NPSBN Working Group Charter. The motion was seconded by Tim Hofbauer; the motion passed by unanimous acclamation vote with no abstaining votes and no dissensions.

iii. Process for reviewing the FirstNet State Plan

Mr. Wilhelm asked the NPSCC on how they would like to be involved in the process. The NPSCC will rely on the Working Group to make a recommendation on FirstNet, and by charter the NPSCC will advise the Lt. Governor who in turn would help advise the Governor on the decision. The NPSCC board requested to be briefed as well on the FirstNet State Plan and the NPSBN Working Group recommendation when it comes time for FirstNet to receive that executive decision. The NPSCC board would have no problem with the hired consultant, which will be completing the brief on FirstNet State Plan, meeting with the Lt. Governor before they have an NPSCC meeting to discuss the FirstNet decision.

d. State Emergency Communications Committee (SECC) – Rod Zeigler, Chair

The Federal Communications Commission (FCC) has recently made a number of changes to the Emergency Alert System with more to follow. Each broadcaster and cable system in the state has been required to register with the FCC through the EAS Test Reporting System or ETRS. Mr. Zeigler, and other committee members, have been contacted by many of these entities requesting information about the State EAS Plan as well as general information required on the registration form. In assisting these entities a need for ongoing communication with the SECC became obvious. Some were unaware that there was a State Plan available on the SECC website, some were unaware of years old changes in FCC rules and regulations, and some found grievous errors on their broadcast licenses. This is not unique to Nebraska as there are similar reports from across the country. Contacting the majority of the commercial broadcasters in the state with information and last minute changes was accomplished through Jim Timm at the Nebraska Broadcasters Association but we had no avenue to contact broadcasters not part of this organization or cable companies. Mr. Zeigler feels the SECC needs to step up its outreach to the various EAS participants in the state, especially in light of the expanded role of the SECC looming on the horizon.

The SECC will, by necessity, create a database of every Nebraska broadcaster and every cable company doing business in the state. This database will also give the SECC the ability to engage in

ongoing outreach with these participants. Creation and maintenance of this database will entail quite a bit of time and effort on the part of the committee. The order further states that the SECC's have one year to collect this information and then six more months to incorporate the information into the State Plan. This clock starts when the Office of Management and Budget publishes the order in the Federal Register. There could be the possibility that the SECC will be tasked with assigning alert languages to the states EAS participants in the future.

The SECC is only alluded to in the FCC Rules and Regulations as the body in each state that creates and maintains the State Plan, many across the country have asked the FCC to formally define the duties, responsibilities, and liabilities of the SECC. Mr. Zeigler also asked for them to create a funding mechanism now that the SECC's are being asked to do much more than was originally intended.

Proposals for further SECC responsibilities include adding 911 and Reverse 911 plans to the state EAS plan as well as the usage of highway signs, lottery terminals, social media, and other non-broadcast or cable alerting avenues. Many of these proposals are starting to blur the line between traditional Emergency Management and SECC roles. In one particular FCC document (Public Notice DA 16-803 on 7 /18/16) the SECC acronym was changed to State Emergency Coordination Council. FCC Notice for Proposed Rulemaking 16-5 adopted 1/28/16 proposes new network security rules for all EAS participants which requires that they certify individual compliance to the Commission. Once this, and other proposals, become part of the Rules and Regulations getting this information, from an authoritative body, to the various EAS participants in the state is vital.

On Sept. 29th the FCC issued Report and Order and Further Notice of Proposed Rulemaking 16-127 dealing exclusively with Wireless Emergency Alerts. While WEA is not currently part of EAS, the Nebraska SECC did submit comments in favor of certain proposed changes and those comments, along with comments from the Omaha/Douglas Co. EM were footnoted as supporting documents in the order. The highlights of this order were increased character length of WEA alerts, removal of the prohibition of embedded references and multimedia, Spanish language alerting, classification of Public Safety Messages, and geo-targeting.

The current Nebraska State EAS Plan from 2007 was never formally accepted by the FCC, and there has been no FCC action on the two plans submitted since. The one glaring flaw in all Nebraska State Plans has been the lack of the required second Emergency Action Notification source to each EAS participant in the state. The topology and demographics of the state do not support a workable "Daisy Chain" system of alert relaying broadcast stations which many states use as their primary and secondary EAN source. We are currently waiting on the FCC to publish its promised on-line plan template before authoring another State Plan. At that time some type of secondary EAN source scheme will be devised and implemented.

Mr. Zeigler and others involved with the AMBER committee have been asked by Senator Davis to attend a hearing on October 14th to discuss the possible implementation of a Silver Alert system in Nebraska. SECC minutes and updates are posted online at http://ne-eas.org.

e. Statewide Radio System (SRS) –Pam Kemper, OCIO

Motorola Solutions, the State of Nebraska OCIO, and the Nebraska State Patrol have created a program for any paid law or fire to receive previously used public safety radios for the Statewide Radio System (SRS). The program will enable an end-user agency who is interested in the SRS to

initiate the Intent-to-Participate agreement with the OCIO and apply for the radios. The radios that will be provided in the program are Motorola XTL5000 mobile radios. These have been tested and approved for the State Radio System. They are VHF single band radios and will operate on the State System. The SRS will provide 3 talk groups for your agency's operation with additional shared interoperability talk groups. Local conventional VHF frequencies can be added to the radio by your local Motorola radio shop. Agencies that would like to participate in the program are required to:

- Apply for the radios (http://content.motorolasolutions.com/promo/nebraska/promos.html)
- Complete Intent to Participate
- Once selected, participate in calls, meetings and training
- Local responsible for install, programming cost, vehicle antenna, and any ancillary cost.

The committee will then select agencies using the following criteria:

- Dispatch center is on the SRS with MCC7500 consoles as a participating agency.
- Have secured MCC7500 consoles as a participating agency.
- Have an established plan for communications on the SRS as a fulltime user agency.
- Exploring communications with/on the SRS.
- Interoperability needs only.

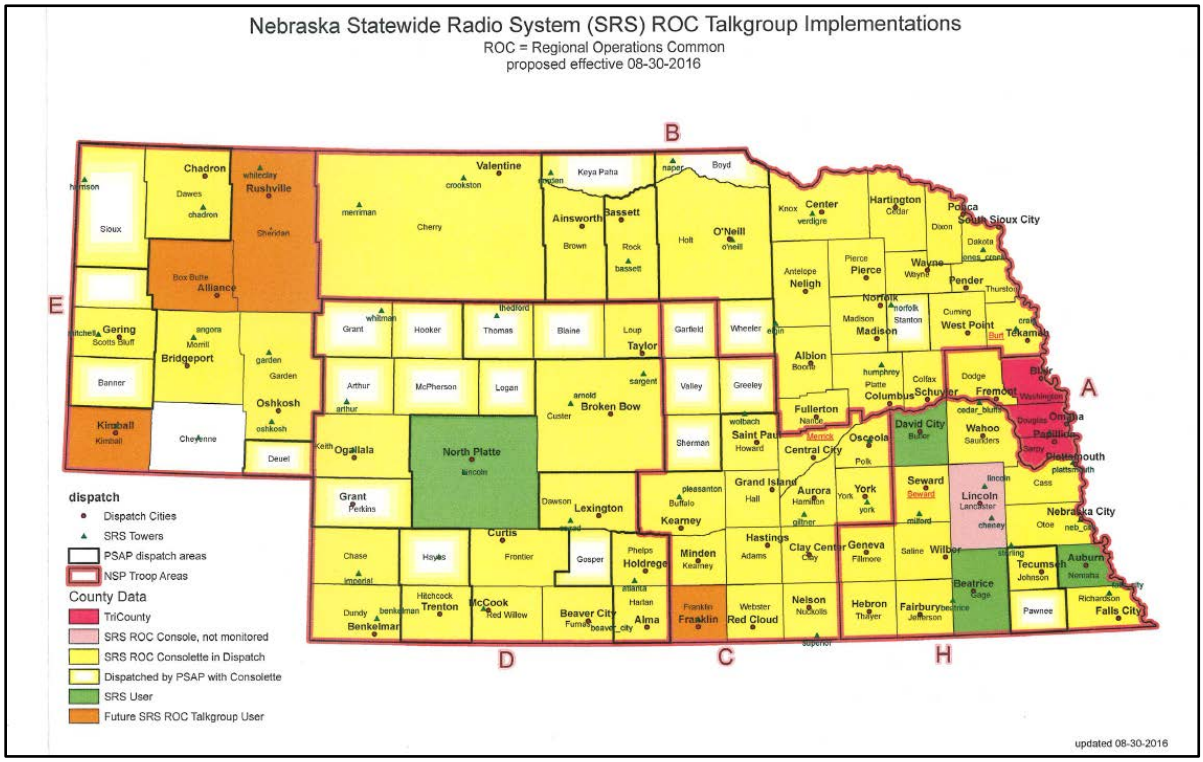
All decisions are based on the selection committee's review of the application and intent to participate. The committee may use additional criteria to determine program award. In the event the committee is unable to ascertain the agency's desire, a phone interview may be required. There is a limited quantity and time available.

It is anticipated the radios will start to become available around Aug.-Sept. 2016. Motorola will be sending notification to Sheriffs. The state's goal is to inform Nebraska rural law enforcement of this unique and limited opportunity. Let us know if you have questions!

At this time, the OCIO has received requests for over 170 radios from 27 different agencies. Of those 27 agencies, there are some that want to join the SRS as users. The OCIO aims to benefit the smaller agencies as much as possible. There are currently 38 agencies wanting to join the system. There are currently four full-time users (Lincoln, Gage, Nemaha, and Butler County). OCIO has also signed a contract with Motorola for a discount on purchasing. Here is the link to the new State Motorola Radio Equipment contract:
http://das.nebraska.gov/materiel/purchasing/contracts/pdfs/14534(oc)awd.pdf
Please note the 40% discount on radios runs from now until 12/15/2017, after 12/15/2017 the discount goes down to 30%.

