

May 5, 2020

VIA ELECTRONIC FILING

Mr. Will Seuffert
 Executive Secretary
 Minnesota Public Utilities Commission
 121 Seventh Place East, Suite 350
 Saint Paul, MN 55101-2147

Re: In the Matter of the Application of Enbridge Energy, Limited Partnership for a Pipeline Route Permit for the Line 3 Replacement Project in Minnesota from the North Dakota Border to the Wisconsin Border
MPUC Docket No. PL-9/PPL-15-137

Dear Mr. Seuffert:

Enbridge Energy, Limited Partnership (“Enbridge”) requests that the Minnesota Public Utilities Commission (“Commission”) approve route width variations and a permit amendment for the Pipeline Routing Permit (“Route Permit”) for the Line 3 Replacement Project (“Project”) pursuant to Minn. R. 7852.3400 and Sections 3.5 and 10 of the Route Permit. As described in more detail in this filing, Enbridge requests 12 route width and centerline modifications of the PUC Designated Route.¹ The following table provides an overview of the requested modifications.

Modification No.	Mile Post	County	Reason for Modification
1	828	Marshall	Avoidance of impacts to cultural resources.
2	915	Clearwater	Landowner and U.S. Fish and Wildlife Service (“USFWS”) coordination.
3	925	Clearwater	Installation of cathodic protection ground bed.
4	927	Clearwater	Reduce impacts to wetlands protected by USFWS conservation easements.
5	931	Clearwater	Minimize impact to landowner farming activities.
6	994	Wadena	Shift of route to location where Enbridge has

¹ The PUC Designated Route is the route identified in the Route Permit issued to Enbridge on May 1, 2020 in Docket No. PL9/PPL-15-137.

Modification No.	Mile Post	County	Reason for Modification
			existing land rights.
7	1019	Cass	Landowner request to relocate cathodic protection ground bed.
8	1054	Aitkin	Further design of facilities associated with Swatara Pump Station on property to be owned by Enbridge.
9	1062	Aitkin	Installation of cathodic protection ground bed.
10	1073	Aitkin	Avoid heavily saturated area with constructability concerns.
11	1095	St. Louis	Landowner coordination.
12	1117	Carlton	Optimal crossing of I-35 and co-location with existing Lines 67, 13, and 4 in this location.

1. Enbridge’s May 3, 2019 Application for Approval of Route Width Variations and Permit Amendment.

On May 3, 2019, Enbridge submitted its prior Application for Approval of Route Width Variations and Permit Amendment (“2019 Application”) pursuant to the Route Permit issued to Enbridge on January 18, 2019 in this docket. On May 31, 2019, DOC-EERA provided comments concluding that “The Permittee’s analysis demonstrates that the requested modifications are minor enough deviations from the originally permitted route that they do not affect the potential significant adverse environmental effects of the project.” DOC-EERA further commented that “Based on the existing record, EERA staff does not believe the Commission should require further study, hold additional public meetings, or assess additional fees.”

The 2019 Application included 17 route width and centerline modifications. Each of the modifications requested by Enbridge in this application was included in the 2019 Application. However, for the purposes of efficiency and to avoid confusion, Enbridge’s current request does not include modifications involving only additional temporary workspace (“ATWS”) because ATWS located outside the Designated Route is already contemplated by the Route Permit. Specifically, Section 3.3 of the Route Permit provides that Enbridge “is authorized to use additional temporary workspace outside the typical construction workspace to facilitate specific aspects of construction Additional temporary workspace outside of the authorized route will be obtained from affected landowners through rental agreements. As applicable, additional temporary workspace may be reviewed and modified by federal and state permitting authorities as part of other approval processes.”

2. *Applicable Law.*

Section 10 of the Route Permit provides that Enbridge may apply to the Commission for amendments to the Route Permit in accordance with Minn. R. 7852.3400. Pursuant to Minn. R. 7852.3400, Enbridge may apply to the Commission for an amendment of the route location or conditions in the Route Permit. An application for an amendment must include information sufficient for the Commission to determine:

- A. whether, in light of the criteria in parts 7852.0700 and 7852.1900, the requested changes are significant enough to warrant commission study and approval;
- B. whether to order public information meetings near the affected area; and
- C. whether additional fees shall be assessed.

The Commission makes the above determinations within 45 days or, if it decides to study the application further, within 70 days.²

In addition, Section 3.5 of the Route Permit provides that “[r]oute width variations may be allowed” in the event of:

1. Unforeseen circumstances encountered during the detailed engineering and design process.
2. Federal or state agency requirements.
3. Existing infrastructure within the pipeline route, including but not limited to railroads, natural gas and liquid pipelines, high voltage electric transmission lines, or sewer and water lines.

As described in more detail below and in the attached filing, the requested modifications are insignificant, the resulting impacts have generally been contemplated within the existing record, and no further study is necessary for Commission approval.

² Minn. R. 7852.3400.

3. *Summary of Analysis.*

a. *Significance of Requested Modifications When Considering Routing Criteria.*

As noted previously, the modifications requested by Enbridge are generally proposed to avoid or mitigate Project impacts (including aligning construction practices and Project design more closely with prior pipeline construction in these areas). Specifically:

- One modification is proposed to avoid impacts to cultural resources (No. 1);
- Four modifications are proposed to accommodate landowner requests (Nos. 2, 5, 7 and 11);
- Two modifications are proposed to reduce wetland impacts (Nos. 4 and 10);
- Two modifications are proposed to align Project construction and design more closely with prior pipeline construction and/or design in these locations (Nos. 6 and 12); and
- Three modifications are proposed as a result of further detailed design and/or construction engineering analysis (Nos. 3, 8 and 9).

Thus, as described further in this filing, the requested modifications to the PUC Designated Route have similar or lesser human and environmental impacts as the corresponding section of the PUC Designated Route. Where modifications are requested for construction-related issues, the modifications have generally been designed to minimize impacts, including by being located in previously disturbed areas. In addition, each of the modifications requested by Enbridge in this filing has been included in Enbridge's application submissions to the MDNR, Minnesota Pollution Control Agency, and U.S. Army Corps of Engineers.

Further, the requested modifications fall within the categories identified in Section 3.5 of the Route Permit for which route width variations are authorized.

b. *Public Information Meetings.*

The requested modifications are in close proximity to the PUC Designated Route, and Enbridge has been coordinating with potentially affected landowners concerning the modifications. As discussed in more detail in this filing and except where specifically noted, Enbridge generally has all land rights needed for each modification, several of which are proposed on property that is already or will be owned in fee by Enbridge. Further, as noted above, the requested modifications have similar or lesser human and environmental impacts than the PUC Designated Route. As such, Enbridge respectfully submits that additional public information meetings are not warranted.

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c. Additional Fees.

Enbridge agrees to pay any additional fees, to the extent the Commission determines they should be assessed.

4. Enclosed Documents.

With respect to each requested modification, Enbridge includes: (1) a description of the proposed modification; (2) the purpose of and justification for the modification; (3) an analysis of the potential impacts of the modification on the human and natural environment; and (4) a map depicting the permitted route segment and corresponding proposed modification (see Attachment D). In addition, Attachment A lists the sources used to complete the analysis provided in this filing.

5. Conclusion.

Because the overall impact of each proposed modification is comparable to the corresponding segment of the permitted route, Enbridge respectfully requests that the Commission grant an amendment to the Route Permit for the locations described above and shown in the enclosed attachments. Specifically, Enbridge requests that the Commission amend the Route Permit issued on May 1, 2020 by replacing the specific PUC Designated Route maps included in Attachment 3 of the Route Permit with those included as Attachment D in this request.

This letter has been e-filed today through www.edockets.state.mn.us and is also being served upon the persons on the Official Service List of record. In addition, this filing is being served upon affected landowners (*i.e.*, parcels affected by the requested modifications and parcels adjacent thereto. See Attachment C for a list of affected landowners).

Sincerely,

/s/ Christina K. Brusven

Christina K. Brusven
Attorney at Law
Direct Dial: 612.492.7412
Email: cbrusven@fredlaw.com

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MODIFICATION NO. 1
MP 828

Modification No. 1 – Milepost 828

Enbridge requests a route modification outside the PUC Designated Route near MP 828 in Marshall County, Minnesota.

A. Description of Proposed Route Modification

As seen in the enclosed revised Maps 033 and 034, Enbridge seeks a route modification outside the PUC Designated Route near MP 828 in Wanger Township, Marshall County, for the Project's crossing of the Tamarac River. The requested modification is approximately 4,939 feet in length and would cross the Tamarac River farther west than the crossing in the PUC Designated Route.

