

APPENDIX B

AGENCY CORRESPONDENCE

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GREAT RIVER
ENERGY®

12300 Elm Creek Boulevard • Maple Grove, Minnesota 55369-4718 • 763-445-5000 • Fax 763-445-5050 • www.GreatRiverEnergy.com

February 25, 2011

Gene Scott
Office of Aeronautics - Minnesota Department of Transportation
222 E Plato Boulevard
St. Paul, MN 55107-1618

RE: Proposed Crooked Lake Substation to Enterprise Park Substation 115-kV Transmission Line Project
Anoka County, Minnesota
T 32N R 25W Sections 25, 35 & 36
T 32N R 24W Sections 29 – 31
T 31N R 24W Sections 5, 6 & 8

WO# 40011

Dear Mr. Scott:

Great River Energy requests information on the possible effects of a proposed project in Anoka County, Minnesota, on airports or airstrips in the project area. We respectfully request you provide written comments by Friday, March 25, 2011. Our research shows that the airports closest to the project are Anoka (7.6 miles), Crystal (9.0 miles), and Pilots Cove (18.4 miles).

Great River Energy proposes to construct a new 115-kV transmission line between the existing Crooked Lake Substation in Coon Rapids, Minnesota, and the existing Enterprise Park Substation in Anoka, Minnesota. The project is needed to ensure the continued reliability of electric service and support economic development in the northwest metro region. The project will be constructed primarily with single wood pole structures approximately 65 to 80 feet tall. A project fact sheet is enclosed with more details and a map of the proposed transmission line routes. The proposed route is shown in blue and an alternate route is shown in purple.

If you have any questions, please contact me by telephone at 763-445-5210 or by email at MStrohfus@GREnergy.com. If you wish, you can also email me your written comments. Thank you for your cooperation and assistance.

Sincerely,

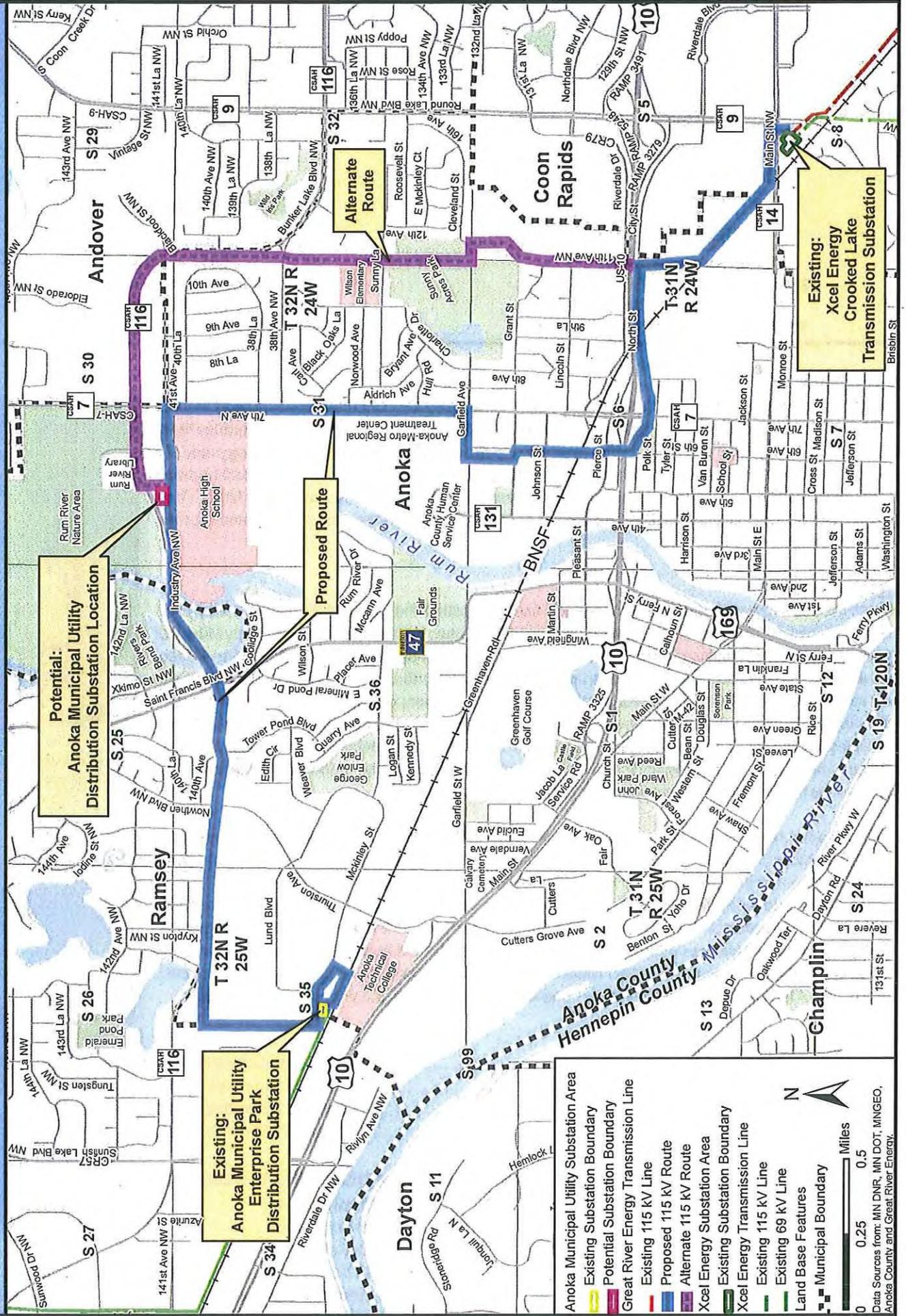
GREAT RIVER ENERGY

Mark Strohfus
Environmental Project Lead

Enclosure

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Proposed Project



Legend

- Anoka Municipal Utility Substation Area
- Existing Substation Boundary
- Potential Substation Boundary
- Great River Energy Transmission Line
- Existing 115 kV Line
- Proposed 115 kV Route
- Alternate 115 kV Route
- Xcel Energy Substation Area
- Existing Substation Boundary
- Xcel Energy Transmission Line
- Existing 115 kV Line
- Existing 69 kV Line
- Land Base Features
- Municipal Boundary

0 0.25 0.5 Miles

Data Sources from: MN DNR, MN DOT, MNGEO, Anoka County and Great River Energy.

Enterprise Park 115 kV Substation and Transmission Line



GREAT RIVER ENERGY

A Exelon Energy Cooperative

Great River Energy
12300 Elm Creek Blvd
Maple Grove, MN 55369-4718
1-888-521-0130
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ANOKA MUNICIPAL UTILITY

Anoka Municipal Utility
2015 1st Ave
Anoka, MN 55303
763-576-2750
www.anokaelectric.govoffice3.com/

Project Need

Great River Energy proposes to build a new single circuit 115 kV (115,000 volt) overhead electric transmission line to connect the existing Crooked Lake Substation to the existing Enterprise Park Substation. Great River Energy is the wholesale power supplier to Connexus Energy and 27 other distribution cooperatives in Minnesota and Wisconsin and is the owner of a critical portion of the high voltage transmission system that delivers electricity to Anoka Municipal Utility. This project will ensure continued reliable electric service and support economic development in the northwest metro region.

Planned Project

Great River Energy will build the transmission line connecting the two substations (see map) and Anoka Municipal Utility and Xcel Energy will modify the two substations as necessary. Most of the transmission line poles will be single wood structures (top photo) approximately 65 to 80 feet tall with 250- to 400-foot spans between poles. Angles along the line and certain soil conditions will require the use of laminated wood poles or steel monopoles; guy wires with anchors or multi-pole structures may be needed in some areas. The 115 kV transmission line will carry three energized wires and one non-energized shield wire for lightning protection. In some areas, lower voltage distribution lines owned by Anoka Municipal Utility may be underbuilt (attached with cross-arms) on the new transmission line structures (bottom photo).

A public open house about this project was hosted by Great River Energy, Connexus Energy and Anoka Municipal Utility in October 2010 to provide information and gather public input. Great River Energy anticipates applying to the Minnesota Public Utility Commission (MPUC) for a Route Permit in spring 2011. The public will have opportunities to participate and provide feedback on the project during the MPUC permitting process. If a Route Permit is approved by the MPUC, representatives of Great River Energy will contact landowners and business owners along the approved transmission line route to discuss the details of the project and easements. The width of the easements will vary from one location to another, but will not exceed 70 feet.