Originally, the SRS had 51 towers on the system, and since then there are now to 55 towers apart of the system. The OCIO continues to work on firming up some weak coverage areas that they have discovered throughout the state. Site that they are going to deploy on the Pawnee City NET tower.

The Rattlesnake Creek NPPD tower in Cuming County will help firm up coverage in Wayne area. It is likely that the SRS will have to establish a tower near Hebron and have also purchased a microsite (one would be Boyd County). The OCIO is currently demoing WAVE where they can test talk groups.



f. NEMA, Bryan Tuma

i. Terrex – After-Action Report – Bryan Tuma

In May 2016, the annual TERREX exercise was held. This year's exercise centered on a large scale wildfire fighting scenario. The National Guard, the OCIO, NSP, State Fire Marshal's office, and many other partners participated in the large scale exercise. A total of 108 individuals from 36 different agencies participate in the exercise. The exercise deployed a lot of firefighters across a very large area, and required them to call in a number of different needed assets. The main recommendation from the exercise is that Tactical Interoperability Communications Plans (TICPs) be kept update as they were discovered to be very valuable in an event of this scale.

ii. Alert Sense and the IPAWS Network – Sue Krogman and Troy Harris

NEMA has contracted with Alert Sense to provide access to IPAWS state and county agencies. Current Counties with COGS:

- Buffalo - Has chosen to remain with their current provider
- Keith, Deuel, Arthur, Grant, Hooker, McPherson, Logan, Hall, Thayer, Merrick, Nance, Boone, Platte, Saunders, Douglas

Current Counties with applications

- Dawson, Gosper, City of Neligh (Antelope), Fillmore

AlertSense will be contacting County Emergency Managers, and will process applications as they are completed. AlertSense currently plans to attend Regional PET meetings to spread the word and gather data. Once COGs are completed AlertSense will provide training via webinar, or they may conduct an in-person training regionally.

iii. **Tactical Interoperability Communications Plans – Sue Krogman and Troy Harris**
Each one of the PET Regions has a requested requirement to develop a plan. There have been some discrepancies found in the plans. NEMA will be out visiting the regions and pushing the information that it is the plans that were submitted.

iv. **Nebraska SCIP – Statewide Communications Interoperability Plan – Jayne Scofield and Sue Krogman**
In the back of the Nebraska SCIP there are some goals and targets for the next year.

v. **Threat and Hazard Identification and Risk Assessment (THIRA)/Training, Exercise, & Planning Workshop (TEPW)/State Preparedness Report (SPR) – Nikki Weber**
On October 25th and 26th THIRA/TEPW/SPR Workshop will be held in Lincoln, NE.

vi. **NEMA – Request for Proposal; Incident Management Software – Bryan Tuma**
NEMA is currently working right now to write a RFP with the goal of replacing the current software. Ideally NEMA would like to get the state license and distribute to all Emergency Management agencies throughout the state.

g. **Regional updates**

i. **Southeast – Peter Crawford representing Ray Ryan**
The City of Lincoln will be joining the Nebraska SRS, and are designing the system to have indoor coverage throughout Lincoln and outdoor coverage throughout Lancaster County. Also, installing Regional 911 phone system. The NRIN system continues to be built out in the Southeast Region.

ii. **Tri-County – Phil Brazelton**
Fremont is coming on the Orion System by end of October. In discussions of figuring out how to share the Orion System and help out with interoperability.

iii. **Northeast – Trent Howard representing Kevin Garvin**
All the NRIN equipment is in Norfolk area being stored and is waiting to be installed. B-ROC radio system implemented in City of Norfolk and in Antelope County. A car chase allowed for a good test of its implementation. RFPs will soon be submitted for new tower in the city of Norfolk.

viii. **East Central – Tim Hofbauer**
The EC911 project is continuing on with seven counties involved. Currently finishing up a ring that will further help redundancy. Also, currently working towards to get Dodge County on the NRIN system

iv. **North Central – Pete Peterson**
No update at this time.

v. **South Central – Jon Rosenlund**
Currently doing a lot of NRIN work. Fifteen counties are looking at migrating to low band. Improving interoperability for the State Fair each year, and continue to learn things each year of the fair. Have found that having command teams in the same room helps improve performance in large scale events.

vi. **Panhandle – Ray Richards**
Have worked with Cornerstone to correct some issues with the NRIN system caused by the previous contractor, and as of Sept. 27th everything is up and running. Working on getting training to inject data into the system. Have two park systems that are interested in getting on the SRS. As the National Park Service has become more progressive with interoperability communication, they're finding their arrests are climbing and they are allowed to communicate with more local entities.

vii. **Southwest – Vacant**
No update at this time

5. **Member Comments**
Tom Nutt, NACO – The statewide system has really come a long way, and he has been impressed with the clarity of radio talk of incident tens to hundreds of miles away.

Lt. Colonel Tom Schwarten, NSP - Troop A of the NSP has finished the installation of the next generation radios. Lots of work being done to get those cars retrofitted, because computers have upgraded so much over the past eight years.

6. **Public Comments**
No public comments were made.

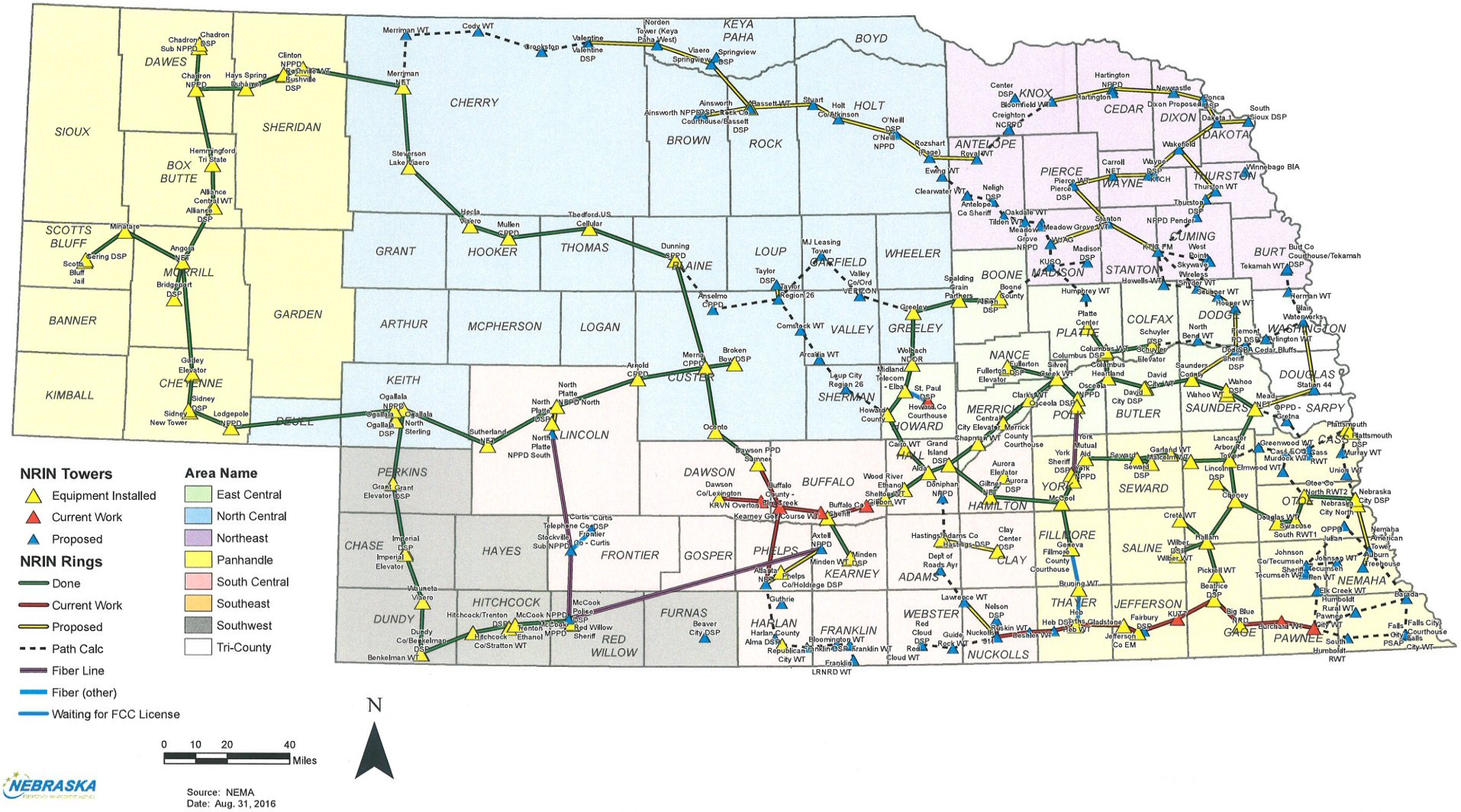
7. **Next Meeting**
The next meeting of the NPSCC will be held at a TBA date and location. The next meeting is likely to correspond with FirstNet or the Investment Justification Process of the Nebraska Homeland Security Grant.

