



South Dakota Public Safety Communications Council



December 2015 Meeting

Pierre

12/17/2015

Agenda

Call to order -- Matt Tooley

Roll Call of Members

Police Chiefs – Dave Kull

Sheriffs Organization -- Dave Ackerman

Division of Criminal Investigation – Dan Satterlee

South Dakota Game, Fish, & Parks -- Andy Alban

South Dakota Department of Transportation -- Greg Fuller

South Dakota National Guards – SSG David Goodwin

South Dakota Emergency Managers Association – Harold Timmerman

South Dakota Fire Fighters Association -- Dennis Gorton

South Dakota Association of Health Care Organizations – Scott Duke

South Dakota Department of Public Safety – Jason Husby

South Dakota APCO/NENA Chapter -- Matt Tooley

South Dakota Emergency Medical Technicians Association -- J.D. Geigle

South Dakota Department of Agriculture/ Wildland Fire – Paul Reiter

South Dakota Association of County Commissioners -- Bob Wilcox

South Dakota Department of Health -- Rick LaBrie

Tribal Government -- Larry Jandreau

Federal Government – Jesse Berain

Bureau of Information and Telecommunications -- Jeff Pierce

Additional Agenda Items

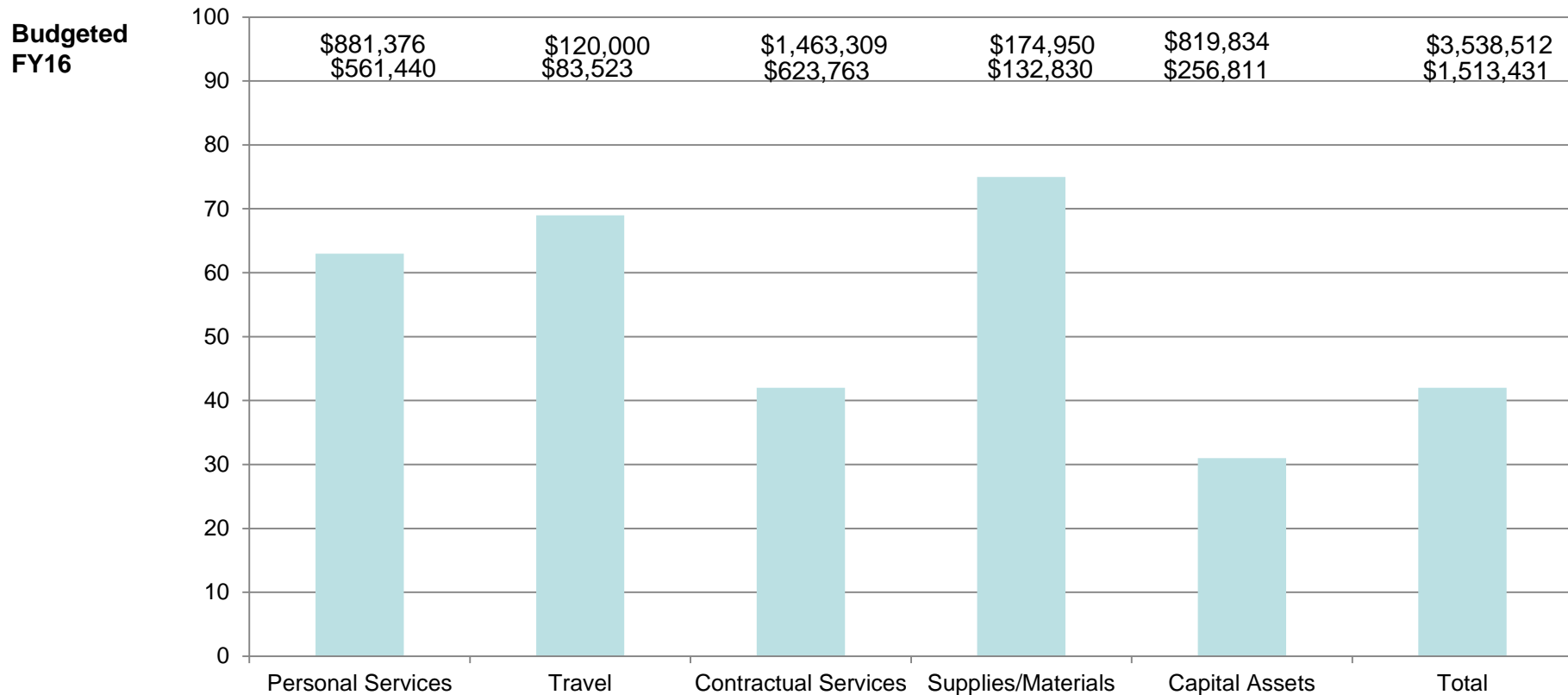
Approval of September meeting minutes --

