STATE OF MINNESOTA PUBLIC UTILITIES COMMISSION

ROUTE PERMIT FOR CONSTRUCTION OF A HIGH VOLTAGE TRANSMISSION LINE AND SUBSTATION

IN MCLEOD AND CARVER COUNTIES

ISSUED TO XCEL ENERGY

PUC DOCKET No. E002/TL-10-249

In accordance with the requirements of Minnesota Statutes Chapter 216E.03 and Minnesota Rules Chapter 7850, this route permit is hereby issued to:

XCEL ENERGY

Xcel Energy is authorized by this route permit to construct approximately 23 miles of 115 kilovolt (kV) high voltage transmission lines (HVTL) and to up-grade and relocate the existing Plato substation in McLeod and Carver Counties in the State of Minnesota.

The transmission line and substation project shall be built within the routes identified in this permit and as portrayed on the attached, official route maps, and in compliance with the conditions specified in this permit.

Approved and adopted this _____ day of October 2011

BY ORDER OF THE COMMISSION

_____

Burl W. Haar,
Executive Secretary

This document can be made available in alternative formats (i.e. large print or audio tape) by calling 651.201.2202 (voice). Persons with hearing or speech disabilities may call us through Minnesota Relay at 1.800.627.3529 or by dialing 711.

I. ROUTE PERMIT

The Minnesota Public Utilities Commission (Commission) hereby issues this route permit to Xcel Energy (Permittee) pursuant to Minnesota Statutes Chapter 216E.03 and Minnesota Rules Chapter 7850. This permit authorizes the Permittee to build approximately 23 miles of 115 kV transmission line and the modification/relocation of the existing Plato substation in McLeod and Carver Counties.

II. PROJECT DESCRIPTION

Permittee is authorized to construct the Southwest Twin Cities 115 kV Transmission Line Upgrade to the Glencoe-Waconia 69 kV System as described below:

The project consists of approximately 0.9 mile of new 115 kilovolt (kV) transmission line, 1.9 miles of new 69 kV transmission line that is capable of operating as 115/69 kV double circuit line and upgrade approximately 20.2 miles of 69 kV transmission line to 115 kV (double circuit 115/69 kV capacity) near the cities of Glencoe, Plato, Norwood Young America and Waconia located southwest of the Twin Cities metro area. The project is approximately 23 miles in total.

The Permittee may construct the following facilities:

- Upgrade approximately 4 miles of 69 kV transmission line to 115/69 kV double circuit from the proposed Diamond Substation to the existing Plato Substation.
- Expand and relocate the existing Plato Substation to upgrade the 69 kV distribution load to 115 kV, and to install a capacitor bank on the 69 kV transmission line.
- Upgrade approximately 10 miles of 69 kV transmission line to 115 kV capacity between the Plato Substation, the Young America Substation and the West Waconia Substation.
- Construct approximately 1 mile of new 115 kV transmission line along Highway 5 on the west side of the city of Norwood Young America. This new segment is needed to avoid having to build the 115 kV line into the developed areas of Norwood Young America.
- Upgrade approximately 1 mile of existing 69 kV transmission to 115 kV from the existing West Waconia Substation along Highway 5.
- Construct approximately 2 miles of new 69 kV transmission line from Highway 5 to the existing Augusta 69 kV transmission line. This section would be built to double circuit standard to accommodate a future 115 kV transmission line along with the proposed 69 kV line.
- Upgrade approximately 7 miles of existing 69 kV transmission line to 115 kV capacity from the Waconia Tap to just short of the Augusta Substation.

III. DESIGNATED ROUTE

The approved route is shown on the aerial photos attached to this permit and described follows:

Segment 1
Rebuild approximately 3.6 miles of existing 69 kV transmission line (Line #0771) to a 115/69 kV double circuit transmission line between the city of Glencoe's new Diamond Substation and the Plato Substation located north of the town of Plato, just west of the intersection of 122nd Street and County Highway 9. This route will begin at the Diamond Substation and proceed 2.1 miles along the south side of 110th Street, crossing Dairy Avenue at the 0.05 mile mark. It proceeds northeast along the west side of Boone Avenue, crossing to the east side at an unnamed tributary to Buffalo Creek. As Boone Avenue turns north, the line continues northeast across agricultural land to the Plato Substation, which will be relocated 250 to 500 feet southwest of the existing substation.

Segment 2
Rebuild approximately 6.4 miles of existing 69 kV transmission line (Line #0771) to a 115 kV transmission line between the Plato Substation to the intersection of State Highway 25/5 and County Highway 34. This route proceeds east from the substation along the north side of McLeod County Road 3 (122nd Street), which becomes Carver County Road 34. The route crosses to the south side of County Road 3 at Zebra Avenue and continues east on the south side of the county road.

The ***Waldron Alternative Route Segment*** begins in the vicinity of Urban Avenue. Instead of the proposed deviation south from the County Road 34 right of way, crossing agricultural land and a farmstead, the proposed route is hereby modified to eliminate the deviation from County Road 34. The new 115 kV transmission line will parallel the south ROW of County Road 34, between areas near Urban Avenue and County Highway 33.

Segment 3
Construct approximately 0.9 miles of new 115 kV transmission line along State Highway 25/5 between the intersection of State Highway 25/5 and County Highway 34 and the intersection of State Highway 25/5 and 5th Avenue NE, located on the northeast side of Norwood Young America. This route will be aligned along the north side of the roadway for all but the easternmost 500 feet, which crosses to the south side of Highway 25/5.

Segment 3a
The existing 69 kV line (Line #0735) extending from the intersection of Highway 25/5 and County Road 34 to the Young America Substation will be deconstructed. This route is located approximately one-half block north of and parallels First Street Northwest.

Segment 3b
The existing 69 kV line extending along Fifth Avenue northward from 118th Avenue to the southeast quadrant of the intersection of Highway 25/5 will be deconstructed. This

0.3 mile line crosses from the west side of Fifth Avenue to the east side immediately north of 118th Avenue.

Segment 4
Rebuild approximately 3.2 miles of existing 69 kV transmission line (Line #0735) to a 115 kV transmission line between the intersection of State Highway 25/5 and 5th Avenue and intersection of State Highway 5 and County Road 51. This route extends from the southeast quadrant of Highway 25/5 and 5th Avenue northeastward on the south side of the highway.

Segment 4.5
Construct approximately 150 feet of new 115 kV transmission line from Segments 4 into, and out of the existing West Waconia Substation. This route will be on the south side of Highway 5.

Segment 5
Rebuild approximately 1.0 mile of existing 69 kV transmission line (Line #0735) to a 115 kV transmission line between the West Waconia Substation and the intersection of Highway 5 and County Road 51. This route extends from the substation northeastward on the south side of the Highway 5.

Segment 5a
Construct 0.7 miles of new double circuit 69/115 kV from Waconia West Substation along 106th Street to County Road 51. This route would deviate from Highway 5 and proceed east on the southern side of 106th Street.

Segment 6
Construct approximately 1.9 miles of new 115/69 kV double circuit transmission line along County Highway 51 between Highway 5 and the existing Xcel Energy 69 kV (Line #0740). The route of this segment could include either the east or west side of County Highway 51. This segment will be initially operated at 69 kV.