B. Reason for Proposed Route Modification

Enbridge requests this modification to avoid impacts to cultural resources identified during Tribal Cultural Resource ("TCR") field surveys along the PUC Designated Route. Enbridge performed further design and engineering work in response to this issue, coordinated additional field surveys, and in coordination with the TCR management team, concluded that the proposed modification would avoid impacts to the cultural resources identified in this area.

C. Analysis of Potential Human and Environmental Impacts

Tables 1.1 and 1.2 below show the impacts of the modification being requested at MP 828. The third and fourth columns of Table 1.1 provide environmental data on the applicable portion of the PUC Designated Route and the requested modification. As shown on the tables below, this modification avoids cultural resource impacts and results in less wetland impacts. Although the modification also results in greater impacts to forested and agricultural land and will not be co-located with existing right-of-way, these impacts are necessary to avoid impacting the identified cultural resource site. Enbridge has acquired the additional land rights needed for this modification.

Table 1.1			
Analysis of Route Modification No. 1 (Milepost 828)			
for the Line 3 Replacement Project			
Resource/Category	Units	PUC Designated Route	Requested Modification
Total Length	Feet	4,126	4,939
Length Parallel to Existing Rights-of-Way	Feet	1,822	382
Roads Crossed	Number	0	0
Parcels Crossed	Number	3	6
Residences within 300 feet of the Pipeline Route	Number	0	0
Total Impacts on Surveyed Wetlands	Acres	0.32	0.24
Land Use			
Forested Land Crossed	Acres	0.00	1.20
Agricultural Land Crossed	Acres	10.40	13.77
Developed Land Crossed	Acres	0.00	0.31
Wetlands Crossed ^a	Acres	0.00	0.00
Open Land Crossed	Acres	0.00	0.00
^a Wetland acres presented here were developed using Gap Analysis Program (“GAP”) land cover data (<i>see Attachment A</i>). This data should be used for land use data comparison purposes only. Actual wetland impacts based on survey data are presented in the “Total Impacts on Surveyed Wetlands” row, above.			

Table 1.2	
Route Comparison of Route Modification No. 1 (Milepost 828)	
Human settlement, existence and density of populated areas, existing and planned future land use, and management plans	The requested modification would have no additional impact on these features because the parcels crossed are of similar nature to those previously impacted and no new structures are impacted by the modification.
Natural environment, public and designated lands, including but not limited to natural areas, wildlife habitat, water, and recreational lands	The requested modification will result in a different crossing location of the Tamarac River, which is a Minnesota Public Water Inventory (“PWI”) watercourse. The requested modification would avoid crossing an oxbow/wetland feature associated with the river.
Lands of historical, archaeological, and cultural significance	The purpose of the requested modification is to avoid a cultural site that was identified during Enbridge’s field survey. Based on Enbridge’s survey and the TCR Survey, no lands of historical, archeological, or cultural significance would be impacted by construction along the requested modification.
Economies within the route, including agricultural, commercial or industrial, forestry, recreational, and mining operations	The requested modification would increase impacts on agricultural lands by 3.37 acres. These types of impacts were previously contemplated in the PUC permitting process and do not have the potential to significantly impact these resources.
Pipeline cost and accessibility	This modification will increase pipeline cost slightly because of the increased length of the requested modification when compared to the PUC Designated Route.
Use of existing rights-of-way and right-of-way sharing or paralleling	This modification would reduce the amount of right-of-way sharing or paralleling by approximately 1,440 feet, as it diverges from the existing Enbridge Mainline right-of-way to avoid a cultural site and provide for an optimal crossing location of the Tamarac River.
Natural resources and features	The requested modification would reduce impacts on surveyed wetlands by 0.08 acre and increase impacts on forested lands by 1.2 acres. These types of impacts were previously contemplated in the PUC permitting process and do not have the potential to significantly impact these resources.

Table 1.2	
Route Comparison of Route Modification No. 1 (Milepost 828)	
Extent to which human or environmental effects are subject to mitigation by regulatory control and permit conditions	Any change in impacts on regulated features would be reflected in permits issued for the Project. No new permits are required due to this modification.
Cumulative potential effects of related or anticipated future pipeline construction	The requested modification would not result in a significant change in potential cumulative effects because the overall length and acreage of the impact is insignificant relative to the scale of the whole Project.
Relevant applicable policies, rules, and regulations of other state and federal and local government land use laws	The same policies, rules, and regulations of other state, federal, and local land use laws would apply to the requested modification and the PUC Designated Route.

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MODIFICATION NO. 2
MP 915

Modification No. 2 – Milepost 915

Enbridge requests a route modification outside the PUC Designated Route near MP 915 in Clearwater County, Minnesota.

A. Description of Proposed Route Modification

As seen on the enclosed revised Maps 134 and 135, Enbridge requests a route modification between MP 915 and MP 916 in Holst Township, Clearwater County. The requested modification is approximately 3,736 feet in length.

B. Reason for Proposed Route Modification

This modification arises after coordination with landowners and the United States Fish and Wildlife Service (“USFWS”). The landowner of tract MN-CL-C5-014.000 within the PUC Designated Route did not sign a voluntary easement, so Enbridge proposed moving the centerline alignment to the tract to the west, which shifted a portion of the route on tract MN-CL-C5-013.000. USFWS has a conservation easement on this tract that precedes Enbridge’s request for an easement. Enbridge and USFWS have come to an informal agreement that will reduce the impacts of the Project within USFWS easement wetlands on that tract. The USFWS correspondence is attached to this request as Attachment B.

C. Analysis of Potential Human and Environmental Impacts

Tables 2.1 and 2.2 below show the impacts of the modification being requested at MP 915. The third and fourth columns of Table 2.1 provide environmental data on the applicable portion of the PUC Designated Route and the requested modification. As shown on the tables below, this modification reduces impacts on surveyed wetlands by 1.08 acres, increases impacts on forested lands by 0.42 acre, and would not be co-located with the existing right-of-way. The modification is consistent with Enbridge’s coordination with USFWS and reduces impacts to one of that agency’s conservation easements. Enbridge has acquired all required land rights for this modification.

Table 2.1
Analysis of Route Modification No. 2 (Milepost 915)
for the Line 3 Replacement Project

Resource/Category	Units	PUC Designated Route	Requested Modification
Total Length	Feet	3,419	3,736
Length Parallel to Existing Rights-of-Way	Feet	3,419	1,371
Roads Crossed	Number	0	0
Parcels Crossed	Number	3	3
Residences within 300 feet of the Pipeline Route	Number	0	0
Total Impacts on Surveyed Wetlands	Acres	2.62	1.54
Land Use			
Forested Land Crossed	Acres	7.82	8.24
Agricultural Land Crossed	Acres	0.00	0.00
Developed Land Crossed	Acres	0.00	0.00
Wetlands Crossed ^a	Acres	0.00	0.00
Open Land Crossed	Acres	0.00	0.00

^a Wetland acres presented here were developed using GAP land cover data (*see Attachment A*). This data should be used for land use data comparison purposes only. Actual wetland impacts based on survey data are presented in the “Total Impacts on Surveyed Wetlands” row, above.

Table 2.2	
Route Comparison of Route Modification No. 2 (Milepost 915)	
Human settlement, existence and density of populated areas, existing and planned future land use, and management plans	The requested modification would have no additional impact on these features because the parcels crossed are of similar nature to those previously impacted and no new structures are impacted by the modification. This modification is requested as a result of further landowner coordination.
Natural environment, public and designated lands, including but not limited to natural areas, wildlife habitat, water, and recreational lands	Although the requested modification continues to cross one USFWS conservation easement, the modification was designed in consultation with the USFWS to minimize impacts.
Lands of historical, archaeological, and cultural significance	Based on Enbridge’s survey and the TCR Survey, no lands of historical, archeological, or cultural significance would be impacted by construction along the requested modification.
Economies within the route, including agricultural, commercial or industrial, forestry, recreational, and mining operations	The requested modification would have no additional impact on these features.
Pipeline cost and accessibility	This modification will increase pipeline cost slightly because of the increased length of the requested modification when compared to the PUC Designated Route.
Use of existing rights-of-way and right-of-way sharing or paralleling	The requested modification would reduce the amount of right-of-way sharing by approximately 2,048 feet, as it diverges from the Minnesota Pipe Line right-of-way to avoid the landowner tract where a voluntary easement could not be obtained and minimize impacts to USFWS interests
Natural resources and features	The requested modification would reduce impacts on surveyed wetlands by 1.08 acres but would increase impacts on forested lands by 0.42 acre but are not substantial enough to have the potential to significantly impact these resources.
Extent to which human or environmental effects are subject to mitigation by regulatory control and permit conditions	Any change in impacts on regulated features would be reflected in permits issued for the Project. No new permits are required due to this modification.