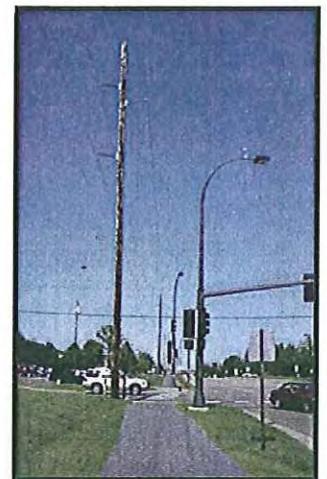
Project Schedule

Open house and public notifications.....Completed October 2010
MPUC route permitting process.....Spring 2011 to winter 2011
Easement acquisition.....Winter 2011 to spring 2012
Construction.....Summer 2012 to winter 2012

For project updates and information, visit greatriverenergy.com/enterprisePark or contact:

Mark Strohfus
Environmental Project Lead
Great River Energy
763-445-5210 or 1-888-521-0130
MStrohfus@GREnergy.com

Carolyn Braun
Planning Director
City of Anoka
763-576-2722
cbraun@ci.anoka.mn.us



Typical 115 kV Wood Single Circuit Transmission Line Structure



Typical 115 kV Wood Single Circuit Transmission Line Structure with Distribution Underbuild



Minnesota Department of Transportation

Office of Aeronautics

Mail Stop 410
222 East Plato Boulevard
Saint Paul, MN 55107-1618

RECEIVED MAR 02 2011

Phone: 651-234-7200
Fax: 651-234-7261

March 1, 2011

651 234-7247

Mr. Mark Strohfus
Environmental Project Lead
Great River Energy
12300 Elm Creek Boulevard
Maple Grove, Minnesota 55369-4718

**Subject: Proposed Crooked Lake Substation to Enterprise Park Substation
115-kV Transmission Line Project
Anoka County, Minnesota**

Dear Mr. Strohfus:

We have reviewed your proposal for the new Great River Energy 115-kV transmission line construction between the existing Crooked Lake Substation in Coon Rapids, Minnesota and the existing Enterprise Park Substation in Anoka, Minnesota.

We do not anticipate any effect on the operation of publicly-owned airports; therefore the Mn/DOT Office of Aeronautics has no objection to the proposed project.

If you have any questions regarding this matter, please call me.

Sincerely,

Gene R. Scott, P.E.
Regional Airport Engineer
gene.scott@state.mn.us

An Equal Opportunity Employer





Minnesota Department of Transportation

Office of Technical Support
395 John Ireland Boulevard
Saint Paul, MN 55155

Phone: 651-366-4635
Fax: 651-366-4769
stacy.kotch@state.mn.us

Mailstop 678

January 19, 2011

Rick Heuring
Senior Field Representative Land Rights
Great River Energy
12300 Elm Creek Boulevard
Maple Grove, MN 55369-4718

RE: In the Matter of the Proposed Energy Park Transmission Project

Dear Mr. Heuring,

The Minnesota Department of Transportation (Mn/DOT) staff has reviewed the available information regarding Great River Energy's (GRE) proposed Enterprise Park Transmission Project located in the cities of Anoka, Andover, Coon Rapids and Ramsey. There is potential for impact to Mn/DOT interests on US Highway 10 (US HWY 10) within the proposed project area, particularly because the proposed transmission line location may potentially impinge on future right of way needs as well as encroach on existing rights of way.

GRE's proposed Route Option Segments 17, 20 and 22 appear to run parallel to an area of US HWY 10 that is a Mn/DOT Trunk Highway Freeway Design section. Longitudinal installation is not allowed within such areas as described in Sections V and VI of the Mn/DOT Utility Accommodation Policy - <http://www.dot.state.mn.us/utility/files/pdf/appendix-b.pdf>. Segment 16 and a portion of Segment 20 of the proposed Route Options look to potentially cross US HWY 10. Highway crossings by utilities are generally allowed by Mn/DOT with a preference for perpendicular placement. More information on Freeway Crossings can be found in Mn/DOT's Utility Accommodation Policy as well.

Additionally, there are possible future interchange improvements at US HWY 10 and Thurston Ave, access improvements as identified in the Interregional Corridor Corridor Management Plan (IRC CMP) on the west side of the study area and a possible future 6 lane freeway facility (corridor vision identified in the IRC CMP). These future plans may be affected by the transmission line and substation location proposals.

Mn/DOT has a continuing interest in working with the GRE to ensure that possible impacts to highways and other significant areas of highway right of way are adequately addressed. We appreciate the opportunity to provide these comments.