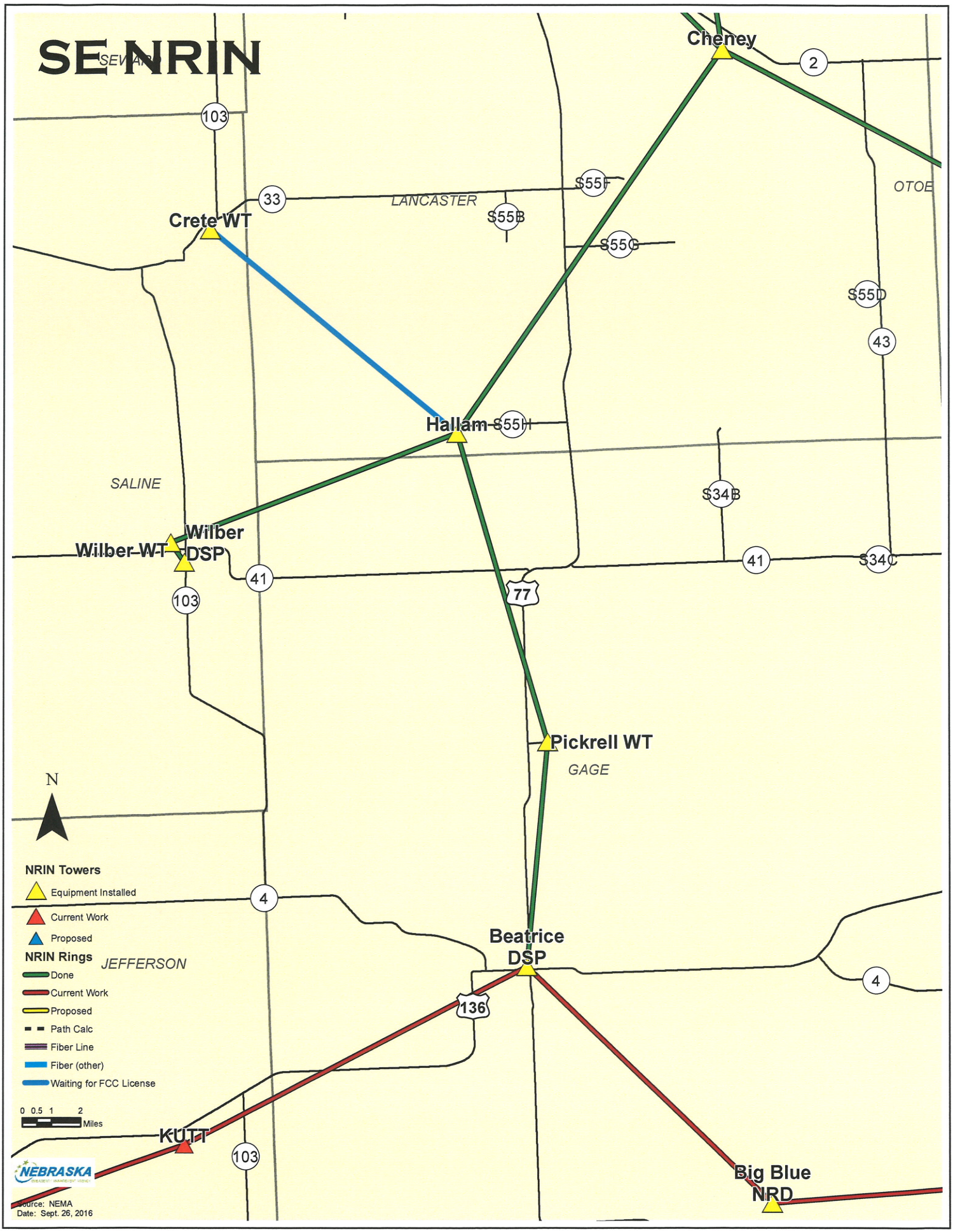
8. Adjourn

Jon Rosenlund made a motion to adjourn the meeting. The motion was seconded by Ray Richards; the motion passed by unanimous acclamation vote. The meeting was adjourned at 04:11 PM CST.

Acronym	Meaning
DHS	Department of Homeland Security
EAS	Emergency Alert System
FCC	Federal Communications Commission
IP	Internet Protocol address
NACO	Nebraska Association of County Officials
NCOR	Nebraska Council of Regions
NEMA	Nebraska Emergency Management Agency
NPPD	Nebraska Public Power District
NPSCC	Nebraska Public Safety Communications Council
NRIN	Nebraska Regional Interoperability Network
OCIO	Office of the Chief Information Officer
PET	Planning, Exercise, and Training
RFP	Request for proposals
SECC	State Emergency Communications Committee
SPR	State Preparedness Report
SRS	Statewide Radio System
SUG	Statewide Radio System Users Group
TDMA	Time division multiple access
TEPW	Training, Exercise, & Planning Workshop
THIRA	Threat and Hazard Identification and Risk Assessment
UHF	Ultra high frequency
VHF	Very high frequency

NRIN AS OF AUG. 31, 2016

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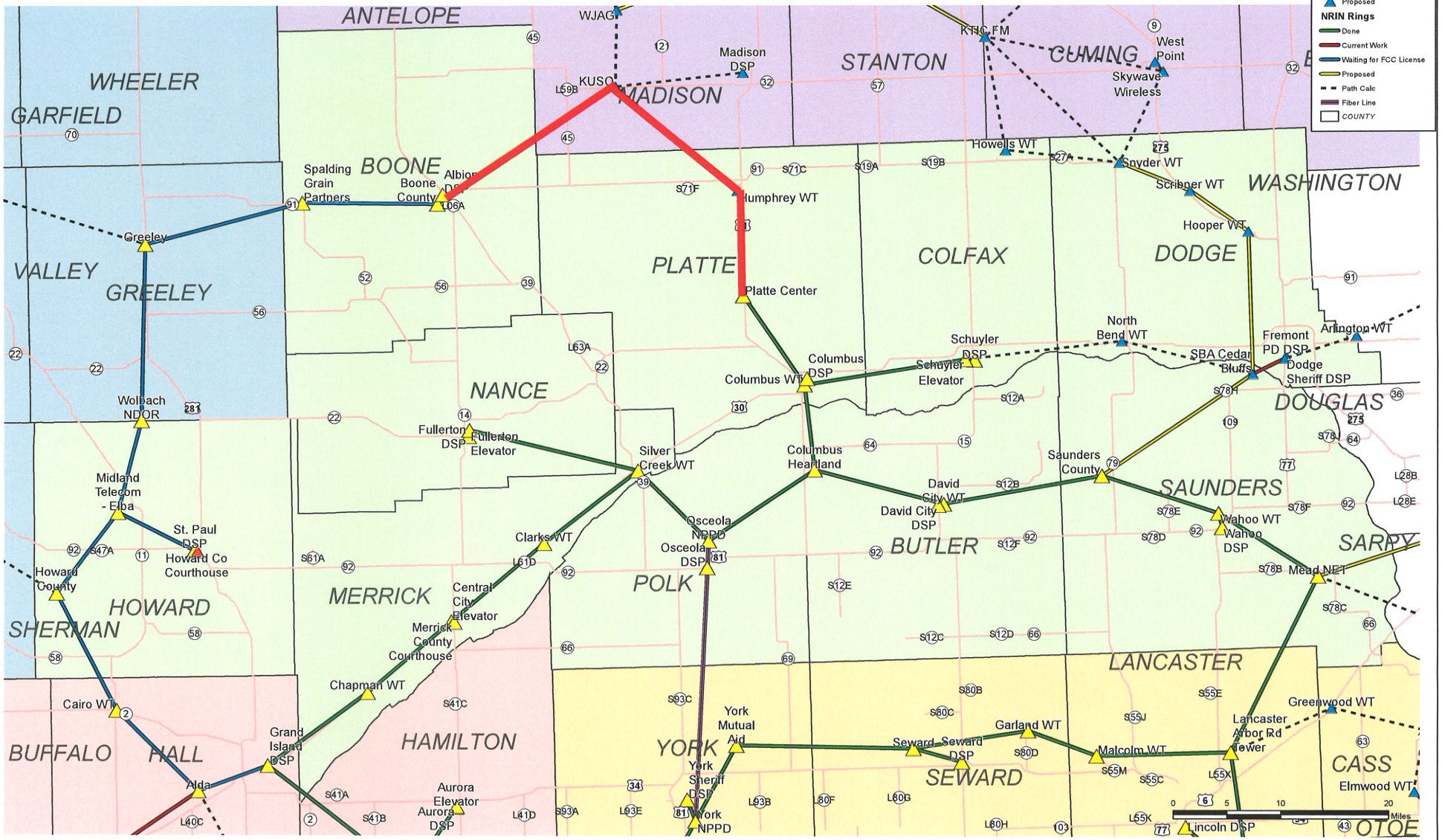
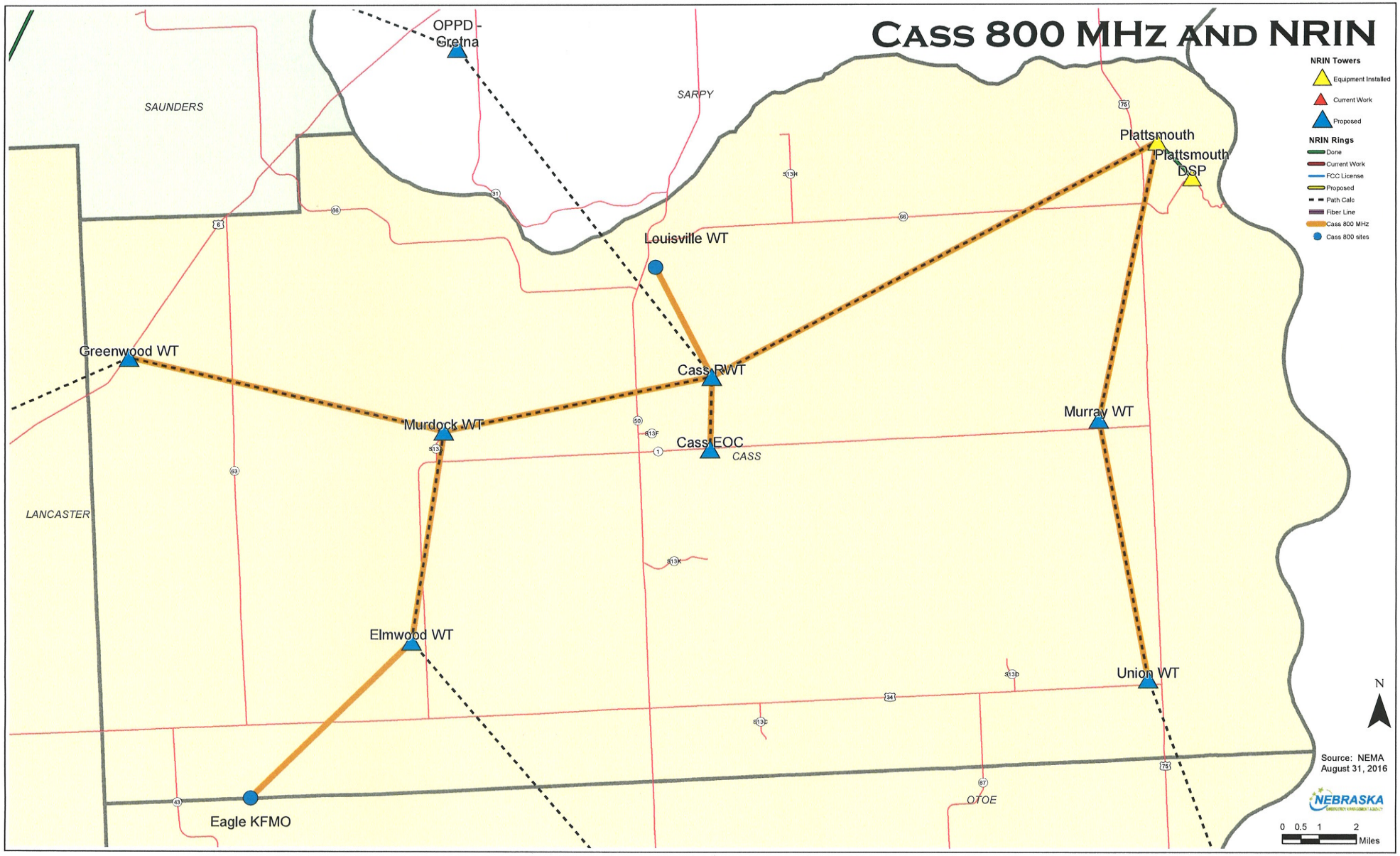
Date: Sept. 26, 2016