Table 2.2	
Route Comparison of Route Modification No. 2 (Milepost 915)	
Cumulative potential effects of related or anticipated future pipeline construction	The requested modification would not result in a significant change in potential cumulative effects because the overall length and acreage of impact is insignificant relative to the scale of the whole Project.
Relevant applicable policies, rules, and regulations of other state and federal and local government land use laws	The route modification reflects an informal agreement between Enbridge and USFWS and will reduce impacts of the Project in USFWS easement wetlands on these parcels.

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MODIFICATION NO. 3
MP 925

Modification No. 3 – Milepost 925

Enbridge requests permission for workspace outside the PUC Designated Route near MP 925 in Clearwater County, Minnesota.

A. Description of Proposed Route Modification

As seen on the enclosed revised Map 148, Enbridge seeks a modification to the PUC Designated Route near MP 925 in Nora Township, Clearwater County. The requested modification consists of approximately 7,011 square feet outside of the PUC Designated Route.

B. Reason for Proposed Route Modification

This modification is requested to allow for the installation of cathodic ground bed at this location. Cathodic protection systems are installed to mitigate the threat of external corrosion on pipelines. Although the requested modification is outside the PUC Designated Route as described above, Enbridge's additional design and engineering work has indicated that this area will be required for the installation of the cathodic ground bed at this location.

C. Analysis of Potential Human and Environmental Impacts

Tables 3.1 and 3.2 below show the impacts of the modification being requested at MP 925. The third column of Table 3.1 provides specific data on the area of the requested modification that is outside the PUC Designated Route. This modification impacts one parcel that is already crossed by the PUC Designated Route. Enbridge anticipates that no additional private land rights will be required, as this modification will impact county road right-of-way. As shown on the tables below and related maps, this modification does not result in significant impacts because it is in a cleared area that is adjacent to a roadway.

Table 3.1 Analysis of Route Modification No. 3 (Milepost 925) for the Line 3 Replacement Project		
Resource/Category	Units	Requested Modification Outside PUC Designated Route
Total Area	Square Feet	7,011
Length Parallel to Existing Rights-of-Way	Feet	N/A
Roads Crossed	Number	0
Parcels Crossed	Number	1
Residences within 300 feet of the Pipeline Route	Number	0
Total Impacts on Surveyed Wetlands	Acres	0.00
Land Use		
Forested Land Crossed	Acres	0.13
Agricultural Land Crossed	Acres	0.00
Developed Land Crossed	Acres	0.03
Wetlands Crossed ^a	Acres	0.00
Open Land Crossed	Acres	0.00
^a Wetland acres presented here were developed using GAP land cover data (<i>see Attachment A</i>). This data should be used for land use data comparison purposes only. Actual wetland impacts based on survey data are presented in the “Total Impacts on Surveyed Wetlands” row, above.		

Table 3.2	
Route Comparison of Route Modification No. 3 (Milepost 925)	
Human settlement, existence and density of populated areas, existing and planned future land use, and management plans	The requested modification would have no additional impact on these features because it is located on a parcel already crossed by the PUC Designated Route and the workspace is contained within the road right-of-way.
Natural environment, public and designated lands, including but not limited to natural areas, wildlife habitat, water, and recreational lands	The requested modification would have no additional impact on these features because it is located within a road right-of-way.
Lands of historical, archaeological, and cultural significance	Based on Enbridge’s survey and the TCR Survey, no lands of historical, archeological, or cultural significance would be impacted by construction along the requested modification.
Economies within the route, including agricultural, commercial or industrial, forestry, recreational, and mining operations	The requested modification would have no additional impact on these features.
Pipeline cost and accessibility	Pipeline cost and accessibility will be similar to that of the PUC Designated Route.
Use of existing rights-of-way and right-of-way sharing or paralleling	The requested modification is adjacent to existing roadway.
Natural resources and features	A Geographic Information System (“GIS”) analysis suggests that the requested modification would increase impacts on the forested area land use type by 0.13 acre, however visual imagery shows that the workspace is located within an existing cleared area.
Extent to which human or environmental effects are subject to mitigation by regulatory control and permit conditions	Any change in impacts on regulated features would be reflected in permits issued for the Project. No new permits are required for this modification.
Cumulative potential effects of related or anticipated future pipeline construction	The requested modification would not result in a significant change in potential cumulative effects because the overall length and acreage of impact is insignificant relative to the scale of the whole Project.
Relevant applicable policies, rules, and regulations of other state and federal and local government land use laws	The same policies, rules, and regulations of other state, federal and local land use laws would apply to the requested modification and the PUC Designated Route.

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MODIFICATION NO. 4
MP 927

Modification No. 4 – Milepost 927

Enbridge requests a route modification outside the PUC Designated Route near MP 927 in Clearwater County, Minnesota.

A. Description of Proposed Route Modification

As seen on the enclosed revised Maps 151 and 152, Enbridge seeks a route modification outside the PUC Designated Route near MP 927 in Nora and Moose Creek Townships, Clearwater County, Minnesota. The requested modification is approximately 7,081 feet in length.

B. Reason for Proposed Route Modification

This modification is requested to reduce impacts to wetlands protected by USFWS conservation easements on the portion of the PUC Designated Route that was formerly RSA-05. Based on Enbridge's further design and engineering work, as many as 10-12 protected wetlands would have been impacted by the original route of RSA-05. Although the requested modification is outside the PUC Designated Route as described above, it moves the pipeline off USFWS easement wetlands, and Enbridge has coordinated with USFWS on conservation measures to further reduce impacts. See April 10, 2018 letter included as Attachment B.

C. Analysis of Potential Human and Environmental Impacts

Tables 4.1 and 4.2 below show the impacts of the modification being requested at MP 927. The third and fourth columns of Table 4.1 provide environmental data on the applicable portion of the PUC Designated Route and the requested modification. As shown on the tables below, this modification would reduce impacts on surveyed wetlands and forested lands by 0.73 acre and 1.30 acres, respectively. It would reduce collocation and would increase impacts on agricultural land by 2.5 acres. The requested modification supported the route presented by Enbridge to the USFWS regarding impacts on this conservation easement and would address a commitment Enbridge made to USFWS. Enbridge has obtained all land rights needed for this modification.

Table 4.1			
Analysis of Route Modification No. 4 (Milepost 927)			
for the Line 3 Replacement Project			
Resource/Category	Units	PUC Designated Route	Requested Modification
Total Length	Feet	6,766	7,081
Length Parallel to Existing Rights-of-Way	Feet	6,766	4,348
Roads Crossed	Number	2	1
Parcels Crossed	Number	5	5
Residences within 300 feet of the Pipeline Route	Number	0	0
Total Impacts on Surveyed Wetlands	Acres	4.48	3.75
Land Use			
Forested Land Crossed	Acres	9.88	8.58
Agricultural Land Crossed	Acres	6.58	9.13
Developed Land Crossed	Acres	0.46	0.1
Wetlands Crossed ^a	Acres	0.00	0.00
Open Land Crossed	Acres	0.00	0.00
^a Wetland acres presented here were developed using GAP land cover data (<i>see Attachment A</i>). This data should be used for land use data comparison purposes only. Actual wetland impacts based on survey data are presented in the “Total Impacts on Surveyed Wetlands” row, above.			

Table 4.2	
Route Comparison of Route Modification No. 4 (Milepost 927)	
Human settlement, existence and density of populated areas, existing and planned future land use, and management plans	The requested modification would not have any additional impact on human settlement. The requested modification would be near an uninhabited property with a fenced pasture and small shed.
Natural environment, public and designated lands, including but not limited to natural areas, wildlife habitat, water, and recreational lands	The requested modification would minimize impacts on protected wetlands located within a USFWS conservation easement.
Lands of historical, archaeological, and cultural significance	Based on Enbridge’s survey and the TCR Survey, no lands of historical, archeological, or cultural significance would be impacted by construction along the requested modification.
Economies within the route, including agricultural, commercial or industrial, forestry, recreational, and mining operations	The modification would result in an increased impact on agricultural land of about 2.5 acres. These types of impacts were previously contemplated in the PUC permitting process and do not have the potential to significantly impact these resources.
Pipeline cost and accessibility	This modification will increase pipeline cost slightly because of the increased length of the requested modification when compared to the PUC Designated Route.
Use of existing rights-of-way and right-of-way sharing or paralleling	The requested modification would reduce the amount of right-of-way sharing or paralleling by approximately 2,418 feet to avoid the USFWS easement.
Natural resources and features	The requested modification would reduce impacts on surveyed wetlands and forested lands by 0.73 acre and 1.30 acres, respectively.
Extent to which human or environmental effects are subject to mitigation by regulatory control and permit conditions	Any change in impacts on regulated features would be reflected in permits issued for the Project. No new permits are required due to this modification.
Cumulative potential effects of related or anticipated future pipeline construction	The requested modification would not result in a significant change in potential cumulative effects because the overall mileage or acreage of impact is insignificant relative to the scale of the whole Project.