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MN/DOT TRUNK HIGHWAY FREEWAY DESIGN ROAD SECTIONS

Route Number	Beg Ref Point	Begin Description	End Ref Point	End Description	Length
35	000+00.000	IOWA / MINN STATE LINE	088+00.267	SOUTH JCT I-35W / I-35E	88.268
35	127+00.420	NORTH JCT I-35E / I-35W	259+00.552	28TH AVE IN DULUTH	132.142
35E	088+00.267	SOUTH JCT I-35 / I-35W	127+00.420	NORTH JCT I-35 / I-35W	39.34
35W	000+00.000	SOUTH JCT I-35 / I-35E	041+00.743	WISC / MINN STATE LINE	41.778
90	000+00.000	S DAK / MINN STATE LINE	276+00.891	WEST JCT I-35E IN ST. PAUL	276.701
94	000+00.000	MINN / N DAKOT STATE LINE	241+00.935	MINN/WIS STATE LINE	242.554
94	242+00.052	EAST JCT I-35E IN ST. PAUL	258+00.727	WASHINGTON AVE IN MINNEAPOLIS	16.67
394	000+00.000	EAST JCT I-35E IN ST. PAUL	009+00.735	WASHINGTON AVE IN MINNEAPOLIS	9.735
494	000+00.000	EAST END MINN RIVER BR	027+00.973	WEST JCT I-94 IN MINNEAPOLIS	27.993
494	058+00.187	EAST JCT I-94 / I-694 IN WOODBURY	072+00.886	WEST JCT I-94 IN MAPLE GROVE	14.883
535	000+00.000	MIDDLE OF ST. LOUIS RVR BR 9030, DULUTH	001+00.571	EAST END MIN RIV BR	1.571
694	034+00.197	WEST JCT I-94 IN BROOKLYN CENTER	046+00.449	I-35 / DULUTH	1.571
694	047+00.104	E JCT I-35E IN VADNAIS HEIGHTS	058+00.187	WEST JCT I-35E IN LITTLE CANADA	12.226
2	110+00.800	0.2 MILE EAST CSAH 11, BEMIDJI	119+00.500	EAST JCT I-94 / I-494 IN WOODBURY	11.066
2	293+00.085	EAST JCT I-35 IN DULUTH	264+00.089	1 MILE E CSAH 50, SOUTH URBAN BOUNDARY BEMIDJI	8.776
2	048+00.361	0.1 MILE EAST FULLER RD, EDEN PRAIRIE	050+00.779	MIDDLE BRIDGE 69100, MN WIS STATE LINE	1.004
5	061+00.184	E JCT I-494, BLOOMINGTON	064+00.726	WEST JCT I-494, EDEN PRAIRIE	2.436
10	062+00.643	WEST JCT CSAH 80, PERHAM BYPASS	069+00.232	0.1 MILE WEST WHEELER AV, ST. PAUL	3.578
10	141+00.928	JCT CSAH 13, N SIDE OF LITTLE FALLS	148+00.750	EAST JCT CSAH 80, PERHAM BYPASS	5.802
10	172+00.421	0.5 MILE N JCT TH 15, SAUK RAPIDS	177+00.355	S JCT CSAH 76, S LIMITS OF LITTLE FALLS	7.476
10	224+00.000	1 MILE WEST OF JCT TH 47, AT FAIROAK AVE IN ANOKA	237+00.035	0.7 MILE NORTH TH 23, ST. CLOUD	4.381
12	152+00.890	CSAH 42, WAYZATA	156+00.956	JCT I-35W, SHOREVIEW	13.032
14	127+00.604	LOOKOUT DR IN MANKATO	134+00.753	I-494, MINNETONKA	4.268
14	173+00.671	CSAH 2, WASECA	175+00.528	JCT TH 22, MANKATO	7.149
14	189+00.796	SOUTH JCT I-35, OWATONNA	195+00.844	JCT I-35, OWATONNA	1.857
14	210+00.951	NORTH JCT TH 58, DODGE CENTER	212+00.698	JCT CSAH 6, OWATONNA	6.048
15/60	30+00.868	JCT CSAH 9, MADEIRA BYPASS	38+00.159	SOUTH JCT TH 52, ROCHESTER	1.711
23/71	120+00.600	0.8 MILE WEST OF THE S JCT TH 71, WILLMAR	126+00.594	N JCT TH 60, MADEIRA BYPASS	1.291
23	000+00.000	150 FEET WEST OF KANDIYOHI CSAH 6, PAYNESVILLE	007+00.002	JCT CO RD 90, N LIMITS OF WILLMAR	5.76
36	046+00.285	I-35W, ROSEVILLE	054+00.297	100 FEET WEST OF 263RD AVE	7.008
52	059+00.077	0.2 MILE SOUTH OF I-90, MARION TWP	066+00.835	S JCT TH 14, ROCHESTER	8.012
52	120+00.600	N JCT TH 14, ROCHESTER	131+00.014	NORTH JCT CSAH 12, ORONOCO	10.758
52	197+00.199	CSAH 56/CONCORD BLVD, INVER GROVE HEIGHTS	199+00.600	I-94, ST PAUL	10.388
60	85+00.277	ROCHESTER TO ST. PAUL	70+00.001	GAPS	2.41
60/75	122+00.500	JCT TH 4, ST JAMES BYPASS	84+00.405	EAST END MENDOTA BR IN MENDOTA HEIGHTS	4.733
62	103+00.957	JCT CSAH 9, MADEIRA BYPASS	130+00.493	JCT CSAH 12, ST JAMES BYPASS	1.291
62	112+00.032	0.5 MILE SOUTH CO RD 19 (INNOVATION RD), COTTAGE GROVE	111+00.475	N JCT TH 15, MADEIRA BYPASS	7.993
65	039+00.075	0.25 MILE EAST OF I-494, AT BEACH RD IN EDEN PRAIRIE	115+00.942	JCT I-494, NEWPORT	7.518
77	001+00.059	EAST JCT I-35W, RICHFIELD	044+00.850	W JCT I-35, RICHFIELD	3.91
100	000+00.000	CO RD 67, CAMBRIDGE BYPASS	011+00.393	TH 55, MINNEAPOLIS	5.985
169	52+00.202	0.5 MILE SOUTH CSAH 39, APPLE VALLEY	016+00.158	N JCT CSAH 30, CAMBRIDGE BYPASS	10.334
169	108+00.108	JCT I-494, BLOOMINGTON	121+00.495	TH 62, MINNEAPOLIS	10.802
169	122+00.235	JCT I-494, BLOOMINGTON	139+00.365	JCT I-684, BROOKLYN CENTER	1.976
169	176+00.609	CSAH 81, BROOKLYN PARK	180+00.282	BELGRADE AVE IN MANKATO	13.387
169	189+00.767	S JCT CSAH 29, PRINCETON BYPASS	192+00.902	JCT I-494, BLOOMINGTON	17.119
212	159+00.869	S JCT CSAH 36, MILACA BYPASS	162+00.482	CSAH 81, BROOKLYN PARK	3.612
252	000+00.000	CSAH 39 (VALLEY VIEW RD), EDEN PRAIRIE	000+00.515	93RD AVE N, BROOKLYN PARK	3.222
280	000+00.000	I-94, ST. PAUL	002+00.529	N JCT CSAH 29, PRINCETON BYPASS	2.613
371	000+00.000	JCT TH 10, LITTLE FALLS	008+00.668	N JCT CSAH 36, MILACA BYPASS	0.515
610	005+00.117	TH 169, BROOKLYN PARK	012+00.314	TH 62, EDEN PRAIRIE	2.529
610	005+00.117	CSAH 81 & ELM CREEK BLVD, MAPLE GROVE	012+00.314	0.3 NORTH OF I-694 BRIDGE, BROOKLYN CENTER	7.64
610	005+00.117	UNDER CONSTRUCTION AND FUTURE CONSTRUCTION	012+00.314	0.2 MILE NORTH LARPELLEUR AV, ROSEVILLE	7.197



Mn/DOT POLICY GUIDELINE

Date: July 27, 1990
Revised: November 8, 2005
Reference: Highways No. 6.4.G-1
Permits for Accommodation
of Utilities on Highway
Right of Way

Guideline:

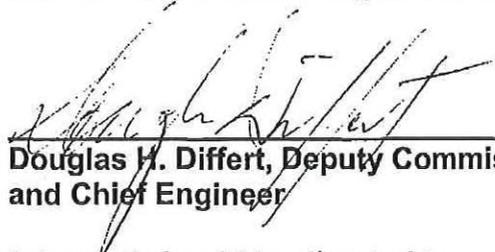
Under Minnesota law and rules it is necessary to obtain a utility permit in order to place utilities on Minnesota trunk highway right of way. Examples of utilities contemplated in Minnesota law are: electric transmission, telephone or telegraph lines, pole lines, community antenna television lines, railways, ditches, sewers, water, heat of gas mains, gas and other pipe lines, flumes, or other structures which, under the laws of Minnesota or ordinance on any city, may be constructed, placed, or maintained across or along trunk highway, or its right of way. Permits issued by the Minnesota Department of Transportation contain a copy of the current rules under which it is The Procedures that follow supplement these rules and provide internal guidance for Minnesota Department of Transportation employees when reviewing permit applications.

Position Statement Reference:

Highways No. 6.4

Background

Through the *Code of Federal Regulations* (23 CFR, Part 645.215(A)), the U.S. Department of Transportation requires each State to submit an statement to its Division Administrator on the authority of the State to regulate such use, and the policies the State employs or proposes to employ for accommodating utilities within the right of way of any highway project receiving Federal aid. Position Statement No. 6.3, the Guidelines and Procedures adopted thereunder form the basis of this submittal.



Douglas H. Differt, Deputy Commissioner
and Chief Engineer

Any questions regarding this position statement should be directed to:
Utilities Engineer, Minnesota Department of Transportation, Office of Technical Support, Pre-Letting Section, Utility Agreements and Permits Unit, (651) 296-7018.

B. Crossings

1. Utility crossings of highways shall be normal to the highway alignment, where practicable.
2. Non-Controlled Access Highways. For utility crossings on highways where access is not controlled, all supporting structures and above ground appurtenances shall be located outside the clear zone.
3. Controlled Access Highways. For utility crossings on highways with partial and full control of access, all supporting structures and above ground appurtenances shall be located outside the access control line, and preferably outside the right of way line. Installation and maintenance shall be from frontage roads, crossroads, or streets, whenever practicable, or otherwise from outside the access control line and preferably outside the right of way line. Occasional exceptions may be allowed for an unusually wide right of way or median. Utilities permitted to cross freeways should preferably be located under the freeway. More information about freeway crossings may be found in Section VI.B., Crossings.
4. Utility crossings shall be avoided in deep cuts, near footings of bridges, retaining walls, noise walls, and at highway cross drains where flow of water, drift, or streambed load may be obstructed; in wet or rocky terrain where it is difficult to attain minimum cover; and through paved or unpaved slopes under structures.

C. Longitudinal Installations

1. Uncontrolled Access. New longitudinal installations on highways with uncontrolled access shall be located on uniform alignment as near as practicable to the right of way line and outside the clear zone. Pole lines shall normally be placed in the outer five feet next to the right of way line. Underground facilities, such as power cable and telephone cable, should be placed in the outer 10 feet. Distribution gas mains should be parallel and adjacent to these facilities. Other locations may be approved where particular circumstances warrant. The joint use of pole lines is acceptable, as is common trenching or plowing of underground facilities. All installations should be so placed that all servicing may be done with a minimum disturbance to traffic.
2. Partial Control of Access. Longitudinal installations on highways with partial control of access shall generally be discouraged. When such installations are allowed, individual service connections shall not be permitted unless no other reasonable alternatives exist. Factors to be considered include distance between distribution points, terrain, cost, and prior existence.

