



Board of Commissioners

606 5th Ave. SW, Room #131

Roseau, MN 56751

Phone: 218-463-4248

Fax: 218-463-3252

May 10, 2011

WORK SESSION AGENDA

8:30 Call to Order

8:35 Comments and Announcements

8:40 Discussion

1. Hay Creek/Norland Project PILT Payment
2. RRWD Abatement

9:30 Buddy Erickson - Red River Valley Development Association Update

10:00 Emergency Manager Gracia Nelson, Communications Specialist Pat Novacek

1. Roseau County Communication Participation Plan

10:05 Review Bills

10:10 Review Agenda for Regular Board Meeting

10:15 Identify Future Work Meeting Topics

10:20 Adjourn

To schedule an appointment with the Board, please contact the County Coordinator at 218-463-4248

County Coordinator's e-mail address: trish.klein@co.roseau.mn.us

Roseau County Home Page Address: <http://www.co.roseau.mn.us/>

District 1, Glenda Phillipe, - District 2, Jack Swanson,
District 3, Roger Falk - District 4, Russell Walker; Vice-Chair - District 5, Mark Foldesi; Chair

An Equal Opportunity Employer

ITEM # _____
REQUEST FOR BOARD ACTION
 * Required Fields



*Person Responsible for Request Foldesi, Mark	*Department District 5 Commissioner	*Board Meeting Date May 10 2011
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***Subject Title (As it will appear on the agenda):**
 Haycreek Norland Impoundment Payment in Lieu of Taxes

***Background (Provide sufficient detail of the subject):**
 Roseau County may request a payment in lieu of taxes from the Roseau River Watershed District as a one time payment for revenue lost due to removal of property from the tax rolls for a flood reduction project. The Board will discuss whether this is an option they would like to pursue. The payment would be in an amount approximately equal to 20 years of lost revenue. It is a one time payment and the county cannot engage in any further revenue recapture.

***Financial Consideration:**
 There is no cost but having this plan may open funding opportunities for Roseau County's communication needs.

***Legal Consideration:**

***Other Consideration:**

***Resolution (Wording should reflect the intent of the Board vote):**
 See attachment

Coordinator's Office Use (Do Not Write Below)

Date Received:	Comments:

Board Action:

Comm.	Motion (First)	Motion (Second)	Vote			Vote Result
			Yes	No	Abstain	
Swanson						Passed
Phillipe						
Foldesi						Failed
Falk						
Walker						Tabled

ATTEST: Teresa Klein, Board Clerk

Sec. 86. [RED RIVER WATERSHED MANAGEMENT BOARD; PAYMENT IN LIEU OF TAXES.]

(a) The Red River watershed management board may spend money from its general fund to compensate counties and townships for lost tax revenue from land that becomes tax exempt after it is acquired by the board or a member watershed district for flood damage reduction project. The amount that may be paid under this section to a county or township must not exceed the tax that was payable to that taxing jurisdiction on the land in the last taxes payable year before the land became exempt due to the acquisition, not to exceed \$4 per acre, multiplied by 20. This total amount may be paid in one payment, or in equal annual installments over a period that does not exceed 20 years. A member watershed district of the Red River management board may spend money from its construction fund for the purposes described in this section.

(b) For the purposes of this section, "Red River watershed management board" refers to the board established by Laws 1976, chapter 162, section 1, as amended by Laws 1982, chapter 474, section 1, Laws 1983, chapter 338, section 1, Laws 1989 First Special Session chapter 1, article 5, section 45, Laws 1991, chapter 167, section 1, and Laws 1998, chapter 389, article 3, section 29.

ITEM # Discussion 2
REQUEST FOR BOARD ACTION
 * Required Fields



*Person Responsible for Request Klein, Trish	*Department Coordinator	*Board Meeting Date May 10 2011
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***Subject Title (As it will appear on the agenda):**
 RRWD Abatement Request

***Background (Provide sufficient detail of the subject):**
 The Roseau River Watershed is seeking a tax abatement on property located in the Haycreek Norland Impoundment project area. This property was eligible for tax free status but an application was not completed on time for eligibility for the current year. See attached. This is for discussion purposes only today.

***Financial Consideration:**

***Legal Consideration:**

***Other Consideration:**

***Resolution (Wording should reflect the intent of the Board vote):**

Coordinator's Office Use (Do Not Write Below)

Date Received:	Comments:
-----------------------	------------------

Board Action:

Comm.	Motion (First)	Motion (Second)	Vote			Vote Result
			Yes	No	Abstain	
Swanson						Passed
Phillipe						
Foldesi						Failed
Falk						
Walker						Tabled

ATTEST: Teresa Klein, Board Clerk



DIANE GREGERSON
ROSEAU COUNTY TREASURER
606 5TH AVENUE S.W., ROOM 140
ROSEAU, MN 56751-1477
218-463-1215
www.co.roseau.mn.us

Property Tax Statement for Taxes Payable in 2011



Save for future reference

BILL: 337069

Description:
Section 33 Township 163 Range 040 115.00 Acres.

Property ID#: 14.0163100

Taxpayer:

ROSEAU RIVER WATERSHED DIST
PO BOX 26
ROSEAU MN 56751

C
S 7663

Taxes Payable Year:	2010	2011
Your Property Tax Values & Classification		
Estimated Market Value	56,800	53,900
New Improvements/ Expired Exclusions:		
Taxable Market Value:	56,800	53,900
Property Classification:	Ag Non-Hstd NH Rur Vac Land	Ag Non-Hstd

\$\$\$

You may be eligible for one or even two
refunds to reduce your property tax.
Read the back of this statement to find
out how to apply.

REFUNDS?

Taxes Payable Year:	2010	2011
1. Use this amount on Form M1PR to see if you are eligible for a property tax refund. File by August 15. If this box is checked, you owe delinquent taxes and are not eligible. <input type="checkbox"/>	\$	0.00
2. Use these amounts on form M1PR to see if you are eligible for a special refund.	\$ 0.00	
Property Tax and Credits		
3. Property taxes before credits.	\$ 694.93	\$ 686.93
4. Credits that reduce your property tax		
	A. Homestead and agricultural market value credits	0.00
	B. Other Credits	0.00
5. Property taxes after credits	694.93	686.93
Property Tax by Jurisdiction		
6. County ROSEAU COUNTY	\$ 353.41	\$ 350.88
7. City or Town TOWN OF JADIS	57.13	57.97
8. State General Tax	0.00	0.00
9. School District ISD 0682	170.53	164.08
	A. Voter approved levies	57.92
	B. Other local levies	51.92
	A. Watershed	2.32
	B. NW Multi-County HRA	0.00
	C. Tax Increment	1.70
	D. NW Regional Development	0.00
10. Special Taxing Districts		
11. Non-school voter approved referenda levies	0.00	0.00
12. Total property tax before special assessments	\$ 694.93	\$ 686.93
Special Assessments on Your Property		
13. Special assessments DITCH WS 51-2011 35.07	Principal: 35.07	35.07
14. YOUR TOTAL PROPERTY TAX AND SPECIAL ASSESSMENTS	\$ 730.00	\$ 722.00

FIRST HALF DUE	Pay this amount no later than	May 16 2011	\$	361.00
SECOND HALF DUE	Pay this amount no later than	November 15 2011	\$	361.00

PAYABLE 2011 2nd HALF PAYMENT STUB

TO AVOID PENALTY
PAY ON OR BEFORE: November 15 2011

Property ID#: 14.0163100
Bill#: 337069

ROSEAU RIVER WATERSHED DIST
PO BOX 26
ROSEAU MN 56751

SECOND 1/2 TAX AMOUNT:	\$	361.00
PREPAY CREDIT:	\$	0
TOTAL SECOND HALF AMOUNT DUE:	\$	361.00

PENALTY: TOTAL:
MAKE CHECKS PAYABLE & MAIL TO:
Diane Gregerson
Roseau County Treasurer
606 5th Avenue S.W., Room 140
Roseau, MN 56751-1477



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PAYABLE 2011 1st HALF PAYMENT STUB

TO AVOID PENALTY
PAY ON OR BEFORE: May 16 2011

Property ID #: 14.0163100
Bill#: 337069

ROSEAU RIVER WATERSHED DIST
PO BOX 26
ROSEAU MN 56751

TOTAL TAX AMOUNT:	\$	722.00
FIRST 1/2 TAX AMOUNT:	\$	361.00
PREPAY CREDIT:	\$	0
TOTAL FIRST HALF AMOUNT DUE:	\$	361.00

PENALTY: TOTAL:
MAKE CHECKS PAYABLE & MAIL TO:
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606 5th Avenue S.W., Room 140
Roseau, MN 56751-1477



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ROSEAU, MN 56751-1477
218-463-1215
www.co.roseau.mn.us

Property Tax Statement for Taxes Payable in 2011



Save for future reference

BILL: 336574

Description:
Section 33 Township 163 Range 040 440.00 Acres.

Property ID#: 14.0162200

Taxpayer:

ROSEAU RIVER WATERSHED DIST
PO BOX 26
ROSEAU MN 56751

C
S 7663

Taxes Payable Year:	2010	2011
Your Property Tax Values & Classification		
Estimated Market Value	206,100	195,800
New Improvements/ Expired Exclusions: Taxable Market Value: Property Classification:	206,100 Ag Non-Hstd NH Rur Vac Land	195,800 Ag Non-Hstd NH Rur Vac Land

\$\$\$
REFUNDS?

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out how to apply.

Taxes Payable Year:	2010	2011
1. Use this amount on Form M1PR to see if you are eligible for a property tax refund. File by August 15. If this box is checked, you owe delinquent taxes and are not eligible. <input type="checkbox"/>	\$	0.00
2. Use these amounts on form M1PR to see if you are eligible for a special refund.	\$ 0.00	
Property Tax and Credits		
3. Property taxes before credits.	\$ 2,519.81	\$ 2,493.80
4. Credits that reduce your property tax		
A. Homestead and agricultural market value credits	0.00	0.00
B. Other Credits	0.00	0.00
5. Property taxes after credits	2,519.81	2,493.80
Property Tax by Jurisdiction		
6. County ROSEAU COUNTY	\$ 1,280.62	\$ 1,273.06
7. City or Town TOWN OF JADIS	207.28	210.59
8. State General Tax	0.00	0.00
9. School District ISD 0682	618.78	596.06
	210.17	206.77
	188.36	191.72
	8.44	9.85
	0.00	0.00
	6.16	5.75
	0.00	0.00
11. Non-school voter approved referenda levies		
12. Total property tax before special assessments	\$ 2,519.81	\$ 2,493.80
Special Assessments on Your Property		
13. Special assessments DITCH WS 51-2011 134.20	Principal: 134.20	134.19
		134.20
14. YOUR TOTAL PROPERTY TAX AND SPECIAL ASSESSMENTS	\$ 2,654.00	\$ 2,628.00

FIRST HALF DUE Pay this amount no later than May 16 2011 \$ 1,314.00
SECOND HALF DUE Pay this amount no later than November 15 2011 \$ 1,314.00

PAYABLE 2011 2nd HALF PAYMENT STUB

TO AVOID PENALTY
PAY ON OR BEFORE: November 15 2011

Property ID#: 14.0162200
Bill#: 336574

ROSEAU RIVER WATERSHED DIST
PO BOX 26
ROSEAU MN 56751

SECOND 1/2 TAX AMOUNT:	\$	1,314.00
PREPAY CREDIT:	\$	0
TOTAL SECOND HALF AMOUNT DUE:	\$	1,314.00

PENALTY:

TOTAL:

MAKE CHECKS PAYABLE & MAIL TO:

Diane Gregerson
Roseau County Treasurer
606 5th Avenue S.W., Room 140
Roseau, MN 56751-1477



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PAYABLE 2011 1st HALF PAYMENT STUB

TO AVOID PENALTY
PAY ON OR BEFORE: May 16 2011

Property ID #: 14.0162200
Bill#: 336574

ROSEAU RIVER WATERSHED DIST
PO BOX 26
ROSEAU MN 56751

TOTAL TAX AMOUNT:	\$	2,628.00
FIRST 1/2 TAX AMOUNT:	\$	1,314.00
PREPAY CREDIT:	\$	0
TOTAL FIRST HALF AMOUNT DUE:	\$	1,314.00

PENALTY:

TOTAL:

MAKE CHECKS PAYABLE & MAIL TO:

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www.co.roseau.mn.us

Property Tax Statement for Taxes Payable in 2011



Save for future reference

BILL: 337054

Description:
Section 33 Township 163 Range 040 40.00 Acres.

Property ID#: 14.0164000

Taxpayer:

ROSEAU RIVER WATERSHED DIST
PO BOX 26
ROSEAU MN 56751

C
S 7663

Taxes Payable Year:	2010	2011
Your Property Tax Values & Classification		
Estimated Market Value	21,100	20,200
New Improvements/ Expired Exclusions:		
Taxable Market Value:	21,100	20,200
Property Classification:	Ag Non-Hstd NH Rur Vac Land	Ag Non-Hstd

\$\$\$

REFUNDS?

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refunds to reduce your property tax.
Read the back of this statement to find
out how to apply.

Taxes Payable Year:

	2010	2011
1. Use this amount on Form M1PR to see if you are eligible for a property tax refund. File by August 15. If this box is checked, you owe delinquent taxes and are not eligible. <input type="checkbox"/>	\$	0.00
2. Use these amounts on form M1PR to see if you are eligible for a special refund.	\$ 0.00	
Property Tax and Credits		
3. Property taxes before credits.	\$ 257.80	\$ 257.80
4. Credits that reduce your property tax		
	A. Homestead and agricultural market value credits	0.00
	B. Other Credits	0.00
5. Property taxes after credits	257.80	257.80
Property Tax by Jurisdiction		
6. County ROSEAU COUNTY	\$ 130.93	\$ 131.86
7. City or Town TOWN OF JADIS	21.22	21.73
8. State General Tax	0.00	0.00
9. School District ISD 0682	63.34	61.49
	A. Voter approved levies	21.53
	B. Other local levies	
	A. Watershed	19.28
	B. NW Multi-County HRA	0.87
	C. Tax Increment	0.00
	D. NW Regional Development	0.63
10. Special Taxing Districts	0.00	0.00
11. Non-school voter approved referenda levies	0.00	0.00
12. Total property tax before special assessments	\$ 257.80	\$ 257.80
Special Assessments on Your Property		
13. Special assessments DITCH WS 51-2011 12.20	Principal: 12.20	12.20
14. YOUR TOTAL PROPERTY TAX AND SPECIAL ASSESSMENTS	\$ 270.00	\$ 270.00

FIRST HALF DUE
SECOND HALF DUE

Pay this amount no later than
Pay this amount no later than

May 16 2011
November 15 2011

\$ 135.00
\$ 135.00

PAYABLE 2011 2nd HALF PAYMENT STUB

TO AVOID PENALTY
PAY ON OR BEFORE: November 15 2011

Property ID#: 14.0164000
Bill#: 337054

ROSEAU RIVER WATERSHED DIST
PO BOX 26
ROSEAU MN 56751

SECOND 1/2 TAX AMOUNT:	\$	135.00
PREPAY CREDIT:	\$	0
TOTAL SECOND HALF AMOUNT DUE:	\$	135.00

PENALTY:

TOTAL:

MAKE CHECKS PAYABLE & MAIL TO:

Diane Gregerson
Roseau County Treasurer
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PAYABLE 2011 1st HALF PAYMENT STUB

TO AVOID PENALTY
PAY ON OR BEFORE: May 16 2011

Property ID #: 14.0164000
Bill#: 337054

ROSEAU RIVER WATERSHED DIST
PO BOX 26
ROSEAU MN 56751

TOTAL TAX AMOUNT:	\$	270.00
FIRST 1/2 TAX AMOUNT:	\$	135.00
PREPAY CREDIT:	\$	0
TOTAL FIRST HALF AMOUNT DUE:	\$	135.00

PENALTY:

TOTAL:

MAKE CHECKS PAYABLE & MAIL TO:

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Roseau County Treasurer
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Roseau, MN 56751-1477



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PLEASE READ THE BACK OF THIS STATEMENT FOR IMPORTANT INFORMATION.

Sec. 86. [RED RIVER WATERSHED MANAGEMENT BOARD; PAYMENT IN LIEU OF TAXES.]

(a) The Red River watershed management board may spend money from its general fund to compensate counties and townships for lost tax revenue from land that becomes tax exempt after it is acquired by the board or a member watershed district for flood damage reduction project. The amount that may be paid under this section to a county or township must not exceed the tax that was payable to that taxing jurisdiction on the land in the last taxes payable year before the land became exempt due to the acquisition, not to exceed \$4 per acre, multiplied by 20. This total amount may be paid in one payment, or in equal annual installments over a period that does not exceed 20 years. A member watershed district of the Red River management board may spend money from its construction fund for the purposes described in this section.

(b) For the purposes of this section, "Red River watershed management board" refers to the board established by Laws 1976, chapter 162, section 1, as amended by Laws 1982, chapter 474, section 1, Laws 1983, chapter 338, section 1, Laws 1989 First Special Session chapter 1, article 5, section 45, Laws 1991, chapter 167, section 1, and Laws 1998, chapter 389, article 3, section 29.



Board of Commissioners

606 5th Ave. SW, Room #131

Roseau, MN 56751

Phone: 218-463-4248

Fax: 218-463-3252

May 10, 2011

REGULAR BOARD MEETING AGENDA

Notice is hereby given that the Board of Commissioners of Roseau County will meet in session on May 10, 2011 at 10:30 a.m. in the Roseau County Courthouse, Room 110, Roseau, MN, at which time the following matters will come before the Board:

10:30 Call to Order

1. Roll Call
2. Presentation of Colors
3. Approve Agenda

10:35 Citizen Comments

Members of the audience wishing to address the County Board on an item not on the Agenda may come forward at this time to be recognized by the Board Chair. Please state your name and address for the record. Comments are limited to five minutes. A personnel complaint against an individual County employee may not be heard initially at a Board meeting. Personnel complaints may be submitted to the Board in writing through the Coordinator's Office.

10:40 Consent Agenda

1. Approve Proceedings
2. Approve Roseau County Trailblazers 4th Benchmark
3. Approve Northstar ATV Club GIA Reimbursement
4. Approve Northwest Private Industry Council Appointment
5. Approve City of Warroad Fire Contract
6. Approve Resolutions Declaring State of Emergency and Presidential Declaration of a Major Disaster
7. Approve Resolution to Accept the Updated ARMER Limited Interoperability Plan
8. Accept County Coordinator Resignation
9. Approve Bills

11:00 Highway Department

11:30 Committee Reports

12:00 Unfinished Business

1. County Engineer Reappointment

12:15 New Business

12:30 Adjourn

ITEM # CONSENT 1
REQUEST FOR BOARD ACTION
 * Required Fields



*Person Responsible for Request Klein, Trish	*Department Coordinator	*Board Meeting Date May 10 2011
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***Subject Title (As it will appear on the agenda):**
 Approve Proceedings

***Background (Provide sufficient detail of the subject):**
 The Board will review proceedings from the April 26, 2011 Board meeting and advise of any changes.

***Financial Consideration:**

***Legal Consideration:**

***Other Consideration:**

***Resolution (Wording should reflect the intent of the Board vote):**

Coordinator's Office Use (Do Not Write Below)

Date Received:	Comments:

Board Action:

Comm.	Motion (First)	Motion (Second)	Vote			Vote Result
			Yes	No	Abstain	
Swanson						Passed
Phillipe						
Foldesi						Failed
Falk						
Walker						Tabled

ATTEST: Teresa Klein, Board Clerk

PROCEEDINGS OF THE ROSEAU COUNTY BOARD OF COMMISSIONERS

April 26, 2011

The Board of Commissioners of Roseau County, Minnesota met in the Courthouse in the City of Roseau, Minnesota on Tuesday, April 26, 2011 at 10:30 a.m.

CALL TO ORDER – ROLL CALL – ESTABLISHMENT OF A QUORUM

The meeting was called to order at 10:30 a.m. by Chair Mark Foldesi. The Pledge of Allegiance was recited. Commissioners present were Roger Falk, Mark Foldesi, Glenda Phillipe, Jack Swanson, and Russell Walker. A quorum was established.

CITIZEN COMMENTS

Mr. Jim Jenson of Badger addressed the Board to express his concern about the possibility of the Board approving a purchase of a shop building in Stokes Township.

APPROVAL OF AGENDA

Confirmation of Dr. Ralph Herseth and Jon Johnson to the LifeCare Medical Center District Board was added to the Consent Agenda. Discussion of Beito building renovations and the Stokes Shop Building were added to Unfinished Business. A motion to approve the revised agenda was made by Commissioner Falk, seconded by Commissioner Phillipe and carried unanimously.

CONSENT AGENDA

A motion to adopt the consent agenda was made by Commissioner Swanson, seconded by Commissioner Falk and carried unanimously. The Board, by adoption of its consent agenda, approved proceedings from the April 12, 2011 Board meeting; approved the Fraternal Order of Police Northstar Lodge #22 Minnesota Lawful Gambling Permit; approved the 2011 SSTS Soil Verification and Complaint Investigation Contract with Keith Block; approved the State of Minnesota 2011 Boat and Water Safety Grant Agreement; approved abatements on the following properties: Robert Snow Property \$416.00; Greg Palm, Palm Trust - \$753.00; Wayne Bicker - \$176.00 and Lonnie Davidson - \$762.00; approved the Minnesota Accountable Government, Innovation and Collaboration (MAGIC) Act Sample County Board Resolution of Support; approved the revised Credit Card Policy; accepted the Trunking Radio PSIC Grant and authorized 20% grant match payout; Extended the Job Share Service Agreement with Lake of the Woods County; approved benefit payout to Julie Senum; approved a step increase for Karla Langaas; approved the appointment of Dr. Ralph Herseth and Jon Johnson to the LifeCare Medical Center District Board and approved the payment of bills as follows:

Warrants Approved for Payment 4/14/2011

Vendor Name	Amount
CENTURYLINK	2,642.99
JOHNSON/LAURE A	4,270.88
LIFECARE MEDICAL CENTER	24,800.00
MN DEPT OF FINANCE –TREAS	2,569.50
O'DONNELL/JEFF	3,780.00
UNITED HEALTHCARE INSURANCE COMPANY	2,444.74

US POSTAL SERVICE	20,000.00
WARROAD AMBULANCE & RESCUE SQUAD	25,000.00
15 Payments less than 2,000	\$11,399.36
Final Total:	\$96,907.47

Warrants Approved for Payment 4/21/2011

Vendor Name	Amount
CAPITAL GUARDIAN TRUST CO	2,130.38
MN ENERGY RESOURCES	2,791.08
NATIONWIDE RETIREMENT SOLUTIONS	2,155.97
SELECT ACCOUNT-VEBA	10,104.22
6 Payments less than 2,000	\$2,036.66
Final Total:	\$19,218.31

Warrants Approved On 4/26/2011 for Payment 4/29/2011

Vendor Name	Amount
AVIANDS LLC	7,848.80
FLEET SERVICES DIVISION	2,441.56
JOHNSON OIL CO INC	7,131.75
LIFECARE MEDICAL CENTER	3,073.20
MAR-KIT LANDFILL	6,000.00
MN DEPT OF EMPLOYMENT	7,955.00
NORTHERN RESOURCES COOPERATIVE	3,167.35
ROSEAU CO HWY DEPT	10,673.54
ROSEAU CO TREASURER	24,423.22
TOWN OF HUSS	3,591.00
UNIVERSAL RECYCLING TECHNOLOGIES	2,305.26
WEST CENTRAL INDEXING LLC	2,000.00
62 Payments less than 2,000	\$18,506.14
Final Total:	\$99,116.82

COMMITTEE REPORTS

Commissioner Falk reported on the following committee meeting(s): Representative Dan Fabian Legislative meeting, 4/15/11; Human Resource Committee, 4/18/11; Social Services Meeting, 4/19/11; Highway Committee, 4/19/11; Extension Committee Meeting, 4/19/11; Joint Northern Counties Land Use Coordinating Board - Joint Powers Natural Resource Board Meeting, 4/25/11.