EAST CENTRAL REGION - NRIN TOWERS




Cass 800 MHz and NRIN
NRIN Towers
Equipment Installed
Current Work
Proposed
NRIN Rings
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SAUNDERS
SARPY
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Plattsmouth DSP
Louisville WT
Greenwood WT
Cass RWT
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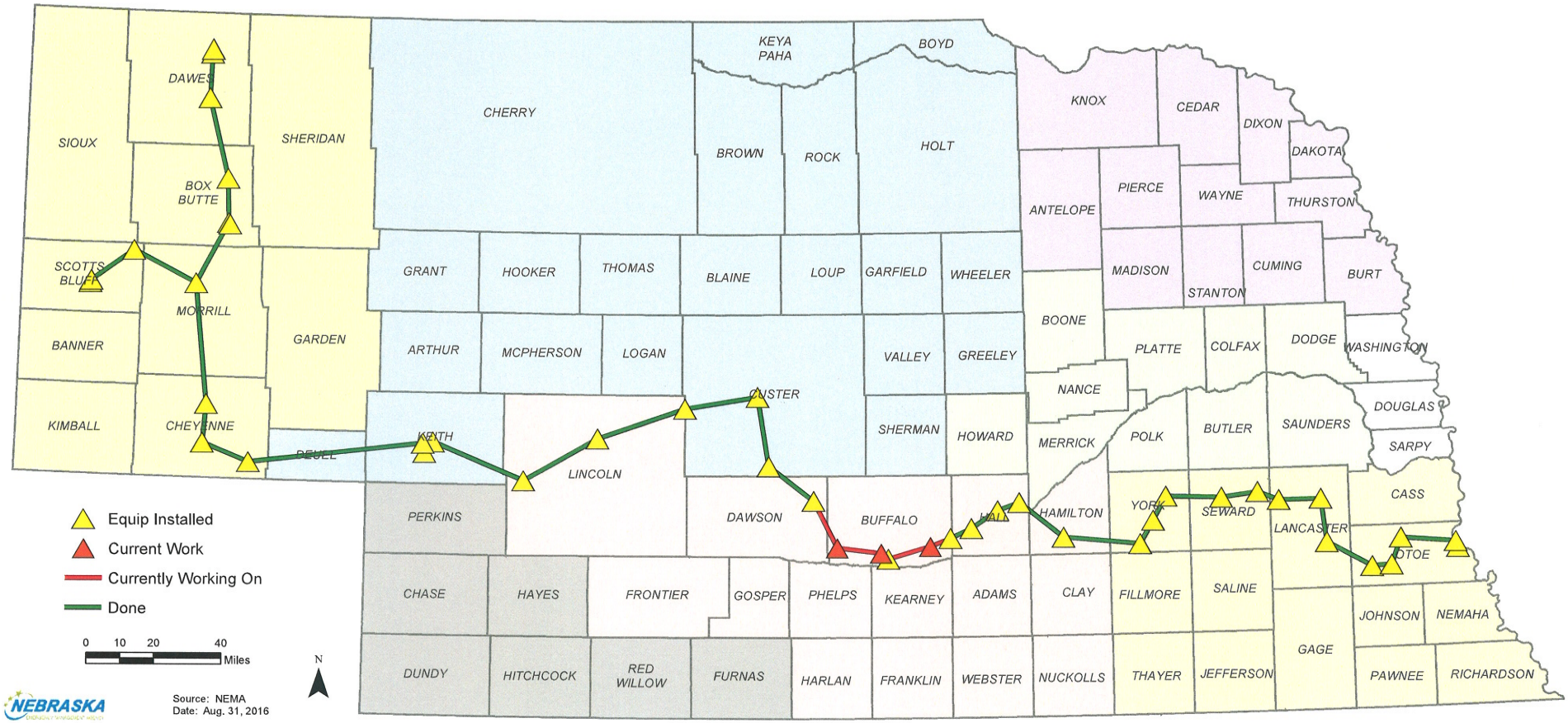
NRIN CONNECTION ACROSS THE STATE



Map Changed. Center latitude: 41.5597 ° North. Center longitude: 100.4532 ° West. Scale: one to 3,134,210.8710. Visible Features: 93 features visible on CountyBoundary. 348 features visible on NRINtowers.

Nebraska Regional Interoperability Network (NRIN)

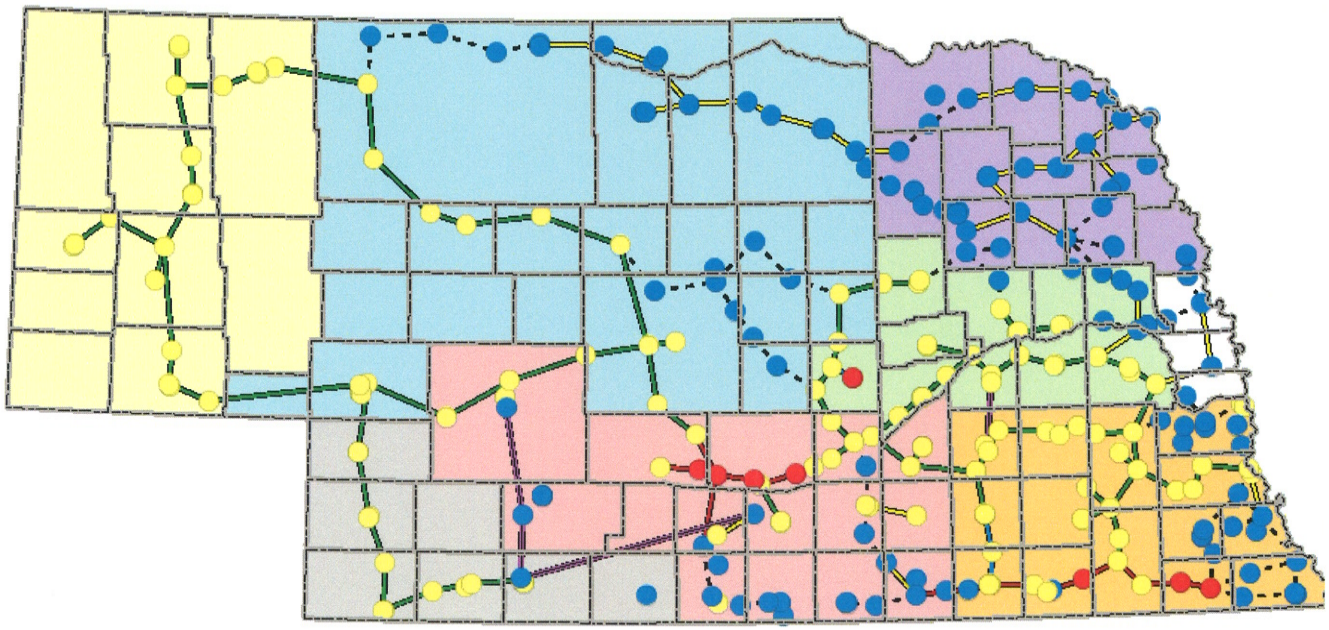
Search...