3. Full Control of Access. Longitudinal installations on highways with full control of access shall not be permitted. Exceptions may be allowed as discussed in Section VI.C., Longitudinal Installations. When such installations are allowed, individual service connections shall not be permitted, the utility facility shall not be installed or serviced by direct access from the fully controlled access roadways or connecting ramps, and the utility facility shall not interfere or impair the safety, design, construction, operation, maintenance, stability, or future expansion of the highway.

D. Median Installations

1. Poles, guys, or other related facilities shall not be located in a highway median. This applies to both crossing installations and longitudinal installations. Exceptions may be made for crossings of wide medians with sufficient width to provide sufficient clear zone from the edges of both traveled ways. If additional lanes are planned, the clear zone shall be determined from the ultimate edges of the traveled way. When right of way lines and access control lines are not the same, such as when frontage roads are provided, supporting poles may be located in the area between them.
2. No utility work shall be performed in the median of any highway without prior Mn/DOT approval. When median work is authorized, unless otherwise stated in the utility's approved permit, the work shall conform to the following provisions:
 - a. The utility or its contractor shall notify Mn/DOT and/or local law enforcement agencies of the expected beginning and completion time of work in the median.
 - b. All equipment, operations, and spoil material shall be located within the center area of the median.
 - c. No openings, vehicles, equipment, or materials of any type shall be located within the median overnight.
 - d. All vehicles used to conduct the work operation shall be equipped with conspicuously visible roof-mounted revolving or strobe lights. These lights shall be in operation just prior to and during the work operation. Hazard warning lights on the vehicles shall also be operating.

E. Appurtenances

1. Appurtenant facilities (e.g., pedestals, manholes, vents, drains, rigid markers, meter pits, sprinkler pits, valve pits, regulator pits.) shall be located outside the clear zone and as close to the right of way line as possible. Manholes, valve pits, etc. shall be installed so that their uppermost surfaces are flush with the adjacent undisturbed surface. Those appurtenances that protrude more than 4 inches above the ground line shall not be in the clear zone. If no feasible alternative exists, appurtenances within the clear zone shall be placed

C. Longitudinal Installations

1. The installation of new utility facilities shall not be allowed longitudinally within the right of way of any freeway, except in special cases under strictly controlled conditions. When a utility already exists within the right of way of a proposed freeway and it can be serviced, maintained, and operated without access from the freeway traffic lanes or ramps, it may be allowed to remain as long as it does not adversely affect the safety, design, construction, operation, maintenance, or stability of the freeway. Otherwise it shall be relocated.
2. Due to State legislation and legal arrangements that impact the State's development of fiber optics, a separate policy is being developed to address the installation of fiber optics along freeway right of way. The installation of fiber optics on all other highways is subject to the provisions contained in this document.
3. When utility owners believe special circumstances exist, they must present their case for longitudinal installations on freeways as early in the pre-design process as possible. Where such installations are requested, the utility owner shall in each case demonstrate to Mn/DOT's satisfaction that:
 - a. The accommodation will not adversely affect the safety, design, construction, traffic operations, maintenance, or stability of the freeway.
 - b. Alternate locations are not available or are cost prohibitive from the standpoint of providing efficient utility services.
 - c. The accommodation will not interfere with or impair the present use or future expansion of the freeway.
 - d. The location of the utility facility outside of the right of way would result in the loss of productive agricultural land or loss of productivity of agricultural land. In this case, the utility owner must provide information on the direct and indirect environmental and economic effects for evaluation and consideration by the Commissioner of Transportation.
 - e. Access for constructing and servicing utility facility will not adversely affect safety and traffic operations or damage any highway facility.
4. In all cases of new longitudinal utility accommodations, whether for freeways or non-freeways, the utility owner shall obtain a permit and install the utility facility in accordance with the approved permit.

D. Vehicular Tunnels

1. Utilities shall not be permitted to occupy vehicular tunnels on freeways at new locations except in extreme cases. Under no circumstances, however, shall a utility facility that transports a hazardous material be allowed to occupy a vehicular tunnel.



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February 25, 2011

Ms. Mary Ann Heidemann
Manager Government Programs & Compliance Unit
Minnesota Historical Society
345 Kellogg Boulevard West
St. Paul, MN 55102-1906

RE: Proposed Crooked Lake Substation to Enterprise Park Substation 115-kV Transmission
Line Project
Anoka County, Minnesota
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WO# 40011

Dear Ms. Heidemann:

Great River Energy requests information on the possible effects of a proposed project in Anoka County, Minnesota, on cultural and historic properties in the project area. We respectfully request written comments by Friday, March 25, 2011.

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Sincerely,

GREAT RIVER ENERGY

Mark Strohfus
Environmental Project Lead

Enclosure

S:\Legal\Environmental\Transmission\Projects\4001 Enterprise Park\Agency Contacts\SHPO.docx

Enterprise Park 115 kV Substation and Transmission Line



GREAT RIVER
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A Xcel Energy Cooperative

Great River Energy
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Maple Grove, MN 55369-4718
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ANOKA MUNICIPAL UTILITY

Anoka Municipal Utility
2015 1st Ave
Anoka, MN 55303
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Project Need

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Planned Project

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A public open house about this project was hosted by Great River Energy, Connexus Energy and Anoka Municipal Utility in October 2010 to provide information and gather public input. Great River Energy anticipates applying to the Minnesota Public Utility Commission (MPUC) for a Route Permit in spring 2011. The public will have opportunities to participate and provide feedback on the project during the MPUC permitting process. If a Route Permit is approved by the MPUC, representatives of Great River Energy will contact landowners and business owners along the approved transmission line route to discuss the details of the project and easements. The width of the easements will vary from one location to another, but will not exceed 70 feet.

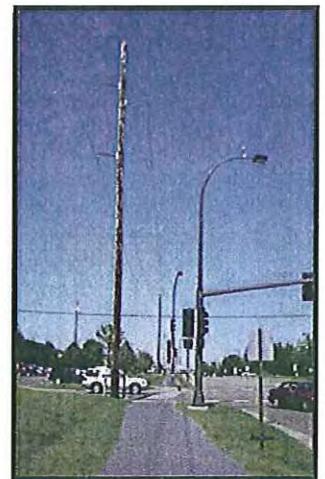
Project Schedule

Open house and public notifications.....	Completed October 2010
MPUC route permitting process.....	Spring 2011 to winter 2011
Easement acquisition.....	Winter 2011 to spring 2012
Construction.....	Summer 2012 to winter 2012

For project updates and information, visit greatriverenergy.com/enterprisePark or contact:

Mark Strohfus
Environmental Project Lead
Great River Energy
763-445-5210 or 1-888-521-0130
MStrohfus@GREnergy.com