Commissioner Foldesi reported on the following committee meeting(s): Representative Dan Fabian Legislative meeting, 4/15/11; Human Resource Committee, 4/18/11; Greenbush City Council, 4/18/11; Social Services Board meeting, 4/19/11; Highway Committee, 4/19/11; Northwest Community Action, 4/21/11; Soil and Water Conservation District meeting, 4/26/11.

Commissioner Phillipe reported on the following committee meeting(s): Victim Services Advisory Panel, 4/13/11; Lake Township Board, 4/13/11; Pembina Trail RC&D, 4/15/11; Roseau County Committee on Aging, 4/16/11; Roseau County Committee on Aging 4/18/11; Roseau Social Services, 4/19/11; Highway Committee, 4/19/11; Warroad City Council, 4/25/11.

Commissioner Swanson reported on the following committee meeting(s): Statewide Radio Board Finance Committee, 4/14/11; Representative Dan Fabian Legislative meeting, 4/15/11; Roseau County Committee on Aging, 4/18/11; Roseau School Board, 4/18/11; Social Services Board, 4/19/11; Highway Committee, 4/19/11; Community Meeting, 4/19/11;

Extension Committee, 4/19/11; Legislative Committee, 4/20/11; Credit Card Committee, 4/21/11; Roseau County Affordable Housing Fund, 4/21/11; Legislative Committee, 4/22/11; Joint Northern Counties Land Use Coordinating Board - Joint Powers Natural Resource Board Meeting, 4/25/11.

Commissioner Walker reported on the following committee meeting(s): Representative Dan Fabian Legislative meeting, 4/15/11; Joint Northern Counties Land Use Coordinating Board - Joint Powers Natural Resource Board Meeting, 4/25/11; Social Services Board, 4/19/11; Representative Dan Fabian Legislative meeting, 4/20/11; Minnesota rural Counties Caucus, 4/21/11; SSTS Crew Ditch Cleaning, 4/22/11; Moranville Township Meeting, 4/23/11.

UNFINISHED BUSINESS

Roseau County Prevention Coalition Coordinator Tammie Doebler met with the Board to request approval of the Coalition's 3rd Quarter Budget. A motion to approve the budget was made by Commissioner Swanson, seconded by Commissioner Walker and carried unanimously.

Ms. Doebler updated the Board on the Coalition's sustainability plan. The current grant expires at the end of June. The Coalition, in an effort to sustain its programs as long as possible, will be pre-paying for the 2011 media campaigns. The mentoring program will be combined with the Little Brother/Little Sister Program coordinated by Northwest Community Action and the Teens Against Drugs and Alcohol will be run through the Roseau County 4H. The Teen Journey, Problem Solving and Truancy programs have not been reassigned as of yet.

Chris Stauffer met with the Board to discuss the county's AS400 system. When the AS400 system originated, all counties in Minnesota used this system for payroll, highway cost accounting and social welfare accounting. Roseau County still uses all of these programs however, the current system is becoming obsolete and is very expensive to maintain. A three year maintenance agreement on the current AS400 will cost the county \$32,000.00. Quotes were obtained on a new AS400 system with the lowest bid from Heppner Consulting, Inc. at \$19,159.11 including a three year maintenance agreement. Installation is an additional \$1500.00. Maintenance after the three year period can be purchased for \$2000 per year. Stauffer noted that updates for the Highway Department software are not expected to be finished in the near future and there are no immediate plans to update the Social Services software. Payroll software could be purchased separately and does not have to run on the State system. Stauffer informed the Board that the AS400 could be run by a host site and that Beltrami County is able to offer this service for \$650/month. After evaluating the options of keeping the current system at a three year cost of \$32,000, paying a host site \$650 per month or purchasing a new system, the most cost effective solution would be to purchase a new AS400 system. A motion was made by Commissioner Phillippe, seconded by Commissioner Falk and carried unanimously to adopt the following resolution:

2011-04-04

BE IT RESOLVED, that the Board does hereby approved the purchase of an AS400 system from Heppner Consulting in the amount of \$19,159.11 including tax and a three year maintenance agreement.

BE IT FURTHER RESOLVED, that the Board approves the installation charge of \$1500.00

NEW BUSINESS

The Board discussed the potential purchase of a highway shop building in Stokes Township. It was the consensus of the Board not to pursue this purchase.

NEW BUSINESS

Auditor Martie Monsrud gave the Board an update on the current Roseau County/DNR Land Exchange. Monsrud noted that Kate Giel will be handling the transfer of titles and coordinating the public hearings associated with this exchange.

Upon motion carried, the Board adjourned the regular meeting at 1:15 p.m. The next regular meeting of the Board is scheduled for May 10, 2011 at 10:30 a.m.

Attest:

Date: _____

Teresa Klein, Board Clerk
Roseau County, Minnesota

Mark Foldesi, Chair
Board of County Commissioners
Roseau County, Minnesota

ITEM # CONSENT 2
REQUEST FOR BOARD ACTION
 * Required Fields



*Person Responsible for Request Klein, Trish	*Department Coordinator	*Board Meeting Date May 10 2011
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***Subject Title (As it will appear on the agenda):**
 Approve Roseau County Trailblazers 4th Benchmark

***Background (Provide sufficient detail of the subject):**
 The Roseau County Trailblazers is requesting Board approval on the fourth and final benchmark on the Pelan Trail in the amount of \$12,184.41.

***Financial Consideration:**

***Legal Consideration:**

***Other Consideration:**

***Resolution (Wording should reflect the intent of the Board vote):**

Coordinator's Office Use (Do Not Write Below)

Date Received:	Comments:

Board Action:

Comm.	Motion (First)	Motion (Second)	Vote			Vote Result
			Yes	No	Abstain	
Swanson						Passed
Phillipe						
Foldesi						Failed
Falk						
Walker						Tabled

ATTEST: Teresa Klein, Board Clerk

SNOWMOBILE TRAILS ASSISTANCE PROGRAM MAINTENANCE AND GROOMING

Certification of Trail Closure/Application Submission

4th Benchmark – Due May By 15th

Trail Name: Pelan Trail/Roseau Trailblazers/BISF#1

Club/Organization Name: Roseau County Trailblazers, Inc.

Sponsor Name (Local Unit of Government): Roseau County

By signing this form, the Sponsor certifies that the above snowmobile trail has been satisfactorily closed as defined within the Minnesota Snowmobile Trails Assistance Program Manual, an application for the coming grant round is completed and on file by May 15th and that a backup grooming plan is in place and is on file in the event the groomer or the operator are not able to maintain the trails.

Sponsor Signature: _____

Sponsor Title: _____

Date: _____

Is there any reason why the Department of Natural Resources should withhold any part of this payment? YES _____ NO _____

If yes, please elaborate-

Amount requested \$ 12,184.41 (Up to 10% of the original contract.)

Department Use Only

THIS INVOICE APPROVED FOR PAYMENT BY:

Area Trails & Waterways Supervisor	Date	FY 11	Amount \$ 12,184.41
------------------------------------	------	--------------	----------------------------

<input type="checkbox"/> FINAL	CFMS Number B48863	Signature
--------------------------------	-----------------------	-----------

ITEM # CONSENT 3
REQUEST FOR BOARD ACTION
 * Required Fields



*Person Responsible for Request Klein, Trish	*Department Coordinator	*Board Meeting Date May 10 2011
--	-----------------------------------	---

***Subject Title (As it will appear on the agenda):**
 Approve Northstar ATV Club GIA Reimbursement

***Background (Provide sufficient detail of the subject):**
 The Northstar ATV Club is requesting Board approval for their GIA Trail reimbursement. See attached.

***Financial Consideration:**

***Legal Consideration:**

***Other Consideration:**

***Resolution (Wording should reflect the intent of the Board vote):**

Coordinator's Office Use (Do Not Write Below)

Date Received:	Comments:

Board Action:

Comm.	Motion (First)	Motion (Second)	Vote			Vote Result
			Yes	No	Abstain	
Swanson						Passed
Phillipe						
Foldesi						Failed
Falk						
Walker						Tabled

ATTEST: Teresa Klein, Board Clerk



**MINNESOTA TRAIL ASSISTANCE PROGRAM
REQUEST FOR REIMBURSEMENT**

Sponsor <i>Roseau County</i>	Trail/Area Name <i>Bemis Hill Area</i>	
Period covered by this statement:	FROM: <i>10-1-10</i>	TO: <i>5-5-11</i>

EXPENDITURES

- A. Administration \$ 100⁰⁰
- B. Acquisition \$ _____
- C. Construction \$ _____
- D. Facilities \$ _____
- E. Map Printing \$ _____
- Sub-Total A through E \$ _____
- F. Maintenance \$ 3782⁰¹
- G. Grooming \$ _____
- H. Liability Insurance \$ 1520⁴³

CHECK LIST

1. Any Bids Required?
2. Original Signatures on All Copies?
3. Signed Work Sheets & Grooming Logs?
4. Invoices for Purchases & Services over \$100.00

\$ 100⁰⁰
State Cost 65% \$ 65⁰⁰

(10% limited on shared winter use trails)

Sub-total F and H \$ 5302⁴⁴
State Cost 90% \$ 4772²⁰
Grand Total (State Cost) \$ 4837²⁰

Original Amount and Year of Grant \$ 15,500⁰⁰
Expenditures to Date (including this Request) \$ 5734⁵⁰
Balance Left in Account \$ 9,765⁴⁴

DEVELOPMENT

(Accomplishments)
Number of miles constructed to date _____
Number of bridges _____
Number of parking areas _____

GROOMING (Accomplishments)

Number of miles maintained (this reimbursement only) _____
Trail width _____
Miles traveled by grooming equipment _____

MINNESOTA TRAIL ASSISTANCE PROGRAM WORKSHEET

Trail Name: Bemis Hill Area					Sponsor: Roseau County								Date: 11/21/10		
Date	Operator Name	Labor			Mode of Transportation	Transportation			Other Equipment	Other Equipment			Total Cost	Type of Work & Location	Expenditure Type
		Hours	Rate	Cost		Miles	Rate	Cost		Hours	Rate	Cost			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
10/23/2010	Jeff Lovold	8.50	\$16.00	\$136.00	4x4 truck	50	\$0.66	\$33.00	brush cutter	4.00	\$7.92	\$31.68	\$200.68	brushing Aggiss Beach	Maint
					ATV	4	\$0.50	\$2.00	chain saw	1.00	\$7.48	\$7.48	\$9.48		
10/23/2010	Janine Lovold	8.50	\$16.00	\$136.00	ATV	4	\$0.50	\$2.00					\$138.00	brushing Aggiss Beach	Maint
10/23/2010	Keith Myers	10.50	\$16.00	\$168.00	4x4 truck	166	\$0.66	\$109.56	brush cutter	4.00	\$7.92	\$31.68	\$309.24	brushing Aggiss Beach	Maint
					ATV	4	\$0.50	\$2.00	chain saw	1.00	\$7.48	\$7.48	\$9.48		
10/23/2010	Martin Enoksen	9.00	\$16.00	\$144.00	4x4 truck	78	\$0.66	\$51.48	chain saw	2.00	\$7.48	\$14.96	\$210.44	brushing Aggiss Beach	Maint
					ATV	8	\$0.50	\$4.00					\$4.00		
10/23/2010	Mike Klein	7.50	\$16.00	\$120.00	4x4 truck	50	\$0.66	\$33.00	brush cutter	4.00	\$7.92	\$31.68	\$184.68	brushing Aggiss Beach	Maint
				\$0.00				\$0.00	chain saw	1.00	\$7.48	\$7.48	\$7.48		
				\$0.00				\$0.00	Ranger	1.00	\$22.00	\$22.00	\$22.00		
10/22/2010	Mike Klein	0.75	\$16.00	\$12.00				\$0.00				\$0.00	\$12.00	pick-up/return brush cutter	admin
11/21/2010	Mike Klein	2.00	\$16.00	\$32.00				\$0.00				\$0.00	\$32.00	fillout and submit request	admin
				\$0.00				\$0.00				\$0.00	\$0.00		
TOTALS				\$748.00				\$237.04				\$154.44	\$1,139.48		

I certify that the material and/or services shown on this worksheet are correct and just, and that no part of same has been previously submitted for payment.

Authorized signature

Michael A Klein

Date

5-5-11

ITEM # CONSENT 4
REQUEST FOR BOARD ACTION
 * Required Fields



*Person Responsible for Request Klein, Trish	*Department	*Board Meeting Date
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***Subject Title (As it will appear on the agenda):**
 Approve Northwest Private Industry Council Appointment

***Background (Provide sufficient detail of the subject):**
 Suzan Gagner of the Northwest Private Industry Council is requesting the Board approve the nomination of Robert Evans for the Private Sector Roseau County position on the NWPIC Workforce Investment Board.

***Financial Consideration:**

***Legal Consideration:**

***Other Consideration:**

***Resolution (Wording should reflect the intent of the Board vote):**

Coordinator's Office Use (Do Not Write Below)

Date Received:	Comments:

Board Action:

Comm.	Motion (First)	Motion (Second)	Vote			Vote Result
			Yes	No	Abstain	
Swanson						Passed
Phillipe						
Foldesi						Failed
Falk						
Walker						Tabled

ATTEST: Teresa Klein, Board Clerk

ITEM # CONSENT 5
REQUEST FOR BOARD ACTION
 * Required Fields



*Person Responsible for Request Monsrud, Martie	*Department Auditor	*Board Meeting Date May 10 2011
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***Subject Title (As it will appear on the agenda):**
 Approve City of Warroad Fire Contract

***Background (Provide sufficient detail of the subject):**
 The City of Warroad is requesting Board Approval of a Fire Protection Agreement for the Unorganized Townships of America, Clear River and Oaks. This is a three year agreement.

***Financial Consideration:**

***Legal Consideration:**

***Other Consideration:**

***Resolution (Wording should reflect the intent of the Board vote):**

Coordinator's Office Use (Do Not Write Below)

Date Received:	Comments:
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Board Action:

Comm.	Motion (First)	Motion (Second)	Vote			Vote Result
			Yes	No	Abstain	
Swanson						Passed
Phillipe						
Foldesi						Failed
Falk						
Walker						Tabled

ATTEST: Teresa Klein, Board Clerk

CITY OF WARROAD

121 MAIN AVE NE
PO BOX 50
WARROAD MN 56763
218-386-1454

Invoice

No. 00000654
Date 5/3/2011

To: Roseau County for
Unorganized Townships
606 5th Ave SW
Room 160
Roseau MN 56751-1477

Ship To: Roseau County for
Unorganized Townships
606 5th Ave SW
Room 160
Roseau MN 56751-1477

Shipped	Ship Via	Terms	Contract	Contact	Customer PO#
		Due 6/15/2011		Beth Carlson	
Qty	Unit	Description	Unit Price	Amount	
1		2011 Fire Protection Fees: America 161-37	1413	\$1,413.00	
1		2011 Fire Protection Fees: Clear River 161-36	2163	\$2,163.00	
1		2011 Fire Protection Fees: Oaks 161-35	386	\$386.00	
Special Instructions				SubTotal	\$3,962.00
Tax Capacity amounts provided by Roseau County Auditor's Office.				Tax	\$0.00
				Shipping	\$0.00
				Total	\$3,962.00



Thank You !



FIRE PROTECTION AGREEMENT 2011-2013

THIS AGREEMENT, made and entered into this 1st day of May, 2011, by and between the City of Warroad, State of Minnesota, a municipal corporation, herein referred to as "City", and the Roseau County Board of Commissioners for the Unorganized Townships of America, Clear River, and Oaks, in the County of Roseau, State of Minnesota, herein referred to as "County".

FIRE PROTECTION:

The City, in consideration of the mutual covenants set forth herein, does hereby agree to provide fire protection to the Unorganized Townships of America, Clear River, and Oaks upon receiving a call or fire alarm, by taking out the City fire fighting apparatus manned by the regular trained firemen to said premises and who will exercise due diligence all means, methods, and powers as in their judgment, discretion, and experience will subdue and extinguish the fire to the fullest extent possible.

ANNUAL MEETING:

There will be an annual meeting of the Fire District.

ANNUAL WARROAD FIRE DEPARTMENT BUDGET:

The City will send a copy of the Warroad Fire Department annual budget to the Townships of Cedarbend, Lake, Laona, and Moranville, and Roseau County Board of Commissioners prior to Warroad City Council Preliminary Budget adoption by September 15th. If there are changes between the Preliminary Budget and Final Budget, a copy of the revised Warroad Fire Department annual budget will be distributed prior to the December Truth-in-Taxation Public Hearings.

PAYMENTS FOR FIRE PROTECTION:

The Townships of Cedarbend, Lake, Laona, and Moranville, together with the Unorganized Townships of America, Clear River, and Oaks through the County, shall pay to the City half the Warroad Fire District annual budget for fire protection. It is understood and agreed by and between the City and the County that the County shall share in the above payment to the City proportionately, based upon the respective tax capacity totals of the Unorganized Townships, as determined annually by the Roseau County Auditor. The City will invoice the County for this proportionate amount annually by May 1st.

FIRE CALL FEES:

Both parties to this agreement understand and are aware that their respective share of the above payment is only a portion of the Warroad Fire Department District's operating budget, and that the part of the capital budget is to be funded by also billing a flat rate charge of \$500 per fire department call to residents of the Fire District, including the City of Warroad.

Per the resolution passed on March 14, 2005, parties requesting and receiving fire services will be billed directly by the City of Warroad within 30 days of the fire service. Additionally, if the party receiving fire services did not request services but a fire or other situation exists which, at the discretion of the fire department personnel in charge requires fire service, the party will be charged and billed. All parties will be billed whether or not the fire service is covered by insurance. Any billable amount of the fire charge not covered by a party's insurance remains a debt of the party receiving the fire service.

If property owners outside of the city receive fire service as a result of a fire protection contract and do not pay their fire service charge for 30 days after the notice of delinquency is sent, the city may bill the township or other city with which it contracts to provide fire protection services as specified in the fire protection contract.

TERM OF AGREEMENT:

THIS AGREEMENT shall be in full force and effect for three years, 2011-2013, after which period it shall be mutually renewable for the same time period.

The City reserves the right to cancel said fire protection in the event that the contracts are not approved and signed and returned to the City on or before August 29th during the first year of this contract and payment for said contract shall be made on or before the 15th day of June of each year during the term of this contract. In all other events, the contract shall be terminated by either party on one year's written notice to the other party.

In Witness Whereof, the parties have executed this Agreement at Warroad, Minnesota, County of Roseau, on _____.

City of Warroad:

Bob Marvin, Mayor

Kathy A. Lovelace, City Administrator

Roseau County Board of Commissioners:

Chairman

Marty Monsrud, Roseau County Auditor

WARROAD FIRE DEPARTMENT

2011

2011 BUDGET \$115,370.00 x 50% \$57,685.00

TOWNSHIPS	Payable 2011 Tax Capacity	%	Share of:	\$57,685.00
Cedarbend	147,631	6.58%		3,796
Lake	1,213,633	54.13%		31,225
Laona	271,253	12.10%		6,980
Moranville	455,654	20.32%		11,722
Unorganized				
America 161-37	54,947	2.45%		1,413
Clear River 161-36	84,090	3.75%		2,163
Oaks 161-35	15,051	0.67%		386
Totals	<u>2,242,259</u>	<u>100.00%</u>		<u>57,685</u>
City of Warroad				<u>\$57,685.00</u>
				<u>\$115,370.00</u>

G/L #101-41000-34202

Notes: Tax Capacity amounts provided by Roseau County Auditor's Office.

Contract period - 2011-2013

ITEM # CONSENT 6
REQUEST FOR BOARD ACTION
 * Required Fields



*Person Responsible for Request Nelson, Gracia	*Department Emergency Management	*Board Meeting Date May 10 2011
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***Subject Title (As it will appear on the agenda):**
 Resolution Declaring a State of Emergency and Resolution Requesting a Presidential Declaration of A Major Disaster

***Background (Provide sufficient detail of the subject):**
 I have met with Brian Ketring, Roseau County Engineer regarding road damages from this springs high water event caused by a wet fall, heavy snowfall and spring rain. He advises that damages amount to approximately \$40,000 to township roads, \$30,000 to county roads, \$100,000 to ditches and \$20,000 damage to watershed. In addition, Roseau County expended \$16,742.77 in advance measures (plastic and sandbags). To qualify for federal assistance, Roseau County must have \$53,425.26 in damages.

***Financial Consideration:**
 \$0.00

***Legal Consideration:**

***Other Consideration:**

***Resolution (Wording should reflect the intent of the Board vote):**
 See attachment

Coordinator's Office Use (Do Not Write Below)

Date Received:	Comments:

Board Action:

Comm.	Motion (First)	Motion (Second)	Vote			Vote Result
			Yes	No	Abstain	
Swanson						Passed
Phillipe						
Foldesi						Failed
Falk						
Walker						Tabled

ATTEST: Teresa Klein, Board Clerk



Resolution Requesting a Presidential Declaration of a Major Disaster

WHEREAS the County of Roseau has sustained severe losses of major proportion, caused by heavy rains and snow starting fall of 2010 and continuing; and

WHEREAS Roseau County is a public entity within the State of Minnesota; and

WHEREAS substantial damage has been sustained to public property, as outlined in the attached damage assessment forms; and

WHEREAS the cost of recovery from this disaster is beyond the resources available within the county, and state and federal resources are necessary;

NOW, THEREFORE, BE IT RESOLVED, that the Board of County Commissioners, for and on behalf of the citizens of Roseau County, request the Governor of the State of Minnesota to petition the President of the United States to declare the County of Roseau, Minnesota, to be a major disaster area, through appropriate channels.

BE IS FURTHER RESOLVED that this request is for:

- 1. The Public Assistance (Infrastructure Support) Program only, as offered through P.L. 93-288 and 106.390.
2. The Hazard Mitigation Program, as offered through P. L. 93-288 and 106.390.

BE IT FURTHER RESOLVED that the County Emergency Management Director is authorized to coordinate the damage survey teams with local government, and assist in the administration of the disaster recovery process, as needed,

STATE OF MINNESOTA)
) ss
COUNTY OF ROSEAU)

I, Teresa Klein, Board Clerk in and for Roseau County, Minnesota, do hereby certify that the foregoing is a true and correct copy of a part of the proceedings adopted by the Roseau County Board of Commissioners on May 10, 2011.