Old Business

1. 2016/2017 Budget

- Deferred \$198,000 to FY2016 for Motorola support payment.
- Appx. \$100k. to install sump pumps in basement of Becker-Hanson to protect Master Site.
- SLIGP funds expended total-- \$55,693 (match), \$115,385 (federal), \$171,079 (total)
- Tower revenue fund \$313,054 but need to replace Madison and Corson towers.
- Requested \$200,000 in general funds to pay for the system support (software & security). Last two years we have deferred \$200k to pay for this, which puts everything else behind.
- The only budget expansion request within BIT granted for the upcoming fiscal year, made it into the governors budget, hopefully will make it through session.

Fiscal Year 2016



2. Grant Status

- SLIGP Grant: \$1,238,103(federal), \$309,528(State), \$1,547,631(total) – Expended to date \$171,079
- Phase 2 (Data collection) portion of the grant is underway, full amount of the grant is now available.

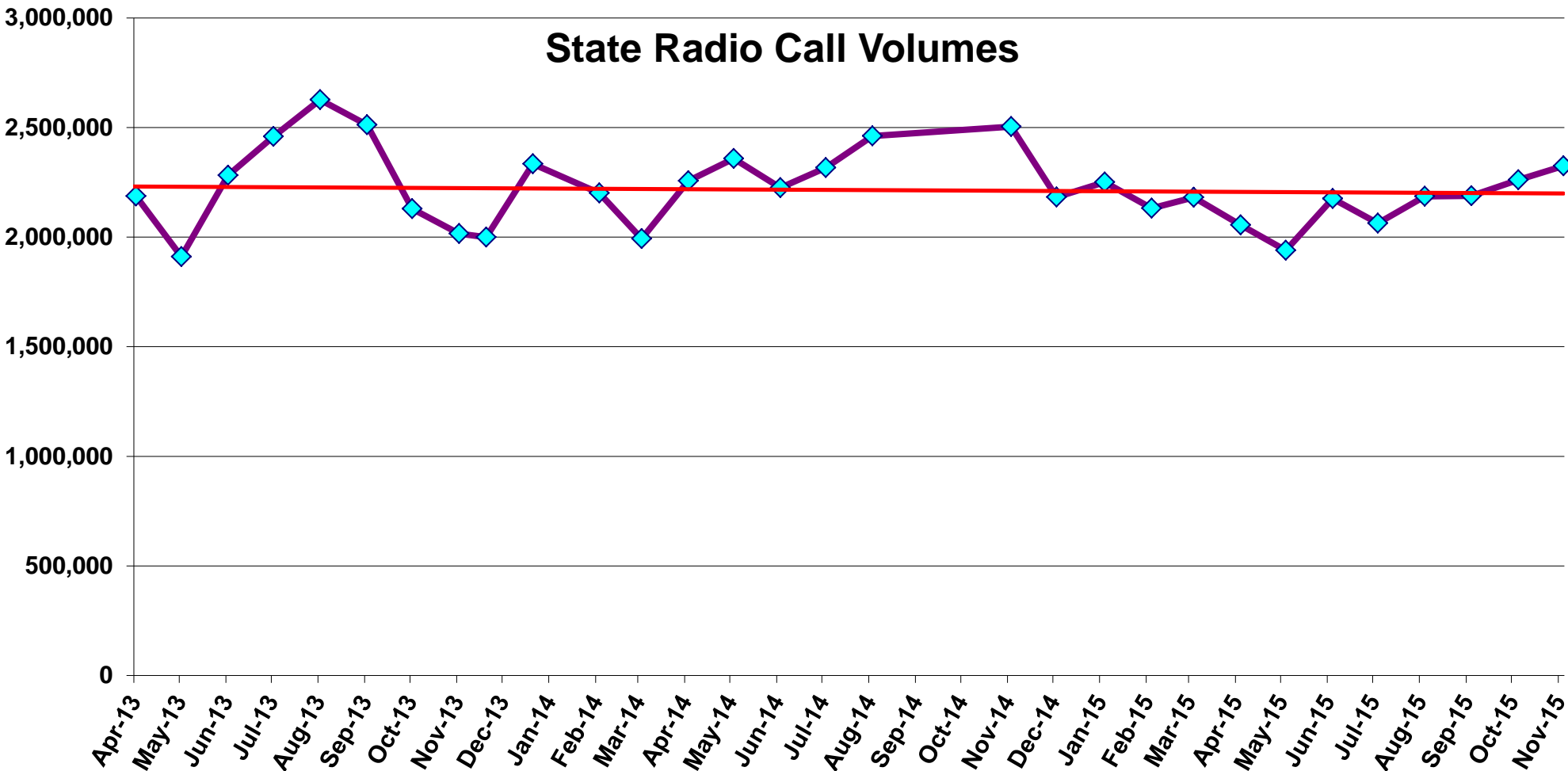
3. Digital Radio Infrastructure Updates

- Updates on sites– Pierce/Dravland

Site/ System Updates:

- Turkey Ridge tower lights replaced with LED lighting.
- Castle Rock tower lights replaced- lightning damaged, also LED lighting.
- Replaced Rx and Tx antennas at Yankton site
- Winner replaced bad feedlines
- Wall site work, interference to West River Electric repeater
- Porcupine site replaced open antenna
- Long Valley, re-racked equipment, removed Quantar's, shortened cables, cleaned up.
- Aberdeen site, replaced bad Rx antenna.
- Tested feedlines at Bowdle, site good.
- Power supply issues at Desmet in GTR8000 repeaters, due to fly issues, that has been corrected.
- Miller site, replaced Microwave transceiver by Venture communications.
- T1 to Metro reconfigured, cleared alarms thus far.
- Worked with Fall River Dispatch on coverage/ site issues, small area of poor coverage in box canyon,
- Replacing batteries in UPS units at multiple sites
- Working on the site at Elk Point.
- Corson/Madison towers will need to be replaced next spring.

State Radio Call Volumes



4. SCIP Update

- The E-SCIP is out on pstools.info, but is password protected, working on seeing if getting a public interface
- Working on getting the annual update completed

5. 700 MHz Plan

- Waiting on Wyoming for concurrence before last step of filing with FCC.

6. OEC Updates, Dan Hawkins

- Request for another Incident Dispatch Course. Will try to get PSAP's to coordinate training this time..