Carolyn Braun
Planning Director
City of Anoka
763-576-2722
cbraun@ci.anoka.mn.us

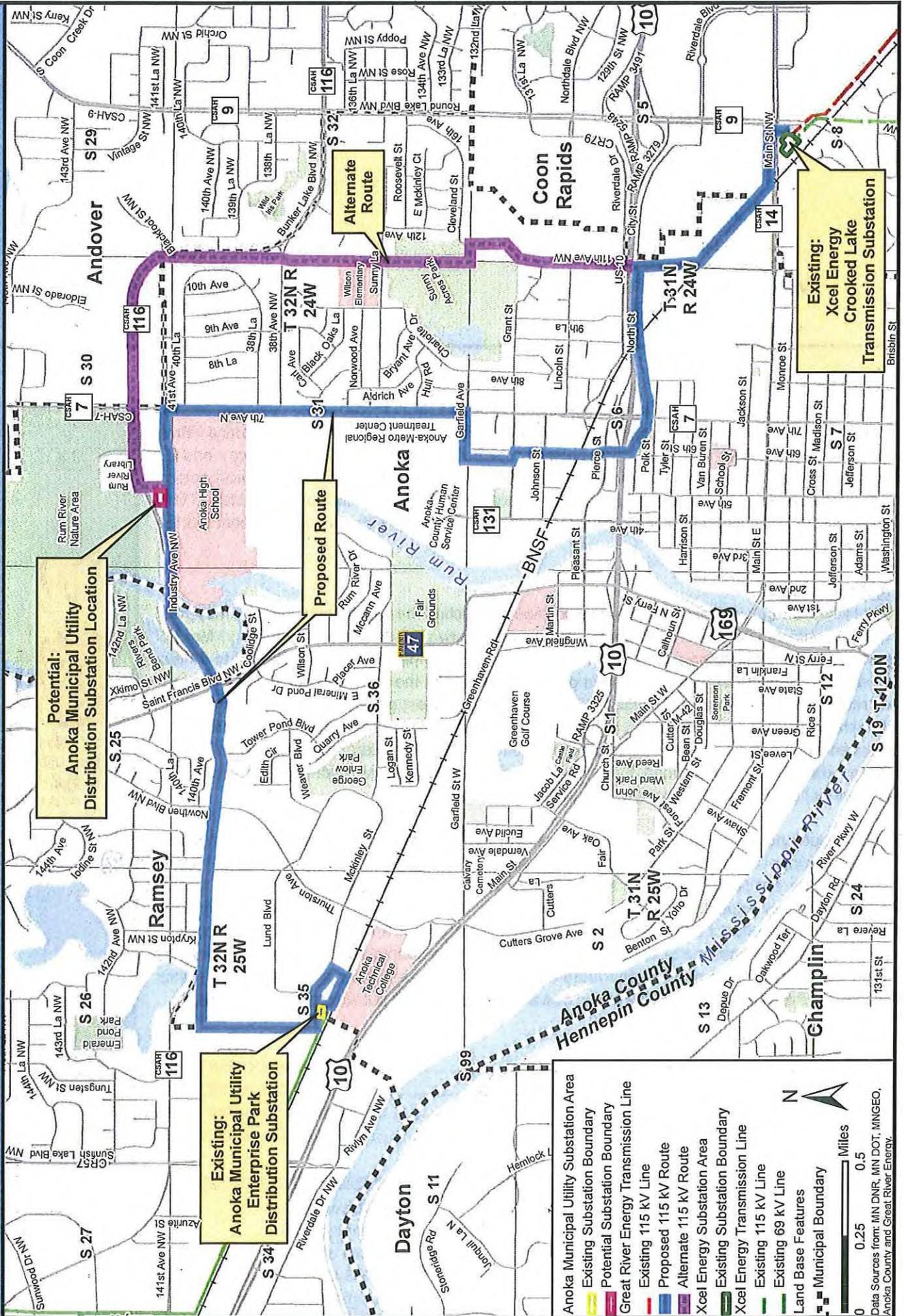


Typical 115 kV
Wood Single Circuit
Transmission Line
Structure



Typical 115 kV Wood
Single Circuit
Transmission Line
Structure with
Distribution Underbuild

Proposed Project



Legend

- Anoka Municipal Utility Substation Area
- Existing Substation Boundary
- Potential Substation Boundary
- Great River Energy Transmission Line
- Existing 115 kV Line
- Proposed 115 kV Route
- Alternate 115 kV Route
- Xcel Energy Substation Area
- Existing Substation Boundary
- Xcel Energy Transmission Line
- Existing 115 kV Line
- Existing 69 kV Line
- Land Base Features
- Municipal Boundary

Scale: 0, 0.25, 0.5 Miles

Data Sources: from: MN DNR, MN DOT, MNGEO, Anoka County and Great River Energy.

RECEIVED NOV 05 2010



STATE HISTORIC PRESERVATION OFFICE

November 3, 2010

Mark Strohfus, Environmental Project Lead
Great River Energy
12300 Elm Creek Boulevard
Maple Grove MN 55369-4718

RE: 115kV Enterprise Park Transmission Line
Coon Rapids to Anoka, Anoka County
SHPO Number: 2011-0053

Dear Mr. Strohfus:

Thank you for the opportunity to review and comment on the above project. It has been reviewed pursuant to the responsibilities given the Minnesota Historical Society by the Minnesota Historic Sites Act and the Minnesota Field Archaeology Act.

The MN Historic Sites Act states, in part: "Before carrying out any undertaking that will effect designated or listed [historic] properties...the state department or agency shall consult with the Minnesota Historical Society pursuant to the society's established procedure to determine appropriate treatments and seek ways to avoid or mitigate any adverse effect on designated or listed [historic] properties."

To carry out this provision, we would expect that the Public Utility Commission (or Great River Energy, as PUC licensee) would employ a qualified historian and/or archaeologist to identify any known historic or archaeological sites within the area to be affected by this project, and evaluate the effect the project may have on identified sites. This information should then be sent to the Minnesota Historical Society for our review and comment, prior to finalizing route selection.

Please note that this comment letter does not address the requirements of Section 106 of the National Historic Preservation Act of 1966 and 36CFR800, procedures of the Advisory Council on Historic Preservation for the protection of historic properties. If this project is considered for federal assistance, it should be submitted to our office with reference to the assisting federal agency.

Please contact me at (651) 259-3456 if you have any questions on our review of this project.

Sincerely,



Mary Ann Heidemann, Manager
Government Programs and Compliance

RECEIVED MAR 16 2011

 Minnesota
Historical Society
STATE HISTORIC PRESERVATION OFFICE

March 14, 2011

Mr. Mark Strohfus
Environmental Project Lead
Great River Energy
12300 Elm Creek Boulevard
Maple Grove, MN 55369-4718

RE: Proposed Crooked Lake Substation to Enterprise Park Substation 115 kV Transmission
Line Project
Anoka County
SHPO Number: 2011-1450

Dear Mr. Strohfus:

Thank you for the opportunity to review and comment on the above project. It has been reviewed pursuant to the responsibilities given the Minnesota Historical Society by the Minnesota Historic Sites Act and the Minnesota Field Archaeology Act.

Due to the nature of the proposed project, we recommend that an archaeological survey be completed. The survey must meet the requirements of the Secretary of the Interior's Standards for Identification and Evaluation, and should include an evaluation of National Register eligibility for any properties that are identified. We note that there is a known archaeological site in the project area, 21AN0129. The archaeological survey should also assess any effects that the project may have on this site. For your information, we have enclosed a list of consultants who have expressed an interest in undertaking such surveys.

If the project area can be documented as previously disturbed or previously surveyed, we will re-evaluate the need for survey. Previously disturbed areas are those where the naturally occurring post-glacial soils and sediments have been recently removed. Any previous survey work must meet contemporary standards.

Please note that this comment letter does not address the requirements of Section 106 of the National Historic Preservation Act of 1966 and 36CFR800, procedures of the Advisory Council on Historic Preservation for the protection of historic properties. If this project is considered for federal assistance, or requires a federal license or permit, it should be submitted to our office with reference to the appropriate federal agency.

If you have any questions on our review of this project, please contact me at (651) 259-3456.

Sincerely,



Mary Ann Heidemann
Manager, Government Programs and Compliance

Enclosure: List of Consultants



MINNESOTA HISTORICAL SOCIETY
State Historic Preservation Office
Contract Archaeologists
Last Updated: 11/20/09

This listing is comprised of individuals and firms who have expressed an interest in undertaking contract archaeology in the State of Minnesota. It is provided for informational purposes to those who may require the services of an archaeological consultant. Inclusion on the list does not constitute an endorsement of the consultant's professional qualifications or past performance. The SHPO may remove contractors from the list if no work is completed in Minnesota over a two year period. The SHPO reserves the right to reject contract reports if the principal investigator or other contract personnel do not meet certain minimal qualifications such as the Secretary of the Interior's professional qualifications standards (Federal Register 9/29/83).

It is recommended that work references be checked and multiple bids be obtained before initiating a contractual agreement. The SHPO will not recommend specific contractors, but may be able to comment on previous work reviewed pursuant to state and federal standards and guidelines. The SHPO can be contacted at the Minnesota History Center, 345 Kellogg Boulevard West, St. Paul, MN 55102, 651-259-3450.

10,000 Lakes Archaeology, Inc.