Segment 7
Rebuild approximately 7 miles of existing 69 kV transmission line (Line #0740) to a 115 kV transmission line between intersection of County Highway 51 and line #0740 and Structure #142 on the west side of Aue Lake. The route proceeds east from County Highway 51 through agricultural land and around the south end of Winkler Lake. East of Winkler Lake, the route continues along the south side of County Road 153. The route continues easterly as County Road 153 turns north, proceeding past the north edge of Miller Lake to the eastern termination of the project. This segment will be initially operated at 69 kV.

A. Route Width and Alignment. The width of the designated route is 100 feet on each side of the existing 69 kV transmission line centerline (200 feet total route width), except for those portions (Segment 3 and Segment 6) of the project with no existing transmission line. In these areas the designated route width is 200 feet on each side of the road

(County Highway 5/25 and County Highway 51, respectively) centerline for a total route width of 400 feet.

The final alignment (i.e., permanent and maintained rights-of-way) will be located within this designated route unless otherwise authorized below. This width will provide the Permittee with the flexibility to do minor adjustments of the specific alignment or right-of-way to accommodate landowner requests and unforeseen conditions.

The designated route identifies an anticipated alignment that minimizes the overall potential impacts relating to the factors identified in Minn. Rule 7850.4100, as evaluated in the environmental review and permitting processes. This alignment matches, to the extent practical, the current alignment of the existing 69 kV line, except for those portions (Segment 3 and Segment 6) of the project with no existing transmission line. As such, this permit anticipates that the actual right-of-way will generally conform to this alignment unless changes are requested by individual landowners or unforeseen conditions are encountered, or are otherwise provided for by this permit. Any alignment modifications within this designated route shall be located to have comparable overall impacts relative to the factors in Minn. Rule 7850.4100 as does the alignment identified in this permit, and shall be specifically identified and documented in and approved as part of the Plan and Profile submitted pursuant to Part IV.A., of this permit.

Route width variations outside the designated route may be allowed for the Permittee to overcome potential site specific constraints. These constraints may arise from any of the following:

1. Unforeseen circumstances encountered during the detailed engineering and design process.
2. Federal or state agency requirements.
3. Existing infrastructure within the transmission line route, including but not limited to roadways, railroads, natural gas and liquid pipelines, high voltage electric transmission lines, or sewer and water lines.
4. Planned infrastructure improvements identified by state agencies and LGUs and made part of the record during the proceeding for this permit.

Any alignment modifications arising from these site specific constraints that would result in right-of-way placement outside the designated route shall be located to have comparable overall impacts relative to the factors in Minn. Rule 7850.4100 as does the alignment identified in this permit and also shall be specifically identified and documented in and approved as part of the Plan and Profile submitted pursuant to Part IV.A. of this permit.

B. Right-of-Way Placement. Where the transmission line route parallels existing highway rights-of-way, the transmission line ROW shall occupy and utilize the existing highway right-of-way to the maximum extent possible, consistent with the criteria in Minn. Rule 7850.4100, the other requirements of this permit and the requirements for highways under the jurisdiction of the Minnesota Department of Transportation in

accordance with Mn/DOT rules, policies, and procedures for accommodating utilities in trunk highway rights-of-way.

Approximately 1.9 miles of new right-of-way will need to be acquired along County Highway 51 to construct Segment 6. Segment 6 involves construction of a new 69 kV transmission line which will be constructed to be 115/69 kV double circuit capable. The route of this segment between Highway 5 and the existing Xcel Energy 69 kV line 0740 could be aligned along either the east or west side of County Highway 51.

Approximately 0.9 mile of new right-of-way will also need to be acquired along Highway 25/5 to allow the new 115 kV line to bypass the Young America Substation (Segment 3). This route will follow the northwest side of Highway 25/5.

C. Right-of-Way Width. The 115 kV transmission line will be built primarily with single-pole structures, which will typically require a 75 foot ROW; however, the applicant will make reasonable attempts to work within the existing 50 foot wide ROW for the rebuild portions of the project. Single-pole structures will range in height from 60 to 105 feet and will be placed between 300 to 400 feet apart. Permittee shall locate the poles as close to property division lines as reasonably possible.

IV. GENERAL CONDITIONS

The Permittees shall comply with the following general conditions during construction of the transmission line and associated facilities and the life of this permit.

A. Plan and Profile. At least 20 calendar days before right-of-way preparation for construction begins, the Permittees shall provide the Commission with a plan and profile of the right-of-way and the specifications and drawings for right-of-way preparation, construction, cleanup, and restoration for the transmission line.

The Permittees may not commence construction until the 20 days has expired or until the Commission has advised the Permittees in writing that it has completed its review of the documents and determined that the planned construction is consistent with this permit. If the Permittees intends to make any significant changes in its plan and profile or the specifications and drawings after submission to the Commission, the Permittees shall notify the Commission at least five days before implementing the changes. No changes shall be made that would be in violation of any of the terms of this permit.

B. Construction Practices.

> **1. Application.** The Permittees shall follow those specific construction practices and material specifications described in the Minnesota Power and Nashwauk Public Utilities Commission Application to the Public Utilities Commission for a Route Permit, dated April 8, 2009, and as described in the environmental impact statement and findings of fact, unless this permit establishes a different requirement, in which case this permit shall prevail.

2. Field Representative. At least 10 days prior to commencing construction, the Permittees shall advise the Commission in writing of the person or persons designated to be the field representative for the Permittees with the responsibility to oversee compliance with the conditions of this permit during construction. The field representative's address, phone number, and emergency phone number shall be provided to the Commission and shall be made available to affected landowners, residents, public officials and other interested persons.
The Permittees may change the field representative at any time upon written notice to the Commission.

3. Local Governments. The Permittees shall cooperate with county and city road authorities to develop appropriate signage and traffic management during construction.

4. Cleanup. All waste and scrap that is the product of construction shall be removed from the area and properly disposed of upon completion of each task. Personal litter, including bottles, cans, and paper from construction activities shall be removed on a daily basis.

5. Vegetation Removal in the Right-of-Way. The Permittees shall minimize the number of trees to be removed in selecting the right-of-way. As part of construction, low growing brush or tree species are allowable within and at the outer limits of the easement area. Taller tree species that endanger the safe and reliable operation of the transmission facility need to be removed. To the extent practical, low growing vegetation that will not pose a threat to the transmission facility or impede construction should remain in the easement area. Should removal of vegetation require herbicide application, the permittee will coordinate with the Minnesota Department of Natural Resources (DNR) to avoid the potential of directly or indirectly affecting native prairie and rare plant species.

6. Erosion Control. The Permittees shall implement reasonable measures to minimize runoff during construction and shall promptly plant or seed, erect silt fences, and/or use erosion control blankets in non-agricultural areas that were disturbed where structures are installed. All areas disturbed during construction of the facilities will be returned to their pre-construction condition; bare soil must not be left in any disturbed areas.

7. Temporary Work Space. The Permittees shall limit temporary easements to special construction access needs and additional staging or lay-down areas required outside of the authorized right-of-way.