Sign out

Layers

- SRSTowers
  - SRS Towers
- NRIN
  - NRIN Towers
    - Equip Installed
    - Current Work
    - Proposed
  - NRIN Rings
    - Done
    - Current Work
    - FCC License
    - Proposed
    - Path Calc
    - Fiber Line
  - NRIN Regions
    - East Central
    - North Central
    - Northeast
    - Panhandle
    - South Central
    - Southeast
    - Southwest
    - Tri-County

Tools



State of Nebraska Office of the CIO

Layers

0 30 60mi

Opposite End: Giltner NET
Radio Model: Ceragon IP-10G
IDU SN: F103T01743

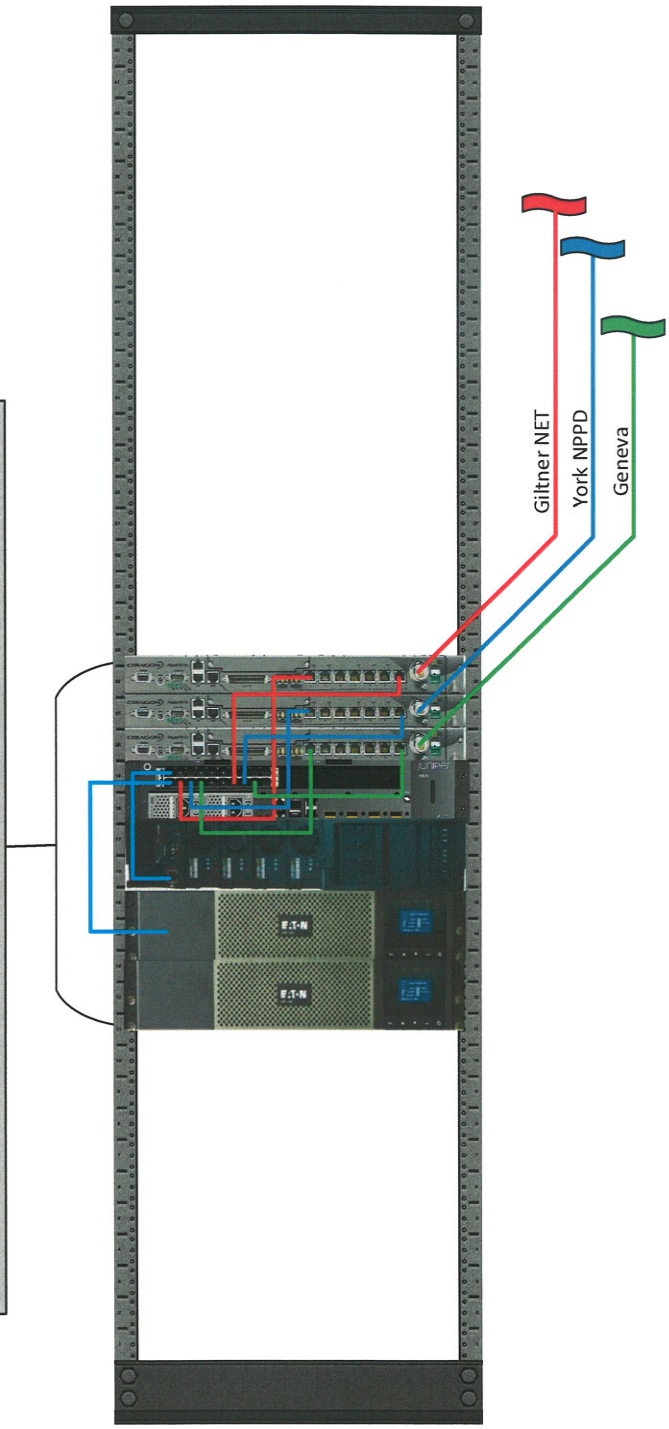
Opposite End: York NPPD
Radio Model: Ceragon IP-10G
IDU SN: F103U01716

Opposite End: Geneva
Radio Model: Ceragon IP-10G
IDU SN: F10319658

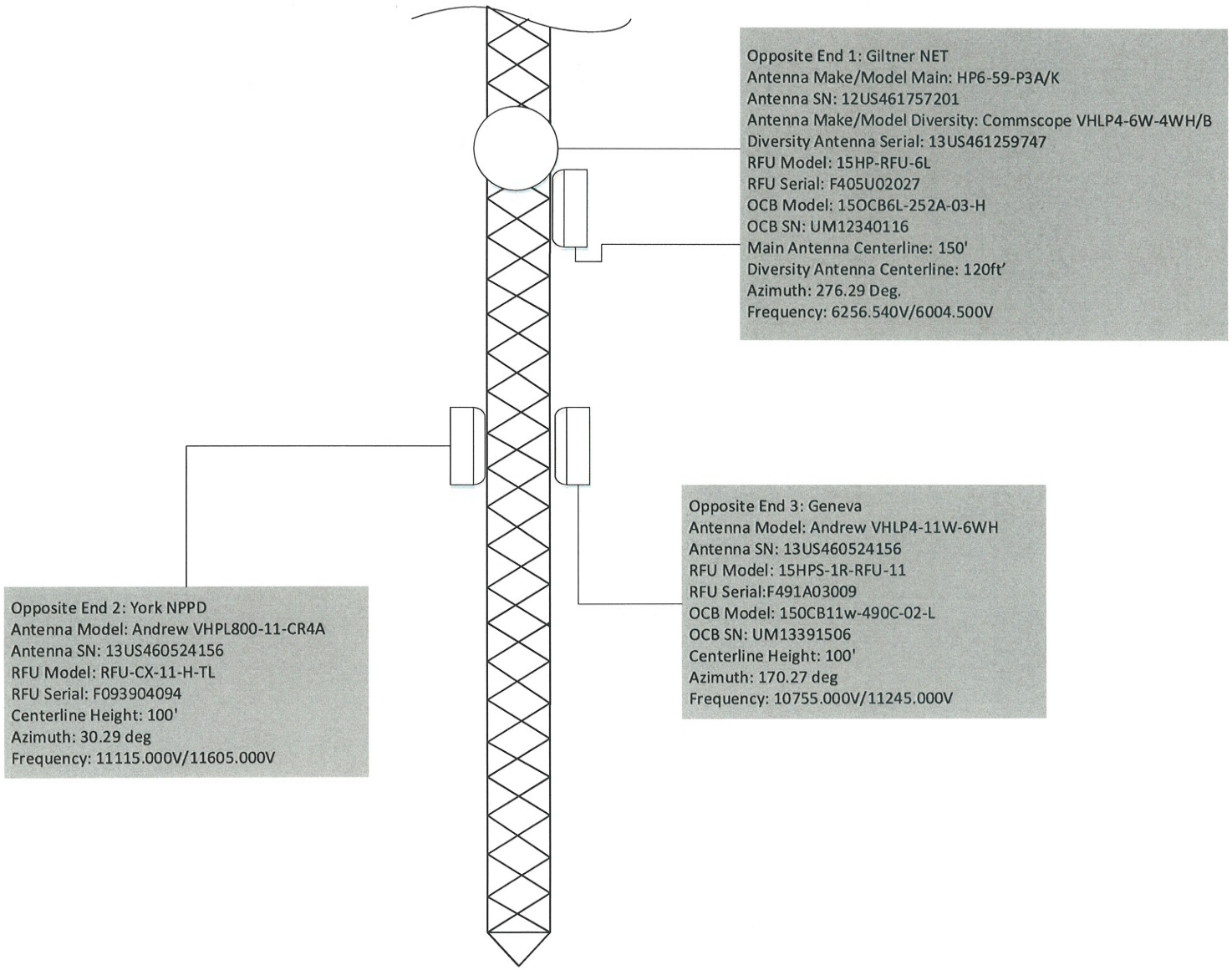
Router Model: Juniper CHAS-MX5-T-S-A
Router SN: T7731

Alpha Shelf SN: N301749/0711
Alpha Controller SN: 511030844920574
Alpha Rectifier Model: CXRF 48-1.2kv
Alpha Rectifier Slot #1 SN: 004386/0812
Alpha Rectifier Slot #3 SN: 004395/0812

UPS Model: Eaton 5PX1500RT
UPS SN: G090C37082
UPS Network Card SN: 301C50407
Battery Pack Model: 5PXEMB48RT
Battery Pack #1 Serial: G086D29169



Project: Nebraska Regional Interoperability Network		Revision: 1	Engineer: Josh Scheer	Notes:	Cornerstone Tower Service Inc. PO Box 5222 Grand Island, NE 68802 1-877-25-TOWER www.cornerstonetower.com
Site: McCool		Date: 3/4/2015	This drawing is the property of Cornerstone Tower Inc. Any duplication or distribution of materials herein is prohibited.		



Project: Nebraska Regional Interoperability Network		Revision: 1.0	Engineer: Josh Scheer	Notes:	Cornerstone Tower Service Inc. PO Box 5222 Grand Island, NE 68802 1-877-25-TOWER www.cornerstonetower.com
Site: McCool		Date: 3/9/2015	This drawing is the property of Cornerstone Tower Inc. Any duplication or distribution of materials herein is prohibited.		

Map Changed. Center latitude: 41.5597 ° North. Center longitude: 100.4532 ° West. Scale: one to 3,134,210.8710. Visible Features: 93 features visible on CountyBoundary. 348 features visible on NRINtowers.