220 9th Avenue South
South St. Paul, MN 55075
612/670-6431
gronhovd@10000lakesarchaeology.com
www.10000lakesarchaeology.com

The 106 Group Limited

370 Selby Avenue
St. Paul, MN 55102
651/290-0977
Fax 290-0979
anneketz@106group.com
www.106group.com

AECOM Environment

Amy Ollendorf, Ph.D.
161 Cheshire Lane North
Suite 500
St. Louis Park, MN 55441
763/852-4200
Cell 612/599-1255
Fax 763/473-0400
amy.ollendorf@aecom.com
www.aecom.com

AMEC Earth and Environmental

109 Woodward Avenue
Jefferson City, MO 65109
573/301-6084

Anthropology Research

University of North Dakota
236 Centennial Drive Stop 7094
Dennis L. Toom
Grand Forks, ND 58202
701/777-2436

ARCH3, LLC

Daniel R. Pratt, M.A.
1386 Idaho Avenue West
St. Paul, MN 55108
651/308-8749
Fax 651/917-9291
arch3llc@gmail.com
www.arch3llc.com

Archaeological Research Services

1812 15th Avenue South
Minneapolis, MN 55404
612/870-9775

Archaeology Laboratory

Augustana College
2032 South Grange Avenue
Sioux Falls, SD 57105
605/274-5493

Bear Creek Archaeology, Inc.
P. O. Box 347
24091 Yellow Avenue
Cresco, IA 52136
563/547-4545 FAX 563/547-5403
www.bearcreekarcheology.com

Louis Berger and Associates, Inc.
Attn. Randall M. Withrow
950 50th Street
Marion, IA 52302
319/373-3043

Black River Archaeology, LLC
Ryan J. Howell
447 North Youlon Street, Suite B
West Salem, WI 54669
608/498-0336

Blondo Consulting, LLC
Steven J. Blondo
3939 Sand Hill Road
Kettle River, MN 55757
218/273-0074
763/245-1174 Cell
stevel@blondoconsulting.com
www.blondoconsulting.com

Bolton & Menk, Inc.
Dale Maul
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Burnsville, MN 55337-6857
952/890-0509
Fax 952/890-8065
dalema@bolton-menk.com
www.bolton-menk.com

Commonwealth Cultural Resources
Kathryn C. Egan-Bruhy
PO Box 1061
Minocqua, WI 54548
715/358-5686

Consulting Archaeological Services
PO Box 686
Creston, IA 50801
515/333-4607

Cultural Herage Consultants
Todd Kapler
PO Box 3836
Sioux City, IA 51102-3836
Phone 712/239-9085
Fax 712/239-9086

Duluth Archaeology Center
5910 Fremont Street, Suite 1
Duluth, MN 55807
218/624-5489
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www.dulutharchaeologycenter.com

Environmental Resources Management
Leslie B. Kirchler
1701 Golf Road, Suite 1-1000
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847/258-8921
Fax 847/258-8901
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www.erm.com

Florin Cultural Resource Services
N12902 273rd Street
Boyceville, WI 54725
715/643-2918

Foth and Van Dyke, Inc.
Curtis M. Hudak
Eagle Point II
8550 Hudson Boulevard North
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Lake Elmo, MN 55042
651/288-8593
Fax 651/288-8551
www.foth.com

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504/837-1940
neworleans@rcgoodwin.com

Great Lakes Arch. Research Center
427 East Stewart Street
Milwaukee, WI 53207
414/481-2093

Richard Grubb and Associates
22927 Wigeon Court
Plainfield, IL 60585
815/439-3501

HDR One Company
Michael Justin
701 Xenia Avenue South
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Fax 763/591-5413
michael.justin@hdrinc.com

Historic Preservation Associates

Contact: Timothy Klinger
P.O. Box 1064
Fayetteville, AR 72702
501/442-3779

Jeff Kinney and Associates

PO Box 43
Manvel, ND 58256
701/696-2289

Larson-Tibesar Assoc., Inc.

421 South Cedar Street
Laramie, WY 82070
307/742-4371 or 701/696-2236

Leech Lake Heritage Sites Program

115 6th Street NW
Suite E
Cass Lake, MN 56633
218/335-8095

McFarlane Consulting, LLC

318 Goodhue Street
St. Paul, MN 55102
651/699-1921

Metcalf Archaeological Consultants

PO Box 2154
Bismarck, ND 58501
701/258-1215

Minnesota State University Moorhead

Michael Michlovic or George Holley
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holley@mnstate.edu

Mississippi Valley Archaeology Center

1725 State Street
LaCrosse, WI 54601
608/785-8463
boszhard.robe@uwlax.edu
www.uwlax.edu/mnvac/contracts.htm

Parsons Engineering Science Inc.

400 Woods Mill Road
Chesterfield, MO 63017
314/576-7330

Pathfinder CRM

Robert Vogel
168 West Main Street
P.O. Box 503
Spring Grove, MN 55974
507/498-3810

Quality Services

3459 Jet Drive
Rapid City, SD 57703
605/388-5309 or
605/209-0265

Rolling Hills Consulting Services, LLC

Chad A. Goings
1221 East 3rd Street
Washington, IA 52353
319/461-7427
cagoings@aol.com

Root River Archaeology & Historic Preservation, LLC

Michael Bradford
2109 S. Broadway, Suite #5
Rochester, MN
507/258-0017
Fax 608/786-4787

St. Cloud State University

Mark P. Muñiz, Ph.D., RPA
Assistant Professor
Director CRM Archaeology Graduate Program
Department of Sociology and Anthropology
262 Stewart Hall
720 Fourth Avenue South
St. Cloud, MN 56301
320/308-4162
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mpmuniz@stcloudstate.edu

SOILS Consulting

PO Box 121
Longville, MN 56655
218/682-2110

Stemper and Associates

24505 Hardeggers Drive
Cleveland, MN 56017
507/931-0823
Fax 507/931-5356

Summit Envirosolutions

Andrea Vermeer
1217 Bandana Boulevard North
St. Paul, MN 55108
651/644-8080

Robert Thompson

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612/788-7412

TRC Mariah

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307/742-3843

Trefoil Cultural & Environmental Heritage

Richard Rothaus, PHD
1965 W. Highview Drive
Sauk Rapids, MN 56379
320/761-9090
rothaus@trefoilcultural.com

Two Pines Resource Group

17711 260th Street
Shafer, MN 55074
651/257-4766

**University of South Dakota Archaeology
Laboratory**

Contact: Richard Fox
414 Clark Street
Vermillion, SD 57069
605/677-5594

WAPSI Valley Archaeology

PO Box 244
Anamosa, IA 52205
319/462-4760

Westwood Professional Services, Inc.

7699 Anagram Drive
Eden Prairie, MN 55344
952/937-5150
Fax 952/937-5822
www.westwoodps.com

Wilbur Smith Associates

465 E High Street, Suite 100
Lexington, KY 40507
859/254-5759

June 8, 2011

Westwood Professional Services

7699 Anagram Drive
Eden Prairie, MN 55344

MAIN 952-937-5150
FAX 952-937-5822
TOLL FREE 1-888-937-5150
EMAIL wps@westwoodps.com
www.westwoodps.com



Mr. Mark Strohfus
Environmental Project Lead
Great River Energy
12300 Elm Creek Blvd.
Maple Grove, MN 55369-4718

**Re: Cultural Resource Literature Review for the Proposed Enterprise Park
115-kV Transmission Line Project**

Dear Mr. Strohfus:

Westwood Professional Services, Inc. (Westwood) was contracted by Great River Energy to conduct an archaeological literature review of the location of a new transmission line. The preliminary proposed transmission line route examined is approximately 6 miles in length. The preliminary proposed line is located in Township 32N, Range 25W; Township 31N, Range 25W; Township 32N, Range 24W); and Township 31N, Range 24W in Anoka County, MN. This general project area includes portions of the Cities of Ramsey, Anoka, and Coon Rapids. The review consisted of an examination of resources including historic mapping and archaeological site files.

On June 3, 2011, Westwood Cultural Resource Specialist Ryan Grohnke conducted a background literature search of the proposed new transmission line route and a one-mile buffer at the Office of the State Archaeologist (OSA) located at Fort Snelling in St. Paul, MN, and the Minnesota State Historic Preservation Office (SHPO) located at the Minnesota History Center in St. Paul, MN. Archaeological site files were examined to obtain a list of all previously recorded archaeological sites within the proposed project area. Other sources examined included the Andreas' Illustrated Atlas of Minnesota, 1874 and the historic Trygg maps.