8. Restoration. The Permittees shall restore the right-of-way, temporary work spaces, access roads, abandoned right-of-way, and other private lands affected by construction of the transmission line. Restoration within the right-of-

way must be compatible with the safe operation, maintenance, and inspection of the transmission line. Within 60 days after completion of all restoration activities, the Permittees shall advise the Commission in writing of the completion of such activities. The Permittees shall compensate landowners for any yard/landscape, crop damage, soil compaction, or other that may occur during construction.

9. Notice of Permit. The Permittees shall inform all employees, contractors, and other persons involved in the transmission line construction of the terms and conditions of this permit.

C. Periodic Status Reports. Upon request, the Permittees shall report to the Commission on progress regarding finalization of the route, design of structures, and construction of the transmission line. The Permittees need not report more frequently than quarterly.

D. Complaint Procedure. Prior to the start of construction, the Permittees shall submit to the Commission, the procedures that will be used to receive and respond to complaints. The procedures shall be in accordance with the requirements set forth in the complaint procedures attached to this permit.

E. Notification to Landowners. The Permittees shall provide all affected landowners with a copy of this permit and the complaints procedures at the time of the first contact with the landowners after issuance of this permit.

The Permittees shall contact landowners prior to entering the property or conducting maintenance along the route and avoid maintenance practices, particularly the use of fertilizer, herbicides, or pesticides, inconsistent with the landowner's or tenant's use of the land.

The Permittees shall work with landowners to locate the high voltage transmission lines to minimize the loss of agricultural land, forest, and wetlands, and to avoid homes and farmsteads.

F. Completion of Construction.

1. Notification to Commission. At least three days before the line is to be placed into service, the Permittees shall notify the Commission of the date on which the line will be placed into service and the date on which construction was complete.

2. As-Builts. Upon request of the Commission, the Permittees shall submit copies of all the final as-built plans and specifications developed during the project.

3. GPS Data. Within 60 days after completion of construction, the Permittees shall submit to the Commission, in the format requested by the Commission, geo-spatial information (GIS compatible maps, GPS coordinates,

etc.) for all above ground structures associated with the transmission lines, each switch, and each substation connected.

G. Electrical Performance Standards.

1. Grounding. The Permittees shall design, construct, and operate the transmission line in a manner that the maximum induced steady-state short-circuit current shall be limited to five milliamperes, root mean square (rms) alternating current between the ground and any non-stationary object within the right-of-way, including but not limited to large motor vehicles and agricultural equipment. All fixed metallic objects on or off the right-of-way, except electric fences that parallel or cross the right-of-way, shall be grounded to the extent necessary to limit the induced short circuit current between ground and the object so as not to exceed one milliampere rms under steady state conditions of the transmission line and to comply with the ground fault conditions specified in the National Electric Safety Code.

2. Electric Field. The transmission line shall be designed, constructed, and operated in such a manner that the electric field measured one meter above ground level immediately below the transmission line shall not exceed 8.0 kV/m rms.

3. Interference with Communication Devices. If interference with radio or television, satellite or other communication devices is caused by the presence or operation of the transmission line, the Permittees shall take whatever action is prudently feasible to restore or provide reception equivalent to reception levels in the immediate area just prior to the construction of the line.

H. Other Requirements.

1. Applicable Codes. The Permittees shall comply with applicable requirements of the National Electric Safety Code including clearances to ground, clearance to crossing utilities, clearance to buildings, right-of-way widths, erecting power poles, and stringing of transmission line conductors. The transmission line facility will also meet the North American Electric Reliability Corporation's (NERC) reliability standards

2. Other Permits. The Permittees shall comply with all applicable state rules and statutes. The Permittees shall obtain all required local, state and federal permits for the project and comply with the conditions of these permits. A list of the required permits is included in the route permit application and the environmental impact statement. The Permittees shall submit a copy of such permits to the Commission upon request.

3. Pre-emption. Pursuant to Minnesota Statutes 216E.10, subdivisions 1 and 2, this route permit shall be the sole route approval required to be obtained by the Permittees and this permit shall supersede and preempt all zoning, building, or

land use rules, regulations, or ordinances promulgated by regional, county, local and special purpose government.

J. Delay in Construction. If the Permittees have not commenced construction or improvement of the route within four years after the date of issuance of this permit, the Commission shall consider suspension of the permit in accordance with Minnesota Rule 7850.4700.

V. SPECIAL CONDITIONS.

1. **Wetlands/Water Resources.** The permittee will minimize potential impacts to wetland areas by locating structures outside of wetlands and adjacent to these resource areas when feasible and spanning all surface flows. Unavoidable wetland impacts as a result of the placement of poles shall be limited to the immediate area around the poles. The permittee will use construction mats or perform construction during frozen conditions to minimize disturbance and compaction of wetlands and riparian areas during construction. Soil excavated from the wetlands and riparian areas will be contained and not placed back into the wetland or riparian area. Silt fencing or other erosion control measures will be used to prevent sedimentation when working near wetlands and watercourses. Areas disturbed by construction activities will be restored to pre-construction conditions (soil horizons, contours, vegetation, etc.). Where waterways must be crossed to pull in the new conductors and shield wires, workers may walk across, use boats, or drive equipment across ice in the winter.

   Conditions provided in the MPCA NPDES permit, and the DNR license to cross public lands and waters will also be followed.

   If construction activities will result in the disturbance of one acre or more of soils, a National Pollutant Discharge Elimination System stormwater permit from the Minnesota Pollution Control Agency will be required. Standard erosion control measures outlined in Minnesota Pollution Control Agency guidance and best management practices regarding sediment control practice during construction. These practices include, but are not limited to, protecting storm drain inlets, use of silt fences, protecting exposed soil, immediately stabilizing restored soil, controlling temporary soil stockpiles, and controlling vehicle tracking.

2. **Swan Flight Diverters**. The applicants, in consultation with the MDNR (Ecological Services), will determine the need for, type of and location of Swan Flight Diverters (SFD) along the approved route.

3. **Areas of Deconstruction of 69 kV Line**. In those areas where the existing 69 kV line is to be deconstructed, the former 69 kV transmission line structures (i.e., poles/towers) that do not support a distribution circuit will be removed. If an existing 69 kV transmission structure has distribution underbuild, then the structure will remain in place, but would be “topped off” (the top portion of the pole that held the transmission conductors would be removed).

4. **Natural Resource Heritage Information System.** The applicants will conduct a second review of the Natural Resource Heritage Information System data to determine if any significant new information, relative to the approved HVTL route, has been added to the system since the original review was completed in October 2009.

5. **Archaeological Condition**. The Permittee shall make every effort to avoid impacts to identified archaeological and historic resources when installing the high-voltage transmission line on the approved route. In the event that a resource is encountered, the SHPO should be contacted and consulted; the nature of the resource should be identified; and a determination should be made on the eligibility for listing in the National Register of Historic Places. Where feasible, avoidance of the resource is required.