Table 4.2 Route Comparison of Route Modification No. 4 (Milepost 927)	
Relevant applicable policies, rules, and regulations of other state and federal and local government land use laws	The route modification would support a pipeline route consistent with Enbridge's commitment to the USFWS regarding impacts to conservation easements.

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MODIFICATION NO. 5
MP 931

Modification No. 5 – Milepost 931

Enbridge requests a route modification outside the PUC Designated Route near MP 931 in Clearwater County, Minnesota.

A. Description of Proposed Route Modification

As seen in the enclosed revised Maps 155 and 156, Enbridge seeks a route modification outside the PUC Designated Route near MP 931 and 932 in Moose Creek Township, Clearwater County, to accommodate a landowner request. The requested modification is approximately 4,918 feet in length.

B. Reason for Proposed Route Modification

This modification arises from the landowner's request to move the pipeline to the westerly edge of these tracts and adjacent to the boundary of the property to minimize impacts to farming activities.

C. Analysis of Potential Human and Environmental Impact

Tables 5.1 and 5.2 below show the impacts of the modification being requested at MP 931. The third and fourth columns of Table 5.1 provide environmental data on the applicable portion of the PUC Designated Route and the requested modification. As shown on the tables below, this modification would reduce impacts on agricultural lands by 0.17 acre, increase impacts on surveyed wetlands by 0.44 acre, and reduce impacts on forested land by 1.07 acres. All parcels impacted by this modification were previously impacted by the PUC Designated Route, and Enbridge has acquired all land rights needed for this modification.

Table 5.1			
Analysis of Route Modification No. 5 (Milepost 931)			
for the Line 3 Replacement Project			
Resource/Category	Units	PUC Designated Route	Requested Modification
Total Length	Feet	5,278	4,918
Length Parallel to Existing Rights-of-Way	Feet	500	500
Roads Crossed	Number	1	1
Parcels Crossed	Number	4	4
Residences within 300 feet of the Pipeline Route	Number	0	0
Total Impacts on Surveyed Wetlands	Acres	0.76	1.20
Land Use			
Forested Land Crossed	Acres	6.37	5.30
Agricultural Land Crossed	Acres	7.81	7.64
Developed Land Crossed	Acres	0.30	0.28
Wetlands Crossed ^a	Acres	0.00	0.00
Open Land Crossed	Acres	0.00	0.00
^a Wetland acres presented here were developed using GAP land cover data (<i>see Attachment A</i>). This data should be used for land use data comparison purposes only. Actual wetland impacts based on survey data are presented in the “Total Impacts on Surveyed Wetlands” row, above.			

Table 5.2	
Route Comparison of Route Modification No. 5 (Milepost 931)	
Human settlement, existence and density of populated areas, existing and planned future land use, and management plans	The requested modification would have no additional impact on these features; however, it would address a landowner request.
Natural environment, public and designated lands, including but not limited to natural areas, wildlife habitat, water, and recreational lands	The requested modification will cross an Unnamed Stream also designated as a PWI watercourse. The PUC Designated Route would also cross this stream in a different location. The requested modification would have no additional impact on these features.
Lands of historical, archaeological, and cultural significance	Based on Enbridge’s survey and the TCR Survey, no lands of historical, archeological, or cultural significance would be impacted by construction along the requested modification.
Economies within the route, including agricultural, commercial or industrial, forestry, recreational, and mining operations	The requested modification would reduce impacts on agricultural lands by 0.17 acre.
Pipeline cost and accessibility	This modification will increase pipeline cost slightly because of the increased length of the requested modification when compared to the PUC Designated Route.
Use of existing rights-of-way and right-of-way sharing or paralleling	The requested modification would have no additional impact on these features.
Natural resources and features	The requested modification would increase impacts on surveyed wetlands by 0.44 acre and reduce impacts on forested land by 1.07 acres. These types of impacts were previously contemplated in the PUC permitting process and do not have the potential to significantly impact these resources.
Extent to which human or environmental effects are subject to mitigation by regulatory control and permit conditions	Any change in impacts on regulated features would be reflected in permits issued for the Project. No new permits are required due to this modification.
Cumulative potential effects of related or anticipated future pipeline construction	The requested modification would not result in a significant change in potential cumulative effects because the overall mileage or acreage of impact is insignificant relative to the scale of the whole Project.

Table 5.2 Route Comparison of Route Modification No. 5 (Milepost 931)	
Relevant applicable policies, rules, and regulations of other state and federal and local government land use laws	The same policies, rules, and regulations of other state, federal and local land use laws would apply to the requested modification and the PUC Designated Route.

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Route Permit Amendment Request
MPUC Docket No. PL-9/PPL-15-137

MODIFICATION NO. 6
MP 994

Modification No. 6 – Milepost 994

Enbridge requests a route modification for workspace outside the PUC Designated Route near MP 994 in Wadena County, Minnesota.

A. Description of Proposed Route Modification

As seen in the enclosed revised Map 241, Enbridge seeks a route modification outside the PUC Designated Route near MP 994 in Huntersville Township, Wadena County. The requested modification would result in approximately 3,073 square feet outside the PUC Designated Route.

B. Reason for Proposed Route Modification

This modification is the result of a shift in the centerline alignment to a location where Enbridge has acquired land rights on a parcel owned by Lessard-Sams Outdoor Heritage Council and administered by the MDNR. The alignment shift caused the temporary workspace and permanent right-of-way to shift slightly outside of the PUC Designated Route.

C. Analysis of Potential Human and Environmental Impacts

Tables 6.1 and 6.2 below show the impacts of the modification being requested at MP 994. The third column of Table 6.1 provides specific data on the area of the requested modification that is outside the PUC Designated Route. The modification is located on land administered by the MDNR and was included in Enbridge's 2018 application to the MDNR for a License to Cross Public Lands. The 2018 application was updated and resubmitted to MDNR on December 20, 2019.

Table 6.1		
Analysis of Route Modification No. 6 (Milepost 994)		
for the Line 3 Replacement Project		
Resource/Category	Units	Requested Modification Outside PUC Designated Route
Total Area	Square Feet	3,073
Length Parallel to Existing Rights-of-Way	Feet	*N/A
Roads Crossed	Number	0
Parcels Crossed	Number	1
Residences within 300 feet of the Pipeline Route	Number	0
Total Impacts on Surveyed Wetlands	Acres	0.00
Land Use		
Forested Land Crossed	Acres	0.07
Agricultural Land Crossed	Acres	0.00
Developed Land Crossed	Acres	0.00
Wetlands Crossed ^a	Acres	0.00
Open Land Crossed	Acres	0.00
^a Wetland acres presented here were developed using GAP land cover data (<i>see Attachment A</i>). This data should be used for land use data comparison purposes only. Actual wetland impacts based on survey data are presented in the “Total Impacts on Surveyed Wetlands” row, above. * Workspace only		

Table 6.2 Route Comparison of Route Modification No. 6 (Milepost 994)	
Human settlement, existence and density of populated areas, existing and planned future land use, and management plans	The requested modification would have no additional impact on these features because the modification results in only a slight shift of the impacts on a parcel previously impacted by the PUC Designated Route.
Natural environment, public and designated lands, including but not limited to natural areas, wildlife habitat, water, and recreational lands	The requested modification would increase impacts on MDNR-administered lands within the Huntersville State Forest by 0.07 acre. This modification was included in Enbridge’s 2018 application to the MDNR for a License to Cross Public Lands, which was updated in December 2019.
Lands of historical, archaeological, and cultural significance	Based on Enbridge’s survey and the TCR Survey, no lands of historical, archeological, or cultural significance would be impacted by construction along the requested modification.
Economies within the route, including agricultural, commercial or industrial, forestry, recreational, and mining operations	The requested modification would increase impacts on forested land within the Huntersville State Forest by 0.07 acre. This impact would be temporary, and vegetation would be allowed to reestablish within the workspace.
Pipeline cost and accessibility	Pipeline cost and accessibility will be similar to that of the PUC Designated Route.
Use of existing rights-of-way and right-of-way sharing or paralleling	The requested modification is for temporary workspace only. At this location, the pipeline does not share and parallel an existing third-party right-of-way.
Natural resources and features	The requested modification would increase impacts on forested lands by 0.07 acre. These types of impacts were previously contemplated in the PUC permitting process and do not have the potential to significantly impact these resources.
Extent to which human or environmental effects are subject to mitigation by regulatory control and permit conditions	Any change in impacts on regulated features would be reflected in permits issued for the Project. No new permits are required due to this modification.