A review of records at the Minnesota SHPO and OSA indicated that 14 previously recorded archaeological sites have been identified within the study area which includes the preliminary proposed route and a one-mile buffer. One of the previously recorded archaeological sites is located directly within the proposed route and the additional 13 sites are located within the one-mile buffer. Seven of the sites, 21ANf, 21ANg, 21ANh, 21ANj, 21ANk, 21ANl, and 21ANm are alpha sites. An alpha site is a reported, but unverified archaeological site. Alpha sites are identified through either historical documentation or an informant's report, but have not yet been verified by a professional archaeologist. The reported alpha sites include two trading posts, a possible mound, and four mills. All of the seven verified sites are artifact scatters, of which three are prehistoric and four are historic. Several of the historic sites may also include foundations or ruins. None of these sites have been listed or



Westwood

evaluated as eligible for listing on the National Register of Historic Places (NRHP), although it is possible that not all of the sites have yet been evaluated. The list of recorded archaeological sites is summarized in Table 1.

Table 1: Previously Recorded Archaeological Sites				
Site Number	Site Name	Site Type	Location	Project/Buffer
21ANf	n/a	Mound	T31N, R25W, Sec. 12	Buffer
21ANg	Belanger Fur Post	Historic Documentation	T31N, R25W, Sec. 12	Buffer
21ANh	Trading Post 3	Historic Documentation	T32N, R25W, Sec. 35	Buffer
21ANj	Anoka Lumber Company (Mill)	Historic Documentation	T31N, R24W, Sec. 6	Buffer
21ANk	St. Paul Lumber Company (Mill)	Historic Documentation	T31N, R25W, Sec. 1	Buffer
21ANI	Washburn Anoka Mill	Historic Documentation	T31N, R25W, Sec. 1	Buffer
21ANm	Mill	Historic Documentation	T31N, R25W, Sec. 1	Buffer
21AN129	River's Bend Park	Artifact Scatter	T32N, R25W, Sec.36	Project
21AN144	n/a	Artifact Scatter	T32N, R25W, Sec.25	Buffer
21AN145	n/a	Artifact Scatter	T32N, R25W, Sec.25	Buffer
21AN146	n/a	Artifact Scatter	T32N, R25W, Sec.25	Buffer
21AN150	Page Bros. & Stimson Planing Mill	Artifact Scatter	T31N, R24W, Sec. 6	Buffer
21AN163	Anoka State Hospital Farm	Artifact Scatter/Structural Ruin	T31N, R24W, Sec. 31	Buffer
21AN169	W.D. Washburn Sawmill	Artifact Scatter/Structural Ruin	T31N, R25W, Sec. 1	Buffer

Key: Site Number = site designation applied by State Archaeologist; Site Name = name given to site; Site Type = defined site use type; Location = amended legal description of recorded property; Project/Buffer = location of site within defined project area (Project) or within a one-mile buffer (Buffer).

The River's Bend Park Site, 21AN129, is the archaeological site which had previously been identified as intersecting the preliminary proposed route. Located by Christina Harrison in 1989 on an island in the Rum River during a survey of River's Bend Park, the site was deemed to be not eligible for listing on the NRHP. Despite the lack of NRHP eligibility, Scott Anfinson, serving as County and Municipal Highway Archaeologist at the time, recommended a limited mitigation of the site through a controlled surface collection. The mitigation did not occur and it was

Mr. Mark Strohfus
June 8, 2011
Page 3



observed in April 1990 that construction on Anoka County Road 116 was underway and the site was "filled over by the grading for the new bridge approaches."

A review of Andreas' Illustrated Atlas identifies several historic roads in the general location of the project area, including one road referred to as the National Road. Also, the home of a Cornelius Pittman is shown in the NE1/4, NW1/4, NW1/4 of Section 36 in Township 32N, Range 25W. The Trygg map which shows information from the 1850 and 1855 surveys of the townships in the project area, also identify several roads in the general location of the project area.

Multiple historic structures have been inventoried within the one-mile buffer. Most of these structures have been determined as not eligible for listing on the NRHP or have not been evaluated for listing. There are a few potentially NRHP eligible and listed structures located within the project area and there remains the possibility of other significant structures in the area that have not yet been inventoried. As the area is highly developed there will be limited visual impact upon historic structures.

The project area has a high potential for cultural resources due to its proximity to the Mississippi and Rum Rivers; however, the area is within a highly modified urban area. Limited locations within the proposed project area have undisturbed soils which could still contain intact cultural resources. One location with undisturbed soils is the island within the Rum River which contains River's Bend Park. Although portions of the island remain undisturbed, the island was previously surveyed by Harrison in 1989. The one archaeological site on that island, which is also the only known site intersecting with the proposed transmission line route, was determined to be ineligible for listing on the NRHP and has since been destroyed.

Due to the high potential for cultural resources, a Phase I Archaeological Reconnaissance Survey is recommended should construction plans involve ground disturbance of previously undisturbed areas. It would be advised that a windshield survey with limited soil testing precede the Phase I survey to ascertain which if any locations are undisturbed and would require additional archaeological survey. If the project becomes federalized and is reviewed under Section 106 of the National Historic Preservation Act, potential cumulative visual impacts upon National Register eligible and listed structures may also need to be taken under consideration.

Sincerely,

WESTWOOD PROFESSIONAL SERVICES



Ryan P. Grohnke
Cultural Resource Specialist



GREAT RIVER
ENERGY®

12300 Elm Creek Boulevard • Maple Grove, Minnesota 55369-4718 • 763-445-5000 • Fax 763-445-5050 • www.GreatRiverEnergy.com

February 25, 2011

Tim Fell
US Army Corp of Engineers
St. Paul District, Attn: OP-R
190 Fifth Street East, Suite 401
St. Paul, MN 55101-1638

RE: Proposed Crooked Lake Substation to Enterprise Park Substation 115-kV Transmission
Line Project
Anoka County, Minnesota
T 32N R 25W Sections 25, 35 & 36
T 32N R 24W Sections 29 – 31
T 31N R 24W Sections 5, 6 & 8

WO# 40011

Dear Mr. Fell:

Great River Energy requests information on the possible effects of a proposed transmission line project in Anoka County, Minnesota, on floodplains, wetlands, and other natural resources in the project area. We respectfully request written comments by Friday, March 25, 2011.

Great River Energy proposes to construct a new 115-kV transmission line between the existing Crooked Lake Substation in Coon Rapids, Minnesota, and the existing Enterprise Park Substation in Anoka, Minnesota. The project is needed to ensure the continued reliability of electric service and support economic development in the northwest metro region. The project will be constructed primarily with single wood pole structures approximately 65 to 80 feet tall. A project fact sheet is enclosed with more details and a map of the proposed transmission line routes. The proposed route is shown in blue and an alternate route is shown in purple. A National Wetland Inventory (NWI) map is also enclosed.

The proposed transmission line will span the Rum River and there are some wetlands in the vicinity of the routes (see enclosed map). There will be no dredging, however, and impacts (e.g., fill) from pole placement will be very minimal.

If you have any questions, please contact me by telephone at 763-445-5210 or by email at MStrohfus@GREnergy.com. If you wish, you can also email me your written comments. Thank you for your cooperation and assistance.

Sincerely,

GREAT RIVER ENERGY

Mark Strohfus
Environmental Project Lead

Enclosure

\\verntfs\shared\Legal\Environmental\Transmission\Projects\4001 Enterprise Park\Agency Contacts\COE.docx

Enterprise Park 115 kV Substation and Transmission Line



GREAT RIVER ENERGY
A Xcel Energy Company

Great River Energy
12300 Elm Creek Blvd
Maple Grove, MN 55369-4718
1-888-521-0130
www.greatriverenergy.com



ANOKA MUNICIPAL UTILITY

Anoka Municipal Utility
2015 1st Ave
Anoka, MN 55303
763-576-2750
www.anokaelectric.govoffice3.com/

Project Need

Great River Energy proposes to build a new single circuit 115 kV (115,000 volt) overhead electric transmission line to connect the existing Crooked Lake Substation to the existing Enterprise Park Substation. Great River Energy is the wholesale power supplier to Connexus Energy and 27 other distribution cooperatives in Minnesota and Wisconsin and is the owner of a critical portion of the high voltage transmission system that delivers electricity to Anoka Municipal Utility. This project will ensure continued reliable electric service and support economic development in the northwest metro region.