(SEAL)

Teresa Klein
Roseau County Board Clerk

ITEM # CONSENT 7
REQUEST FOR BOARD ACTION
 * Required Fields



*Person Responsible for Request Nelson, Gracia	*Department Emergency Management	*Board Meeting Date May 10 2011
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***Subject Title (As it will appear on the agenda):**
 Resolution to Accept the Updated ARMER Limited-Interoperability Plan

***Background (Provide sufficient detail of the subject):**
 We are seeking a resolution to approve the Updated ARMER Limited-Interoperability Plan meeting Minnesota ARMER Full Participation Plan Requirements.

***Financial Consideration:**
 There is no cost but having this plan may open funding opportunities for Roseau County's communication needs.

***Legal Consideration:**

***Other Consideration:**

***Resolution (Wording should reflect the intent of the Board vote):**
 See attachment

Coordinator's Office Use (Do Not Write Below)

Date Received:	Comments:

Board Action:

Comm.	Motion (First)	Motion (Second)	Vote			Vote Result
			Yes	No	Abstain	
Swanson						Passed
Phillipe						
Foldesi						Failed
Falk						
Walker						Tabled

ATTEST: Teresa Klein, Board Clerk



ROSEAU COUNTY

Updated ARMER Limited-Interoperability Plan

Meeting Minnesota ARMER Full Participation Plan Requirements

May 2011

DRAFT 4-29-2011

**Documented and Prepared by:
Gracia Nelson
Patrick A. Novacek**

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ARMER Participation Request

Roseau County seeks approval to update the current limited participation plan that was presented and accepted by the Northwest Regional Radio Board, Minnesota State Radio board to the Allied Radio Matrix for Emergency Response (ARMER) backbone system. The requested update shall include all items required to meet a full participation plan, to provide for long range planning, and possible migration to/or enhancement of interoperability to the ARMER System.

The plan has been prepared in accordance with the ARMER standards for requesting and configuring participation at all levels. Roseau County intends to continue to contract with the Northwest Regional Radio Board (NWRRB) and the Minnesota Department of Transportation for participation on the ARMER System. Roseau County seeks review and approval of this updated plan by the State Radio Board and MnDOT. Roseau County believes that the following elements exist:

- The updated plan accurately reflects impacts on the ARMER system that would result from its implementation.
- The updated plan is consistent with the capacity and operational constraints of the ARMER system.
- The updated plan is consistent with the currently adopted plan and standards of the State wide Radio Board (SRB).

Roseau County, while working on the interoperable as well as other technical elements of the county's communication system, anticipates that specific technical details and changes shall be made to insure interoperability, reliability and continued compliance with ARMER standards. Roseau County will make every effort to conform to the scope, intent and character of this plan and will, through the natural course of migrations and upgrades, bring forward as updates to the Participation Plan for approval and inclusion into the plan.

Project Background

Roseau County Public Safety Radio Communications Project

In 2009 Roseau County received an assessment of current public safety radio systems operating within Roseau County. The assessment included an analysis of alternative approaches to deliver essential public safety radio system services into the future. Although the assessment had many details and documented several options, the assessment did not take into account public safety agencies that will not be migrating to the ARMER system. The assessment failed to fully address the costs to convert all communications over to the ARMER system vs. addressing an option to take advantage of all frequency bands for a robust interoperable system as well as costs that would be incurred to local volunteer responders, such as medical first responders and small fire departments. Further issues involved the continued full interoperable communications with federal agencies such as US Border Patrol, Customs and Immigration as well as adjoining county public safety agencies that will remain on VHF. Currently, Minnesota DNR Forestry will also be continuing to use the VHF band to keep full interoperability with federal fire agencies that respond to major fires in the county as well as other parts of the state. County fire departments work on a daily basis during high wild land fire dangers and responses.

Roseau County continues to insure that all public safety equipment will meet the needs of public safety users and meet the narrowband mandate of January 1, 2013. Other parts of the plan continues to show a large number of channels available in the VHF frequency band allowing for interoperability in day to day, major events, and disasters with all responders. The availability of national interoperable tactical frequencies, to include National Fire, EMS and Law Enforcement common calling channels continue to be available. Minnesota State VHF interoperable frequencies that are provided in the VHF interoperable state plan document many of the statewide channels. The plan leaves out additional federal channels for interoperability such as National TAC17 and TAC17D which is available for use in Roseau County along with VTAC repeater channels.

Roseau County believes in a robust VHF system which includes ARMER overlay interoperable links to provide for a comprehensive communication system that meets all the needs of its users. The plan includes multi-site VHF voter transmit steering on all main local channels as well as a five site simulcast common paging channel for emergency paging of all public safety responders using both pagers and portables programmed for two-tone and voice operations. All state interoperable VHF channels are available to the dispatch for patching and operation for coordination on multiagency responses. Further use of UHF for low speed data for AVL, siren and other non-voice or data controls will also be used. Emergency hospital medical facilities currently have in place an UHF repeater-portable system to meet the coordination and response under HEICS operations.

Minnesota State Statue M.S.S. 403.34 optional local use of statewide system subdivision 1 options in part reads ***“No local government or other eligible user of the system shall be required to abandon or modify current public safety radio communications systems or purchase new equipment until the local government or other eligible user elects to join the system. Public Safety radio communications service to local governments and other eligible users who do not initially join the system shall not be interrupted.”*** There is a great concern that based on current limited interoperability between the ARMER system and VHF that deployment of the ARMER system in rural areas continues to put increased risk to lives and property. During the planning process, Roseau County saw a need to have a robust VHF-ARMER overlay in Roseau County and other counties Roseau County interoperates with. In addition, Roseau County feels that there needs to be a robust VHF-ARMER overlay in many parts of the state that have cross border and federal agency interoperable needs and critical issues not only on a daily basis but for major events and/or disaster response. Roseau County has been forced to address the need to insure that critical communication needs are met for all public safety users in the county including federal, state and local. Failure to modify current safety radio communications systems in Roseau County cannot be an option yet there continues to be a lack of funding made available to address such communication issues and needs.

Roseau County plans to maximize the use of all frequency bands made available for use by public safety agencies as well as insuring cross connecting resources to insure that a truly interoperable system will exist in Roseau County for all public safety agencies that operate in and adjoining to Roseau County.

Allied Radio Matrix for Emergency Response (ARMER)

The state of Minnesota is currently deploying the Allied Radio matrix for Emergency Response System. The start of ARMER was deployed and implemented in the Minneapolis-St Paul metropolitan area in 2001. The system is a Phase I standard public safety radio system and provides that the users on the system to become interoperable based on a single system. Although ARMER provides for Common Air interface (CAI) for mobiles and portables, much of the system continues to operate in a proprietary manner, including how the IP network operates between zone controllers and other fixed equipment, IP console, and recording interfaces with direct connectivity to zone controllers. Gaining competitive bids and or quotes are limited, due to the lack of open standards and limited accepted mobiles, portables, base radios and consoles allowed to operate with the backbone and network.

P25 Open Standards suite specifies eight open interfaces between the various components of land mobile radio systems. The interfaces include:

- common air interface which specifies the type and content of signals transmitted by compliant radios,
- subscriber data peripheral interface addresses the port through which mobiles and portables can connect to laptops and data networks,
- Fixed Station Interface standard specifies a set of mandatory messages supporting digital voice, data, encryption and telephone interconnect necessary for communications between a fixed station and P25 RF subsystem,
- Console Subsystem interface standard specifies the basic messaging to interface a console subsystem to a P25 RF subsystem,

- Network Management interface standard, a single network management scheme, which allows all network elements of the RF subsystem to be managed,
- Data Network Interface standard specifies the RF subsystems connections to computers, data networks, or external data sources,
- Telephone Interconnect Interface standard specifies the interface to Public Switched Telephone Network (PSTN) supporting both analog and ISDN telephone interfaces, and lastly,
- Inter RF Subsystem Interface (ISSI) standard specifies the interface between RF Subsystems which will allow them to be connected into wide area networks.

Phase II will pay significant attention to interoperability with legacy equipment as well as interfacing with repeaters, roaming, and efficiency/ channel reuse.

Technical Design Plan

This section identifies the major technical elements of the Roseau County VHF Plan with the ARMER Participation Plan. This plan presents information related to the system infrastructure architecture, sites, RF coverage, Erlang calculations, and frequency plans.

VHF-UHF Infrastructure System Architecture

Roseau County will continue to use the VHF system as the primary communication band. The ARMER build out was originally planned in a phased build out that would have delayed coverage in Northwest Minnesota for several years. Roseau County, as well as other northwest Minnesota counties, took a pro active approach to insure a quality communication system with much of the backbone planned and upgraded. No single county can be an island because many public safety agencies respond not only in the county but across county, as well as state and international lines. Moving off of VHF and onto other bands will have a major impact as to interoperability with all responding units. Many of the mobile and portable radios were upgraded to meet narrow banding requirements that have provided cost savings to move to VHF narrow banding by the FCC

deadline of January 1, 2013. In 2007 the legislature mandated that the ARMER backbone be implemented statewide thus moving up the backbone coverage and operation of the ARMER communication system in northwest Minnesota. Roseau County, due to prior investments, finance considerations, as well as planning and 2013 narrow band mandate continued to upgrade the VHF so as not to lose critical Public Safety communications January 1, 2013. Roseau County continues to adapt Roseau County's communications plan to facilitate and incorporate the ARMER system into its upgrades for the best possible outcomes.

Usage of VHF-UHF frequencies

Roseau County, although rural, has many users that have different communication needs and are addressed as follows:

1st Responders EMS

Roseau County has three independent 1st responders operating in different locations of Roseau County. The Badger 1st responders operate out of the Badger Fire hall and are tied to Tri-County Ambulance, covering much of the Badger fire district which is the west central area of the county. They are dispatched out of Roseau PSAP and respond with a non transport vehicle to each call. Wannaska 1st responders operate in the south central and south east area of the county and can be paged out from both Life Care Medical Center as well as Roseau County PSAP. They respond in personal cars to all responses. The third 1st responder organization is the Northern Lights 1st responders located in Roosevelt on the very east edge of Roseau County and respond to calls for service in both Roseau and Lake of the Woods Counties. Both Roseau and Lake of the Woods PSAPS are able to page Northern Lights. Many of the first responders carry analog portables that are narrow band capable and are also used for paging. The page channel must remain analog for the two-tone paging tones to continue to operate correctly. Funding as well as other costs continue to be an issue with the three units and changing out the portables and or pagers become almost impossible due to the number needed and the costs of each.

EMS-Ambulance Service

Roseau County has three EMS services; two are BLS, (Tri-County, and Life Care EMS) and the third, Warroad EMS is ALS. All three are currently paged out of Roseau County PSAP on several towers and two paging frequencies, including 163.250 which will need to be narrowed banded 2013. Tri-County operates in three counties: Kittson, Roseau and Marshall Counties, with a station located in Greenbush Fire Hall. Tri-County has a service area of the west third of the County including the City of Badger and west. Life Care EMS is located in Roseau and has a service area covering from Badger north and south to four miles east of Salol. They also respond to Canada and cover the very rural area north of Roseau County. They currently have install radio communications to talk with EMS in Canada at this time. Warroad EMS is located in Warroad and has coverage in the east end of Roseau County. Their members carry portable radios and use them for receiving pages as well as communicating between themselves while on duty and responding to a call.

Fire Departments

Roseau County has four fire departments that operate in Roseau County: Greenbush in the west end, Badger in the west central, Roseau in the central area of the county and Warroad in the east end of the county. All four operate on VHF narrow band. For the most part the portables in the departments are narrow band capable and will continue to be used for fire ground communications. There are a limited number of mobiles that cannot be narrowband programmed so they will need to be replaced before 2013. All paging is sent from the Roseau County PSAP and will continue to be done, but plans are to be moved over the page only simulcast to reduce conflict issues and delays in re-paging.

Law Enforcement

Roseau County has three police departments: Greenbush, Roseau, and Warroad, as well as Roseau County Sheriff's Department, US Border Patrol, state conservation officers and Minnesota State Patrol officers working in the county. Currently, all work on a VHF

system and are able to communicate directly on a variety of VHF channels not only between law enforcement in the county but surrounding counties as well. Federal agencies will not be moving to the ARMER system nor will others located in North Dakota and possibly adjoining counties. Minnesota Conservation officers and State Patrol officer will be moving to ARMER and after 2013 will not have VHF capability in their vehicles for continued interoperability with all law enforcement. Four counties: Marshall, Kittson, Lake of the Woods and Roseau share mobile relay towers located at Karlstad, Middle River, and Williams providing wide area VHF coverage and interoperability between users in all four counties.

UHF- Non-Voice

Roseau County is currently finishing a non-voice UHF radio system. All Automatic Vehicle Location (AVL) system and siren controls will be moved to a narrowband UHF to provide for the operation of AVL along with DTMF/Digital controls for county-wide siren controls. This was to provide for clear operation on two-way VHF channels and to allow for any of the two-way channels to be used for both P25 Digital as well as narrowband analog without causing lost data and or failed activation of sirens.

UHF-Hospital HEICS

Life Care Medical is involved with all hospitals in the NW region and had installed a UHF repeater and portable system during a major emergency or medical disaster. Identical UHF systems have been installed in about thirteen other hospitals and have joint licensing in the UHF med channels. Regional responses as well as mutual aid allow for all portables that are part of this system to work in any of the hospital sites. They are all narrowband at this time so no changes will be required in 2013.

Law Enforcement Cellular Data

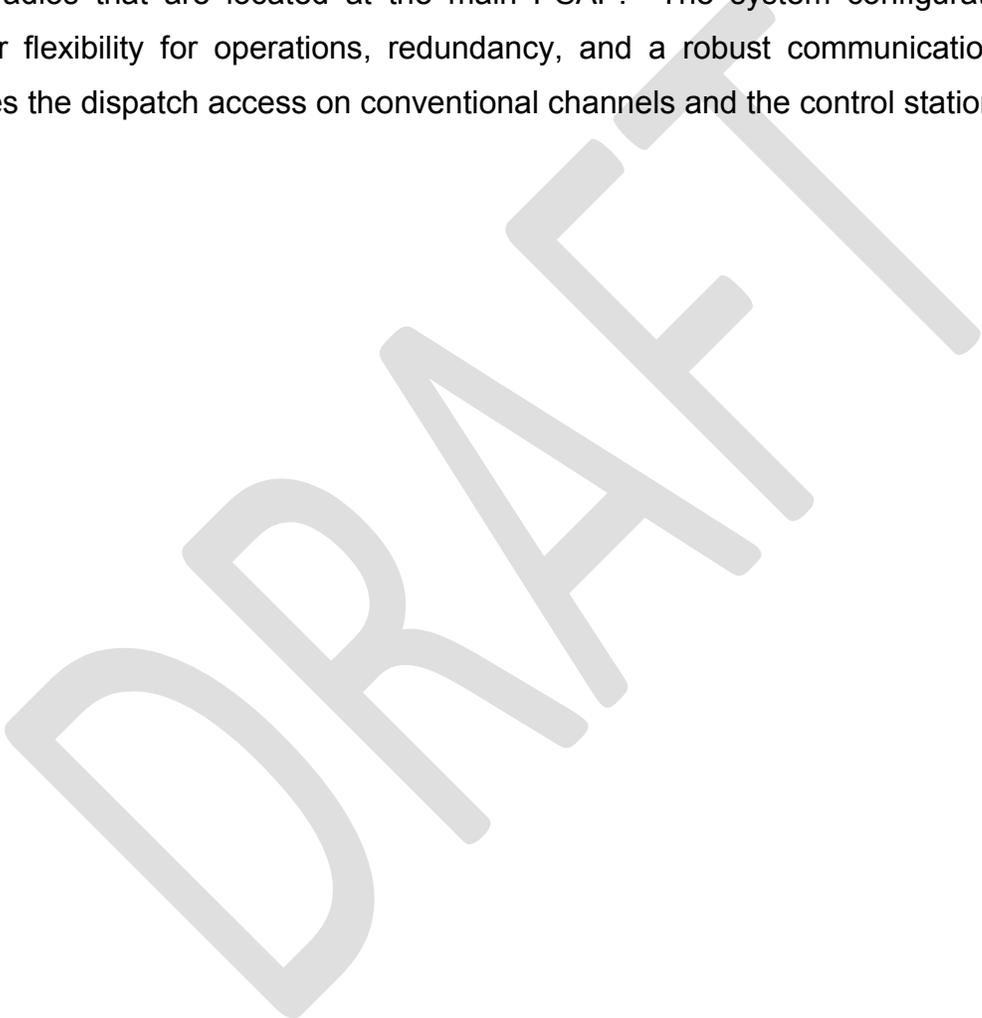
All local police and sheriff mobiles in Roseau County have installed squad laptops and are working with the Minnesota State Patrol wireless data network by way of Cellular data cards. This gives law enforcement the greatest interoperable data system available today as all state and local law enforcement agencies operate on the same platform and programs. This continues to be a project in progress as it expands and enhances the capabilities in the county. Improvement and enhancements would include the ability to access local records and receive direct dispatches from Roseau County PSAP. Even at the current level of operation, the laptops have decreased the number of voice transmissions over VHF channels due to the ability to run drivers license, vehicle checks and wants and warrants along with messaging between the units.

Console

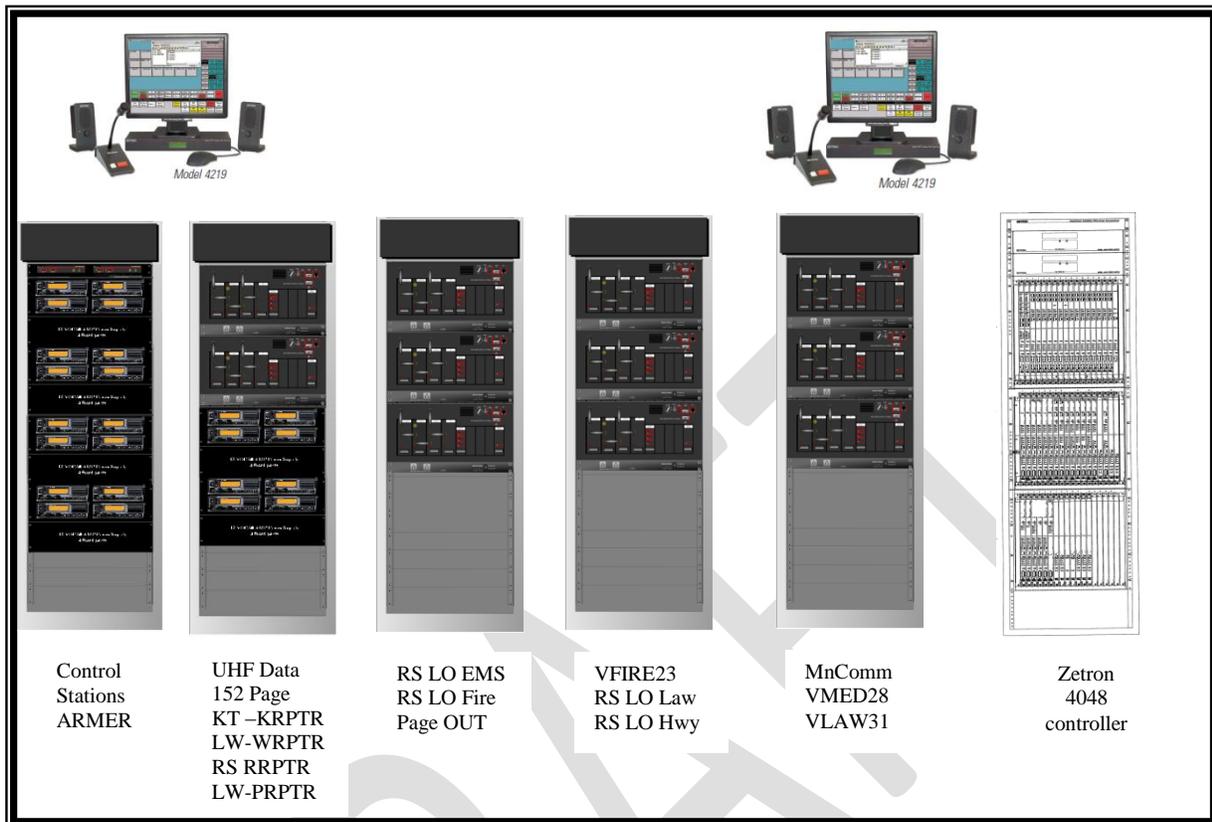
Roseau County currently operates the PSAP with two-position Zetron 4048 robust console system that operates on the following channels listed with their use. All channels have been installed by way of control stations or base stations allowing for all to operate independently from each other by way of transmitter combiners with multiple antennas as well as common live receivers. The system is able to expand a maximum of 48 channels with up to 16 dispatch positions. Roseau County is in the final process of licensing the VCALL and UCALL at this time. Dispatch position consists of Zetron's Integrater RD with 4217 audio panels which includes instant recall and recording at each position as well as per channel. A common headset interface allows the dispatcher to use the same headset for both the radio and telephone for ease of use. Because the positions are computer based, each operator can create a profile for channel grouping and layouts to fit their needs. All channels are available to both positions. Further operational enhancements include moving all paging to one county wide paging only frequency to eliminate any delay or interference on two-way radio channels. This further allows for paging out all resources at one time reducing time delays and repeated pages.

Roseau County has a main radio room located on the second floor of the PSAP where it is equipped with generator backup as well as totally independent air conditioning for the room. It also has its own fire suppression system and is able to house all of the communication backroom equipment within the room.

The following diagram shows the Zetron 4048 system as well as the control stations and base radios that are located at the main PSAP. The system configuration allows for greater flexibility for operations, redundancy, and a robust communication system that enables the dispatch access on conventional channels and the control stations.