Table 6.2	
Route Comparison of Route Modification No. 6 (Milepost 994)	
Cumulative potential effects of related or anticipated future pipeline construction	The requested modification would not result in a significant change in potential cumulative effects because the overall length and acreage of impact is insignificant relative to the scale of the whole Project.
Relevant applicable policies, rules, and regulations of other state and federal and local government land use laws	The same policies, rules, and regulations of other state, federal and local land use laws would apply to the requested modification and the PUC Designated Route.

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Route Permit Amendment Request
MPUC Docket No. PL-9/PPL-15-137

MODIFICATION NO. 7
MP 1019

Modification No. 7 – Milepost 1019

Enbridge requests permission for workspace outside the PUC Designated Route near MP 1019 in Cass County, Minnesota.

A. Description of Proposed Route Modification

As seen on the enclosed revised Map 266, Enbridge seeks a modification to the PUC Designated Route near MP 1018 to 1019 in Barclay Township, Cass County. The requested modification consists of approximately 2,930 square feet outside of the PUC Designated Route on property that is owned by Enbridge.

B. Reason for Proposed Route Modification

This modification is requested to accommodate a landowner request that the cathodic protection ground bed be relocated from the landowner's property onto Enbridge-owned property. Although the requested modification is outside the PUC Designated Route as described above, Enbridge's additional design and engineering work in response to the landowner request has indicated that this area will be required for the installation of the cathodic ground bed at this location.

C. Analysis of Potential Human and Environmental Impacts

Tables 7.1 and 7.2 below show the impacts of the modification being requested at MP 1019. The third column of Table 7.1 provides specific data on the area of the requested modification that is outside the PUC Designated Route. As shown on the tables below, this modification would not result in significant impacts because it is proposed within a cleared area along a roadway and is on a parcel owned by Enbridge.

Table 7.1 Analysis of Route Modification No. 7 (Milepost 1019) for the Line 3 Replacement Project		
Resource/Category	Units	Requested Modification Outside PUC Designated Route
Total Area	Square Feet	2,930
Length Parallel to Existing Rights-of-Way	Feet	N/A
Roads Crossed	Number	0
Parcels Crossed	Number	1
Residences within 300 feet of the Pipeline Route	Number	0
Total Impacts on Surveyed Wetlands	Acres	0.00
Land Use		
Forested Land Crossed	Acres	0.00
Agricultural Land Crossed	Acres	0.07
Developed Land Crossed	Acres	0.00
Wetlands Crossed ^a	Acres	0.00
Open Land Crossed	Acres	0.00
^a Wetland acres presented here were developed using GAP land cover data (<i>see Attachment A</i>). This data should be used for land use data comparison purposes only. Actual wetland impacts based on survey data are presented in the “Total Impacts on Surveyed Wetlands” row, above.		

Table 7.2 Route Comparison of Route Modification No. 7 (Milepost 1019)	
Human settlement, existence and density of populated areas, existing and planned future land use, and management plans	The requested modification would have no additional impact on these features because the modification shifts impacts to existing road right-of-way on property owned by Enbridge.
Natural environment, public and designated lands, including but not limited to natural areas, wildlife habitat, water, and recreational lands	The requested modification would have no additional impact on these features because the modification is located within an existing road right-of-way.
Lands of historical, archaeological, and cultural significance	Based on Enbridge's survey and the TCR Survey, no lands of historical, archeological, or cultural significance would be impacted by construction along the requested modification.
Economies within the route, including agricultural, commercial or industrial, forestry, recreational, and mining operations	The requested modification would increase impacts on agricultural lands by 0.07 acre. These types of impacts were previously contemplated in the PUC permitting process and do not have the potential to significantly impact these resources.
Pipeline cost and accessibility	Pipeline cost and accessibility will be similar to that of the PUC Designated Route.
Use of existing rights-of-way and right-of-way sharing or paralleling	The requested modification is adjacent to an existing roadway.
Natural resources and features	The requested modification would have no additional impact on these features.
Extent to which human or environmental effects are subject to mitigation by regulatory control and permit conditions	Any change in impacts on regulated features would be reflected in permits issued for the Project. No new permits are required due to this modification.
Cumulative potential effects of related or anticipated future pipeline construction	The requested modification would not result in a significant change in potential cumulative effects because the overall length and acreage of impact is insignificant relative to the scale of the whole Project.
Relevant applicable policies, rules, and regulations of other state and federal and local government land use laws	The same policies, rules, and regulations of other state, federal and local land use laws would apply to the requested modification and the PUC Designated Route.

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MODIFICATION NO. 8
MP 1054

Modification No. 8 – Milepost 1054

Enbridge requests a route modification outside the PUC Designated Route near MP 1054 in Aitkin County, Minnesota.

A. Description of Proposed Route Modification

As seen in the enclosed revised Map 302, Enbridge seeks a route modification outside the PUC Designated Route near MP 1054 in Macville Township, Aitkin County, for facilities associated with the proposed Swatara Pump Station along the portion of the PUC Designated Route previously known as RSA-22.

B. Reason for Proposed Route Modification

This modification is requested to site facilities associated with the pump station along the portion of the PUC Designated Route formerly known as RSA-22. Enbridge selected this location along this portion of the route after additional design, engineering, environmental, and landowner consultation.

C. Analysis of Potential Human and Environmental Impacts

Tables 8.1 and 8.2 below show the impacts of the modification being requested at MP 1054. The third column of Table 8.1 provides specific data on the area of the requested modification that is outside the PUC Designated Route. As shown on the tables below, this modification would result in impacts on 1.54 acres of agricultural lands, 3.93 acres of surveyed wetlands and 8.78 acres of forested lands. It would impact an archaeological resource survey site that is proposed as not eligible for the National Register of Historic Places (“NRHP”), with a recommended action of no further investigation or avoidance needed. Enbridge proposes to locate the pump station within an existing gravel pit on the property, adjacent to the PUC Designated Route. Enbridge has a purchase agreement to acquire this property; although there is one existing residence, it will be demolished after Enbridge purchases the property. This location for the modification minimizes environmental impacts by reducing clearing of forested land and optimizes the site from an engineering standpoint by reducing earthwork and placing the foundations on competent soils.

Table 8.1		
Analysis of Route Modification No. 8 (Milepost 1054)		
for the Line 3 Replacement Project		
Resource/Category	Units	Requested Modification Outside PUC Designated Route
Total Area	Square Feet	745,530
Length Parallel to Existing Rights-of-Way	Feet	*N/A
Roads Crossed	Number	1
Parcels Crossed	Number	5
Residences within 300 feet of the Pipeline Route	Number	1
Total Impacts on Surveyed Wetlands	Acres	3.93
Land Use		
Forested Land Crossed	Acres	8.78
Agricultural Land Crossed	Acres	1.54
Developed Land Crossed	Acres	0.00
Wetlands Crossed ^a	Acres	0.00
Open Land Crossed	Acres	0.00
^a Wetland acres presented here were developed using GAP land cover data (<i>see Attachment A</i>). This data should be used for land use data comparison purposes only. Actual wetland impacts based on survey data are presented in the “Total Impacts on Surveyed Wetlands” row, above. * Workspace only		

Table 8.2	
Route Comparison of Route Modification No. 8 (Milepost 1054)	
Human settlement, existence and density of populated areas, existing and planned future land use, and management plans	One home is located within 300 feet of the proposed workspace for the Swatara Pump Station. The owner of the home sold the property to Enbridge.
Natural environment, public and designated lands, including but not limited to natural areas, wildlife habitat, water, and recreational lands	The requested modification would be partially located within the MDNR Site of Biological Significance (“SOBS”) site of moderate diversity (5.86 acres). These types of impacts were previously contemplated in the PUC permitting process and do not have the potential to significantly impact these resources.
Lands of historical, archaeological, and cultural significance	Enbridge’s archaeological survey documented one site within the modification. Based on coordination to date, Enbridge does not expect the USACE or MN State Historic Preservation Office (“SHPO”) to disagree with Enbridge’s recommendation that this site is not eligible for inclusion in the NRHP. Accordingly, based on Enbridge’s survey and the TCR Survey, no lands of historical, archeological, or cultural significance would be impacted by construction along the requested modification.
Economies within the route, including agricultural, commercial or industrial, forestry, recreational, and mining operations	The requested modification would result in impacts on 1.54 acres of agricultural lands. A portion of the land within the modification is located on a private sand/gravel pit which is not currently in use. These types of impacts were previously contemplated in the PUC permitting process and do not have the potential to significantly impact these resources.
Pipeline cost and accessibility	Pipeline cost and accessibility will be similar to that of the PUC Designated Route.
Use of existing rights-of-way and right-of-way sharing or paralleling	The requested modification is for temporary and permanent workspace needed to construct the pump station. The pipeline would continue to share and parallel an existing third-party right-of-way.