VI. PERMIT AMENDMENT

The general conditions in Section IV may be amended at any time by the Commission. Any person may request an amendment of the conditions of this permit by submitting a request to the Commission in writing describing the amendment sought and the reasons for the amendment. The Commission will mail notice of receipt of the request to the Permittees. The Commission may amend the conditions after affording the Permittees and interested persons such process as is required.

VII. TRANSFER OF PERMIT

The Permittees may request at any time that the Commission transfer this permit to another person or entity. The Permittees shall provide the name and description of the person or entity to whom the permit is requested to be transferred, the reasons for the transfer, a description of the facilities affected, and the proposed effective date of the transfer. The person to whom the permit is to be transferred shall provide the Commission with such information as the Commission shall require to determine whether the new Permittees can comply with the conditions of the permit. The Commission may authorize transfer of the permit after affording the Permittees, the new Permittees, and interested persons such process as is required.

VIII. REVOCATION OR SUSPENSION OF THE PERMIT

The Commission may initiate action to revoke or suspend this permit at any time. The Commission shall act in accordance with the requirements of Minnesota Rules part 7850.5100 to revoke or suspend the permit.

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MINNESOTA PUBLIC UTILITIES COMMISSION
COMPLIANCE FILING PROCEDURE
FOR PERMITTED ENERGY FACILITIES

1. Purpose

To establish a uniform and timely method of submitting information required by the Commission energy facility permits.

2. Scope and Applicability

This procedure encompasses all compliance filings required by permit.

3. Definitions

Compliance Filing – A sending (filing) of information to the Commission, where the information is required by a Commission site or route permit.

4. Responsibilities

A) The Permittees shall eFile all compliance filings with Dr. Burl Haar, Executive Secretary, Public Utilities Commission, through the Department of Commerce (DOC) eDocket system. The system is located on the DOC website: https://www.edockets.state.mn.us/EFiling/home.jsp

General instructions are provided on the website. Permittees must register on the website to eFile documents.

B) All filings must have a cover sheet that includes:
1) Date
2) Name of submitter / Permittees
3) Type of Permit (Site or Route)
4) Project Location
5) Project Docket Number
6) Permit Section Under Which the Filing is Made
7) Short Description of the Filing

Filings that are graphic intensive (e.g., maps, plan and profile) must, in addition to being eFiled, be submitted as paper copies and on CD. Copies and CDs should be sent to: 1) Dr. Burl W. Haar, Executive Secretary, Minnesota Public Utilities Commission, 121 7th Place East, Suite 350, St. Paul, MN, 55101-2147, and 2) Department of Commerce, Energy Facility Permitting, 85 7th Place East, Suite 500, St. Paul, MN, 55101-2198.

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PERMIT COMPLIANCE FILINGS[1]

PERMITTEES: Xcel Energy
PERMIT TYPE: HVTL Route Permit
PROJECT LOCATION: MeLeod and Carver counties
PUC DOCKET NUMBER: E002/TL-10-249

Filing Number	Permit Section	Description	Due Date
1	Section IV.B.2	Contact information for field representative	10 days prior to construction
2	Section IV.A.	Plan and profile of right-of-way	20 days before ROW preparation or construction
3	Section IV.F	Notice of completion and date of placement in service	Three days prior to energizing
4	Section IV.F.3	Provide As-built and GPS information	Within 60 days of construction
5	Section V.2	Provide documentation of consultation with MDNR, on need, type and location of SFD along the approved route.	Prior to submittal of the Plan and profile of right-of-way (Item 3)
6	Section V.4	Provide documentation of a current review of the Natural Resource Heritage Information System date for the approved HVTL route.	Prior to submittal of the Plan and profile of right-of-way (Item 3)

[1] This compilation of permit compliance filings is provided for the convenience of the permittees and the PUC. However, it is not a substitute for the permit; the language of the permit controls.

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MINNESOTA PUBLIC UTILITIES COMMISSION
COMPLAINT HANDLING PROCEDURES FOR
HIGH VOLTAGE TRANSMISSION LINES

A. Purpose:

To establish a uniform and timely method of reporting complaints received by the Permittees concerning Permit conditions for site preparation, construction, cleanup and restoration, operation and resolution of such complaints.

B. Scope:

This document describes Complaint reporting procedures and frequency.

C. Applicability:

The procedures shall be used for all complaints received by the Permittees and all complaints received by the Commission under Minn. Rule 7829.1500 or 7829.1700 relevant to this Permit.

D. Definitions:

Complaint: A verbal or written statement presented to the Permittees by a person expressing dissatisfaction or concern regarding site preparation, cleanup or restoration or other HVTL and associated facilities route permit conditions. Complaints do not include requests, inquiries, questions or general comments.

Substantial Complaint: A written Complaint alleging a violation of a specific Route Permit condition that, if substantiated, could result in Permit modification or suspension pursuant to the applicable regulations.

Unresolved Complaint: A Complaint which, despite the good faith efforts of the Permittees and a person(s), remains to both or one of the parties unresolved or unsatisfactorily resolved.

Person: An individual, partnership, joint venture, private or public corporation, association, firm, public service company, cooperative, political subdivision, municipal corporation, government agency, public utility district, or any other entity, public or private, however organized.

E. Complaint Documentation and Processing:

1. The Permittees shall document all Complaints by maintaining a record of all applicable information concerning the Complaint, including the following:

a. Name of complainant, address, phone number, and e-mail address.
b. Precise property description or parcel number.
c. Name of Permittees representative receiving Complaint and date of receipt.
d. Nature of Complaint and the applicable Route Permit conditions(s).
e. Activities undertaken to resolve the Complaint.
f. Final disposition of the Complaint.

2. The Permittees shall designate an individual to summarize Complaints for substantial to the Commission. This person's name, phone number and e-mail address shall accompany all complaint submittals.

3. A Person presenting the Complaint should to the extent possible, include the following information in their communications:

a. Name, address, phone number, and e-mail address.
b. Date
c. Tract or parcel
d. Whether the complaint relates to (1) a Route Permit matter, (2) a HVTL and associated facility issue, or (3) a compliance issue.

F. Reporting Requirements:

The Permittees shall report all complaints to the Commission according to the following schedule:

Immediate Reports: All substantial complaints shall be reported to the Commission the same day received, or on the following working day for complaints received after working hours. Such reports are to be directed to HVTL Permit Compliance, 1-800-657-3794, or by e-mail to: DOC.energypermitcompliance@state.mn.us, or. Voice messages are acceptable.

Monthly Reports: By the 15th of each month, a summary of all complaints, including substantial complaints received or resolved during the preceding month, shall be Filed to Dr. Burl W. Haar, Executive Secretary, Public Utilities Commission, using the Minnesota Department of Commerce eDocket system (see eFiling instructions attached to this permit).

If no Complaints were received during the preceding month, the Permittees shall submit (eFile) a summary indicating that no complaints were received.

G. Complaints Received by the Commission or OES:

Complaints received directly by the Commission from aggrieved persons regarding site preparation, construction, cleanup, restoration, operation and maintenance shall be promptly sent to the Permittees.