Nebraska Regional Interoperability Network (NRIN)

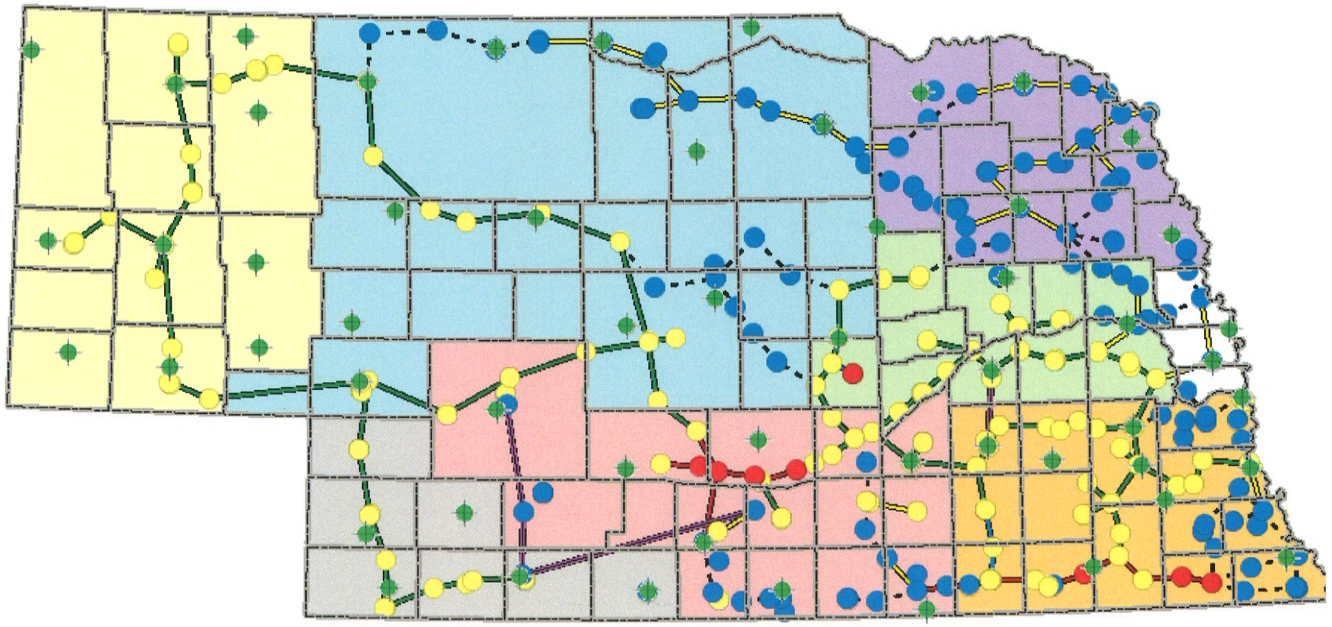
Search...

Sign out

Layers

- SRSTowers
  - SRS Towers
- NRIN
  - NRIN Towers
    - Equip Installed
    - Current Work
    - Proposed
  - NRIN Rings
    - Done
    - Current Work
    - FCC License
    - Proposed
    - Path Calc
    - Fiber Line
  - NRIN Regions
    - East Central
    - North Central
    - Northeast
    - Panhandle
    - South Central
    - Southeast
    - Southwest
    - Tri-County

Tools



State of Nebraska Office of the CIO

Layers

0 30 60mi

FEDERAL FINANCIAL REPORT

(Follow form instructions)

1. Federal Agency and Organizational Element to Which Report is Submitted	2. Federal Grant or Other Identifying Number Assigned by Federal Agency (To report multiple grants, use FFR Attachment)	Page	of
Department of Commerce, NTIA	31-10-S13031	1	1

3. Recipient Organization (Name and complete address including Zip code)

Nebraska Department of Administrative Servicesd 501 S. 14th, P.O. Box 95045, Lincoln, NE 68509-5045

4a. DUNS Number	4b. EIN	5. Recipient Account Number or Identifying Number (To report multiple grants, use FFR Attachment)	6. Report Type	7. Basis of Accounting
135074961	470491233		☑ Quarterly ☐ Semi-Annual ☐ Annual ☐ Final	☑ Cash ☐ Accrual

8. Project/Grant Period (Month, Day, Year)			9. Reporting Period End Date (Month, Day, Year)
From:	8/1/2013	To: 1/31/2018	06/30/2016

10. Transactions	Cumulative
(Use lines a-c for single or combined multiple grant reporting)	
Federal Cash (To report multiple grants separately, also use FFR Attachment):	
a. Cash Receipts	$ 294,703.91
b. Cash Disbursements	$ 312,512.75
c. Cash on Hand (line a minus b)	$ (17,808.84)
(Use lines d-o for single grant reporting)	
Federal Expenditures and Unobligated Balance:	
d. Total Federal funds authorized	$ 1,510,750.00
e. Federal share of expenditures	$ 312,512.75
f. Federal share of unliquidated obligations	$ -
g. Total Federal share (sum of lines e and f)	$ 312,512.75
h. Unobligated balance of Federal funds (line d minus g)	$ 1,198,237.25
Recipient Share:	
i. Total recipient share required	$ 377,688.00
j. Recipient share of expenditures	$ 113,911.10
k. Remaining recipient share to be provided (line i minus j)	$ 263,776.90
Program Income:	
l. Total Federal share of program income earned	
m. Program income expended in accordance with the deduction alternative	
n. Program income expended in accordance with the addition alternative	
o. Unexpended program income (line l minus line m or line n)	

11. Indirect Expense	a. Type	b. Rate	c. Period From	Period To	d. Base	e. Amount Charged	f. Federal Share
				g. Totals:	0	0	0

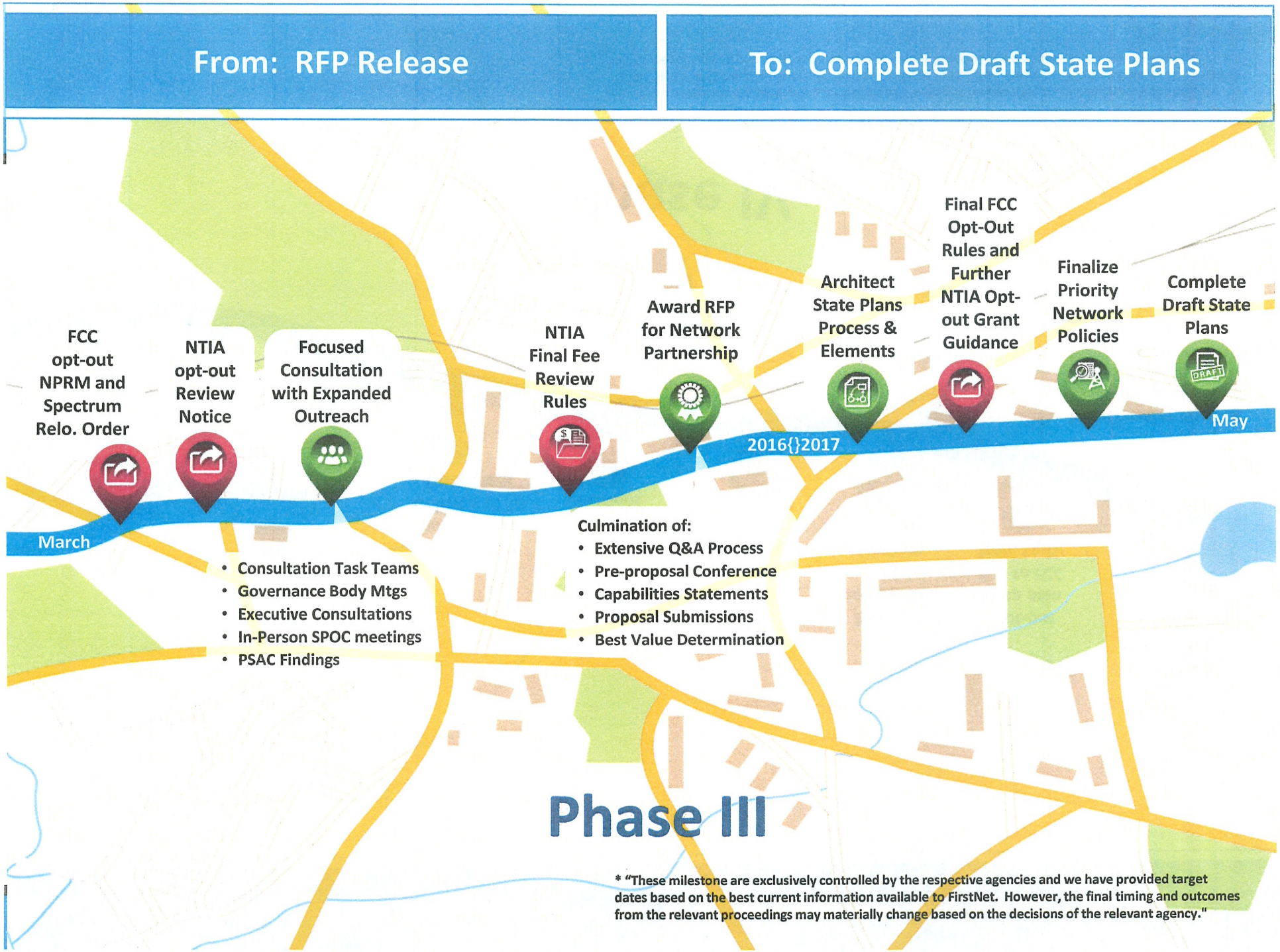
12. Remarks: Attach any explanations deemed necessary or information required by Federal sponsoring agency in compliance with governing legislation:

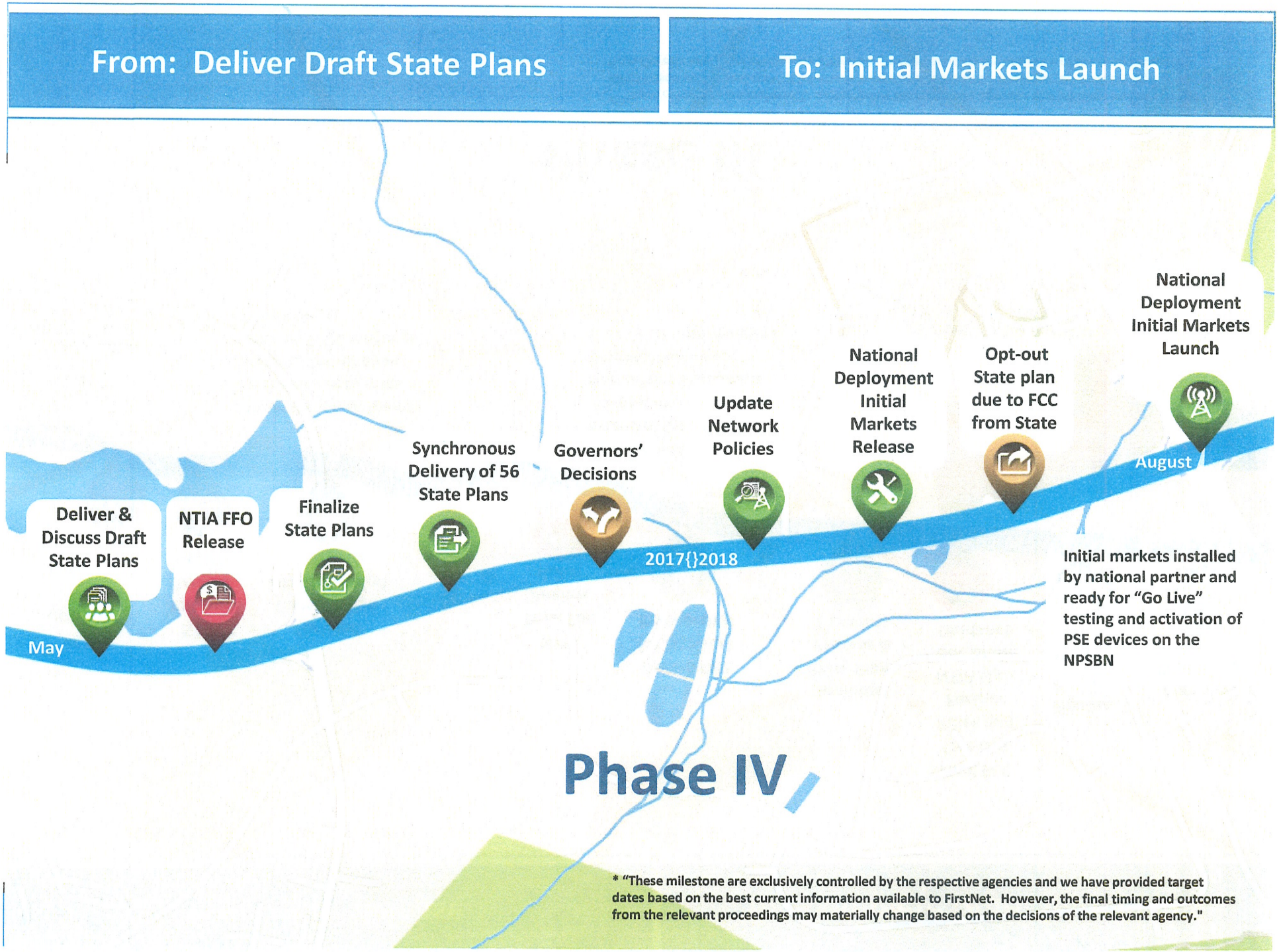
13. Certification: By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and intent set forth in the award documents. I am aware that any false, fictitious, or fraudulent information may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)

a. Typed or Printed Name and Title of Authorized Certifying Official	c. Telephone (Area code, number, and extension)
Bob Wilhelm, State and Local Implementation Grant Program Program Manager	402-471-191-73
	d. Email Address: Bob.Wilhelm@Nebraska.Gov
b. Signature of Authorized Certifying Official: Bob Wilhelm	e. Date Report Submitted (Month, Day, Year): 7/26/2016
	14. Agency use only:

Standard Form 425 - Revised 10/11/2011
OMB Approval Number: 0348-0061
Expiration Date: 2/28/2015

Paperwork Burden Statement
According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is 0348-0061. Public reporting burden for this collection of information is estimated to average 1.5 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0061), Washington, DC 20503.


From: RFP Release
To: Complete Draft State Plans
FCC opt-out NPRM and Spectrum Relo. Order
NTIA opt-out Review Notice
Focused Consultation with Expanded Outreach
NTIA Final Fee Review Rules
Award RFP for Network Partnership
Architect State Plans Process & Elements
Final FCC Opt-Out Rules and Further NTIA Opt-out Grant Guidance
Finalize Priority Network Policies
Complete Draft State Plans
March
2016{}2017
May
Consultation Task Teams
Governance Body Mtgs
Executive Consultations
In-Person SPOC meetings
PSAC Findings
Culmination of:
Extensive Q&A Process
Pre-proposal Conference
Capabilities Statements
Proposal Submissions
Best Value Determination
Phase III
* "These milestone are exclusively controlled by the respective agencies and we have provided target dates based on the best current information available to FirstNet. However, the final timing and outcomes from the relevant proceedings may materially change based on the decisions of the relevant agency."


From: Deliver Draft State Plans
To: Initial Markets Launch
Deliver & Discuss Draft State Plans
NTIA FFO Release
Finalize State Plans
Synchronous Delivery of 56 State Plans
Governors' Decisions
Update Network Policies
National Deployment Initial Markets Release
Opt-out State plan due to FCC from State
National Deployment Initial Markets Launch
May
2017{}2018
August
Initial markets installed by national partner and ready for "Go Live" testing and activation of PSE devices on the NPSBN
Phase IV
* "These milestone are exclusively controlled by the respective agencies and we have provided target dates based on the best current information available to FirstNet. However, the final timing and outcomes from the relevant proceedings may materially change based on the decisions of the relevant agency."

FirstNet®

FirstNet's vision for the State Plan is an online portal that will debut FirstNet's products and services designed to meet the unique needs of Public Safety. The portal will also include the necessary technical specifications and requirements for States/Territories interested in assuming the responsibilities of deploying the Radio Access Network ("Opt-Out"), including the funding level as determined by NTIA.

FOR PUBLIC SAFETY

This section will detail products and services for Public Safety agencies considering adopting FirstNet, such as:

COVERAGE

Band 14 coverage, possible non-Band 14 coverage, and deployable options

APPLICATIONS AND FEATURES

Public Safety-facing applications, Quality of Service, Priority and Pre-emption (QPP), ICAM and Mission Critical services

SERVICES

Plans, pricing, procurement options, security, and customer support

DEVICES AND ACCESSORIES

Band 14 device portfolio, accessories, and wearables

FOR POTENTIAL STATE RAN PARTNERS

This section will provide technical specifications and requirements for Opt-Out proposals on topics such as:

POLICY COMPLIANCE

FirstNet policies on coverage, security, performance and other matters must be planned for and adhered to in Opt-Out scenarios.

TIMEFRAME/COST

Opt-Out proposals must be comparable in terms of deployment timeframe and cost. Cost comparison metrics will be included.

INTEROPERABILITY

Alternative RAN proposals must have and maintain interoperability with the FirstNet core throughout the terms of agreement. Network policies and equipment specifications will be included.

Sensitive or proprietary information in this section of the State Plan will be protected with access controls.

FirstNet®

WHAT IS THE STATE PLAN DRAFT?

An **OPPORTUNITY** for States/Territories to review and discuss FirstNet's RAN proposal **PRIOR** to delivery to Governors.

State Plan drafts will be developed by FirstNet and its Partner and delivered online

Drafts may be released simultaneously to States and Territories

The draft review process must be time-constrained to control costs and prevent delays

State Plan drafts are not required by the Act, and will not be written by States

WHAT IS THE SCOPE OF OPT-OUT?

States that Opt-Out **ASSUME THE RESPONSIBILITY** and associated **COSTS** and **RISKS** for the ongoing deployment, operation, maintenance, and improvement of the RAN in their State, which must be maintained in accordance with FirstNet's network policies. Opt-Out **SHOULD BE COST-NEUTRAL TO THE NPSBN**, and **DOES NOT IMPACT** FirstNet's network services, single spectrum license, or customer relationships.

OPT-OUT STATES:

- MUST apply to the FCC to build a State RAN
- MUST apply to sub-lease FirstNet spectrum capacity
- MAY apply to NTIA for RAN construction grant funding

BUT...

IN ALL STATES AND TERRITORIES:

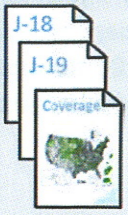
- FirstNet will be dedicated to delivering the best service possible to public safety
- FirstNet service will be available for public safety agency adoption
- FirstNet network policies – such as priority, local control, and security – will be consistent

WHERE ARE STATE INPUTS?

State- and Territory-provided inputs have informed FirstNet's decision-making **EVERY STEP OF THE WAY**. Insights and interactions from **INITIAL CONSULTATION**, the **ACQUISITION PROCESS, PUBLIC NOTICE** processes, and **DATA COLLECTION** informed FirstNet's RFP, and thus the State Plan.