Table 8.2	
Route Comparison of Route Modification No. 8 (Milepost 1054)	
Natural resources and features	The requested modification would result in impacts on surveyed wetlands and forested lands of 3.93 and 8.78 acres, respectively. These types of impacts were previously contemplated in the PUC permitting process and do not have the potential to significantly impact these resources.
Extent to which human or environmental effects are subject to mitigation by regulatory control and permit conditions	Any change in impacts on regulated features would be reflected in permits issued for the Project. No new permits are required due to this modification.
Cumulative potential effects of related or anticipated future pipeline construction	There will be a short (approximately 1,250 feet) transmission line associated with the Swatara Pump Station. Because a transmission line would also have been needed were the pump station in a different location, these types of impacts were already contemplated during the PUC permitting process. The requested modification would not result in a significant change in potential cumulative effects because the overall length and acreage of impact is insignificant relative to the scale of the whole Project.
Relevant applicable policies, rules, and regulations of other state and federal and local government land use laws	The same policies, rules, and regulations of other state, federal and local land use laws would apply to the requested modification and the PUC Designated Route.

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MODIFICATION NO. 9
MP 1062

Modification No. 9 – Milepost 1062

Enbridge requests permission for workspace outside the PUC Designated Route near MP 1062 in Aitkin County, Minnesota.

A. Description of Proposed Route Modification

As seen on the enclosed revised Maps 309 and 310, Enbridge seeks a modification to the PUC Designated Route near MP 1061 to 1062 in northwest Aitkin Township, Aitkin County. The requested modification consists of approximately 9,570 square feet outside of the PUC Designated Route.

B. Reason for Proposed Route Modification

This modification is requested to allow for the installation of cathodic ground bed at this location. Cathodic protection systems are installed to mitigate the threat of external corrosion on pipelines. Although the requested modification is outside the PUC Designated Route as described above, Enbridge's additional design and engineering work has indicated that this area will be required for the installation of the cathodic ground bed at this location because of the length of the ground bed.

C. Analysis of Potential Human and Environmental Impacts

Tables 9.1 and 9.2 below show the impacts of the modification being requested at MP 1062. The third column of Table 9.1 provides specific data on the area of the requested modification that is outside the PUC Designated Route. The parcel impacted by this modification was already crossed by the PUC Designated Route, and Enbridge has acquired all land rights needed for this modification. As shown on the tables below, this modification is located in a previously cleared area and thus does not result in significant impacts.

Table 9.1 Analysis of Route Modification No. 9 (Milepost 1062) for the Line 3 Replacement Project		
Resource/Category	Units	Requested Modification Outside PUC Designated Route
Total Area	Square Feet	9,570
Length Parallel to Existing Rights-of-Way	Feet	N/A
Roads Crossed	Number	0
Parcels Crossed	Number	1
Residences within 300 feet of the Pipeline Route	Number	0
Total Impacts on Surveyed Wetlands	Acres	0.00
Land Use		
Forested Land Crossed	Acres	0.05
Agricultural Land Crossed	Acres	0.10
Developed Land Crossed	Acres	0.08
Wetlands Crossed ^a	Acres	0.00
Open Land Crossed	Acres	0.00
^a Wetland acres presented here were developed using GAP land cover data (<i>see Attachment A</i>). This data should be used for land use data comparison purposes only. Actual wetland impacts based on survey data are presented in the “Total Impacts on Surveyed Wetlands” row, above.		

Table 9.2 Route Comparison of Route Modification No. 9 (Milepost 1062)	
Human settlement, existence and density of populated areas, existing and planned future land use, and management plans	The requested modification would have no additional impact on these features because the parcel was previously crossed by the PUC Designated Route and no new structures would be impacted by the modification.
Natural environment, public and designated lands, including but not limited to natural areas, wildlife habitat, water, and recreational lands	The requested modification would result in 0.22 acre of additional impact on a MDNR SOBS site of moderate diversity which is already crossed by the PUC Designated Route. The requested modification would also increase impacts on private lands located within the boundaries of the Hill River State Forest by 0.22 acre. These types of impacts were previously contemplated in the PUC permitting process and do not have the potential to significantly impact these resources.
Lands of historical, archaeological, and cultural significance	Based on Enbridge's survey and the TCR Survey, no lands of historical, archeological, or cultural significance would be impacted by construction along the requested modification.
Economies within the route, including agricultural, commercial or industrial, forestry, recreational, and mining operations	The requested modification would increase impacts on agricultural lands by 0.10 acre. These types of impacts were previously contemplated in the PUC permitting process and do not have the potential to significantly impact these resources.
Pipeline cost and accessibility	Pipeline cost and accessibility will be similar to that of the PUC Designated Route.
Use of existing rights-of-way and right-of-way sharing or paralleling	The requested modification is for permanent workspace only. The pipeline would continue to share and parallel an existing third-party right-of-way.
Natural resources and features	The requested modification would increase impacts on forested lands by 0.05 acre, although visual imagery indicates that the land is partially cleared and actual impacts may be less than indicated by the GIS analysis.

Table 9.2 Route Comparison of Route Modification No. 9 (Milepost 1062)	
Extent to which human or environmental effects are subject to mitigation by regulatory control and permit conditions	Any change in impacts on regulated features would be reflected in permits issued for the Project. No new permits are required due to this modification.
Cumulative potential effects of related or anticipated future pipeline construction	The requested modification would not result in a significant change in potential cumulative effects because the overall length and acreage of impact is insignificant relative to the scale of the whole Project.
Relevant applicable policies, rules, and regulations of other state and federal and local government land use laws	The same policies, rules, and regulations of other state, federal and local land use laws would apply to the requested modification and the PUC Designated Route.

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MODIFICATION NO. 10
MP 1073

Modification No. 10 – Milepost 1073

Enbridge requests a route modification outside the PUC Designated Route near MP 1073 in Aitkin County, Minnesota.

A. Description of Proposed Route Modification

As seen in the enclosed revised Map 321, Enbridge seeks a route modification outside the PUC Designated Route near MP 1073 and 1074 in Cornish Township, Aitkin County. The requested modification is approximately 4,377 feet in length.

B. Reason for Proposed Route Modification

This modification is requested to avoid a large, heavily saturated area that presents significant constructability concerns. Enbridge conducted additional design, engineering, environmental, and landowner consultation and determined that the proposed modification would avoid a large surveyed wetland and would not present the same constructability concerns.

C. Analysis of Potential Human and Environmental Impacts

Tables 10.1 and 10.2 below show the impacts of the modification being requested at MP 1073. The third and fourth columns of Table 10.1 provide environmental data on the applicable portion of the PUC Designated Route and the requested modification. As shown on the tables below, this modification would reduce impacts on surveyed wetlands by 3.52 acres and increase impacts on forested lands by 0.15 acre, but it would deviate from an existing utility corridor. The requested modification also would avoid impacts to state-listed plants identified during field survey. This modification would impact parcels owned by Aitkin County, and Enbridge has the land rights needed for this modification.

Table 10.1			
Analysis of Route Modification No. 10 (Milepost 1073)			
for the Line 3 Replacement Project			
Resource/Category	Units	PUC Designated Route	Requested Modification
Total Length	Feet	4,181	4,377
Length Parallel to Existing Rights-of-Way	Feet	4,181	457
Roads Crossed	Number	0	0
Parcels Crossed	Number	2	2
Residences within 300 feet of the Pipeline Route	Number	0	0
Total Impacts on Surveyed Wetlands ^a	Acres	5.35	1.83
Land Use			
Forested Land Crossed	Acres	10.99	11.14
Agricultural Land Crossed	Acres	0.00	0.00
Developed Land Crossed	Acres	0.00	0.00
Wetlands Crossed ^a	Acres	0.00	0.00
Open Land Crossed	Acres	0.00	0.00
^a Wetland acres presented here were developed using GAP land cover data (<i>see Attachment A</i>). This data should be used for land use data comparison purposes only. Actual wetland impacts based on survey data are presented in the “Total Impacts on Surveyed Wetlands” row, above.			