H. Commission Process for Unresolved Complaints:

Initial Screening: Commission staff shall perform an initial evaluation of unresolved Complaints submitted to the Commission. Complaints raising substantial HVTL Route Permit issues shall be processed and resolved by the Commission. Staff shall notify Permittees and appropriate person(s) if it determines that the Complaint is a Substantial Complaint. With respect to such Complaints, each party shall submit a written summary of its position to the Commission no later than ten days after receipt of the Staff notification. Staff shall present Briefing Papers to the Commission, which shall resolve the Complaint within twenty days of submission of the Briefing Papers.

I. Permittees Contacts for Complaints:

Mailing Address: Complaints filed by mail shall be sent to:

ATTN: Mr. Timothy G. Rogers
Supervisor, Siting and Routing
Xcel Energy
414 Nicollet Mall, MP-8A
Minneapolis, MN 55401

Tel: (612) 330-1955

Email: timothy.g.rogers@xcelenergy.com

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HVTL ROUTE MAPS

Proposed Xcel Energy Southwest Twins Cities Glencoe - Waconia Transmission Line Rebuild Project

Greater SW Minneapolis Metro, Minnesota

N W E S

0 400 Feet

Data Source(s): MN LMIC Imagery (2008), MNDNR PWI (2008), MNDOT (2004), USGS NHD (2008), USFWS NWI (1997), ESRI Transportation (2009), Xcel (2010).

- Waldron Alternative
- Xcel Energy Proposed Route Width (200ft)
- Xcel Energy Proposed Rebuild
- Overhead Transmission Line
- Existing Transmission Lines
- Stream/River
- NWI Wetlands

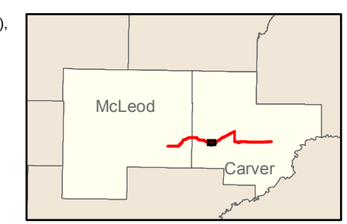

Figure 15 - Waldron Alternative Proposed HVTL Route

Segment 2

Map Document: (P:/20091075/gis/RPA/West_Section/110511/20091075Wproj/2B_Segment2_Waldron.mxd)
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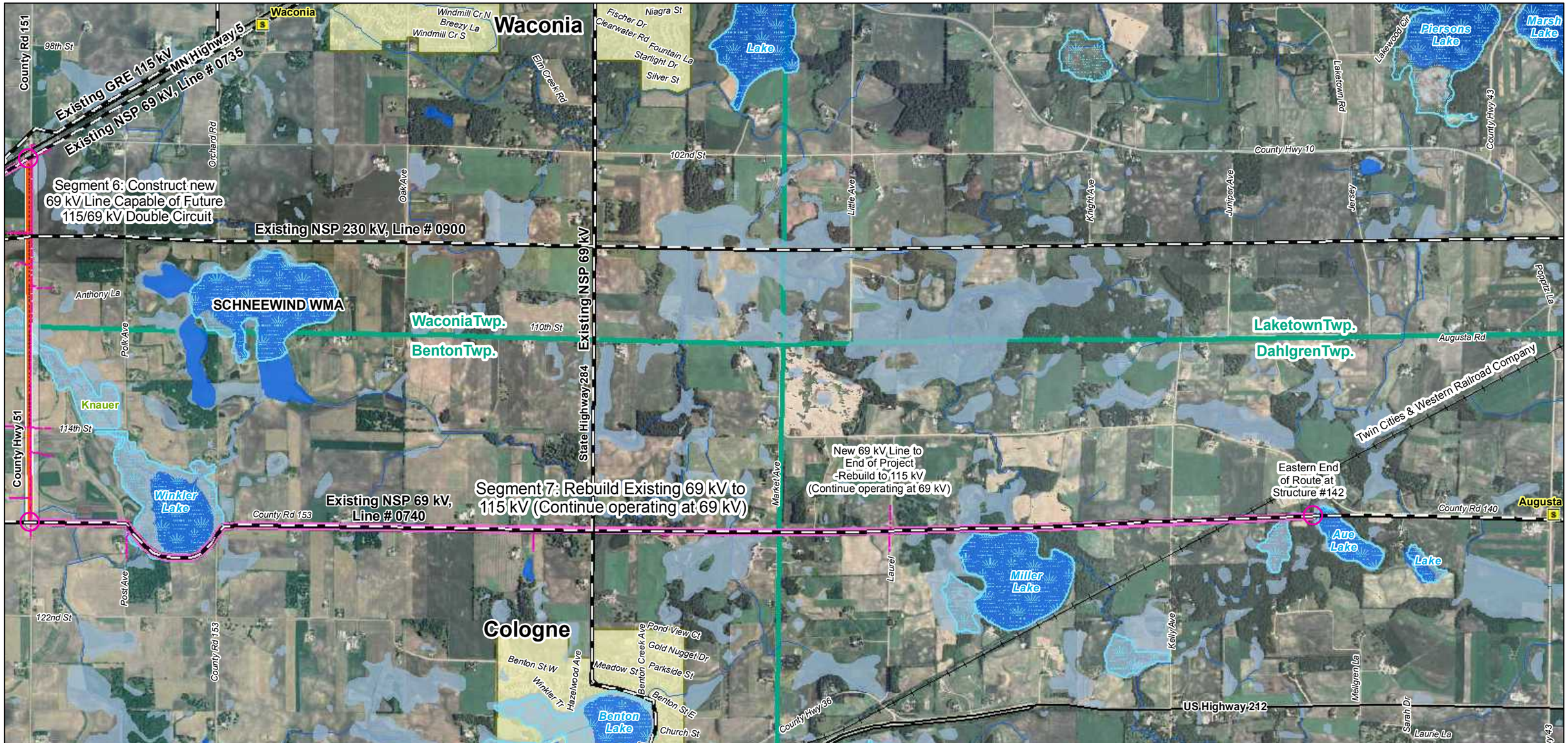


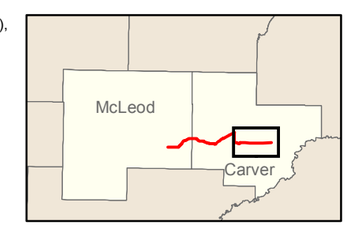
Proposed Xcel Energy Southwest Twins Cities Glencoe - Waconia Transmission Line Rebuild Project

Greater SW Minneapolis Metro, Minnesota

N W E S

0 0.25 Miles

Data Source(s): MN LMIC Imagery (2008), MNDNR PWI (2008), MNDOT (2004), USGS NHD (2008), USFWS NWI (1997), ESRI Transportation (2009), Xcel (2010).