55 Initial Consultations
54 State Data Submissions
3 Public Notices
1 Special Notice Release

} **1 RFP**

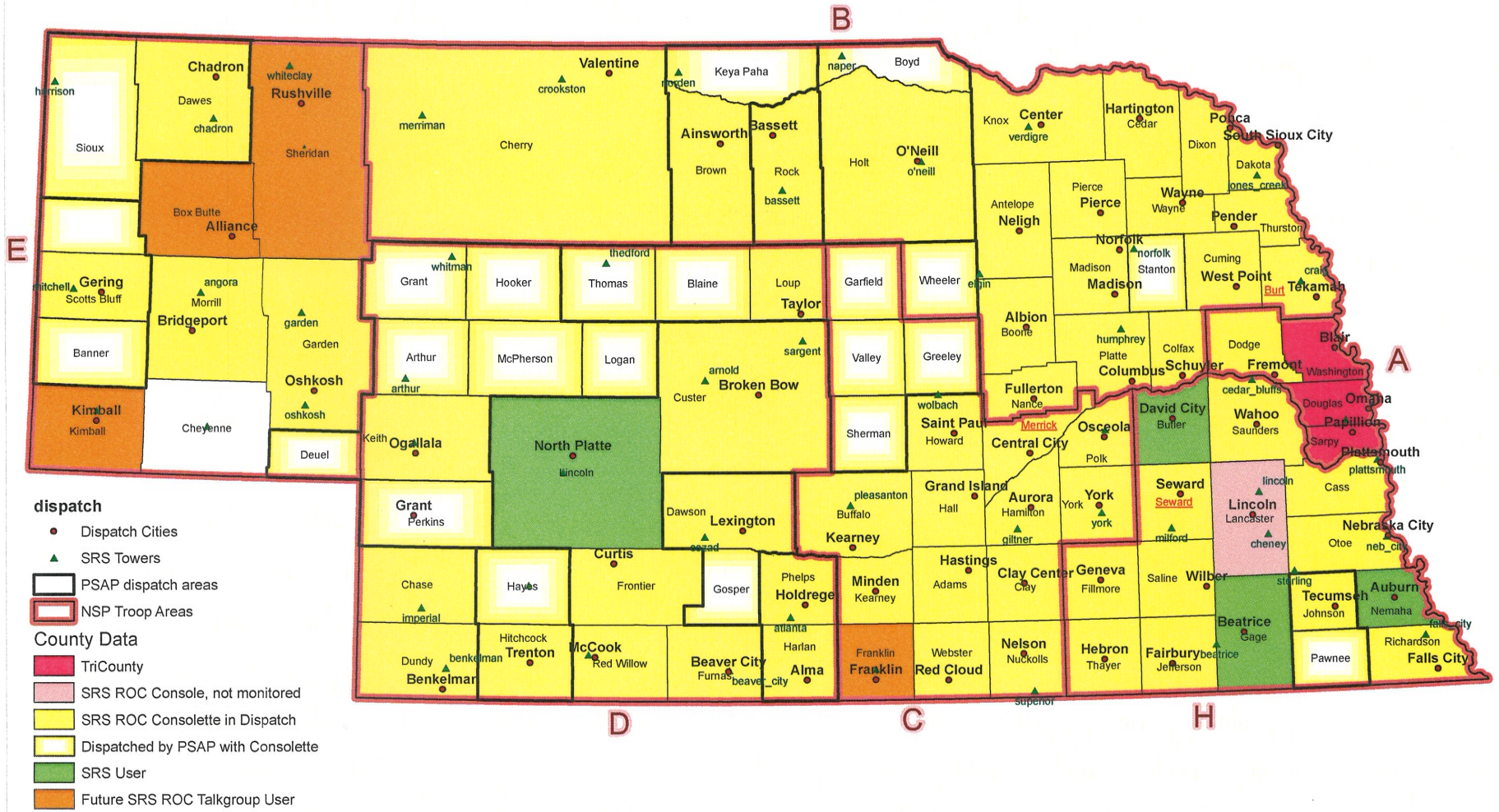


FUTURE OPPORTUNITIES:

- ★ (Optional) updated data due 9/30/16
- ★ Consultation with Public Safety will continue beyond State Plan delivery

Nebraska Statewide Radio System (SRS) ROC Talkgroup Implementations

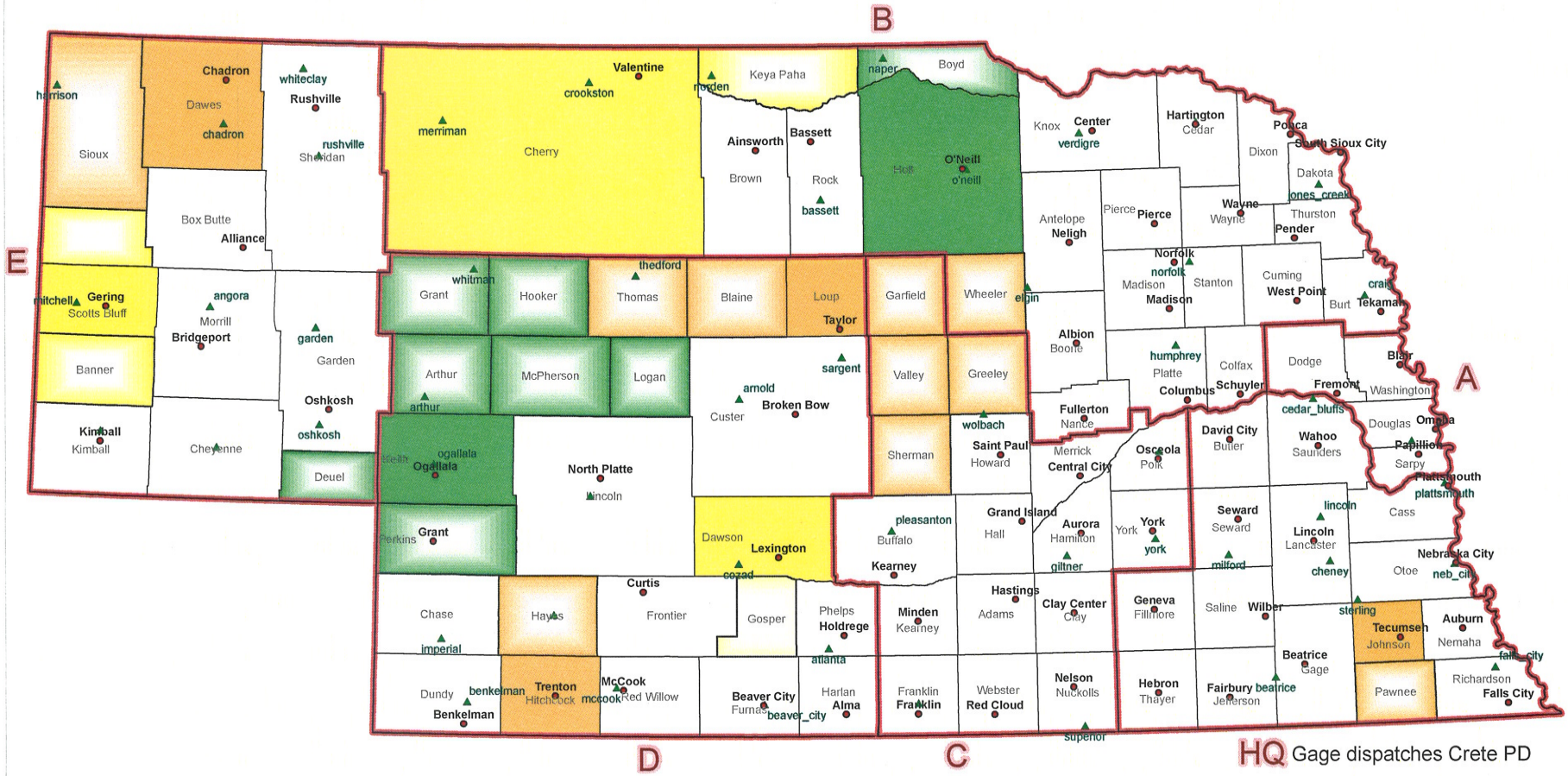
ROC = Regional Operations Common
proposed effective 08-30-2016



updated 08-30-2016

Nebraska Dispatch Regions

updated 08-30-2016



Becoming a Statewide Radio System Subscriber – Process and Considerations

The Nebraska OCIO Public Safety Communications group guides you through the process of determining if the SRS is a good fit for your operations.

There are three different ways to phase into the SRS:

1. Implement a new dispatch system networked into the SRS and also bring your radio system users, usually law enforcement and emergency management, onto the SRS with SRS radios. Butler County used this method. The fire departments continue to operate on their UHF system but can still be dispatched by Butler County Dispatch and patched to the other public safety responders and law enforcement through their SRS-networked dispatch consoles.

2. Bring your radio system users onto the SRS with SRS radios, e.g., the Sheriff's Office, and budget to implement SRS networked dispatch consoles in the near future. Nemaha County used this method. Lincoln County Sheriff's Office started with this method a few years ago; and their dispatch center (North Platte PD) has now installed SRS-dispatch consoles.

3. Implement a new SRS networked dispatch system while your users continue to operate on your existing radio system until you can budget to bring them onto the SRS with SRS radios. Colfax County and Cass County used this method. They had received end of life notices from their dispatch console system manufacturers, so they purchased SRS dispatch consoles and networked into the SRS. They will budget for new radios for their users at a later time.

Cost Considerations and Who Will Be Involved in Providing the Equipment and Services

Joining the SRS involves a collaboration of multiple resource providers:

- Nebraska OCIO bills you for the use of the SRS infrastructure and network. The current rates are:
    - Per SRS VHF subscriber unit: $11.00 per month
    - Per SRS-networked Dispatch Position: $15.00 per month
    - Per SRS Talkgroup recorded (optional service): $7.00 per month
- Radios, Dispatch System, Upgrade Agreement and Security Update Service. Your Motorola equipment and services provider would meet with you to assess your needs and provide quotes. They would project manage the equipment and related upgrade and support services implementation and you would be billed by them directly.
- If you purchase SRS dispatch positions, you would need to purchase connectivity to the SRS network. You would obtain quotes and purchase the network connectivity from any network provider that services your area and meets the SRS network connectivity specs. You would be billed directly by your chosen network vendor/s. Redundant connectivity is recommended.
- Any premise preparation to meet the space and electrical, etc. specs for equipment being installed would be your responsibility.

To start the evaluation process, contact Pam Kemper, SRS Coordinator, 402-471-0209
pam.kemper@nebraska.gov

Free SRS Mobile Radio Program

Here is the link to apply for the SRS free radios.

http://content.motorolasolutions.com/promo/nebraska/promos.html

It is anticipated the radios will start to become available around Aug-Sept 2016. Motorola will be sending notification to Sheriffs. The state's goal is to inform Nebraska rural law enforcement of this unique and limited opportunity. Let us know if you have questions!

Nebraska State Motorola SRS Radio Equipment Contract

6/23/2016 thru 12/15/2017

Here is the link to the new State Motorola Radio Equipment contract:

http://das.nebraska.gov/materiel/purchasing/contracts/pdfs/14534(oc)awd.pdf

Note the 40% discount on radios now until 12/15/2017.

Discount goes down to 30% after 12/15/2017