Roseau County Radio Communication Room at PSAP



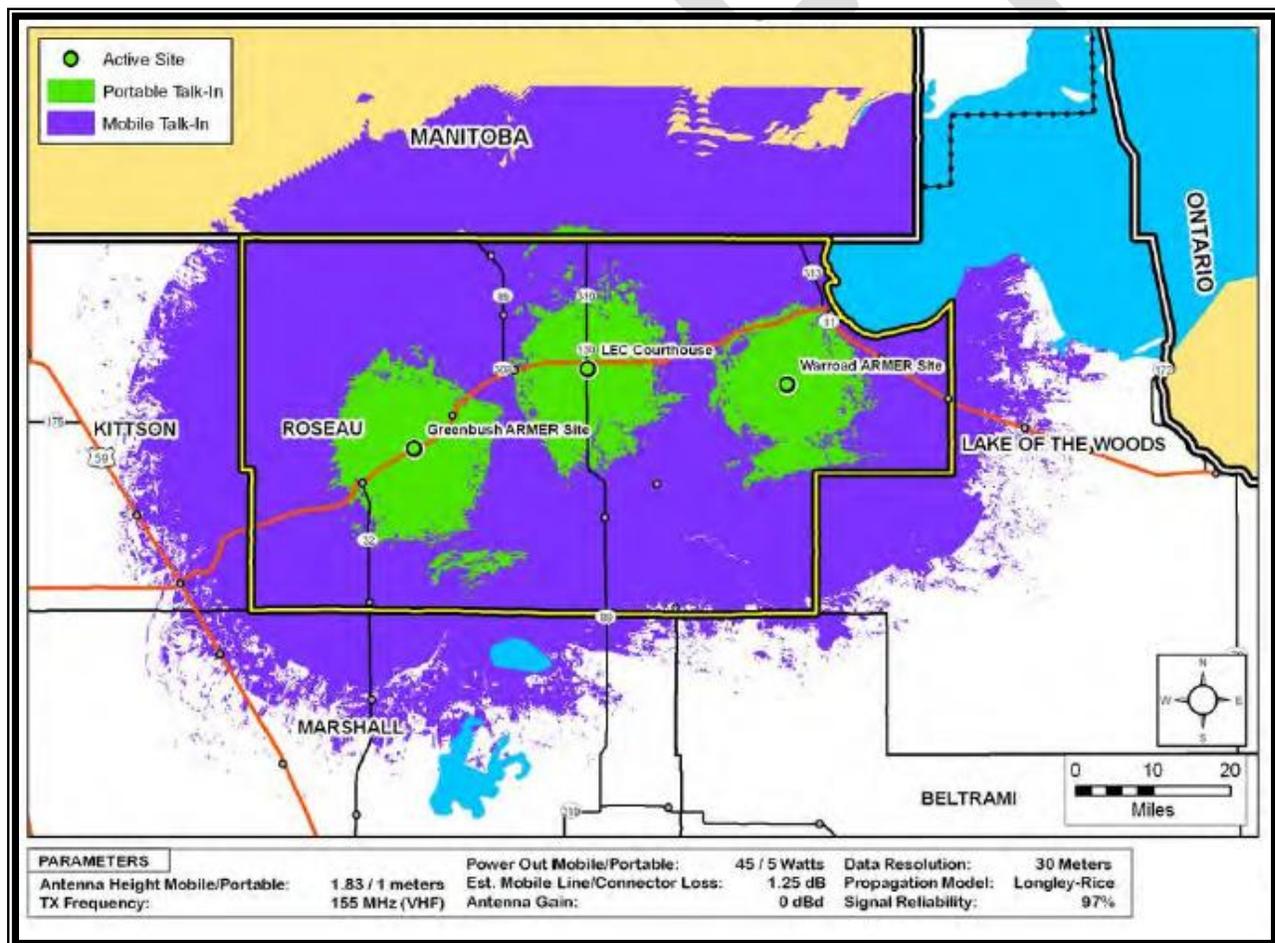
Roseau County PSAP Console Channel listing:

Channel	Band/Type	Wire	Control	Channel use/ Assignment
VCall 10	VHF conventional	2/4W	Tone	National interoperability Call
UCall 40	UHF conventional	2/4W	Tone	National interoperability Call
MNCOMM	VHF conventional	2/4W	Tone	State Wide use
VMED28	VHF conventional	2/4W	Tone	National use EMS/Hospital
VLAW31	VHF conventional	2/4W	Tone	National Law Enforcement
VFIRE23	VHF conventional	2/4W	Tone	National Fire
KT KRPT	VHF control station	2/4W	Tone	Karlstad Repeater P25/Analog
LW WRPT	VHF control station	2/4W	Tone	Williams Repeater Analog
LW PRPT	VHF control station	2/4W	Tone	Piper Repeater P25/Analog
RS RRPT	VHF control station	2/4W	Tone	Roseau Repeater P25/Analog
RS LO LAW	VHF Voted/steer	2/4W	Tone	Roseau Law Voter/TX steering
RS LO EMS	VHF Voted/Steer	2/4W	Tone	Roseau EMS Voter/TX steering
RS LO FIRE	VHF Voted/Steer	2/4W	Tone	Roseau Fire Voter/TX steering
RS HWY	VHF control station	2/4W	Tone	Roseau Highway Repeater
VHF P 163	VHF conventional	2/4W	Tone	Page only 163.250
VHF P 152	VHF Simulcast	2/4W	Tone	Simulcast Page only 152.0075

VHF Main Channel Coverage

Roseau County is in a final stage of updating the three main Fire, EMS and Law Enforcement channels to a three site voted receive and transmit steering system using the existing site that is in operation currently at the County PSAP as well as moving onto the MnDOT towers of Greenbush and Warroad. This will continue to provide county wide mobile coverage of 99%. The attached coverage map is based on narrowband P25 Digital using 45 watt mobiles. Most mobiles are 110 watts and based on that and other studies narrowband analog continues to give the 99% coverage in the County based on the same three sites.

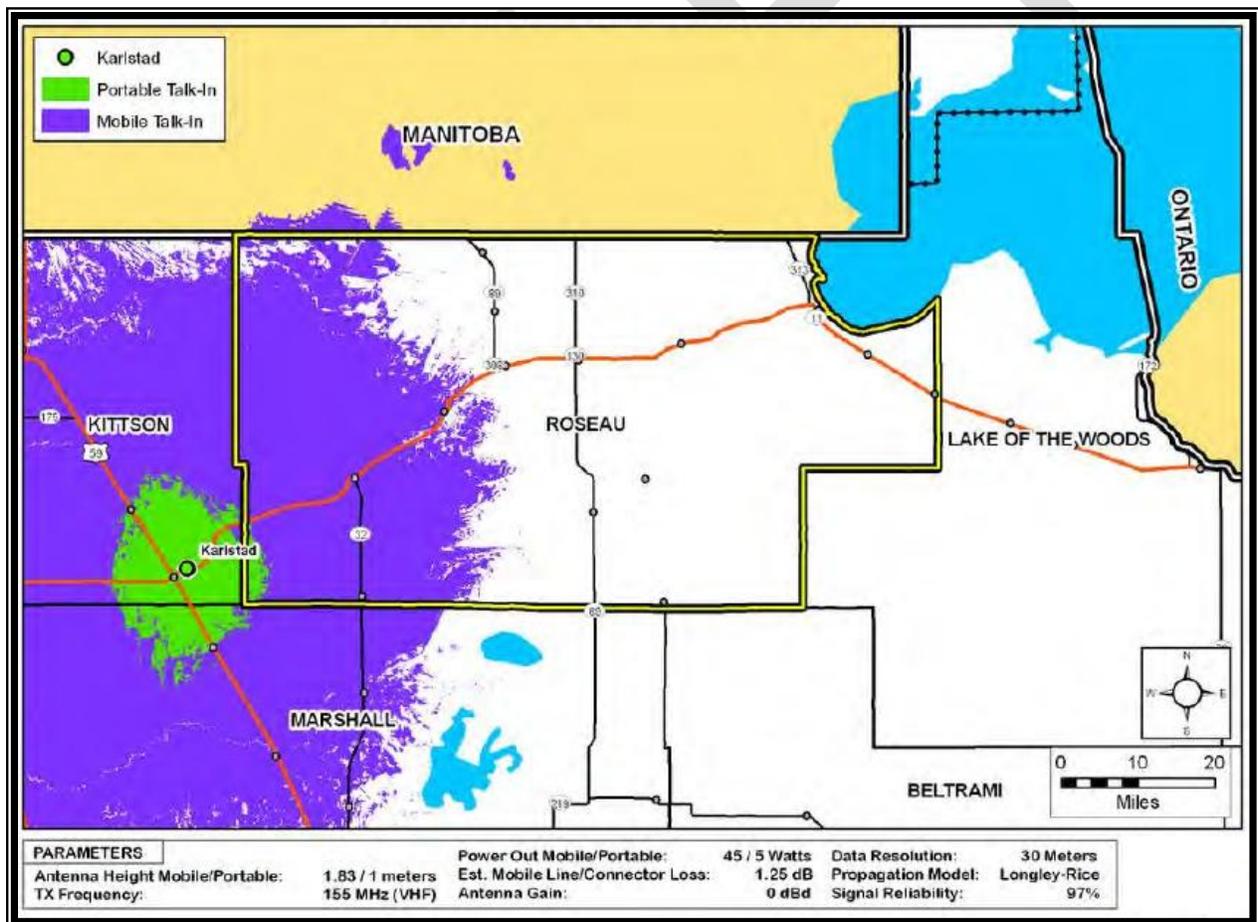
VHF Mobile- portable talk in coverage map



Karlstad Mobile Relay Coverage

As stated Roseau County is part of a four county shared mobile relay tower system to give additional mobile and portable coverage as well as enhanced interoperable communications between agencies both in and across county lines. Currently, the tower is capable of analog VHF usage and dual use allowing for P25 Digital as well providing for migration either narrowband analog and or P25 digital usage. Properly configured, the mobile relay tower will provide for different NACs to be used by agencies that use the tower. The tower is about 310 feet tall and provides for a very high ERP output of about 700 watts giving a very strong signal to all users both close and distance from the tower.

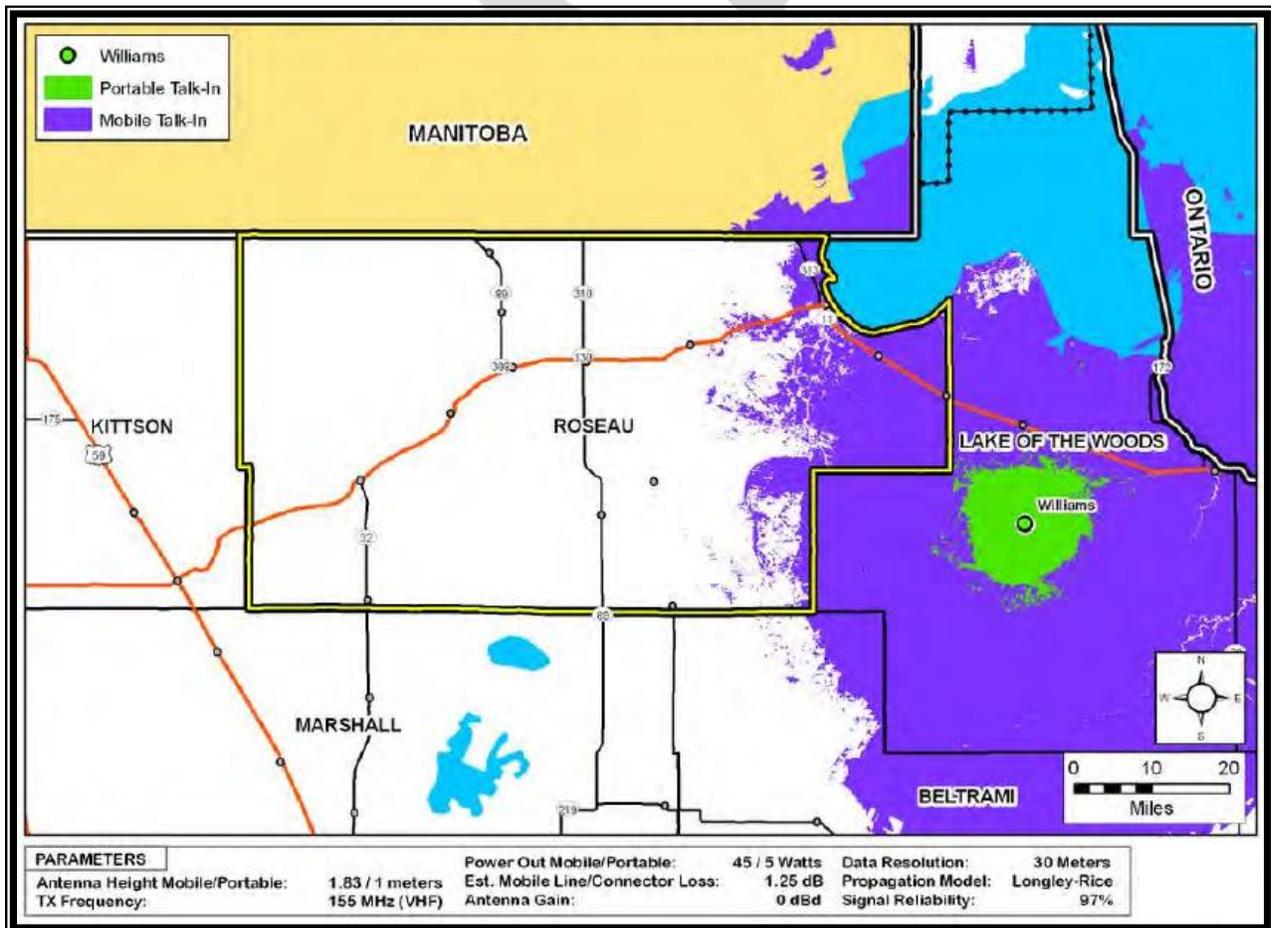
Karlstad Mobile Relay Tower Coverage Map



Williams Mobile Relay Tower

Williams mobile relay tower is located south of Williams in Lake of the Woods County and provides for multi-county communications between public safety members with the primary being law enforcement. This tower is match to the Karlstad tower with a total antenna elevation of 310 feet. For Roseau County this provides for coverage on the east end of the county as the Karlstad provides for the west end of the Roseau County. The current repeater is analog only but is narrowband capable as well as upgradable to P25 Digital so as not be become outdated. Proper programming provides for both P25 and analog on the same channel in mobile and portables allowing to received both and a switch to allow either analog or P25 digital transmit.

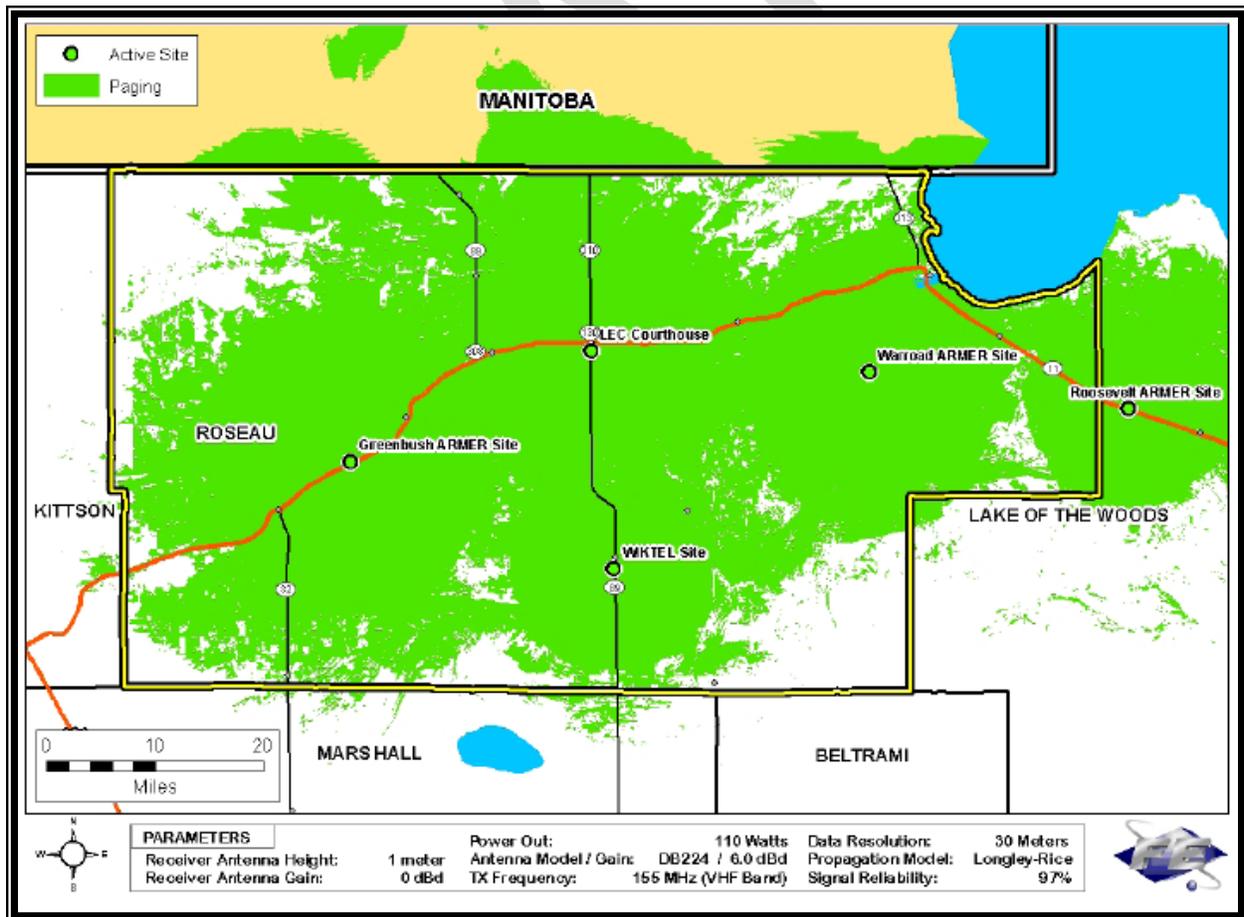
Williams Mobile Relay Tower Coverage Map



Roseau County Five Site Simulcast Paging Channel

Roseau County has been working on upgrading the paging system in Roseau County for several years. Delays in the MnDOT tower construction did delay it for a short time as two sites, Greenbush and Warroad MnDOT ARMER sites, will be used for coverage. The simulcast system will work on a frequency of 152.0075 and because it is a page only frequency will continue to operate wide-band after the 2013 deadline for all other non paging VHF Frequencies. A second page only frequency 157.450 has also been licensed for use in Roseau County. All sites have been cleared by the FCC, and Canada has approved them at the requested ERP levels. Roseau County will be waiting for the final approval on a mobile tactical frequency and then the license will be issued. This will allow for all public safety agencies to be paged at the same time and provide for wide area coverage to all users.

Roseau County Page coverage Map



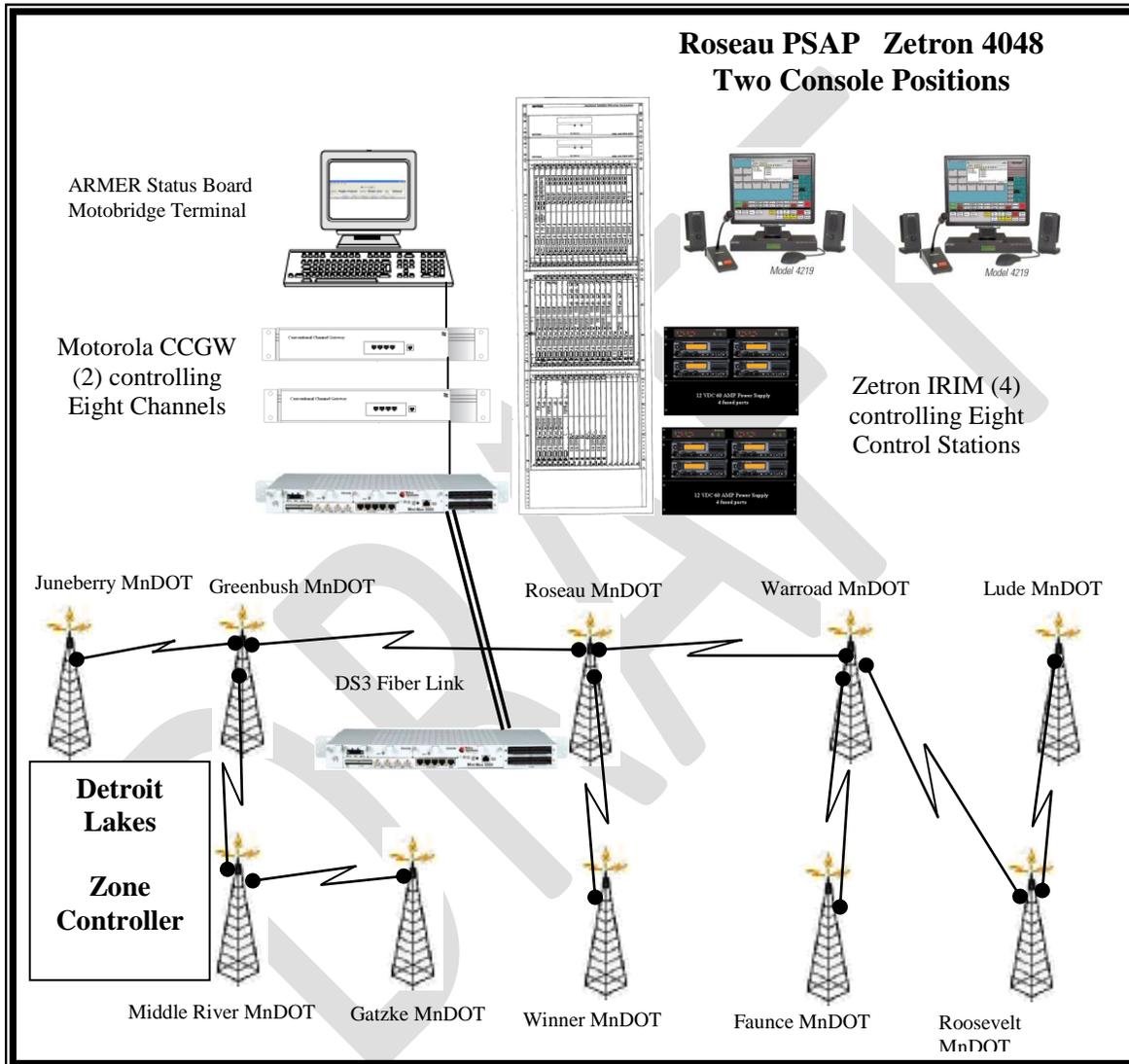
ARMER Infrastructure System Architecture

This plan proposes for Roseau County to receive primary trunk system coverage from the ARMER backbone sites at Juneberry, Greenbush, Roseau, Warroad and Winner. The system will link into the ARMER system Zone Controller located at Detroit Lakes. All sites will continue and remain the multi-cast operation planned for use in the state ARMER plan. Additional coverage will primarily come from the Middle River, Gatzke, Faunce, Roosevelt, and Lude ARMER sites which are located outside the county but adjacent to and provide coverage in Roseau County.