- Rebuild
- New Transmission Line Route
- Retire Existing Line
- Alternate Routes
- Existing Transmission Lines
- OH Primary
- Xcel Substations
- Segment Start and End Locations
- Switch
- Substations/Taps
- Proposed Route Width (200ft & 400ft)

Hydrography

- NWI Wetlands (within 2 miles)
- Lakes
- Public Water Inventory
- Stream/River

Base

- Counties
- Municipalities
- Township
- Highway
- Railroad

Figure 10
Proposed HVTL Route
Segment 7

Map Document: (P:\20091075\gis\RPA\West_Section\110511\20091075\Wpro\02B_Segment7gv.mxd)
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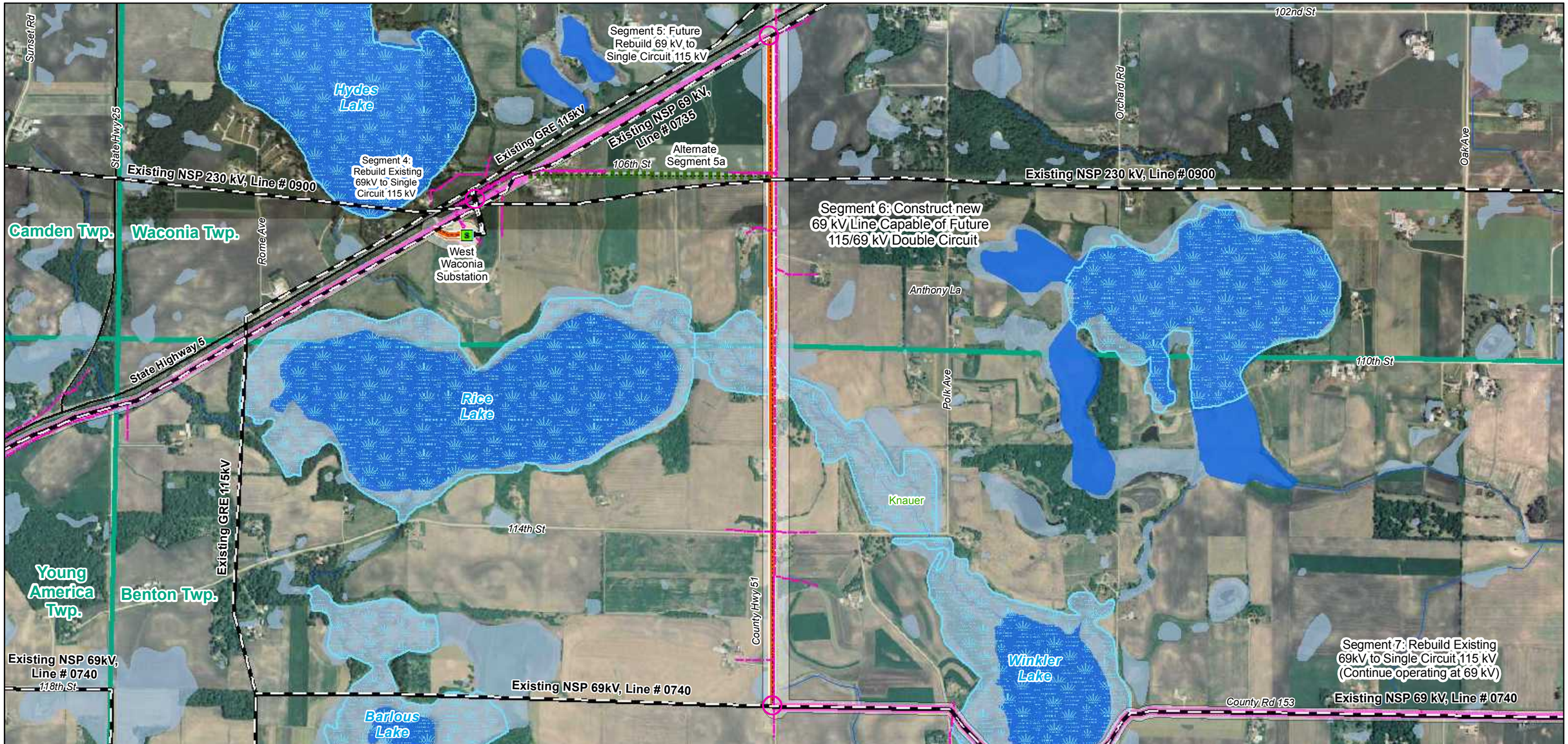

Proposed Xcel Energy Southwest Twins Cities Glencoe - Waconia Transmission Line Rebuild Project

Greater SW Minneapolis Metro, Minnesota

N W E S

0 0.25 Miles

Data Source(s): MN LMIC Imagery (2008), MNDNR PWI (2008), MNDOT (2004), USGS NHD (2008), USFWS NWI (1997), ESRI Transportation (2009), Xcel (2010).

- Rebuild
- New Transmission Line Route
- Retire Existing Line
- Alternate Routes
- Existing Transmission Lines
- OH Primary
- Xcel Substations
- Segment Start and End Locations
- Switch
- Substations/Taps
- Proposed Route Width (200ft & 400ft)

Hydrography

- NWI Wetlands (within 2 miles)
- Lakes
- Public Water Inventory
- Stream/River

Base

- Counties
- Municipalities
- Township
- Highway
- Railroad

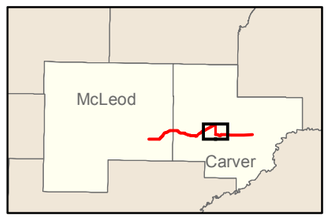

Figure 9
Proposed HVTL Route

Segment 6

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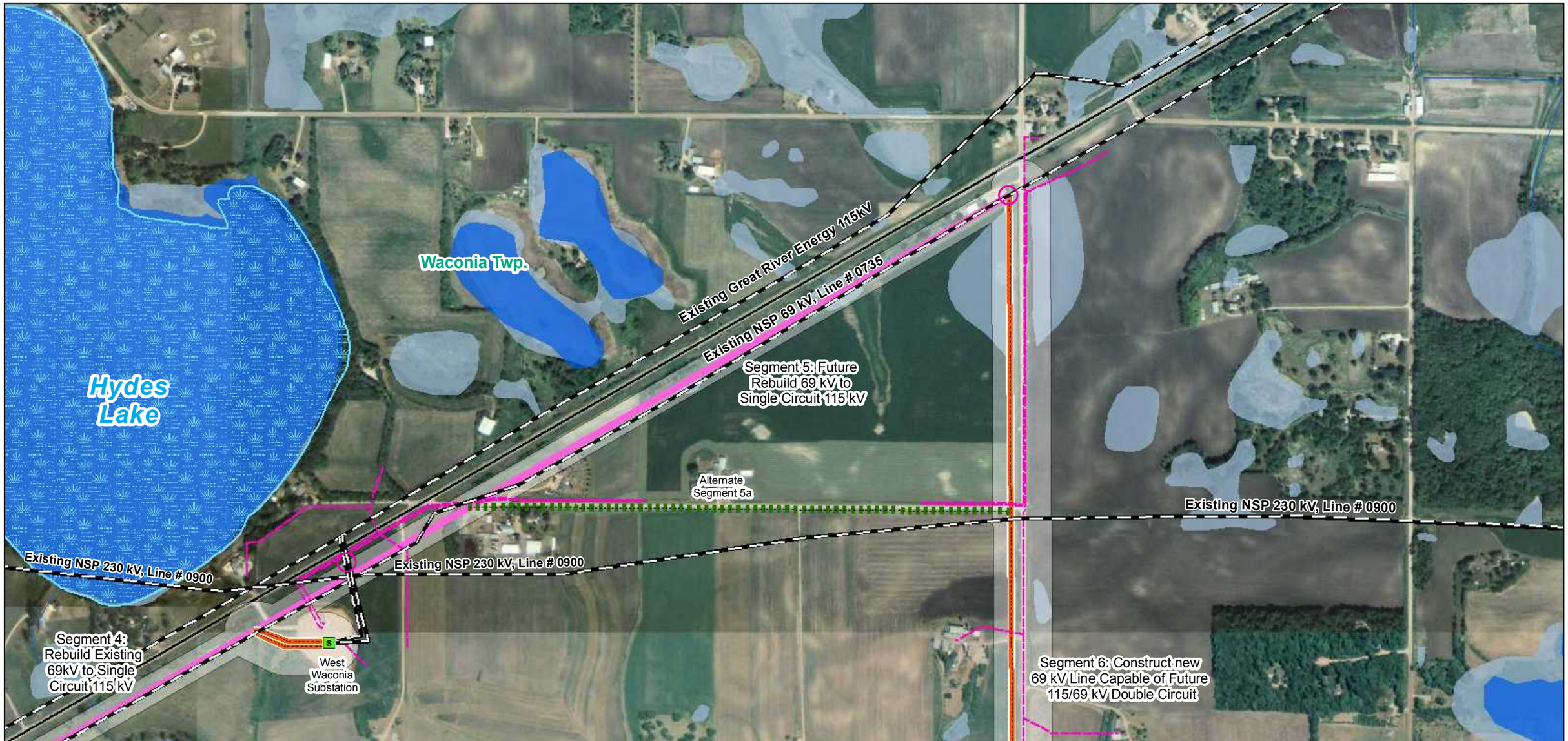