7. Train the Trainer Program

http://www.sdpscc.sd.gov/documents/RadioTrainer5_000.pdf

We have been referring folks to this resource for local radio training programs. Todd and Jeff need to review and update

8. NPSBN

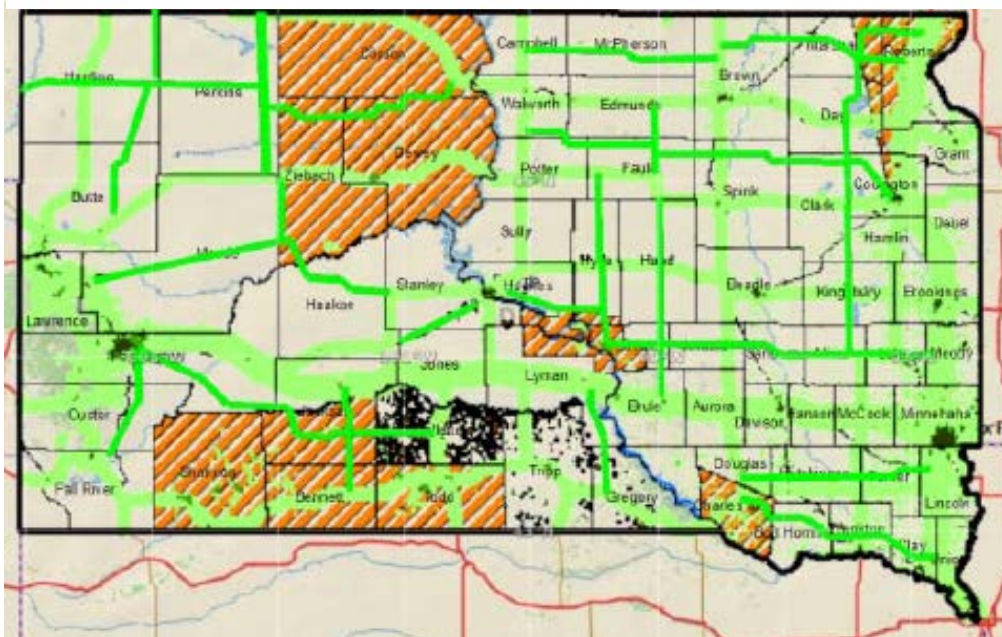
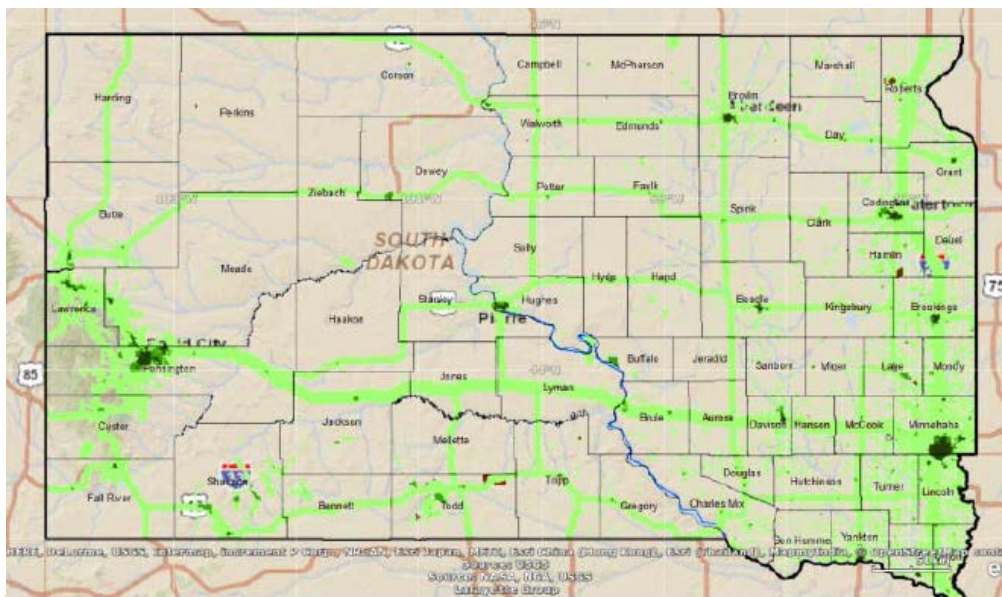
- South Dakota filed our data collection results and coverage buildout requirements based upon recommendations of this body.
- FirstNet approved release of the RFP on 12-9-2015.
- South Dakota team working on the NPSBN project is pondering a 2016 strategy for outreach.
- Significant question for Governors Office is the potential for cost associated with opting in. Affects ability to opt in actively.
- During 2016 we need to identify how this program fits into our systems and networks, RMS, SDLETS, CAD
- Consultant for review of South Dakota Plan?