Table 10.2 Route Comparison of Route Modification No. 10 (Milepost 1073)	
Human settlement, existence and density of populated areas, existing and planned future land use, and management plans	The requested modification would have no additional impact on these features because it is located on county-owned land and does not have any structures.
Natural environment, public and designated lands, including but not limited to natural areas, wildlife habitat, water, and recreational lands	The requested modification would result in 0.16 acre of additional impact within a MDNR SOBS site of high biodiversity that is already crossed by the PUC Designated Route. The requested modification would also increase impacts on county tax-forfeited lands within the Savanna State Forest by 0.16 acre. These types of impacts were previously contemplated in the PUC permitting process and do not have the potential to significantly impact these resources.
Lands of historical, archaeological, and cultural significance	Based on Enbridge’s survey and the TCR Survey, no lands of historical, archeological, or cultural significance would be impacted by construction along the requested modification.
Economies within the route, including agricultural, commercial or industrial, forestry, recreational, and mining operations	The requested modification would increase impacts on county tax-forfeited forested lands within the Savanna State Forest by 0.16 acres. These types of impacts were previously contemplated in the PUC permitting process and do not have the potential to significantly impact these resources.
Pipeline cost and accessibility	Pipeline cost and accessibility will be similar to that of the PUC Designated Route.
Use of existing rights-of-way and right-of-way sharing or paralleling	This modification would reduce the amount of right-of-way sharing or paralleling by approximately 3,724 feet to avoid a large saturated wetland area.
Natural resources and features	The requested modification would reduce impacts on surveyed wetlands by 3.52 acres and would increase impacts on forested lands by 0.15 acre. The requested modification also would avoid impacts to state-listed plants identified during field survey.
Extent to which human or environmental effects are subject to mitigation by regulatory control and permit conditions	Any change in impacts on regulated features would be reflected in permits issued for the Project. No new permits are required due to this modification.

Table 10.2	
Route Comparison of Route Modification No. 10 (Milepost 1073)	
Cumulative potential effects of related or anticipated future pipeline construction	The requested modification would not result in a significant change in potential cumulative effects because the overall length and acreage of impact is insignificant relative to the scale of the whole Project.
Relevant applicable policies, rules, and regulations of other state and federal and local government land use laws	The same policies, rules, and regulations of other state, federal and local land use laws would apply to the requested modification and the PUC Designated Route.

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MODIFICATION NO. 11
MP 1095

Modification No. 11 – Milepost 1095

Enbridge requests a route modification outside the PUC Designated Route near MP 1095 in St. Louis County, Minnesota.

A. Description of Proposed Route Modification

As seen in the enclosed revised Map 343, Enbridge seeks a route modification outside the PUC Designated Route near MP 1095 in Floodwood Township, St. Louis County. The requested modification is approximately 2,422 feet in length.

B. Reason for Proposed Route Modification

This modification is requested in response to a landowner request to move the Project's route westerly near the Gowan Pump Station location. Enbridge proposes this specific modification after consulting with affected landowners.

C. Analysis of Potential Human and Environmental Impacts

Tables 11.1 and 11.2 below show the impacts of the modification being requested at MP 1095. The third and fourth columns of Table 11.1 provide environmental data on the applicable portion of the PUC Designated Route and the requested modification. As shown on the tables below, this modification would increase impacts on agricultural lands by 0.40 acre and would increase impacts on surveyed wetlands and forested areas by 0.46 and 0.75 acre, respectively. These impacts are not anticipated to be significant when balanced against accommodating the landowner's request. All changes are within property owned by Enbridge, with the exception of a portion of the modification in the northeast corner of the map (labeled T-167-1 on the map), and that will be located in existing road right-of-way.

Table 11.1 Analysis of Route Modification No. 11 (Milepost 1095) for the Line 3 Replacement Project			
Resource/Category	Units	PUC Designated Route	Requested Modification
Total Length	Feet	2,228	2,422
Length Parallel to Existing Rights-of-Way	Feet	2,228	1,749
Roads Crossed	Number	2	1
Parcels Crossed	Number	5	9
Residences within 300 feet of the Pipeline Route	Number	0	0
Total Impacts on Surveyed Wetlands	Acres	0.16	0.62
Land Use			
Forested Land Crossed	Acres	1.17	1.92
Agricultural Land Crossed	Acres	2.92	3.32
Developed Land Crossed	Acres	0.89	0.76
Wetlands Crossed ^a	Acres	0.00	0.00
Open Land Crossed	Acres	0.00	0.00
^a Wetland acres presented here were developed using GAP land cover data (<i>see Attachment A</i>). This data should be used for land use data comparison purposes only. Actual wetland impacts based on survey data are presented in the “Total Impacts on Surveyed Wetlands” row, above.			

Table 11.2	
Route Comparison of Route Modification No. 11 (Milepost 1095)	
Human settlement, existence and density of populated areas, existing and planned future land use, and management plans	The requested modification would have no additional impact on these features; however, it would address a landowner request.
Natural environment, public and designated lands, including but not limited to natural areas, wildlife habitat, water, and recreational lands	The requested modification would have no additional impact on these features.
Lands of historical, archaeological, and cultural significance	Based on Enbridge’s survey and the TCR Survey, no lands of historical, archeological, or cultural significance would be impacted by construction along the requested modification.
Economies within the route, including agricultural, commercial or industrial, forestry, recreational, and mining operations	The requested modification would increase impacts on agricultural lands by 0.40 acre. These types of impacts were previously contemplated in the PUC permitting process and do not have the potential to significantly impact these resources.
Pipeline cost and accessibility	This modification will increase pipeline cost slightly because of the increased length of the requested modification when compared to the PUC Designated Route.
Use of existing rights-of-way and right-of-way sharing or paralleling	This modification would reduce the amount of right-of-way sharing or paralleling by approximately 479 feet to accommodate a landowner request.
Natural resources and features	The requested modification would increase impacts on surveyed wetlands and forested areas by 0.46 and 0.75 acre, respectively. These types of impacts were previously contemplated in the PUC permitting process and do not have the potential to significantly impact these resources.
Extent to which human or environmental effects are subject to mitigation by regulatory control and permit conditions	Any change in impacts on regulated features would be reflected in permits issued for the Project. No new permits are required due to this modification.
Cumulative potential effects of related or anticipated future pipeline construction	The requested modification would not result in a significant change in potential cumulative effects because the overall length and acreage of impact is insignificant relative to the scale of the whole Project.

Table 11.2	
Route Comparison of Route Modification No. 11 (Milepost 1095)	
Relevant applicable policies, rules, and regulations of other state and federal and local government land use laws	The same policies, rules, and regulations of other state, federal and local land use laws would apply to the requested modification and the PUC Designated Route.

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MODIFICATION NO. 12
MP 1117

Modification No. 12 – Milepost 1117

Enbridge requests a route modification outside the PUC Designated Route near MP 1117 in Twin Lakes Township, Carlton County.

A. Description of Proposed Route Modification

As seen on the enclosed revised Maps 366 and 367, Enbridge seeks a modification to the PUC Designated Route between MP 1117 in Twin Lakes Township, Carlton County and 1118. The requested modification is approximately 5,165 feet in length.

B. Reason for Proposed Route Modification

Enbridge requests this modification for the crossing of I-35 to allow for an optimal crossing of that interstate and to be co-located with the existing Lines 67, 13, and 4 pipelines in this area. This modification would avoid a residence and waterbody present on this segment of the PUC Designated Route.

C. Analysis of Potential Human and Environmental Impacts

Tables 12.1 and 12.2 below show the impacts of the modification being requested at MP 1117. The third and fourth columns of Table 12.1 provide environmental data on the applicable portion of the PUC Designated Route and the requested modification. As shown on the tables below, this modification would increase impacts on surveyed wetlands and forested areas by 3.00 acres. The requested modification would reduce impacts on agricultural lands by 0.87 acre. The requested modification is co-located with existing Enbridge pipelines in this area. Other than the modification's crossing of the MDNR-administered Willard Munger State Trail (which is also crossed by the PUC Designated Route), Enbridge has acquired all land rights needed for this modification. The Willard Munger Trail crossing was included in Enbridge's 2018 application for a License to Cross Public Lands, which was updated and resubmitted to the MDNR on December 20, 2019.