Planned Project

Great River Energy will build the transmission line connecting the two substations (see map) and Anoka Municipal Utility and Xcel Energy will modify the two substations as necessary. Most of the transmission line poles will be single wood structures (top photo) approximately 65 to 80 feet tall with 250- to 400-foot spans between poles. Angles along the line and certain soil conditions will require the use of laminated wood poles or steel monopoles; guy wires with anchors or multiple pole structures may be needed in some areas. The 115 kV transmission line will carry three energized wires and one non-energized shield wire for lightning protection. In some areas, lower voltage distribution lines owned by Anoka Municipal Utility may be underbuilt (attached with cross-arms) on the new transmission line structures (bottom photo).

A public open house about this project was hosted by Great River Energy, Connexus Energy and Anoka Municipal Utility in October 2010 to provide information and gather public input. Great River Energy anticipates applying to the Minnesota Public Utility Commission (MPUC) for a Route Permit in spring 2011. The public will have opportunities to participate and provide feedback on the project during the MPUC permitting process. If a Route Permit is approved by the MPUC, representatives of Great River Energy will contact landowners and business owners along the approved transmission line route to discuss the details of the project and easements. The width of the easements will vary from one location to another, but will not exceed 70 feet.

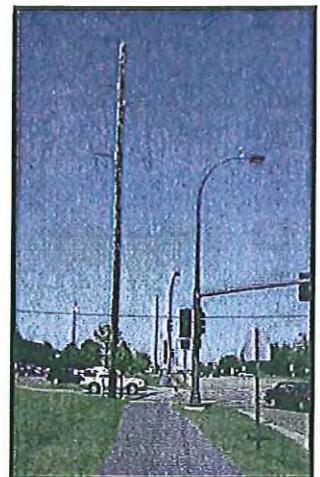
Project Schedule

Open house and public notifications.....	Completed October 2010
MPUC route permitting process.....	Spring 2011 to winter 2011
Easement acquisition.....	Winter 2011 to spring 2012
Construction.....	Summer 2012 to winter 2012

For project updates and information, visit greatriverenergy.com/enterprisepark or contact:

Mark Strohfus
Environmental Project Lead
Great River Energy
763-445-5210 or 1-888-521-0130
MStrohfus@GREnergy.com

Carolyn Braun
Planning Director
City of Anoka
763-576-2722
cbraun@ci.anoka.mn.us

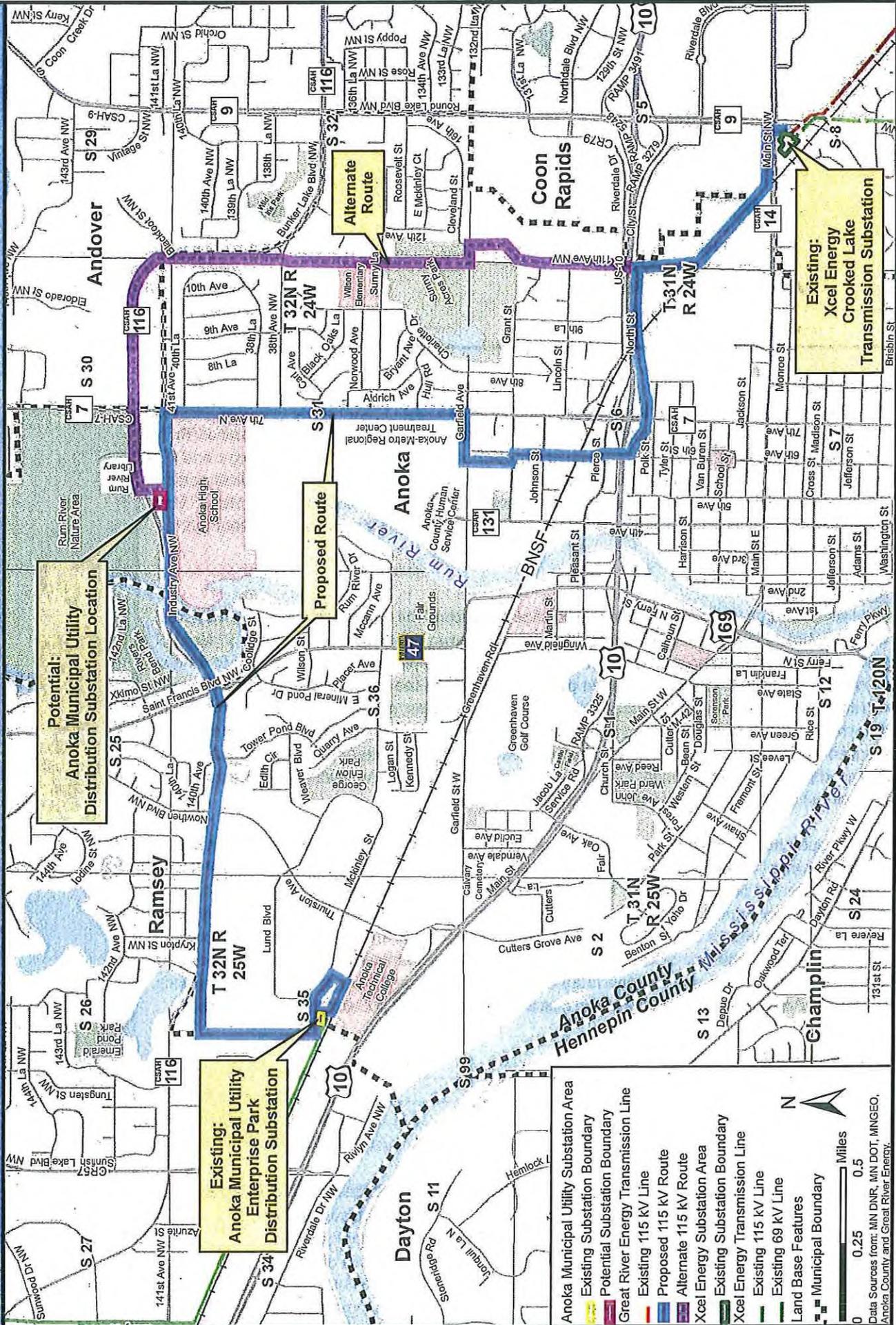


*Typical 115 kV
Wood Single Circuit
Transmission Line
Structure*



*Typical 115 kV Wood
Single Circuit
Transmission Line
Structure with
Distribution Underbuild*

Proposed Project



Legend

- Anoka Municipal Utility Substation Area
- Existing Substation Boundary
- Potential Substation Boundary
- Great River Energy Transmission Line
- Existing 115 kV Line
- Proposed 115 kV Route
- Alternate 115 kV Route
- Xcel Energy Substation Area
- Existing Substation Boundary
- Xcel Energy Transmission Line
- Existing 115 kV Line
- Existing 69 kV Line
- Land Base Features
- Municipal Boundary

Scale: 0, 0.25, 0.5 Miles

Data Sources: MN DNR, MN DOT, MNGEO, Anoka County and Great River Energy.



**GREAT RIVER
ENERGY**

A Touchstone Energy Cooperative

- Proposed Route
- Proposed 115 kV Route
- Atlanta 115 kV Route
- Arden Municipal Utility Substation Area
- Existing Substation Boundary
- Potential Substation Boundary
- Xcel Energy Substation Area
- Existing Substation Boundary
- Great River Energy Transmission Line
- Existing 115 kV Line
- Xcel Energy Transmission Line
- Existing 115 kV Line
- Existing 89 kV Line
- WMI Wetlands
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Riverine



Updated: Feb 19, 2010



Data Sources: Viny Bowen
MNDOT, MNDNR, MNGEO
and Great River Energy.
2010 Color Aerial Photograph from
MNGEO Web Service and FSA.
WMI Wetlands from the
U.S. Fish and Wildlife Service.

Map Projection:
UTM, NAD83, Zone15, Meter

**Enterprise Park
115 kV Substation and
Transmission Line**

WMI
Wetlands