Offenses by Capita

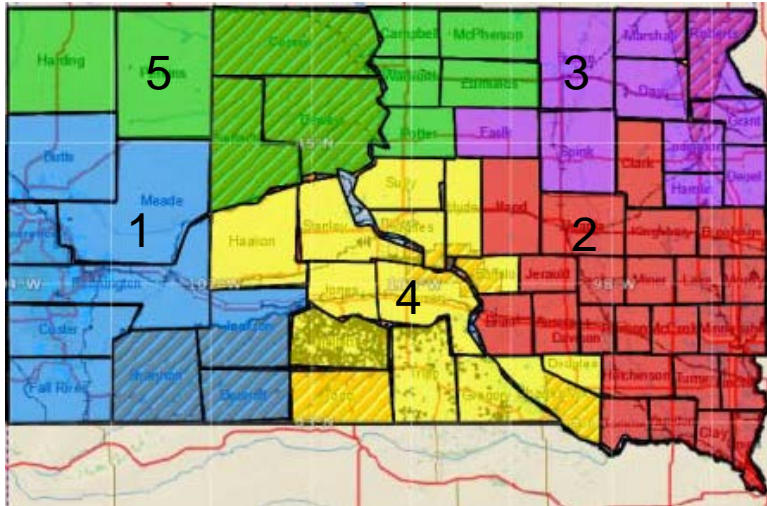
- Blue, Phase 1
- Green, Phase 2
- Purple, Phase 3
- Yellow, Phase 4
- Brown, Phase 5



Baseline & Enhanced Baseline Maps

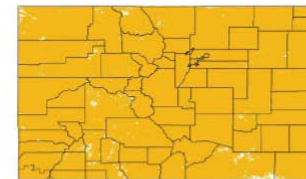
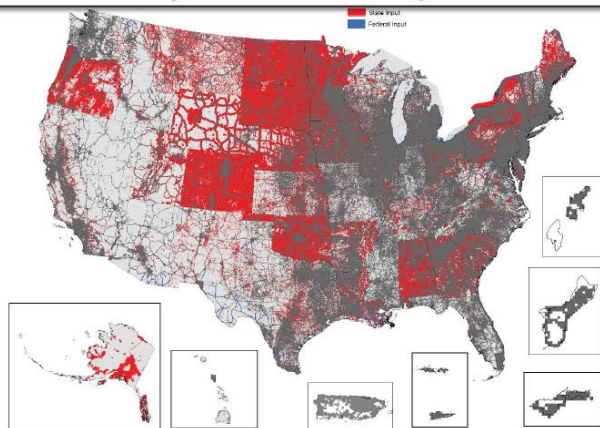


South Dakota Methodology

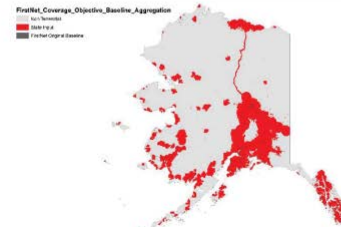


1. Primary information lacking in a decision process: roaming
2. This model fits the areas of how we operate.
3. Big concern of having to maintain another service.
4. Every phase incorporates urban, rural, and tribal.
5. Phases 1 and 2 incorporate appx 70% of responders.
6. No version of the baseline coverage map was acceptable for statewide units or county-level units.
7. We understood this was not the 1 sq. mile grid format requested, but day to day activities are NOT limited to where SD has "stuff" or people.
8. Other states had varying coverage objectives as well.