The county currently is in the final process of creating a fiber optic link between Roseau County PSAP to Roseau MnDOT ARMER site. The fiber optic link will provide for multiple single mode fibers with connection to a gigabit Ethernet wide area network to the Roseau ARMER site. Additional fiber optics will provide for a DS3 loop to and from the Roseau ARMER site and connect into the ARMER Microwave backbone with DS3 bandwidth. The DS3 was part of a multi-county Canadian border grant that connected each PSAP to the nearest ARMER site and a DS3 backbone connection between all counties located along the Canadian border. Roseau County configured the fiber to allow for the DS3 multiplexer, a MiniMux 2000 to be located in the data room of the Roseau County Court House-Dispatch-Jail facility and configured in a linear system allowing for drop and add of T1's or partial T1's at any point along the DS3 in Roseau County or adjoining counties. Roseau County also has a presence at the Greenbush and Warroad ARMER sites with additional DS3 multiplexers to provide for drop and add at each site and to provide for four wire circuits for use in the county's three site VHF Voted-transmit steering on county local law, EMS and fire channels. There continues to be additional capacity to add additional voter receivers and or transmitters at each site, along with other interoperable communication needs, including extending the status board to Roseau County PSAP and/or Motorola Motobridge. Communication capacity from Roseau County PSAP to Roseau ARMER site allows for four wire audio that can be from conventional channels located at the PSAP and extend out to the Motobridge or ARMER termination equipment. Multi-county DS3 microwave link will allow for future enhancements to allow for multi-county cooperative functions such as NG911 shared dispatching, CAD, records, investigative software as well

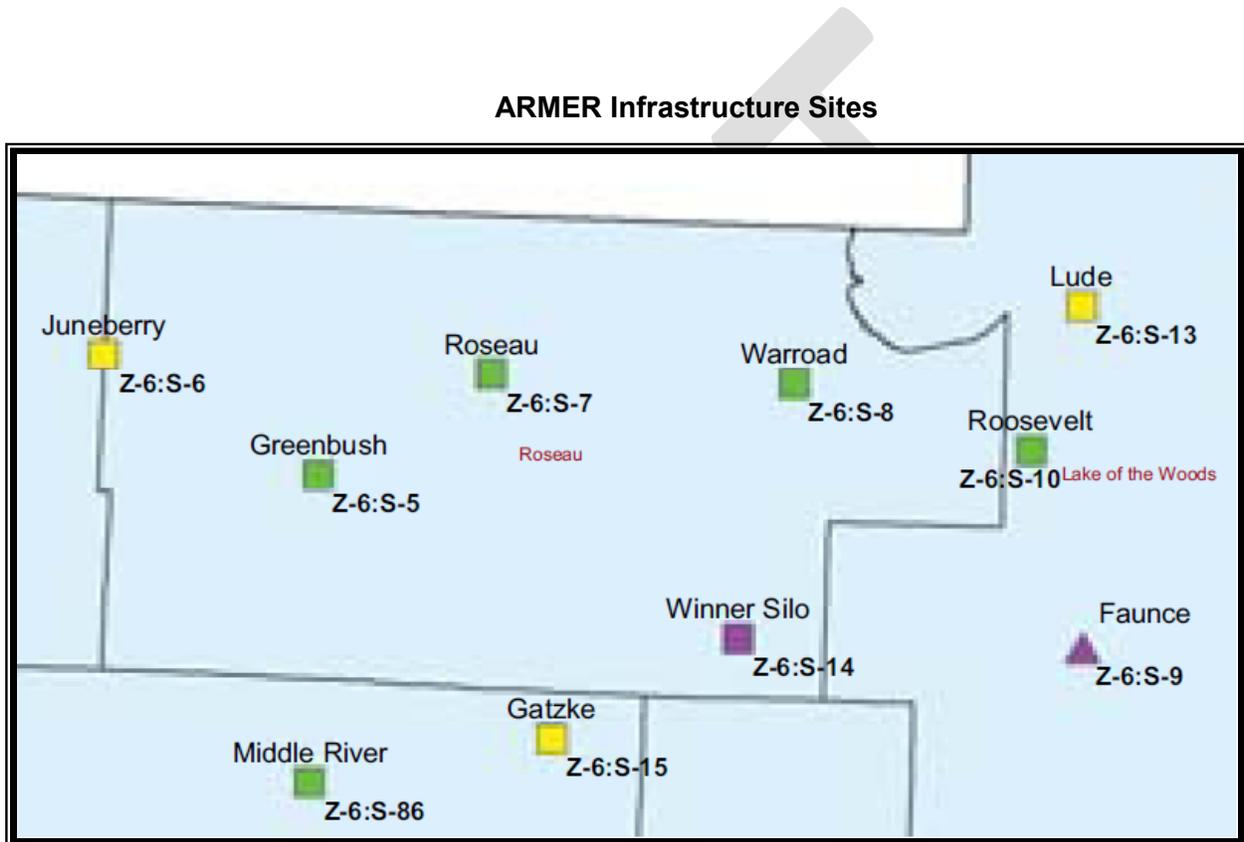
as data backup to critical data systems in surrounding counties. Roseau County Subsystem Architecture is represented in attached diagram.

The Roseau County Subsystem Architecture is represented in the attach diagram.



Site Locations and Data

The Roseau County participation plan proposes use of the existing state ARMER backbone in its current multi cast configuration. The following graphic shows the sites that ARMER has planned for Install and operation in and around Roseau County. The sites identified are shown in the diagram below.



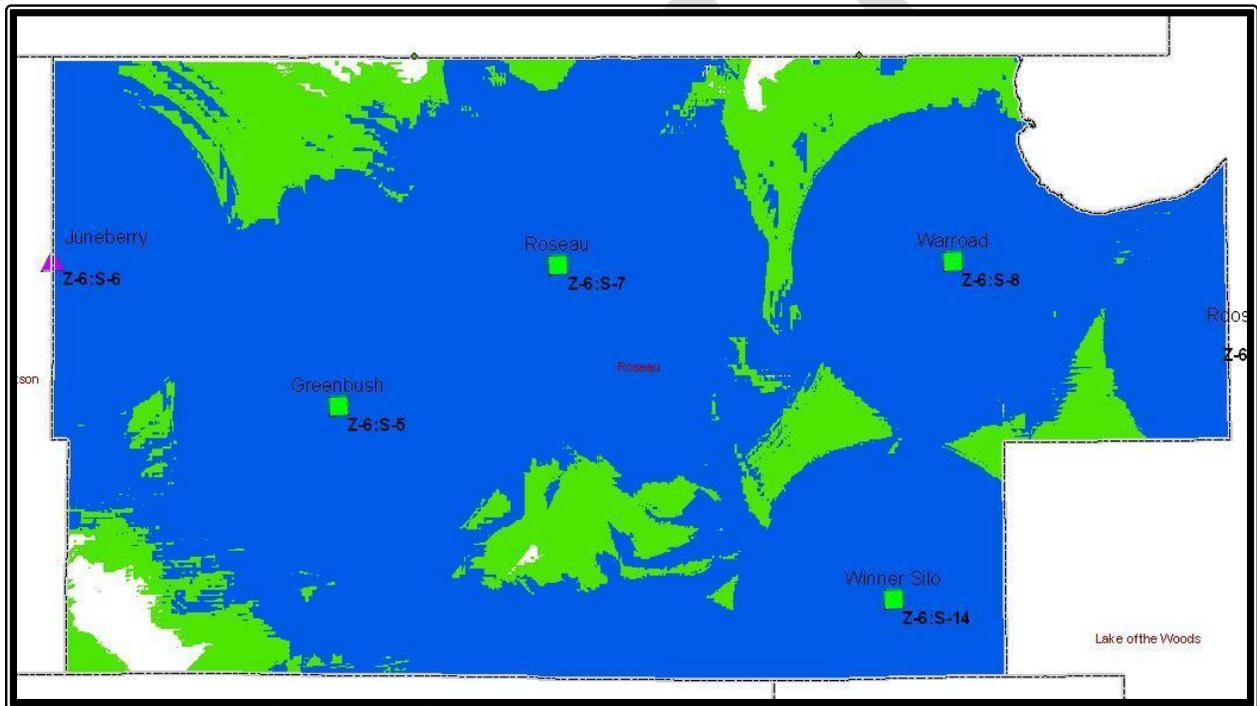
Site RF Coverage/ Propagation Studies

The ARMER system backbone is designed to provide for a minimum of 95% countywide coverage for mobile radios. The green shaded area (in the figure below) is understood to reflect a 33 DBu signal level which provide reliable mobile coverage. The State plan does not provide a guarantee for portable radio coverage. However, the coverage for the portable radios operating outside of the buildings or structures is estimated to correspond

to the green shaded areas on the figure () below. The blue shaded area reflects a 40 DBu signal level and will provide for portable outside coverage.

It is noted that some portions of the coverage provided by the ARMER system are dependent on tower sites located outside of the county. In particular, the Middle River, Gatzke provide coverage in the southern portion of the county and Faunce, Roosevelt and Lude in the eastern portion of the County.

ARMER Mobile Coverage Preliminary



Channel Assignments/ Erlang C Calculations

Roseau County, for interoperable as well as future use and possible migration to the ARMER system, will use the state built backbone and number of channels based on the estimate number of subscriber units. The following table shows and identifies the number and type of subscriber radios based on department and type of agency that would be brought on to the ARMER system in a total migration of all public safety users. The total radio count would be about 182 subscriber units and if you add additional maximum of 50

more units for public works and Roseau County Highway, an approximant maximum of 240 would be the number for the next three plus years.

The state ARMER has designed the system to have five channels per site with one being a control channel and the remaining four being for use as voice channels. The channels in the ARMER system are referred to as trunks, or trunking channels. Trunking means the automatic sharing of a group of communication paths (trunks) among a large number of users. The ARMER system is managed by a computer at the master site; for each transmission it assigns a trunking channel to the participants for the duration of that transmission.

To estimate radio capacity and determine the need for additional trunking channel additions, an Erlang C traffic modeling formula was used. The Erlang C is used in a variety of trunking systems channel modeling estimates. The model is used to calculate delays or predict waiting times, and can also calculate the resources that will be needed to limit busies or wait times on a trunked radio system. For Roseau County, the Erlang C model was used to calculate the number of transmissions per hour that can be handled with 4 trunks. The Erlang calculations for 4 trunks is based on an average service time of 6 seconds per transmission, average wait time of 1.5 seconds, and a service level of 99% (grade of service=1%). The number of transmissions per hour that can be handled by 4 voice trunks was calculated to be 486 with an average wait time of 1.5 seconds.

To maintain the grade of service offered by the state backbone while increasing traffic volume with the addition of up to 240 subscribers, Roseau County calculated there would not be a need to increase the number of voice channels at any site.

Using an estimate of .3 PTT per user per hour; and 1.7:1 peak hour volume estimate; there is a potential of .51PTT/hour/user. Giving an additional 20% capacity safety margin, then a .61 PTT/Hour/user estimate with 240 radios creates an added load to the ARMER system of 147 transmissions per hour. If we assume that no more than one third of the total radio fleet is active at any given moment, then we would calculate the additional load created by

80 active radios. Applying the calculations described above these radios introduced an additional 46 transmissions per hour. To maintain the baseline level of service using the current four voice trunks planned by the State, it is clear there would not be a need to expand the number of voice trunks on any tower when you factor in the use by other state agencies operating in Roseau County. When you do an actual review by department many are first responders, EMS, and fire departments that respond to very limited number of calls per year reducing the number of transmissions further. Law enforcement would be the highest user and based on the number of units and type this again would be low as the number includes the portable radio on the officer along with a mobile radio and the officer would be using one or the other. Further reduction in voice communications has been, and will continue to be the use of mobile data equipment in public safety vehicles, including law enforcement and others in the future. Clearly, even with a major event based on the maximum number of subscriber units, the ARMER system would not become taxed on 4 voice trunks and one control per site. Regardless of the channel loading plan, Roseau County understands that future traffic reports may determine the need to expand the system and add additional trunks (frequencies) to handle increased traffic load. Roseau County, consistent with its obligations called out in its partnership agreement with MnDOT and the NWRRB, will work with MnDOT to determine how the system will be expanded and how any associated costs will be split between the county and MnDOT if needed in the future.

Frequency Use Plan

The basic ARMER state backbone plan calls for five sites with five channels each, operating in multicast configuration within Roseau County.

Based on Erlang C calculations Roseau County feels that there will not be a need to add channel capacity to any of the five sites located in and five sites located adjacent to Roseau County, the following are the frequencies assigned to each of the state ARMER channels:

Minnesota ARMER-MnDOT Tower Sites and Frequencies

Sites located in Roseau County

Greenbush MnDOT	Receive Frequency	Transmit Frequency
Mn/DOT	806.2125	851.2125
Mn/DOT	807.7375	852.7375
Mn/DOT	807.9125	852.9125
Mn/DOT	808.2625	853.2625
Mn/DOT	809.3375	854.3375

Sites adjacent to Roseau County

Gatzke MnDOT	Receive Frequency	Transmit Frequency
Mn/DOT	806.1375	851.1375
Mn/DOT	806.8125	851.8125
Mn/DOT	807.6500	852.6500
Mn/DOT	808.1375	853.1375
Mn/DOT	809.1625	854.1625

Juneberry MnDOT	Receive Frequency	Transmit Frequency
Mn/DOT	806.0375	851.0375
Mn/DOT	806.9125	851.9125
Mn/DOT	807.1625	852.1625
Mn/DOT	808.4000	853.4000
Mn/DOT	809.2875	854.2875

Middle River MnDOT	Receive Frequency	Transmit Frequency
Mn/DOT	806.0875	851.0875
Mn/DOT	806.9875	851.9875
Mn/DOT	808.4125	853.4125
Mn/DOT	808.9000	853.9000
Mn/DOT	809.1125	854.1125

Roseau MnDOT	Receive Frequency	Transmit Frequency
Mn/DOT	806.2875	851.2875
Mn/DOT	806.4875	851.4875
Mn/DOT	806.7625	851.7625
Mn/DOT	808.0750	853.0750
Mn/DOT	808.2875	853.2875

Faunce MnDOT	Receive Frequency	Transmit Frequency
Mn/DOT	806.7875	851.7875
Mn/DOT	807.6875	852.6875
Mn/DOT	807.9375	852.9375
Mn/DOT	808.2000	853.2000
Mn/DOT	808.8750	853.8750

Warroad MnDOT	Receive Frequency	Transmit Frequency
Mn/DOT	806.1125	851.1125
Mn/DOT	806.8625	851.8625
Mn/DOT	807.6625	852.7375
Mn/DOT	807.9750	852.9750
Mn/DOT	808.5000	853.5000

Lude MnDOT	Receive Frequency	Transmit Frequency
Mn/DOT	806.0625	851.0625
Mn/DOT	807.0625	852.0625
Mn/DOT	808.3875	853.3875
Mn/DOT	808.9125	853.9125
Mn/DOT	809.4125	854.4125

Minnesota ARMER-MnDOT Tower Sites and Frequencies

Sites located in Roseau County

Winner MnDOT	Receive Frequency	Transmit Frequency
Mn/DOT	806.4625	851.4625
Mn/DOT	807.0375	852.0375
Mn/DOT	807.8750	852.8750
Mn/DOT	808.1125	853.1125
Mn/DOT	809.0625	854.0625

Sites adjacent to Roseau County

Roosevelt MnDOT	Receive Frequency	Transmit Frequency
Mn/DOT	806.1875	851.1875
Mn/DOT	807.9000	852.9000
Mn/DOT	808.4750	853.4750
Mn/DOT	808.6250	853.6250
Mn/DOT	809.1375	854.1375

Subscriber Equipment

Subscriber Radios

Roseau County presently and intends to continue to purchase new dual band mobile equipment for law enforcement as well as EMS to meet critical needs for interoperability to state agencies as well as others that have migrated to the ARMER system. Along with meeting current interoperable communications on the VHF band channels, a second option is to co-locate both P25 digital VHF radios with ARMER accepted 800 MHz radios when space allows in the vehicles. Based on the number of units from a practical and financial standpoint, Roseau County will look at using 700/800 MHz conventional channels to allow for mobile repeaters in critical vehicles such as law enforcement and EMS. When using the 700/800 MHz band a single 800/700 MHz portable will allow for operation on ARMER, ARMER SOA talk groups, as well as national 700 & 800 interoperable tactical frequencies. Further capabilities provide for VHF monitoring and operation by way of the dual band mobile radio. All radios operating in the 700/800 MHz band not only are able to meet the current ARMER Phase I Common Air Interface (CAI) but also can meet what is currently stated as the Phase II requirements as to limit the early obsolescence of the radios.

Roseau County subscriber loading is estimated to be less than 200 control stations, mobiles, and portables covering all public safety other than highway and public works in

Roseau County. Public works/ highway would add less than fifty radios bringing the maximum total on the local county level at about 240 subscribers.

AGENCY TYPE	AGENCY	Est Qty Control stations	Est Qty MO	Est Qty PO
Law Enforcement	Roseau County Sheriff	1	15	15
	Greenbush Police		1	2
	Roseau Police	1	4	7
	Warroad Police	1	4	7
Fire Department	Badger Fire	1	6	6
	Greenbush Fire	1	6	6
	Roseau Fire	1	8	8
	Warroad Fire	1	6	6
EMS/ First Responders	Badger First Responders			2
	Northern Lights First Res.			2
	Roseau EMS	2	3	6
	Tri-County EMS		2	4
	Wannaska First Responders			2
	Warroad EMS		3	6
PSAP/Dispatch	Roseau PSAP	16		2
Emergency management	Roseau County HSEM	2	6	10
Totals	(182) total	27	64	91

Talk Groups/ Preliminary Fleet Map Plan

Roseau County has a county-wide public safety user committee which meets on a quarterly base and addresses communication needs and improvements. Part of the planning process has been to improve the VHF channels detailing common naming conventions as well as working on zones-channel grouping for both in and adjoining counties. Further, this group has been part of the process for addressing talk groups on the ARMER system both for interoperability as well as future use and/or migration to the ARMER system based on department needs. All disciplines are represented on this county committee. The county intends to provide the system administration for the entire county and will work closely with MnDOT and the NW Region to implement the talk group land for the county as well as addressing regional and state talk groups as well.

The fleet map tables for Roseau County are included as attachments to this document and are identified in the Appendix. The fleet maps identify state and regional resources as well as new resources intended to be created by Roseau County now and in the future. The talk groups to be implemented for Roseau County will continue to evolve and update as the county user committee plans for further interoperability and possible migration to the ARMER system. It is not anticipated that a significant number of new talk groups will be created or added beyond what is listed in the current fleet map tables.

Roseau County Fleet Map- See Appendix C

Communication Center

Console Equipment and Configuration

The Roseau County PSAP Dispatch Center will operate with two 4217 audio panel operator positions. The county will expand the current Zetron 4048 system to allow for the additional control stations operating on talk groups for interoperability to the ARMER system. The consoles will incorporate all ARMER talk groups as well as current VHF conventional channels, including simulcast paging. When funding becomes available, gateways will be installed to give a more robust configuration capability to allow for software controlled changes to occur if needed in a major event or disaster response. Based on the capacity of the console and system, expansion can be met with reasonable costs. Counties of Roseau's size need to make sure that any upgrades and installs can be done and supported financially now and in the future, and cannot depend on federal funding to meet the continued operation and upgrading of the system. Configuration of the dispatch consoles will include several ARMER control stations as well as interfacing using the conventional channel gateways (CCGW) to allow for access to ARMER talk groups and interoperable communications between VHF and the ARMER system users.

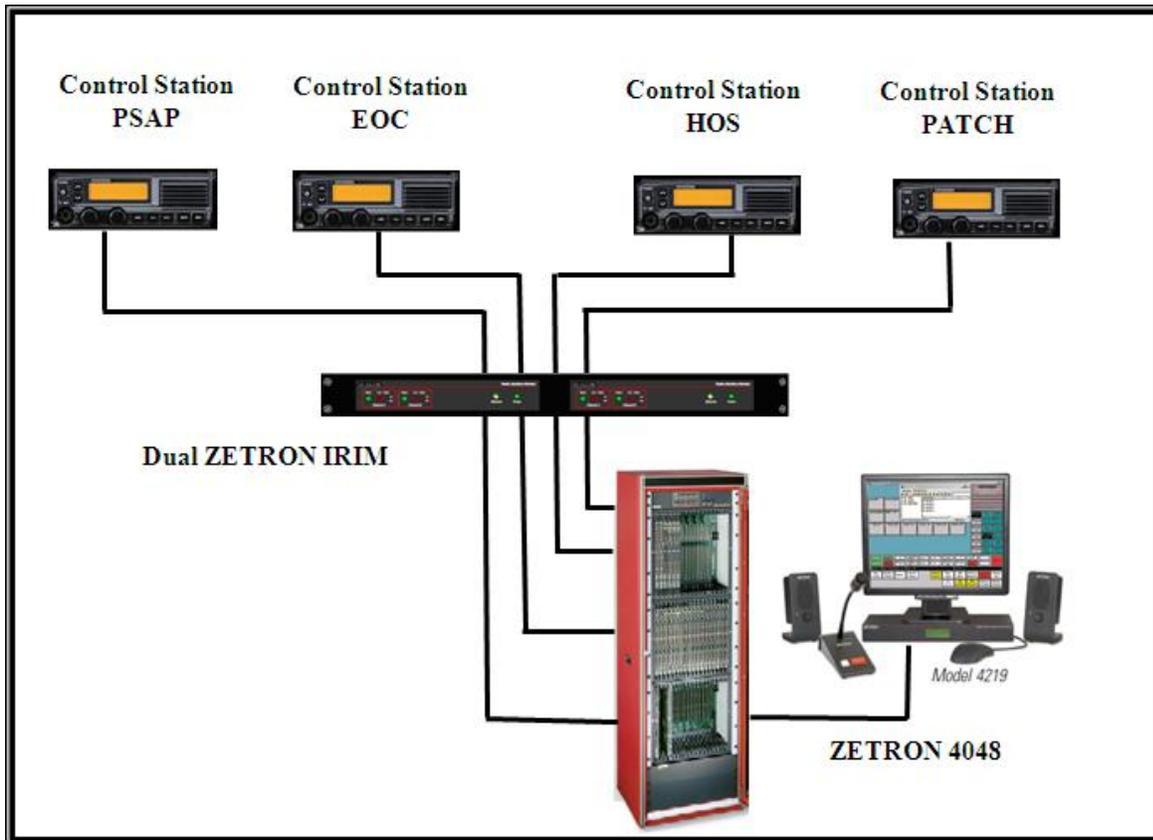
The conventional resources identified that will continue be operational on both PSAP consoles include the following:

VHF Channels Roseau PSAP

Channel	Band/Type	Wire	Control	Channel use/ Assignment
VCall 10	VHF conventional	2/4W	Tone	National interoperability Call
UCall 40	UHF conventional	2/4W	Tone	National interoperability Call
MNCOMM	VHF conventional	2/4W	Tone	State Wide use
VMED28	VHF conventional	2/4W	Tone	National use EMS/Hospital
VLAW31	VHF conventional	2/4W	Tone	National Law Enforcement
VFIRE23	VHF conventional	2/4W	Tone	National Fire
KT KRPT	VHF control station	2/4W	Tone	Karlstad Repeater P25/Analog
LW WRPT	VHF control station	2/4W	Tone	Williams Repeater Analog
LW PRPT	VHF control station	2/4W	Tone	Piper Repeater P25/Analog
RS RRPT	VHF control station	2/4W	Tone	Roseau Repeater P25/Analog
RS LO LAW	VHF Voted/steer	2/4W	Tone	Roseau Law Voter/TX steering
RS LO EMS	VHF Voted/Steer	2/4W	Tone	Roseau EMS Voter/TX steering
RS LO FIRE	VHF Voted/Steer	2/4W	Tone	Roseau Fire Voter/TX steering
RS HWY	VHF control station	2/4W	Tone	Roseau Highway Repeater
VHF P 163	VHF conventional	2/4W	Tone	Page only 163.250
VHF P 152	VHF Simulcast	2/4W	Tone	Simulcast Page only 152.0075

Roseau County in its long range plan, include several talk groups that will be able to interface directly into the current console with control stations using Zetron Intelligent Radio Interface Module (IRIM). The IRIM is able to control two stations and allows for up to fifteen function tones per station for remote operation of the control station such as channels, scan, and/or zone controls. Proper programming of the control stations will allow for each control station to be directed to one of four towers that can be reached by the stationary antenna of the control station. Roseau County has chosen to use control stations and because of the number, have planned to use what is called a control station combiner which allows for up to eight control stations to use one receive and one transmit antenna thus reducing the number of antennas and possible radio frequency interference during operations. A second combiner will be used for additional control stations as Roseau County progresses in expanding the interoperability and operation using the ARMER trunking system now and in the future.