Proposed Xcel Energy Southwest Twins Cities Glencoe - Waconia Transmission Line Rebuild Project

Greater SW Minneapolis Metro, Minnesota

N W E S

0 0.1 Miles

Data Source(s): MN LMIC Imagery (2008), MNDNR PWI (2008), MNDOT (2004), USGS NHD (2008), USFWS NWI (1997), ESRI Transportation (2009), Xcel (2010).

- Rebuild
- New Transmission Line Route
- Retire Existing Line
- Alternate Routes
- Existing Transmission Lines
- OH Primary
- Xcel Substations
- Segment Start and End Locations
- Switch
- Substations/Taps
- Proposed Route Width (200ft & 400ft)

Hydrography

- NWI Wetlands (within 2 miles)
- Lakes
- Public Water Inventory
- Stream/River

Base

- Counties
- Municipalities
- Township
- Highway
- Railroad

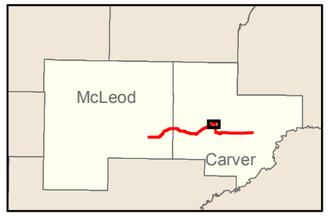

Figure 8
Proposed HVTL Route
Segment 5

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Proposed Xcel Energy Southwest Twins Cities Glencoe - Waconia Transmission Line Rebuild Project

Greater SW Minneapolis Metro, Minnesota

N W E S

0 0.1 Miles

Data Source(s): MN LMIC Imagery (2008), MNDNR PWI (2008), MNDOT (2004), USGS NHD (2008), USFWS NWI (1997), ESRI Transportation (2009), Xcel (2010).

- Rebuild
- New Transmission Line Route
- Retire Existing Line
- Alternate Routes
- Existing Transmission Lines
- OH Primary
- Xcel Substations
- Segment Start and End Locations
- Switch
- Substations/Taps
- Proposed Route Width (200ft & 400ft)

Hydrography

- NWI Wetlands (within 2 miles)
- Lakes
- Public Water Inventory
- Stream/River

Base

- Counties
- Municipalities
- Township
- Highway
- Railroad

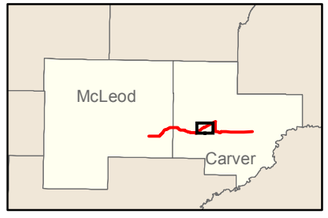

Figure 7
Proposed HVTL Route
Segment 4

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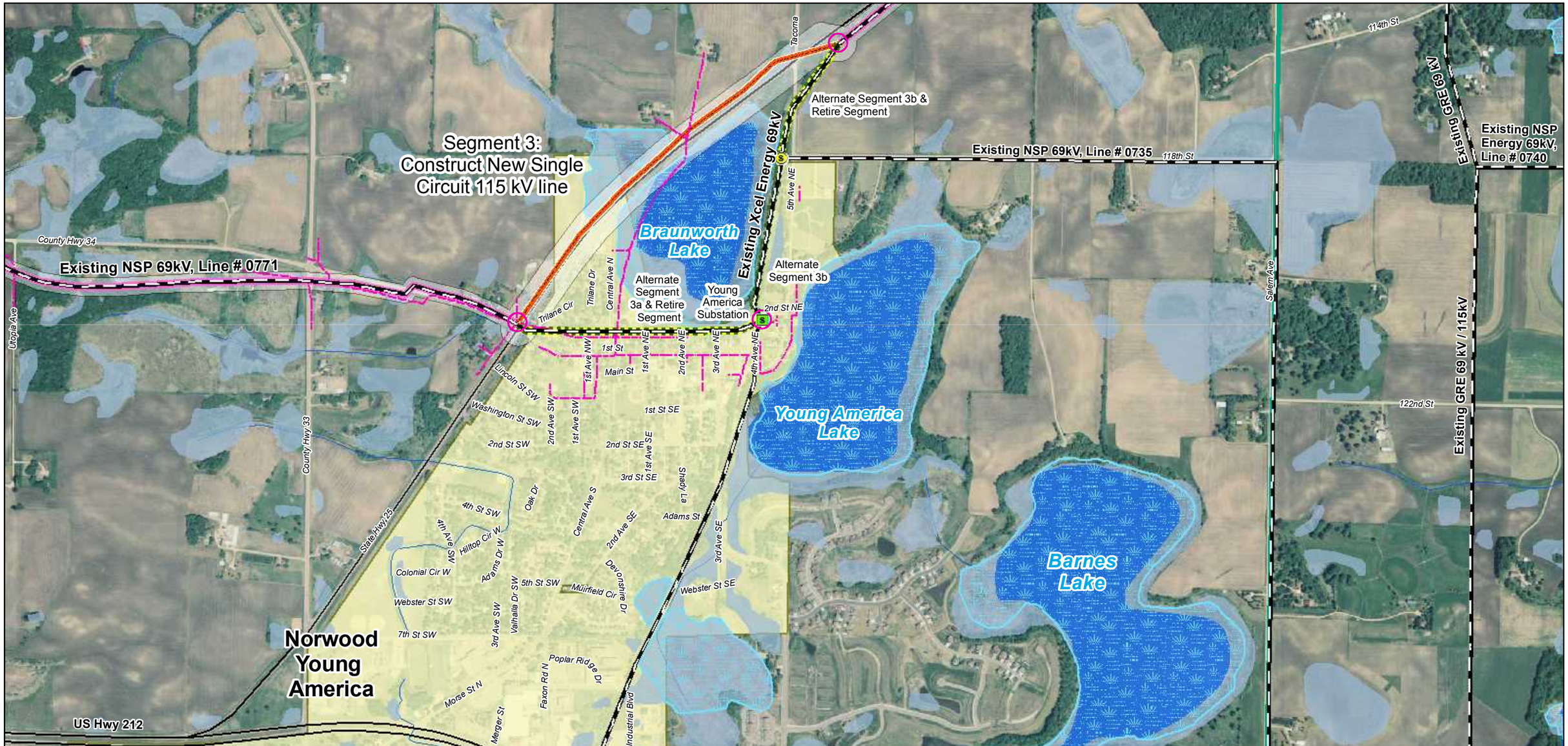

Proposed Xcel Energy Southwest Twins Cities Glencoe - Waconia Transmission Line Rebuild Project

Greater SW Minneapolis Metro, Minnesota

N W E S

0 0.1 Miles

Data Source(s): MN LMIC Imagery (2008), MNDNR PWI (2008), MNDOT (2004), USGS NHD (2008), USFWS NWI (1997), ESRI Transportation (2009), Xcel (2010).