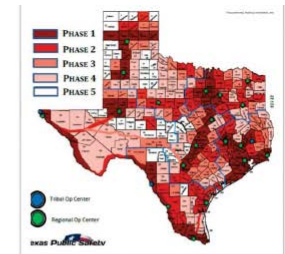
FirstNet Baseline + State Inputs + Federal Inputs



Colorado Coverage Objective



Alaska Coverage Objective

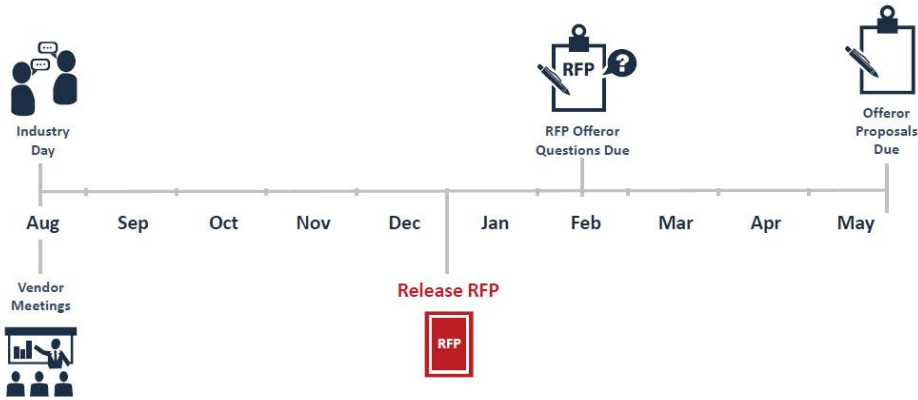


Texas Coverage Phasing




Tennessee Coverage Phasing

FirstNet is On Schedule For a December RFP Release to Industry



Timelines

THE ROAD TO FIRSTNET



2014-2016

- Business plan
- Outreach and awareness
- Collect local data and design network
- Develop and award supplier RFP
- Establish network core

2016+

- Governor reviews design offer and opts in or out of FirstNet network deployment
- Integrate Next Generation 9-1-1

HOW MUCH WILL IT COST?

To offer public safety grade services at a cost that's competitive and compelling to users.

– FirstNet Tenet

2022

Last spectrum auction
Network substantially in operation

9. P25 Migration/System Updates

- Need to keep this on our radar, hopefully industry will clear up in next few years, many other states in same boat, a lot of them are behind us in this process.

10. Broadband Subcommittee

- We are making another request in our mailing, hopefully can generate some interest.

11. Radio Collection/Distribution Process

12. Other

New Business

1. Harrisburg School Shooting Incident – Timmerman/Tooley

2. Open Meeting considerations.

3. Review of FirstNet SPOC meeting – Pierce/Waldner

4. Review of SWIC meeting in Oklahoma – Pierce

5. Mobile Data Survey tool request for all agencies – Waldner

6. Corson/Madison tower replacements.

7. Travel reimbursement forms

8. Other

Organizational Reports

Police Chief's Assn. – Dave Kull
Sheriffs Assn. -- Dave Ackerman
DCI -- Attorney General – Dan Satterlee
GFP -- Andy Alban
DOT -- Greg Fuller
National Guard – SSG David Goodwin
Emergency Managers – Harold Timmerman
Firefighters -- Dennis Gorton
Healthcare – Scott Duke
Dept. of Public Safety – Jason Husby
APCO/NENA -- Matt Tooley
EMT's -- J.D. Geigle
Wildland Fire/DOA – Paul Reiter
County Commissioners -- Bob Wilcox
Health Dept. -- Rick LaBrie
Tribal Governments -- Larry Jandreau
Federal Government – Jesse Berain
BIT Engineering -- Jeff Pierce

Closing Comments

Vice-chair – JD Geigle
Member at Large – Dave Ackerman
Chair -- Tooley

Next Meeting: date, time, location.