Roseau County ARMER Talk Groups Control Stations



Audio Logging

Roseau County plans to record console audio from the Zetron Integrator RD 4217 consoles. The county has a Praetorian voice recorder that has capacity to record many sources currently, as well into the future. The county records all voice channels, console positions, and all telephone devices in the PSAP including 911 and administrative non-emergency lines. Further recording has been configured allowing for individual telephone devices to be recorded within the Sheriff's office as well. The configuration was based on shared primary ISDN lines for incoming and outgoing administrative telephone lines. The ISDN allows not only audio but also caller ID and other advanced features not available on a regular line or on T1 lines. Roseau County's plan includes the expanded recording of talk groups that are located within control stations. When patching to other selected talk groups the recorders will record all audio that is passed through the dispatch consoles, base radios and or control stations.

ATIA Data Requirements

At this time, Roseau County does not anticipate use of the ATIA data stream for interface with third party monitoring or reporting systems, or for any other purpose. If in the future, Roseau County sees a need the county will work with MnDOT to review any impact and a plan addendum would be provided as appropriate

Contingency/Back up Communications Plan

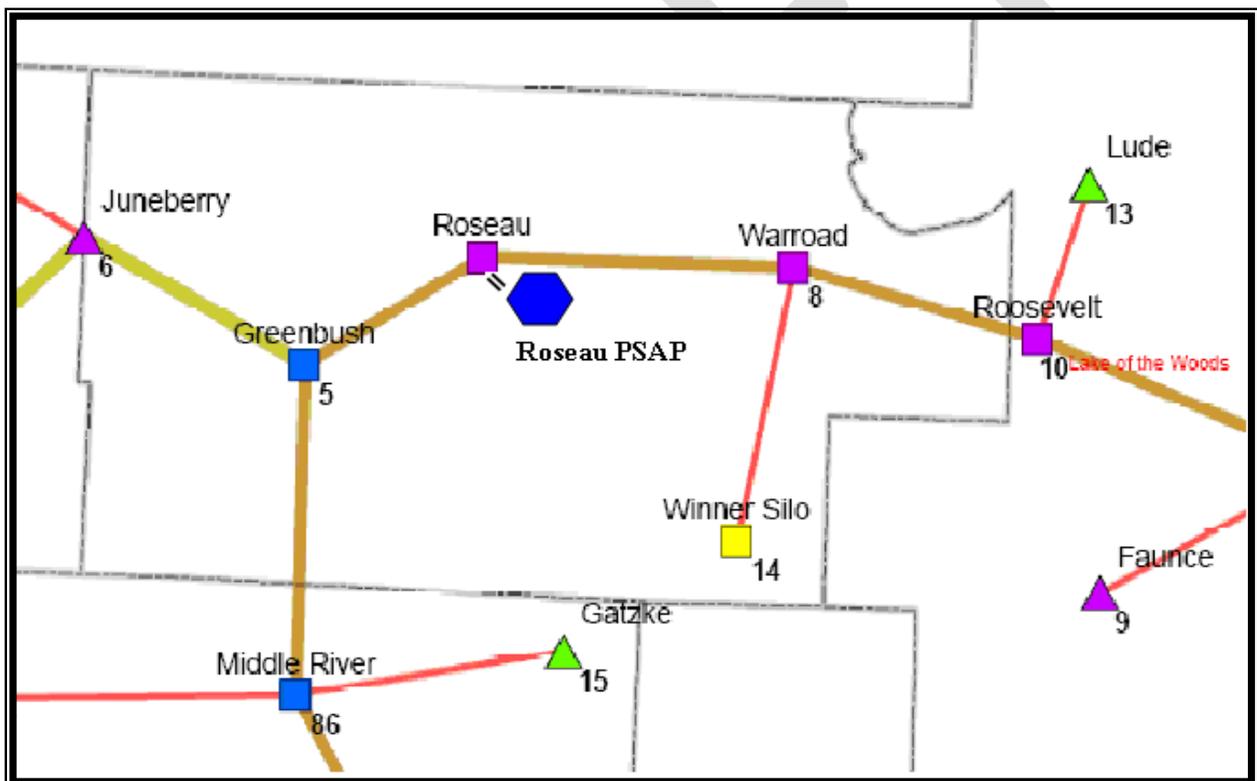
Roseau County will incorporate the use of 800 MHz control stations to provide for cross band interoperability along with communications on ARMER Talk groups. This will also provide for backup communications to ARMER only users in the event that the ARMER system goes into site trunking condition. The installed control stations will accommodate the necessary system access into the dispatch center. Because Roseau County will continue to operate on VHF as the primary band with ARMER as a interoperable cross-band communication as a secondary band, Roseau County will have a fully redundant system with no single point of failure as critical public safety agency and units will be operating with dual band radios capable of communicating on both VHF and ARMER now and in the future. Due to shared repeaters between counties and multisite simulcast paging, adjacent counties will continue to assist both in 911 backup and communication back up. The Zetron 4048 also has built in redundancy to prevent single point of failure within the PSAP consoles. Roseau County also has the capability to have diverse routing of the fiber as we will have fiber deployed three directions from the PSAP/Court House Jail.

Connectivity to the ARMER Backbone

The connectivity plan shown in the following figure reflects the MnDOT ARMER system design for connectivity plan as it currently stands.

The diagram shows the fiber optic link from the Roseau County PSAP to the Roseau ARMER MnDOT tower site. This link is a multi-strand mono fiber optic link with both a WAN gigabit Ethernet as well as a DS3 Loop from and to the ARMER tower site providing for current and future needs for Roseau County. The DS3 loop allows for add/drop in a linear configuration using a MiniMux 2000 DS3 to T1 multiplexer along with T1 channel banks. This will allow for voted audio and transmit steering for the three main local VHF channels as well as equipment monitoring and future NG911 backup and other data systems that can be shared between counties and PSAPs. Further, the link has the ability to link the status board and/or Motobridge back to the Roseau County PSAP for highest interoperability levels for all public safety members including local, state and federal levels.

Connectivity Diagram



Alarming & Monitoring

Roseau County will operate off of the State ARMER backbone sites for 800 MHz trunking. The site alarm monitored by MnDOT is intended to be the primary mode of monitoring site related alarms. Roseau County does not intend to add additional monitoring to the ARMER backbone.

Roseau County does plan to monitor both minor and major alarms on equipment the county has installed at not only the main county site but other MnDOT ARMER sites as well.

Interoperability

Roseau County will continue to use VHF as the primary communication system for use in Roseau County for all public safety agencies. It is clear that there will be a need to insure the highest level of interoperability to all public safety users that work in and around Roseau County including local, state and federal agencies. Failure to address all will result in increased risk to life and property. Currently, all agencies including public safety agencies (local, state, and federal) that operate in Roseau County use the VHF band and have installed frequencies of each other for interoperability by using the frequencies in a shared system of systems giving direct communications with all who would become involved in an multi-agency response.

Interoperability Definition: Communications interoperability is the ability of public safety agencies to talk across disciplines and jurisdictions via radio communications systems, exchanging voice and or data with one another

- On Demand
- In Real Time
- As needed
- As authorized

Day to Day Interoperability: Involves coordination during routine public safety operations. Interoperability is required, for example, when any police agency joins in a vehicle pursuit of a suspect after the chase has moved outside their jurisdiction. Once other agencies become involved, its personnel should be able to communicate directly with their local counterparts in real time.

Mutual Aid and Disaster Response/Coordination Interoperability: Involves a requested joint and immediate response to major incidents that exceed the resources of the requesting agency. It requires tactical communications among numerous groups of public safety personnel. Airplane crashes, civil disturbances, terrorist attacks and bombings, forest fires and tornados are all examples of mutual aid events.

Task Force Interoperability: Involves state, local, tribal and federal agencies coming together for an extended period to address a specific and prolonged public safety concern. Participating agencies may organize task forces for extended recovery operations from major disasters, for providing security at major events, or for conducting operations in response to prolonged criminal activity.

Standards-Based: Different community systems operating on the same technology, shared infrastructure with users working on both their own system and shared network; useful in all scales; wide area, seamless coverage is economical due to shared costs.

Shared System of Systems: A large widespread collection of network of systems using the same technology functioning together to achieve a common purpose.

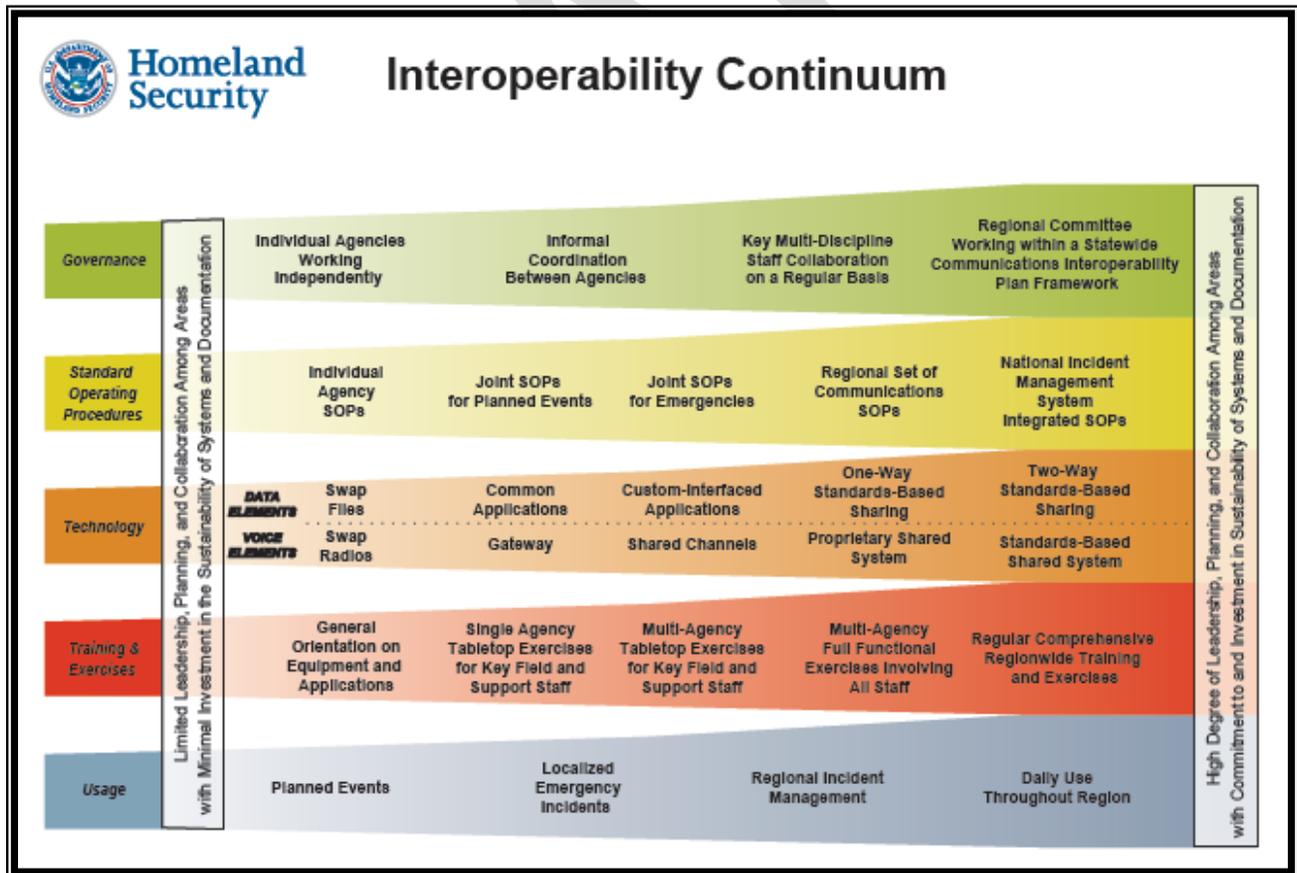
Shared Channels: Shared channels consist of frequencies licensed to individual agencies by the FCC. The use of shared channels can improve interoperability by establishing a common frequency over which multiple jurisdictions or disciplines can communicate. This solution can be achieved using existing systems and resources as long as the shared channels are pre-programmed into each piece of equipment and the radios operate in the same frequency band. Similarly, shared talk groups are specific radio resources that are shared with other agencies and disciplines through a trunk radio system. Interoperability continuum, shared channels can refer to either “shared channels” or “Shared talk groups”

Proprietary Shared Systems and Standards-Based Shared Systems: Shared systems refer to the use of a single radio system infrastructure to provide service to multiple agencies within a region. A standards-based shared system promotes competitive

procurement by allowing agencies to use a wide selection of products to meet specific user needs. A proprietary shared system, on the other hand prevents open competition by forcing users to procure one manufacturer's product exclusively.

A combination of solutions is required to best accommodate the communications needs of a region, county or community.

Roseau County will continue to look at improving and create the best interoperable communications within the financial means of the county and public safety agencies. For VHF and ARMER interoperable communications, it is important to make sure that radios that allow for several sixteen channel banks or zones get authorization and install adjoining county primary zone or channel bank to insure that multi-agency, multi-county responses have the proper shared channel/talk groups available to them for the response.



Roseau County, when addressing interoperability, sees the need to address all four elements of interoperability: On Demand, In Real Time, As needed, and As Authorized. Due to life safety issues, this is being addressed and includes dual band radios to meet this area of need. When you look at 2013, failure for the state to provide dual band radios to state public safety will result in the a lack of direct communications with VHF users such as the US Border patrol and others not migrating over to the ARMER system. The Roseau County law enforcement community has come to rely on US Border Patrol as backup and assistance on a daily basis not only for law enforcement but accidents, fire, and medical emergencies as well.

The critical need for cross communications cannot be an option, but must happen. State of Minnesota will provide for the local law enforcement main to be cross channeled to a talk group. Even with that option, if either side of the cross communications are unable to reach the respective resource, a member of the public safety can become isolated from communications with others. This is one of the reasons Roseau County has put funding into dual band radios for its law enforcement units.

With the elimination of all users in one band, additional needs will be required for interoperability. The goal of Roseau County is to create cross channel VHF to ARMER talk groups for all law enforcement, EMS and fire mains, as well as mobile relay towers covering the four counties in NW Minnesota. The cross channel VHF-ARMER will provide for users such as the State Patrol and conservation officers that lack VHF capability to monitor law enforcement, fire, EMS channels and allow them to be informed on emergency responses within Roseau County and communications between non ARMER responders.

The following cross channels will provide for improved interoperability by simulcast on both ARMER 800 MHz and VHF. The configuration will tie local Law, Fire and EMS to the Roseau County PSAP voter transmit steering panel and allow for the talk group to have coverage county wide on the VHF side of the cross channels. This will reduce the lack of coverage a single radio would provide. The hard patch will provide for the instant interoperability at all times. There are options that provide for cross patching at the

console but that takes time for the dispatcher as well as missed critical calls for help. Based on the configuration there is not an added load to the ARMER system beyond if the same VHF users were operating on the ARMER system direct.

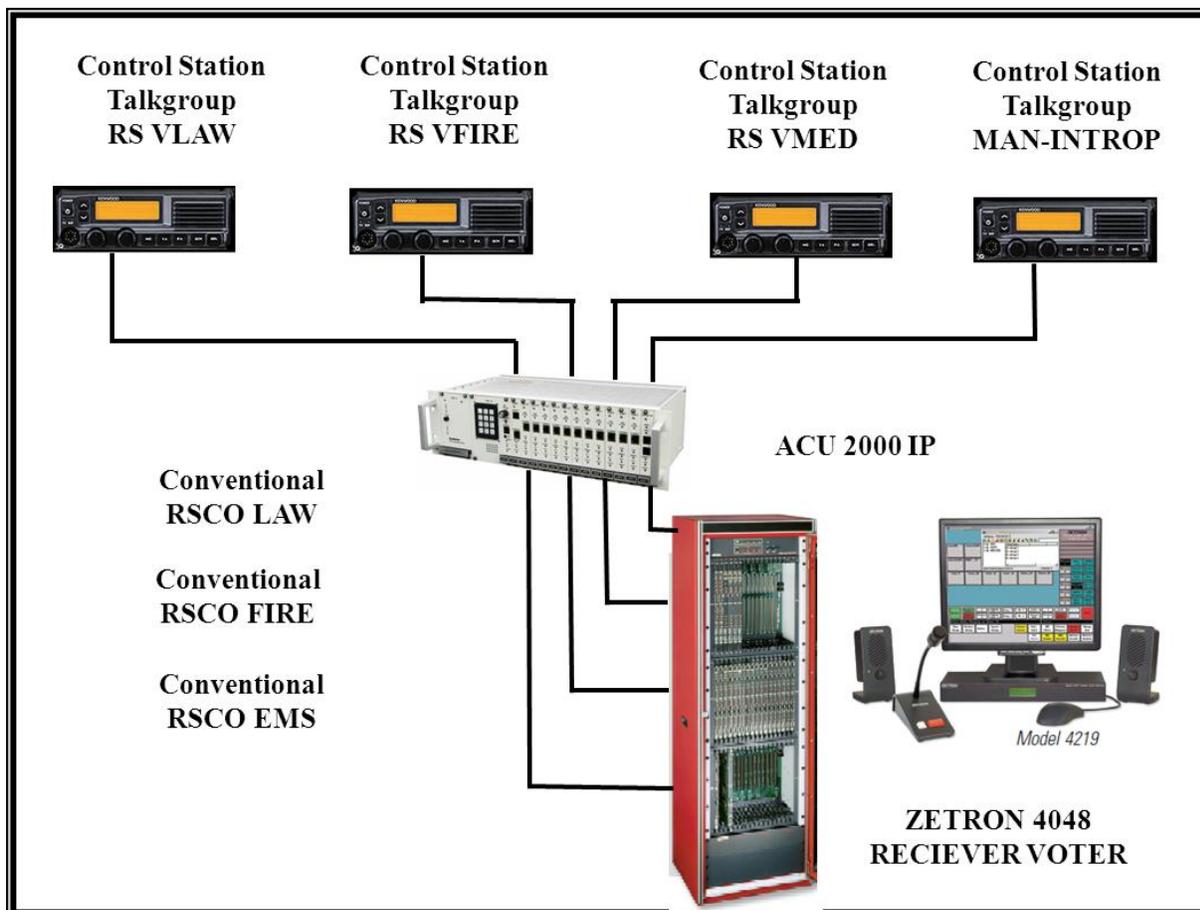
Hard-Patched interoperable Cross Band VHF/ARMER

ARMER Talkgroup	INTEROP Hard Patch	LEGACY Conventional	BASE STATIONS				MOBILE & PORTABLES			
			TX Frequency	TX CTCSS	RX Frequency	RX CTCSS	TX Frequency	TX CTCSS	RX Frequency	RX CTCSS
RS VLAW		RSCO LAW	155.7000	114.8	154.8900	103.5	154.8900	103.5	155.7000	114.8
RS VFIRE		RSCO FIRE	154.3550	114.8	154.3550	114.8	154.3550	114.8	154.3550	114.8
RS VEMS		RSCO EMS	155.3250	103.7	155.3250	103.5	155.3250	103.5	155.3250	103.5
KT KRPTR		KARLSTAD REPTR	155.7900	114.80	154.7700	114.8	154.7700	114.8	155.7900	114.8
LW WRPTR		WILLIAMS REPTR	155.7000	114.80	154.8900	114.8	154.8900	114.8	155.7000	114.8

If Roseau County does migrate over to the ARMER system in the future the same cross band interoperability would still be available to users on the federal level as well as other agencies that would not or did not migrate to ARMER.

Further interoperability will be in the way of control stations. Roseau County will install two control stations under the PCIC grant and tie them to the PSAP Consoles giving up to fifteen talk groups in each. Roseau County will also have one control station designated to the EOC and be IP based remote to allow for all functions of the control station to be available to the user over the intranet as well as with a VLAN connection.

Cross-Band VHF to Talk groups must use a ACU 2000 IP gateway to insure proper operation on each channel due to slight delays and tone issues on trunk-systems. Figure below shows the four control stations, including one for international operations between Roseau PSAP and two PSAPS located in Manitoba Canada. ACU2000 IP is able to be configured and operated over the IP network including radio control- channel select.



Roseau County will have a direct connection based on the fiber between the ARMER backbone and the PSAP. This will allow for added enhancements, such as a status board, to reserved/assign regional and state talk group resources along with ability to extend out VHF four wire audio to the Motorola Motobridge network and allow for a Motobridge Remote(s) be located in the Roseau County PSAP. Additional resources are currently underway including licensing VCALL and UCALL, and in the near future 8CALL as base channels to create the highest level of interoperability for Roseau County.

Based on all of the interfaces there will not be a single point of failure to Roseau County. During a possible cut of fiber or failure of the microwave links causing the ARMER system go into Site mode Roseau County will have configured the control stations to operate on several of the ARMER sites to meet the ongoing communication needs in this type of

emergency. By maintaining full VHF-ARMER overlay in Roseau County no single critical public safety agency will become islands in the area of wireless radio communications.

Roseau County will continue to work with adjoining counties, NW Regional Radio Board, State Radio Board, and MnDOT to update and improve interoperability needs in Roseau County.

System Administration/Management Plan

Roseau County currently plans to work in a cooperative agreement with MnDOT to use the network administration terminal located at the Thief River Falls MnDOT facility. In the future, based on need and finances, there exists the capability to install one in Roseau County's data room where the DS3 Loop is terminated. The county understands that there is a significant level of training needed to operate the subsystem level of network management and system administration. The county will identify staff to attend vendor specific training to support internal needs for the system programming and administrations. The county will continue to make use of local two-way radio shop support and coordinate with NW Minnesota Region and MnDOT as needed for higher level system administration functions.

Project Management & Delivery

Training Plan

Roseau County recognizes the importance of a robust training program as a key element of its successful interoperable enhancements and use of the ARMER system. The county will create a detailed training program by using the guidance and experience of others in the state that are currently users on the ARMER system. Many agencies have invested in the dual band radios to insure proper interoperability with VHF and the ARMER system. This alone will require additional customized training in the Northwest area of the state as well as in the county. Further support will come from online training available from state resources as well as vendor supported training for all levels with input from the NW Regional Advisory Committee.

The county intends to have trainers available, on a limited basis, for the initial users and establish trainers for long term ongoing user training and refresher courses. The county will create a documented training program to cover all of the following areas:

- Train-the Trainer Training
- Radio User Training
- System Administrator Training
- Console Operator Training
- Interoperable only User training

Cut Over/Migration Plan

Roseau County intends to time the enhancements and interoperable communication links, including cross-band interfaces with the ARMER system, in full cooperation with MnDOT and the State Radio Board. By third quarter 2011 all but one ARMER site in the county and two adjacent to the county will remain to come onto the air. As funding and management decision and planning continues, the long range direction of communications with in Roseau County updates will be given both on the regional as well as state level for a coordinated and plan enhancements involving the ARMER system by Roseau County. At this time Roseau County will begin user training, programming and distribution of radios. Roseau County will coordinate it enhancements and further migration timing with MnDOT for implementation of talk groups and system user IDs.