- Rebuild
- New Transmission Line Route
- Retire Existing Line
- Alternate Routes
- Existing Transmission Lines
- OH Primary
- Xcel Substations
- Segment Start and End Locations
- Switch
- Substations/Taps
- Proposed Route Width (200ft & 400ft)

Hydrography

- NWI Wetlands (within 2 miles)
- Lakes
- Public Water Inventory
- Stream/River

Base

- Counties
- Municipalities
- Township
- Highway
- Railroad

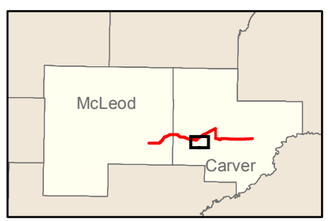

Figure 6
Proposed HVTL Route
Segment 3

Map Document: (P:\20091075\gis\RPA\West_Section\110511\20091075Wprop\2B_Segment3gv.mxd)
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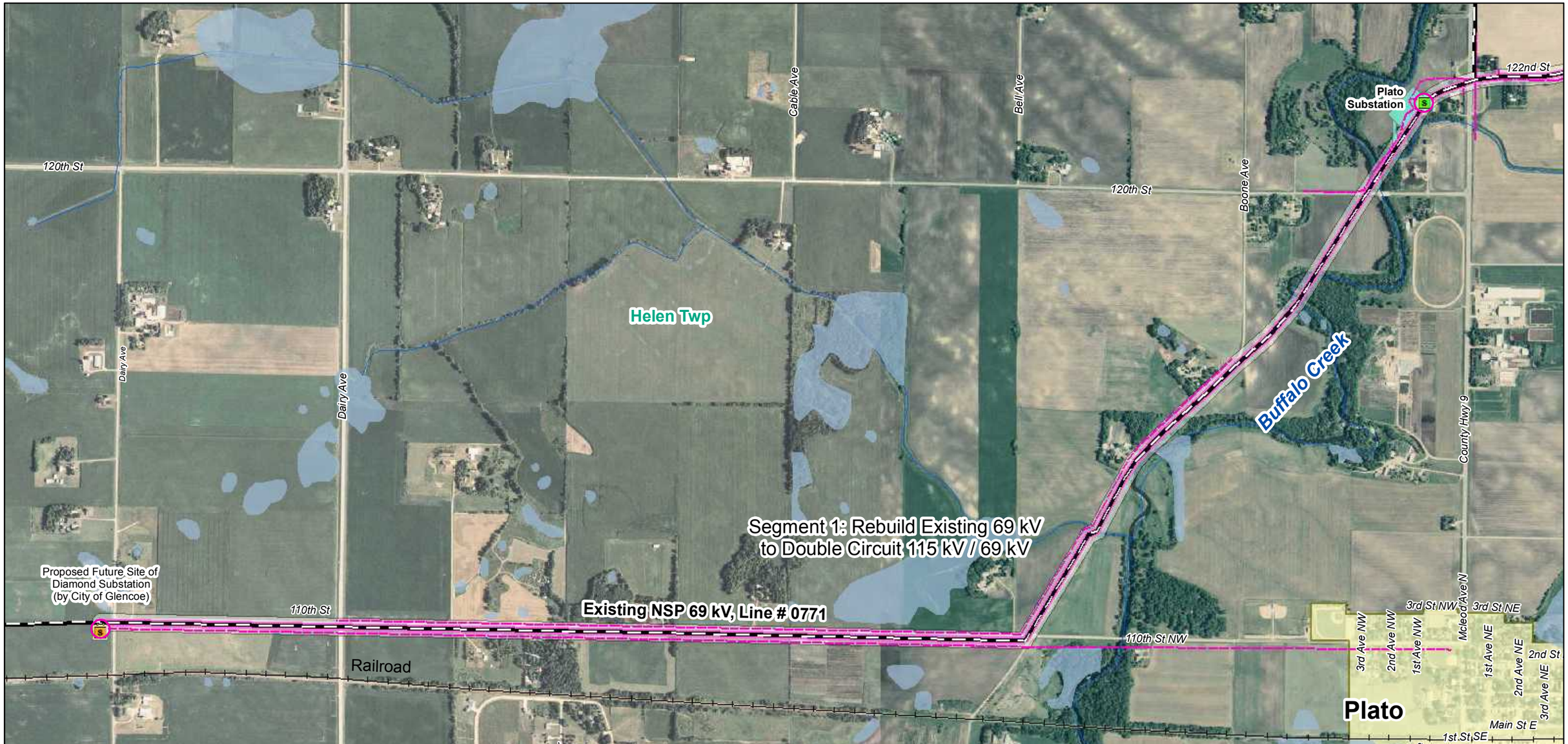

Proposed Xcel Energy Southwest Twins Cities Glencoe - Waconia Transmission Line Rebuild Project

Greater SW Minneapolis Metro, Minnesota

N W E S

0 0.25 Miles

Data Source(s): MN LMIC Imagery (2008), MNDNR PWI (2008), MNDOT (2004), USGS NHD (2008), USFWS NWI (1997), ESRI Transportation (2009), Xcel (2010).

- Rebuild
- New Transmission Line Route
- Retire Existing Line
- Alternate Routes
- Existing Transmission Lines
- OH Primary
- Xcel Substations
- City of Glencoe Proposed Substation
- Segment Start and End Locations
- Switch
- Substations/Taps
- Proposed Route Width (200ft & 400ft)
- General Area of Plato Substation Upgrade

Hydrography

- NWI Wetlands (within 2 miles)
- Lakes
- Public Water Inventory
- Stream/River

Base

- Counties
- Municipalities
- Township
- Highway
- Railroad

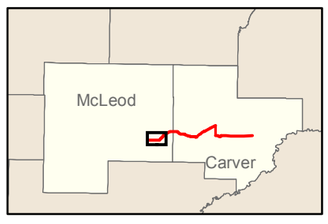

Figure 4
Proposed HVTL Route
Segment 1

Map Document: (P:/20091075/gis/RPA/West_Section/110511/20091075Wprop2B_Segment1gv.mxd)
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