Schedule/Project Time Line

This section is under development and will vary on different parts of the system based on funding, upgrades and enhancements. Roseau County will work close with MnDOT as the project proceeds. Currently, dual band mobile radios, single band ARMER accepted portable along with two control stations in the PSAP and control station for the county's EOC are proceeding to be put into operation over the next quarter. Additional updates

such as talk groups installed and increased number of subscriber units will be based on timing of grants and other funding sources.

Roseau County will continue to upgrade the interoperability to ARMER based on need, funding and required enhancements based on life and property protection. Roseau County clearly sees the need to have hard patches as well as local talk groups in place over the next six to twelve months. Subscriber units and control stations will become operational and require between fifty and seventy five ID's along with Roseau County shared talk groups, Sheriff Department, Greenbush, Roseau and Warroad Police departments talk groups.

Maintenance Plan/Spare Parts

Roseau County will continue to use the VHF band channels as the main communications network for all county public safety users. Additional communication infrastructure for the county will include the state ARMER backbone system along with use of the ARMER Microwave. Roseau County will share the responsibility with the state for maintaining the ARMER backbone infrastructure, by providing for the maintenance of any county subsystem, interoperable and network equipment and link additions. The county will have full responsibility for maintenance of its console systems, mobile and portable radios along with interoperability control station equipment. The county also will have total responsibility for its VHF system as well as the simulcast paging system. The county has some internal support capability and also contracts for service from private sector service providers to provide ongoing support and maintenance of the county owned radio infrastructure and subscriber equipment.

Appendix A

Minnesota State-Wide Talkgroups								
Talk Group/ MultiGroup	On Console ?	Resource Owner	Resource Administrator	Permissions	Description	Priority	Logging	Encryption
FTAC1	Y	State	Mn/DOT		Statewide Fire Tactical 1		N	N
FTAC2	Y	State	Mn/DOT		Statewide Fire Tactical 2		N	N
FTAC3	N	State	Mn/DOT		Statewide Fire Tactical 3		N	N
FTAC4	Y	State	Mn/DOT		Statewide Fire Tactical 4		N	N
STAC-1	Y	State	Mn/DOT		Statewide Tactical 1		N	N
STAC-2	Y	State	Mn/DOT		Statewide Tactical 2		N	N
STAC-3	N	State	Mn/DOT		Statewide Tactical 3		N	N
STAC-4	Y	State	Mn/DOT		Statewide Tactical 4		N	N
LTAC-1	Y	State	Mn/DOT		Statewide Law Tactical 1		N	N
LTAC-2	Y	State	Mn/DOT		Statewide Law Tactical 2		N	N
LTAC-3	N	State	Mn/DOT		Statewide Law Tactical 3		N	N
LTAC-4	Y	State	Mn/DOT		Statewide Law Tactical 4		N	N
ETAC-1	Y	State	Mn/DOT		Statewide EMS Tactical 1		N	N
ETAC-2	Y	State	Mn/DOT		Statewide EMS Tactical 2		N	N
ETAC-3	N	State	Mn/DOT		Statewide EMS Tactical 3		N	N
ETAC-4	Y	State	Mn/DOT		Statewide EMS Tactical 4		N	N
LETAC 1	N	State	Mn/DOT		Statewide Law Tactical 1 (Encrypted)		N	Y
LETAC 2	N	State	Mn/DOT		Statewide Law Tactical 2 (Encrypted)		N	Y
LESIU 1	N	State	Mn/DOT		Statewide Law Special Investigations 1 (Encrypted)		N	Y
LESIU 2	N	State	Mn/DOT		Statewide Law Special Investigations 2 (Encrypted)		N	Y
SOA A1	N	State	Mn/DOT		Statewide All Scene of Action 1		N	N
SOA A2	N	State	Mn/DOT		Statewide All Scene of Action 2		N	N
SOA P1	N	State	Mn/DOT		Statewide Law Scene of Action 1		N	N
SOA P2	N	State	Mn/DOT		Statewide Law Scene of Action 2		N	N
SOA F1	N	State	Mn/DOT		Statewide Fire Scene of Action 1		N	N
SOA F2	N	State	Mn/DOT		Statewide Fire Scene of Action 2		N	N
SW EMGT	Y	State	Mn/DOT		Statewide Emergency Management		N	N
SW SYSTEC	N	State	Mn/DOT		Statewide System Technician		N	Y

Appendix B

NW Regional Talkgroups								
Talk Group/ MultiGroup	On Console ?	Resource Owner	Resource Administrator	Permissions	Description	Priority	Logging	Encryption
NW ROAM	Y	NWRRB	NWRRB		Roaming all public safety users		Y	N
NW 911	Y	NWRRB	NWRRB		All users other than public safety		Y	N
NW PSAP	Y	NWRRB	NWRRB		All PSAP's Region wide		Y	N
NW HOSP	Y	NWRRB	NWRRB		All Hospitals and ER Services Region wide		Y	N
NW EOC	Y	NWRRB	NWRRB		All EOC Emergency Management Region wide		Y	N
NW FIRE	Y	NWRRB	NWRRB		All Fire State, Local & Federal		Y	N
NW EMS	Y	NWRRB	NWRRB		All EMS First Responders		Y	N
NW CALL	Y	NWRRB	NWRRB		All Call Other Base Stations		Y	N
NW ATAC1	Y	NWRRB	NWRRB		All Users Tactical		Y	N
NW ATAC2	Y	NWRRB	NWRRB		All Users Tactical		Y	N
NW ATAC3	Y	NWRRB	NWRRB		All Users Tactical		Y	N
NW ATAC4	Y	NWRRB	NWRRB		All Users Tactical		Y	N
NW ATAC5	Y	NWRRB	NWRRB		All Users Tactical		Y	N
NW ATAC6	Y	NWRRB	NWRRB		All Users Tactical		Y	N
NW ATAC6	Y	NWRRB	NWRRB		All Users Tactical		Y	N
NW ATAC7	Y	NWRRB	NWRRB		All Users Tactical		Y	N
NW ATAC8	Y	NWRRB	NWRRB		All Users Tactical		Y	N
NW ATAC9	Y	NWRRB	NWRRB		All Users Tactical		Y	N
NW ATAC10	Y	NWRRB	NWRRB		All Users Tactical		Y	N
NW ATAC11	Y	NWRRB	NWRRB		All Users Tactical		Y	N
NW ATAC12	Y	NWRRB	NWRRB		All Users Tactical		Y	N

Appendix C

Roseau County Local Talkgroups								
Talk Group/ MultiGroup	On Console ?	Resource Owner	Resource Administrator	Permissions	Description	Priority	Logging	Encryption
RS CALL	Y	Roseau County	Roseau County		Public Safety users for Roseau Co		Y	N
RS ROAM	Y	Roseau County	Roseau County		Roseau Co public safety state wide roam		Y	N
RS 911	Y	Roseau County	Roseau County		Non-public safety users for Roseau co		Y	N
RS PSAP	Y	Roseau County	Roseau County		PSAP to individual PSAP Point to point		Y	N
RS VLAW	Y	Roseau County	Roseau County		cross VHF-TG RS Sheriff main		Y	N
RS VEMS	Y	Roseau County	Roseau County		cross VHF-TG RS EMS main		Y	N
RS VFIRE	Y	Roseau County	Roseau County		cross VHF-TG RS Fire main		Y	N
RS VRRPTR	Y	Roseau County	Roseau County		Cross VHF-TG RS Roseau Repeater		Y	N
LW VWRPTR	Y	Roseau County	Roseau County		cross VHF-TG Williams Repeater		Y	N
KT VKRPTR	Y	Roseau County	Roseau County		cross VHF-TG Karlstad Repeater		Y	N
LW VPRPTR	Y	Roseau County	Roseau County		cross VHF-TG Piper Repeater		Y	N
MH VMRPTR	Y	Roseau County	Roseau County		cross VHF-TG Middle River Repeater		Y	N
RS EMH1	Y	Roseau County	Roseau County		Roseau Co Emergency Hosptial TG		Y	N
RS SCH1	Y	Roseau County	Roseau County		Roseau Co School TG county wide		Y	N
RS EOC1	Y	Roseau County	Roseau County		Rosau Co EOC TG		Y	N
RS LAW1	Y	Roseau County	Roseau County		Roseau Co Law Enforcement Secondary TG		Y	N
RS LAWE1	Y	Roseau County	Roseau County		Roseau Co Law Encrypted TG		Y	Y
RS FIRE1	Y	Roseau County	Roseau County		Roseau Co Fire Secondary TG		Y	N
RS EMS1	Y	Roseau County	Roseau County		Roseau Co EMS Secondary TG		Y	N
RS OPS1	N	Roseau County	Roseau County		Roseau Country interop operations TG		N	N
RS OPS2	N	Roseau County	Roseau County		Roseau Country interop operations TG		N	N
RS OPS3	N	Roseau County	Roseau County		Roseau Country interop operations TG		N	N
RS OPS4	N	Roseau County	Roseau County		Roseau Country interop operations TG		N	N
RS OPS5	N	Roseau County	Roseau County		Roseau Country interop operations TG		N	N
RS OPS6	N	Roseau County	Roseau County		Roseau Country interop operations TG		N	N
RS RCS ADM	N	Roseau County	Roseau County		Roseau County Sheriff Administration TG		N	N
RS RCS OPS1	N	Roseau County	Roseau County		Roseau County Sheriff Operations TG 1		N	N
RS RCS OPS2	N	Roseau County	Roseau County		Roseau County Sheriff Operations TG 2		N	N
RS RCS OPSE1	N	Roseau County	Roseau County		Roseau County Sheriff Operations TG 1 Encrypted		N	Y
RS EOC ADM	N	Roseau County	Roseau County		Roseau County EOC Administration		N	N
RS EOC OPS1	N	Roseau County	Roseau County		Roseau County EOC operations TG 1		N	N
RS EOC OPS2	N	Roseau County	Roseau County		Roseau County EOC operations TG 2		N	N
RS HWY ADM	N	Roseau County	Roseau County		Roseau County Highway Administration TG		N	N
RS HWY OPS1	N	Roseau County	Roseau County		Roseau County Highway operations TG 1		N	N
RS HWY OPS2	N	Roseau County	Roseau County		Roseau County Highway operations TG 2		N	N
RS HWY OPS3	N	Roseau County	Roseau County		Roseau County Highway operations TG 3		N	N
RS BFD ADM	N	Roseau County	Roseau County		Badger Fire Department Administration		N	N
RS BFD OPS1	N	Roseau County	Roseau County		Badger Fire Department Operations TG 1		N	N
RS BFD OPS2	N	Roseau County	Roseau County		Badger Fire Department Operations TG 2		N	N
RS BFD OPS3	N	Roseau County	Roseau County		Badger Fire Department Operations TG 3		N	N
RS B1ST OPS1	N	Roseau County	Roseau County		Badger Fire First Responders operations 1		N	N
RS TCEMS OPS1	N	Roseau County	Roseau County		Tri-County EMS Operations TG 1		N	N
RS TCEMS OPS2	N	Roseau County	Roseau County		Tri-County EMS Operations TG 2		N	N

Appendix C Continued

Roseau County Local Talkgroups								
Talk Group/ MultiGroup	On Console ?	Resource Owner	Resource Administrator	Permissions	Description	Priority	Logging	Encryption
RS GPW OPS1	N	Roseau County	Roseau County		Greenbush Public Works Operations 1		N	N
RS GFD ADM	N	Roseau County	Roseau County		Greenbush Fire Department Administration		N	N
RS GFD OPS1	N	Roseau County	Roseau County		Greenbush Fire Department Operations TG 1		N	N
RS GFD OPS2	N	Roseau County	Roseau County		Greenbush Fire Department Operations TG 2		N	N
RS GFD OPS3	N	Roseau County	Roseau County		Greenbush Fire Department Operations TG 3		N	N
RS GPD ADM	N	Roseau County	Roseau County		Greenbush Police Department Administration		N	N
RS GPD OPS1	N	Roseau County	Roseau County		Greenbush Police Department Operations TG 1		N	N
RS GPD OPS1E1	N	Roseau County	Roseau County		Greenbush Police Department Operations Encrypted		N	Y
RS RPW ADM	N	Roseau County	Roseau County		City of Roseau Public Works Administration		N	N
RS RPW OPS1	N	Roseau County	Roseau County		City of Roseau Public Works Operations TG 1		N	N
RS RPW OPS2	N	Roseau County	Roseau County		City of Roseau Public Works Operations TG 2		N	N
RS RFD ADM	N	Roseau County	Roseau County		Roseau Fire Department Administration		N	N
RS RFD OPS1	N	Roseau County	Roseau County		Roseau Fire Department Operations TG 1		N	N
RS RFD OPS2	N	Roseau County	Roseau County		Roseau Fire Department Operations TG 2		N	N
RS RFD OPS3	N	Roseau County	Roseau County		Roseau Fire Department Operations TG 3		N	N
RS RPD ADM	N	Roseau County	Roseau County		Roseau Police Department Administration		N	N
RS RPD OPS1	N	Roseau County	Roseau County		Roseau Police Department Operations TG 1		N	N
RS RPD OPS2	N	Roseau County	Roseau County		Roseau Police Department Operations TG 2		N	N
RS RPD OPS1E1	N	Roseau County	Roseau County		Roseau Police Department Operations Encrypted		N	Y
RS LCEMS ADM	N	Roseau County	Roseau County		Roseau Life Care EMS Administration		N	N
RS LCEMS OPS1	N	Roseau County	Roseau County		Roseau Life Care EMS Operations TG 1		N	N
RS LCEMS OPS2	N	Roseau County	Roseau County		Roseau Life Care EMS Operations TG 2		N	N
RS LCEMH OPS1	N	Roseau County	Roseau County		Roseau Life Care ER Hosp Operations TG 1		N	N
RS LCEMH OPS2	N	Roseau County	Roseau County		Roseau Life Care ER Hosp Operations TG 2		N	N
RS WPW ADM	N	Roseau County	Roseau County		City of Warroad Public Works Administration		N	N
RS WPW OPS2	N	Roseau County	Roseau County		City of Warroad Public Works Operations TG 2		N	N
RS WFD ADM	N	Roseau County	Roseau County		Warroad Fire Department Administration		N	N
RS WFD OPS1	N	Roseau County	Roseau County		Warroad Fire Department Operations TG 1		N	N
RS WFD OPS2	N	Roseau County	Roseau County		Warroad Fire Department Operations TG 2		N	N
RS WFD OPS3	N	Roseau County	Roseau County		Warroad Fire Department Operations TG 3		N	N
RS WEMS ADM	N	Roseau County	Roseau County		Warroad Ambulance EMS Administration		N	N
RS WEMS OPS1	N	Roseau County	Roseau County		Warroad Ambulance EMS Operations TG 1		N	N
RS WEMS OPS2	N	Roseau County	Roseau County		Warroad Ambulance EMS Operations TG 2		N	N
RS WPD ADM	N	Roseau County	Roseau County		Warroad Police Department Administration		N	N
RS WPD OPS1	N	Roseau County	Roseau County		Warroad Police Department Operations TG 1		N	N
RS WPD OPS2	N	Roseau County	Roseau County		Warroad Police Department Operations TG 2		N	N
RS WPD OPS3	N	Roseau County	Roseau County		Warroad Police Department Operations TG 3		N	N
RS WPD OPS1E1	N	Roseau County	Roseau County		Warroad Police Department Operations TG Encrypted		N	Y
RS W1ST OPS1	N	Roseau County	Roseau County		Wannaska First Responders Operations TG 1		N	N
RS N1ST OPS1	N	Roseau County	Roseau County		North Star First Responders Operations TG 1		N	N

Appendix D

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET					Frequency Band		Description		
					VHF Roseau County-Wide		PSAP VHF Channels		
Channel Configuration	Channel Name/Trunked Radio System Talkgroup	Eligible Users	RX Freq N or W	RX Tone/NAC	TX Freq N or W	Tx Tone/NAC	Mode A, D or M	Remarks	
Base	VCALL 10	ALL	155.7525 N	156.7	155.7525 N	156.7	A	National Interop call	
Base	MNCOMM-W	LAW/FIRE/EMS	155.3700 W	CSQ	155.3700 W	CSQ	A	state wide use	
Base	VMED28W	LAW/FIRE/EMS	155.3400 W	210.7	155.3400 W	CSQ	A	nation wide use	
Base	VLAW31W	LAW/FIRE/EMS	155.4750 W	CSQ	155.4750 W	CSQ	A	state wide use	
Base	VFIRE23W	LAW/FIRE/EMS	154.2950 W	CSQ	154.2950 W	CSQ	A	state wide use	
Control Point	KT-KRPT	LAW/FIRE/EMS	155.7900 W	114.8	154.7700 W	114.8	M	Karlstad Repeater	
Control Point	KT-D-KRPT	LAW/FIRE/EMS	155.7900 W		154.7700 W		D	Karlstad Repeater P25 Digital	
Control Point	LW-WRPT	LAW/FIRE/EMS	155.7000 W	114.8	154.8900 W	114.8	A	Williams Repeater	
Control Point	LW-PRPT	LAW/FIRE/EMS	155.7000 W	114.8	154.8900 W		A	Piper Repeater	
Control Point	LW-D-PRPT	LAW/FIRE/EMS	155.7000 W		154.8900 W		D	Piper Repeater P25 Digital	
Control Point	RS-RRPT	LAW/FIRE/EMS	155.7000 W	114.8	154.8900 W	103.5	A	Roseau Repeater	
Base	RS L0 Law	LAW/FIRE/EMS	155.7000 W	114.8	155.7000 W	114.8	A	Roseau Co Sheriff Three Site Voted	
Base	RS L0 EMS	LAW/FIRE/EMS	155.3250 W	103.5	155.3250 W	103.5	A	Roseau Co EMS Three Site voted	
Base-Page	VHF Page163	EMS/FIRE	163.2500 W	CSQ	163.2500 W	CSQ	A	paging only	
Base-Page	VHF Page152	EMS/FIRE	152.0075 W	CSQ	152.0075 W	CSQ	A	Roseau Co Paging Five Site simulcast	
Base	RS L0 Fire	LAW/FIRE/EMS	154.3550 W	114.8	154.3550 W	114.8	A	Roseau Co Fire Three site voted	
Control Point	RS HWY	RS HWY	158.9850 W	192.8	154.1450 W	192.8	A	County wide rpt	

Appendix E

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET						Frequency Band		Description	
						VHF Roseau County-Wide		Mobile/Portable VHF Channels	
Channel Configuration	Channel Name/Trunked Radio System Talkgroup	Eligible Users	RX Freq N or W	RX Tone/NAC	TX Freq N or W	TX Tone/NAC	Mode A, D or M	Remarks	
Mobile	VCALL10	ALL	155.7525 N	156.7	155.7525 N	156.7	A	National Interop call	
Mobile	VTAC11	ALL	151.1375 N	156.7	151.1375 N	156.7	A	National Interop	
Mobile	VTAC12	ALL	154.4525 N	156.7	154.4525 N	156.7	A	National Interop	
Mobile	VTAC13	ALL	158.7375 N	156.7	158.7375 N	156.7	A	National Interop	
Mobile	VTAC14	ALL	159.4725 N	156.7	159.4725 N	156.7	A	National Interop	
Rptr input	VTAC 17	ALL	161.8500 N	156.7	157.2500 N	156.7	A	NW MN area only	
Mobile	VTAC 17D	ALL	157.2500 N	156.7	157.2500 N	156.7	A	NW MN area only	
mobile	DNR FTAC1	Fire	151.3850 N	127.3	151.3850 N	127.3	A	fire Forestry	
mobile	MSP DSP	Law	154.9200 W	127.3	159.2100 W	127.3	A	MSP 3200 Disptach	
Mobile	MSP C2C	Law	154.9200 W	127.3	154.9200 W	127.3	A	MSP car to car	
Mobile	MSP TAC	Law	160.9500 W	412	160.9500 W	412	A	MSP state tactical	
Mobile	MNCOMM-W	LAW/FIRE/EMS	155.3700 W	CSQ	155.3700 W	CSQ	A	state wide use	
Mobile	VMED28W	LAW/FIRE/EMS	155.3400 W	CSQ	155.3400 W	210.7	A	nation wide use	
Mobile	VLAW31W	LAW/FIRE/EMS	155.4750 W	CSQ	155.4750 W	CSQ	A	state wide use	
Mobile	VFIRE23W	LAW/FIRE/EMS	154.2950 W	CSQ	154.2950 W	CSQ	A	state wide use	
Mobile	F-VTAC1	LAW/FIRE/EMS	153.8300 W	CSQ	153.8300 W	CSQ	A	state wide use	
Mobile	E-VTAC1	LAW/FIRE/EMS	155.3850 N	CSQ	155.3850 N	CSQ	A	local EMS Tac 1	
Mobile	E-VTAC2	LAW/FIRE/EMS	150.7750 W	CSQ	150.7750 W	CSQ	A	local EMS Tac 2	
Mobile	NWR EMS	LAW/FIRE/EMS	155.3250 W	156.7	155.3250 W	156.7	A	Freq region wide	

Appendix E Continued

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET						Frequency Band		Description	
						VHF Roseau County-Wide		Mobile/Portable VHF Channels	
Channel Configuration	Channel Name/Trunked Radio System Talkgroup	Eligible Users	RX Freq N or W	RX Tone/NAC	TX Freq N or W	Tx Tone/NAC	Mode A, D or M	Remarks	
mobile relay	KT-KRPT	LAW/FIRE/EMS	155.7900 W	114.8	154.7700 W	114.8	M	Karlstad Repeater	
mobile relay	LW-WRPT	LAW/FIRE/EMS	155.7000 W	114.8	154.8900 W	114.8	A	Williams Repeater	
mobile relay	MH-MRPT	LAW/FIRE/EMS	155.7900 W	114.8	154.7700 W	127.3	A	Middle River Repeater	
mobile relay	PK-MRPT	LAW/FIRE/EMS	155.4150 W	114.8	154.6500 W	114.8	A	Marcoux Repeater	
mobile relay	MH-GRPT	LAW/FIRE/EMS	155.6250 W	114.8	154.9500 W	114.8	A	Grygla Repeater	
Mobile	RS LO Law	LAW/FIRE/EMS	155.7000 W	114.8	155.7000 W	114.8	A	Roseau Co Sheriff	
mobile	LW LO Law	LAW/FIRE/EMS	155.7000 W	114.8	155.7000 W	114.8	A	Lake of the Woods Co Sheriff	
Mobile	MH LO Law	LAW/FIRE/EMS	155.6250 W	114.8	155.6250 W	114.8	A	Marshall County Sheriff	
Mobile	KT LO Law	LAW/FIRE/EMS	155.5200 W	114.8	155.5200 W	114.8	M	Kittson County Sheriff	
Mobile	BL LO Law	LAW/FIRE/EMS	154.7550 W	D123	155.6850 W	D123	A	Beltrami Co Sheriff	
Mobile	PN LO Law	LAW/FIRE/EMS	155.1900 W	114.8	155.1900 W	114.8	M	Pennington Co Sheriff	
Mobile	RL LO Law	LAW/FIRE/EMS	155.1900 W	114.8	155.1900 W	114.8	M	Red Lake County Sheriff	
Mobile	PK LO Law	LAW/FIRE/EMS	154.8150 W	114.8	154.8150 W	114.8	A	Polk Co Sheriff	
Mobile	CR LO Law	LAW/FIRE/EMS	155.7300 W	114.8	155.7300 W	114.8	A	Clearwater Co Sheriff	
Mobile	NR LO Law	LAW/FIRE/EMS	155.4900 W	D123	155.4900 W	D123	A	Norman Co Sheriff	
Mobile	MM LO Law	LAW/FIRE/EMS	155.6700 W	D123	155.6700 W	D123	A	Mahnomen Co Sheriff	
Mobile	HU LO Law	LAW/FIRE/EMS	154.7850 W	D123	154.7850 W	D123	A	Hubbard Co Sheriff	
Mobile	RS LO EMS	LAW/FIRE/EMS	155.3250 W	103.5	155.3250 W	103.5	A	Roseau County EMS	
Mobile	LW LO EMS	LAW/FIRE/EMS	155.3250 W	186.2	155.3250 W	186.2	A	Lakewood Health Center	

Appendix E Continued

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET						Frequency Band			Description	
						VHF Roseau County-Wide			Mobile/Portable VHF Channels	
Channel Configuration	Channel Name/Trunked Radio System Talkgroup	Eligible Users	RX Freq N or W	RX Tone/NAC	TX Freq N or W	Tx Tone/NAC	Mode A, D or M	Remarks		
Mobile	MH LO EMS	LAW/FIRE/EMS	155.3250 W	127.3	155.3250 W	127.3	A	North Valley Health Center		
Mobile	KT LO EMS	LAW/FIRE/EMS	155.3250 W	110.9	155.3250 W	110.9	A	Kittson Memorial		
Mobile	BL LO EMS	LAW/FIRE/EMS	155.3250 W	114.8	155.3250 W	114.8	A	North Country		
Mobile	PN LO EMS	LAW/FIRE/EMS	155.3250 W	131.8	155.3250 W	131.8	A	Northwestern Medical		
Mobile	PK LO EMS W	LAW/FIRE/EMS	155.3250 W	127.3	155.3250 W	127.3	A	Riverview		
Mobile	PK LO EMS E	LAW/FIRE/EMS	155.3250 W	151.4	155.3250 W	151.4	A	First Care Medical Fosston		
Mobile	GF LO EMS	LAW/FIRE/EMS	155.3250 W	192.8	155.3250 W	192.8	A	Altru Medical Grand Forks		
1-way page	VHF Page163	EMS/FIRE	163.2500 W	CSQ			A	one-way paging page#2		
1-way page	VHF Page152	EMS/FIRE	152.0075 W	CSQ			A	one-way paging page#1		
Mobile	RS LO Fire	LAW/FIRE/EMS	154.3550 W	114.8	154.3550 W	114.8	A	Roseau Co Fire		
Mobile	LW LO Fire	LAW/FIRE/EMS	154.3850 W	114.8	154.3850 W	114.8	A	Lake of the Woods Fire		
Mobile	MH LO Fire	LAW/FIRE/EMS	154.2050 W	114.8	154.2050 W	114.8	A	Marshall Co Fire		
Mobile	KT LO Fire	LAW/FIRE/EMS	154.3700 W	114.6	154.3700 W	114.8	A	Kittson County Fire		
Mobile	RS Util	Rutil/REC	155.1000 W	114.8	155.1000 W	114.8	A	City of Roseau only		
Mobile	WAR Util	WUTIL/REC	155.0100 W	114.8	155.0100 W	114.8	A	City of Warroad only		
Mobile Relay	RS HWY	RS HWY	158.9850 W	192.8	154.1450 W	192.8	A	County wide rprr		
Mobile	SD 682	SCHOOL	155.2950 W	156.7	155.2950 W	156.7	A	Roseau School		
Mobile	SD 690	SCHOOL	155.2050 W	114.8	155.2050 W	114.8	A	Warroad School		
Mobile	SD 676	SCHOOL	155.2050 W	203.5	155.2050 W	203.5	A	Badger School		
Mobile	SD 2683 G	SCHOOL	155.2350 W	D261	155.2350 W	D261	A	Greenbush School		
Mobile	SD 2683 M	SCHOOL	155.1600 W	D365	155.1600 W	D365	A	Middle River School		

Appendix F

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET						Frequency Band		Description	
						UHF- Medical		Hospital- UHF Med Channels	
Channel Configuration	Channel Name/Trunked Radio System Talkgroup	Eligible Users	RX Freq N or W	RX Tone/NAC	TX Freq N or W	Tx Tone/NAC	Mode A, D or M	Remarks	
Base/Repeater	Med-9 Rptr	EMS/Hosp	467.9500 N	156.7	462.9500 N	156.7	A	Hospital base repeater	
Temp/Repeater	Med-10 Rptr	EMS/Hosp	467.9750 N	156.7	462.9750 N	156.7	A	temporary Repeater	
mobile/Repeater	Med-9 Rptr	EMS/Hosp	462.9500 N	156.7	467.9500 N	156.7	A	mobile input to Hosp Rptr	
mobile/Repeater	Med-10 Rptr	EMS/Hosp	462.9750 N	156.7	467.9750 N	156.7	A	mobile input T-Reprr	
mobile	Med-1	EMS/Hosp	463.0000 N	156.7	468.0000 N	156.7	A	mobile/ portable talk	
mobile	Med-2	EMS/Hosp	463.0250 N	156.7	468.0250 N	156.7	A	mobile/ portable talk	
mobile	Med-3	EMS/Hosp	463.0500 N	156.7	468.0500 N	156.7	A	mobile/ portable talk	
mobile	Med-4	EMS/Hosp	463.0750 N	156.7	468.0750 N	156.7	A	mobile/ portable talk	
mobile	Med-5	EMS/Hosp	463.1000 N	156.7	463.1000 N	156.7	A	mobile/ portable talk	
mobile	Med-6	EMS/Hosp	463.1250 N	156.7	468.1250 N	156.7	A	mobile/ portable talk	
mobile	Med-1D	EMS/Hosp	468.0000 N	156.7	468.0000 N	156.7	A	mobile/Portable Rptr Bypass	
mobile	Med-2D	EMS/Hosp	468.0250 N	156.7	468.0250 N	156.7	A	mobile/Portable Rptr Bypass	
mobile	Med-3D	EMS/Hosp	468.0500 N	156.7	468.0500 N	156.7	A	mobile/Portable Rptr Bypass	
mobile	Med-4D	EMS/Hosp	468.0750 N	156.7	468.0750 N	156.7	A	mobile/Portable Rptr Bypass	
mobile	Med-5D	EMS/Hosp	468.1000 N	156.7	468.1000 N	156.7	A	mobile/Portable Rptr Bypass	
mobile	Med-6D	EMS/Hosp	468.1250 N	156.7	468.1250 N	156.7	A	mobile/Portable Rptr Bypass	
mobile	Med-9D	EMS/Hosp	462.9500 N	156.7	462.9500 N	156.7	A	mobile/Portable Rptr Bypass	
mobile	Med-10D	EMS/Hosp	462.9750 N	156.7	462.9750 N	156.7	A	mobile/Portable Rptr Bypass	

Appendix G

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET						Frequency Band		Description	
						VHF Nation Wide		National VHF Interop Channels	
Channel Configuration	Channel Name/Trunked Radio System Talkgroup	Eligible Users	RX Freq N or W	RX Tone/NAC	TX Freq N or W	TX Tone/NAC	Mode A, D or M	Remarks	
Mobile/base	VCAL 10	ALL	155.7525 N	CSQ	155.7525 N	156.7	A	National Interop call	
Mobile	VTAC11	ALL	151.1375 N	156.7	151.1375 N	156.7	A	National Interop	
Mobile	VTAC12	ALL	154.4525 N	156.7	154.4525 N	156.7	A	National Interop	
Mobile	VTAC13	ALL	158.7375 N	156.7	158.7375 N	156.7	A	National Interop	
Mobile	VTAC14	ALL	159.4725 N	156.7	159.4725 N	156.7	A	National Interop	
mobile Repter	VTAC 17	ALL	157.2500 N	156.7	161.8500 N	156.7	A	National Interop	
Mobile Direct	VTAC 17 D	ALL	161.8500 N	156.7	161.8500 N	156.7	A	National Interop	
Tac Rpt	VTAC33	ALL	159.4725N	CSQ	151.1375N	136.5	A	National Interop Reptear Pair	
Tac Rpt	VTAC34	ALL	158.7275N	CSQ	154.4525N	136.5	A	National Interop Reptear Pair	
Tac Rpt	VTAC35	ALL	159.4725N	CSQ	158.7375N	136.5	A	National Interop Reptear Pair	
Tac Rpt	VTAC36	ALL	151.1375N	CSQ	159.4725N	136.5	A	National Interop Reptear Pair	
Tac Rpt	VTAC37	ALL	154.4525N	CSQ	158.7375N	136.5	A	National Interop Reptear Pair	
Tac Rpt	VTAC38	ALL	158.7375N	CSQ	159.4725N	136.5	A	National Interop Reptear Pair	

Appendix H

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET						Frequency Band		Description		
						UHF Nation Wide		National Interop UHF Channels		
Channel Configuration	Channel Name/Trunked Radio System Talkgroup	Eligible Users	RX Freq N or W	RX Tone/NAC	TX Freq N or W	Tx Tone/NAC	Mode A, D or M	Remarks		
mobile/base/rptr	UCAL40	ALL	453.2125 N	156.7	458.2125 N	156.7	A	National Interop call		
mobile/base	UCAL40D	ALL	453.2125 N	156.7	453.2125 N	156.7	A	National Interop call		
mobile/rptr	UTAC41	ALL	453.4625 N	156.7	458.4625 N	156.7	A	National Interop		
mobile	UTAC41D	ALL	453.4625 N	156.7	453.4625 N	156.7	A	National Interop		
mobile/rptr	UTAC42	ALL	453.7125 N	156.7	458.7125 N	156.7	A	National Interop		
mobile	UTAC42D	ALL	453.7125 N	156.7	453.7125 N	156.7	A	National Interop		
mobile/rptr	UTAC43	ALL	453.8625 N	156.7	458.8625 N	156.7	A	National Interop		
mobile	UTAC43D	ALL	453.8625 N	156.7	453.8625 N	156.7	A	National Interop		

Appendix I

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET						Frequency Band		Description	
						800 MHz Nation Wide		National 800 Interop Channels	
Channel Configuration	Channel Name/Trunked Radio System Talkgroup	Eligible Users	RX Freq N or W	RX Tone/NAC	TX Freq N or W	Tx Tone/NAC	Mode A, D or M	Remarks	
MOBILE/BASE/Rptr	8CALL90	All	851.0125 N	156.7	806.0125 N	156.7	A	National Interop call Repeated	
mobile/base	8CALL90D	All	851.0125 N	156.7	851.0125 N	156.7	A	National Interop call Direct	
mobile/Rptr	8TAC91	All	851.5125 N	156.7	806.5125 N	156.7	A	National Interop Repeated	
mobile	8TAC91D	All	851.5125 N	156.7	851.5125 N	156.7	A	National Interop Direct	
mobile/Rptr	8TAC92	All	852.0125 N	156.7	807.0125 N	156.7	A	National Interop Repeated	
mobile	8TAC92D	All	852.0125 N	156.7	852.0125 N	156.7	A	National Interop Direct	
mobile/Rptr	8TAC93	All	852.5125 N	156.7	807.5125 N	156.7	A	National Interop Repeated	
mobile	8TAC93D	All	852.5125 N	156.7	852.5125 N	156.7	A	National Interop Direct	
mobile/Rptr	8TAC94	All	853.0125 N	156.7	808.0125 N	156.7	A	National Interop Repeated	
mobile	8TAC94D	All	853.0125 N	156.7	853.0125 N	156.7	A	National Interop Direct	

Appendix J

Roseau County Local Talkgroups								
Talk Group/ MultiGroup	On Console ?	Resource Owner	Resource Administrator	Permissions	Description	Priority	Logging	Encryption
RS CALL	Y	Roseau County	Roseau County		Public Safety users for Roseau Co		Y	N
RS ROAM	Y	Roseau County	Roseau County		Roseau Co public safety state wide roam		Y	N
RS 911	Y	Roseau County	Roseau County		Non-public safety users for Roseau co		Y	N
RS PSAP	Y	Roseau County	Roseau County		PSAP to individual PSAP Point to point		Y	N
RS VLAW	Y	Roseau County	Roseau County		cross VHF-TG RS Sheriff main		Y	N
RS VEMS	Y	Roseau County	Roseau County		cross VHF-TG RS EMS main		Y	N
RS VFIRE	Y	Roseau County	Roseau County		cross VHF-TG RS Fire main		Y	N
RS VRRPTR	Y	Roseau County	Roseau County		Cross VHF-TG RS Roseau Repeater		Y	N
LW VWRPTR	Y	Roseau County	Roseau County		cross VHF-TG Williams Repeater		Y	N
KT VKRPTR	Y	Roseau County	Roseau County		cross VHF-TG Karlstad Repeater		Y	N
LW VPRPTR	Y	Roseau County	Roseau County		cross VHF-TG Piper Repeater		Y	N
MH VMRPTR	Y	Roseau County	Roseau County		cross VHF-TG Middle River Repeater		Y	N
RS EOC1	Y	Roseau County	Roseau County		Rosau Co EOC TG		Y	N
RS LAW1	Y	Roseau County	Roseau County		Roseau Co Law Enforcement Secondary TG		Y	N
RS LAWE1	Y	Roseau County	Roseau County		Roseau Co Law Encrypted TG		Y	Y
RS FIRE1	Y	Roseau County	Roseau County		Roseau Co Fire Secondary TG		Y	N
RS EMS1	Y	Roseau County	Roseau County		Roseau Co EMS Secondary TG		Y	N
RS OPS1	N	Roseau County	Roseau County		Roseau Country interop operations TG		N	N
RS OPS2	N	Roseau County	Roseau County		Roseau Country interop operations TG		N	N
RS OPS3	N	Roseau County	Roseau County		Roseau Country interop operations TG		N	N
RS OPS4	N	Roseau County	Roseau County		Roseau Country interop operations TG		N	N
RS RCS ADM	N	Roseau County	Roseau County		Roseau County Sheriff Administration TG		N	N
RS RCS OPS1	N	Roseau County	Roseau County		Roseau County Sheriff Operations TG 1		N	N
RS RCS OPSE1	N	Roseau County	Roseau County		Roseau County Sheriff Operations TG 1 Encrypted		N	Y
RS EOC ADM	N	Roseau County	Roseau County		Roseau County EOC Administration		N	N
RS EOC OPS1	N	Roseau County	Roseau County		Roseau County EOC operations TG 1		N	N
RS GPD ADM	N	Roseau County	Roseau County		Greenbush Police Department Administration		N	N
RS GPD OPS1	N	Roseau County	Roseau County		Greenbush Police Department Operations TG 1		N	N
RS GPD OPSE1	N	Roseau County	Roseau County		Greenbush Police Department Operations Encrypted		N	Y
RS RPD ADM	N	Roseau County	Roseau County		Roseau Police Department Administration		N	N
RS RPD OPS1	N	Roseau County	Roseau County		Roseau Police Department Operations TG 1		N	N
RS RPD OPSE1	N	Roseau County	Roseau County		Roseau Police Department Operations Encrypted		N	Y
RS WPD ADM	N	Roseau County	Roseau County		Warroad Police Department Administartion		N	N
RS WPD OPS1	N	Roseau County	Roseau County		Warroad Police Department Operations TG 1		N	N
RS WPD OPSE1	N	Roseau County	Roseau County		Warroad Police Department Operations TG Encrypted		N	Y

ITEM # Consent 8
REQUEST FOR BOARD ACTION
 * Required Fields



*Person Responsible for Request Klein, Trish	*Department Coordinator	*Board Meeting Date May 10 2011
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***Subject Title (As it will appear on the agenda):**
 Accept County Coordinator Resignation

***Background (Provide sufficient detail of the subject):**
 The county coordinator has resigned her position effective June 3, 2011.

***Financial Consideration:**

***Legal Consideration:**

***Other Consideration:**

***Resolution (Wording should reflect the intent of the Board vote):**

Coordinator's Office Use (Do Not Write Below)

Date Received:	Comments:

Board Action:

Comm.	Motion (First)	Motion (Second)	Vote			Vote Result
			Yes	No	Abstain	
Swanson						Passed
Phillipe						
Foldesi						Failed
Falk						
Walker						Tabled

ATTEST: Teresa Klein, Board Clerk



County Coordinator

606 5th Ave. SW
Phone Roseau, MN 56751
Phone: 218-463-4248
Fax: 218-463-3252

May 6, 2011

Dear County Board Members:

I am writing to submit my resignation as Roseau County Coordinator effective June 3, 2011.

I want to express my sincere gratitude for the chance to serve as Roseau County's first Coordinator. It has been a rewarding and challenging opportunity. I will be continuing my career in public service in another county.

Thank you for all your support and encouragement during these past seven years.

Sincerely,

A handwritten signature in black ink that reads "Trish Klein". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Trish Klein
County Coordinator

ITEM # COMM REP
 REQUEST FOR BOARD ACTION
 * Required Fields



*Person Responsible for Request Klein, Trish	*Department Coordinator	*Board Meeting Date May 10 2011
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***Subject Title (As it will appear on the agenda):**
 Committee Reports

***Background (Provide sufficient detail of the subject):**
 Attached are Committee Reports from Commissioner Swanson and Commissioner Phillippe.

***Financial Consideration:**

***Legal Consideration:**

***Other Consideration:**

***Resolution (Wording should reflect the intent of the Board vote):**

Coordinator's Office Use (Do Not Write Below)

Date Received:	Comments:
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Board Action:

Comm.	Motion (First)	Motion (Second)	Vote			Vote Result
			Yes	No	Abstain	
Swanson						Passed
Phillipe						
Foldesi						Failed
Falk						
Walker						Tabled

ATTEST: Teresa Klein, Board Clerk

JACK SWANSON COMMITTEE REPORTS

APRIL 26, 2011 - COUNTY BOARD MEETING

APRIL 26, 2011 - SHERIFF'S COMMITTEE

APRIL 27, 2011 - INTEROPERABILITY COMMITTEE; met w/ Sheriff Steve Gust, Chief Deputy Curt Hauger, Police Chiefs Ward Anderson, Wade Steinbring and Mike Siems;

Emergency Manager Gracia Nelson, and Bill Bernhjelm on 800 mhz/ARMER radio. the NW Regional Radio Board and the State of Minnesota disagree over the cost of conversion to the ARMER system. Roseau County has had a limited participation agreement approved by MnDOT.

APRIL 28, 2011 - STATEWIDE RADIO BOARD (ARDEN HILLS); approved grant funding of approximately \$680,000 for the NW Region (to be used for training and equipment)

MAY 2, 2011 - ROSEAU CONVENTION & VISITORS BUREAU

MAY 2, 2011 - ROSEAU CITY COUNCIL

MAY 3, 2011 - ROSEAU COUNTY DEPARTMENT HEADS MEETING; presentation on NEOGOV performance management/applicant screening software

MAY 4, 2011 - HIGHWAY DEPARTMENT; met w/ Mike Carroll (DNR), and Brian Ketring and Daryle Dahl on Ditch 69 cleaning dispute with U.S. Army Corps of Engineers; Carroll agreed to pursue the matter

MAY 4, 2011 - ROSEAU RIVER WATERSHED BOARD; heard Mike Carroll (DNR) on potential impoundment sites; talked about possible cost-share on a scanner to digitize Hwy Dept and Watershed records; Watershed asked that Roseau County request lump sum tax payment on Hay Creek/Norland property

MAY 4, 2011 - COMMUNITY JUSTICE COORDINATING COMMITTEE; presentation from Bill Fry (NW Juvenile Training Center, Bemidji)

MAY 5, 2011 - ROSEAU SCHOOL COMMUNITY EDUCATION COMMITTEE

**Glenda A. Phillipe
Roseau County Board
May 2011 Committee Report**

April 26 – Sheriff’s Department – Roseau

COW

April 27 – Warroad Watershed – Warroad

Extensive discussion regarding a culvert in Cedarbend Township – may be able to resolve; Jeff Langan presented a grant opportunity for a watershed study focusing on sedimentation in the Warroad River; CN RR crossing final permit will be issued; CN will finish landscaping; Northwest MN Foundation grant for the Warroad River Survey Project is in its preliminary stages.

May 3 – Roseau County Department Heads – Roseau

NEOGOV Workforce Management Presentation.

May 3 - Roseau County Government Committee – Roseau

Working with Don Dunn on Warroad July 4 parade.

May 4 – Agency on Aging – Thief River Falls

Presentation by Carol Bye regarding Medicare and Affordable Healthcare Act. Current bill in Senate to cut all funding for family caregiver support program; another bill would cut funding that would result in loss of staff for Senior LinkAge Line; congregate and home-delivered meals 2% to 4% cutbacks (\$40,000-\$70,000). Reduced funding has taken place at various LSS Senior Nutrition sites.

May 6 – Roseau County Engineer – Warroad

Road trip in Lake Township and the city of Warroad with Brian Ketring.

May 9 – Warroad City Council – Warroad

May 9 – Warroad School Board – Warroad

May 10 – Roseau County Board – Roseau

May 11 – Lake Township Board Meeting – Warroad

May 16 – RCCoA – Roseau

May 17 – Roseau County Highway Department - Roseau

May 17 – Roseau County Social Services – Roseau

May 17 – Drug Court? - Roseau

May 18 - Lake Township – Warroad

May 19 – Lake Township - Warroad

May 23 – Roseau Public Health - Roseau

May 24 – Roseau County Board – Roseau

May 25 – Warroad Watershed – Warroad

ITEM # UNFIN BUS
REQUEST FOR BOARD ACTION
 * Required Fields



*Person Responsible for Request Foldesi, Mark	*Department Commissioner	*Board Meeting Date May 10 2011
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***Subject Title (As it will appear on the agenda):**
 County Engineer Reappointment

***Background (Provide sufficient detail of the subject):**
 County Engineer's are appointed for four year terms that expire in May. Brian Ketrings appointment as the County Engineer expires May 2011.

***Financial Consideration:**

***Legal Consideration:**

***Other Consideration:**

***Resolution (Wording should reflect the intent of the Board vote):**

Coordinator's Office Use (Do Not Write Below)

Date Received:	Comments:

Board Action:

Comm.	Motion (First)	Motion (Second)	Vote			Vote Result
			Yes	No	Abstain	
Swanson						Passed
Phillipe						
Foldesi						Failed
Falk						
Walker						Tabled

ATTEST: Teresa Klein, Board Clerk