Table 12.1			
Analysis of Route Modification No. 12 (Milepost 1117)			
for the Line 3 Replacement Project			
Resource/Category	Units	PUC Designated Route	Requested Modification
Total Length	Feet	4,488	5,165
Length Parallel to Existing Rights-of-Way	Feet	4,488	5,165
Roads Crossed	Number	4	4
Parcels Crossed	Number	9	8
Residences within 300 feet of the Pipeline Route	Number	2	2
Total Impacts on Surveyed Wetlands	Acres	4.00	7.00
Land Use			
Forested Land Crossed	Acres	6.00	9.00
Agricultural Land Crossed	Acres	2.41	1.54
Developed Land Crossed	Acres	2.81	3.20
Wetlands Crossed ^a	Acres	0.00	0.00
Open Land Crossed	Acres	0.00	0.00
^a Wetland acres presented here were developed using GAP land cover data (<i>see</i> Attachment A). This data should be used for land use data comparison purposes only. Actual wetland impacts based on survey data are presented in the “Total Impacts on Surveyed Wetlands” row, above.			

Table 12.2	
Route Comparison of Route Modification No. 12 (Milepost 1117)	
Human settlement, existence and density of populated areas, existing and planned future land use, and management plans	The requested modification would have no additional impact on these features because the same number of residences is located within 300 feet of the pipeline and none of the structures are impacted.
Natural environment, public and designated lands, including but not limited to natural areas, wildlife habitat, water, and recreational lands	Both the PUC Designated Route and the proposed modification cross the Willard Munger State trail, although the crossings occur in different locations. The requested modification would result in 0.86 acre of additional impact to a MNDR SOBS site of moderate diversity. These types of impacts were previously contemplated in the PUC permitting process and do not have the potential to significantly impact these resources.
Lands of historical, archaeological, and cultural significance	Based on Enbridge’s survey and the TCR Survey, no lands of historical, archeological, or cultural significance would be impacted by construction along the requested modification.
Economies within the route, including agricultural, commercial or industrial, forestry, recreational, and mining operations	The requested modification would reduce impacts on agricultural lands by 0.87 acre.
Pipeline cost and accessibility	This modification will increase pipeline cost slightly because of the increased length of the requested modification when compared to the PUC Designated Route.
Use of existing rights-of-way and right-of-way sharing or paralleling	Both the PUC Designated Route and the requested modification parallel existing Enbridge pipelines; the requested modification parallels the rights-of-way for Enbridge’s Lines 67, 13, and 4.
Natural resources and features	The requested modification would increase impacts on surveyed wetlands and forested areas by 3.00 acres. These types of impacts were previously contemplated in the PUC permitting process and do not have the potential to significantly impact these resources.

Table 12.2	
Route Comparison of Route Modification No. 12 (Milepost 1117)	
Extent to which human or environmental effects are subject to mitigation by regulatory control and permit conditions	Any change in impacts on regulated features would be reflected in permits issued for the Project. No new permits are required due to this modification.
Cumulative potential effects of related or anticipated future pipeline construction	The requested modification would not result in a significant change in potential cumulative effects because the overall length and acreage of impact is insignificant relative to the scale of the whole Project.
Relevant applicable policies, rules, and regulations of other state and federal and local government land use laws	The same policies, rules, and regulations of other state, federal and local land use laws would apply to the requested modification and the PUC Designated Route.

Attachment A

Data Sources

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The following data sources were used to complete the analyses contained in the tables included in this filing. For the purposes of these analyses, a feature is considered crossed if it intersects with the construction workspace for the requested modification.

Table x.1 Source Table Analysis of Route Modification for the Line 3 Replacement Project		
Resource/Category ^a	Units	Source
Total Length	Feet	Measured from point where modification deviates from centerline shown in Route Permit to point where it rejoins centerline shown in Route Permit using GIS software.
Length Parallel to Existing Rights-of-Way	Feet	Enbridge civil and cadastral survey
Roads Crossed	Number	Enbridge civil and cadastral survey
Parcels Crossed	Number	Enbridge civil and cadastral survey
Residences within 300 feet of the Pipeline Route	Number	Enbridge civil and cadastral survey and aerial imagery
Total Impacts on Surveyed Wetlands	Acres	Enbridge wetland survey data
Land Use		
Forested Land Crossed	Acres	GAP Land Cover: https://www.usgs.gov/gapanalysis/land-cover-data-download?qt-science_center_objects=0#qt-science_center_objects
Agricultural Land Crossed	Acres	GAP Land Cover: https://www.usgs.gov/gapanalysis/land-cover-data-download?qt-science_center_objects=0#qt-science_center_objects
Developed Land Crossed	Acres	GAP Land Cover: https://www.usgs.gov/gapanalysis/land-cover-data-download?qt-science_center_objects=0#qt-science_center_objects
Wetlands Crossed ^b	Acres	GAP Land Cover: https://www.usgs.gov/gapanalysis/land-cover-data-download?qt-science_center_objects=0#qt-science_center_objects
Open Land Crossed	Acres	GAP Land Cover: https://www.usgs.gov/gapanalysis/land-cover-data-download?qt-science_center_objects=0#qt-science_center_objects
<p>^a For this analysis, “crossed” means the features intersects with the proposed construction workspace for the modification.</p> <p>^b Wetland acres presented here were developed using GAP land cover data. This data should be used for land use data comparison purposes only. Actual wetland impacts based on survey data are presented in the "Total Impacts on Surveyed Wetlands" row, above.</p>		

Table x.2 Route Comparison of Route Modification	
	Source
Human settlement, existence and density of populated areas, existing and planned future land use, and management plans	<ul style="list-style-type: none"> • Review of aerial imagery and presence or absence of evidence of human settlement (homes, fencing, structures) • Residences within 300 feet of the proposed pipeline route (table x.1)
Natural environment, public and designated lands, including but not limited to natural areas, wildlife habitat, water, and recreational lands	<ul style="list-style-type: none"> • Minnesota Public Waters Inventory Wetlands, Basins, and Watercourses: https://gisdata.mn.gov/dataset/water-mn-public-waters • USFWS conservation easements and wetlands: obtained through consultation and https://www.fws.gov/gis/data/CadastralDB/links_cadastral.html • Minnesota DNR State Forest Boundaries: https://gisdata.mn.gov/dataset/bdry-state-forest • Minnesota DNR Fee Surface Administered Land (forestry, wildlife, parks and trails, water access sites, and other Minnesota DNR-administered lands): https://gisdata.mn.gov/dataset/bdry-dnr-managed-areas • MCBS Sites of Biodiversity Significance: https://gisdata.mn.gov/dataset/biota-mcbs-sites-of-biodiversity • Snowmobile Trails: https://gisdata.mn.gov/dataset/trans-snowmobile-trails-mn • State Trails: https://gisdata.mn.gov/dataset/trans-state-trails-minnesota
Lands of historical, archaeological, and cultural significance	<ul style="list-style-type: none"> • Enbridge cultural resource field survey results • Tribal cultural resource field survey reports
Economies within the route, including agricultural, commercial or industrial, forestry, recreational, and mining operations	<ul style="list-style-type: none"> • GAP Land Cover – “Agricultural Land Crossed” (see table x.1) • GAP Land Cover – “Forested Land Crossed” (see table x.1) • Minnesota DNR State Forest Boundaries: https://gisdata.mn.gov/dataset/bdry-state-forest • Minnesota DNR Fee Surface Administered Land (forestry, wildlife, parks and trails, and other Minnesota DNR-administered lands) and County Tax Forfeit lands: https://gisdata.mn.gov/dataset/bdry-dnr-managed-areas • Aerial imagery for features such as gravel pits
Pipeline cost and accessibility	<ul style="list-style-type: none"> • Enbridge Construction and Engineering review of the PUC Designated Route compared to modification. Access roads, constructability concerns, waterbody avoidance, and landowner request were among the factors considered.
Use of existing rights-of-way and right-of-way sharing or paralleling	<ul style="list-style-type: none"> • Enbridge civil and cadastral survey.

Table x.2 Route Comparison of Route Modification	
Natural resources and features	<ul style="list-style-type: none"> • Enbridge surveyed wetlands (see table x.1, “Total Impacts on Surveyed Wetlands”) • GAP Land Cover – “Forested Land Crossed” (see table x.1) • Aerial imagery to verify evident land use data discrepancies • Enbridge protected flora field survey results • Minnesota Natural Heritage Information System data: Available by license only
Extent to which human or environmental effects are subject to mitigation by regulatory control and permit conditions	<ul style="list-style-type: none"> • Review of activities against current permitting efforts. No permit conditions are known at the time of survey.
Cumulative potential effects of related or anticipated future pipeline construction	<ul style="list-style-type: none"> • Length and acreage of modification, considered in relation to the total impacts of the Project
Relevant applicable policies, rules, and regulations of other state and federal and local government land use laws	<ul style="list-style-type: none"> • Review of activities against applicable regulations

69546115 v3

Attachment B

USFWS April 10, 2018 letter

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United States Department of the Interior



FISH AND WILDLIFE SERVICE
Tamarac National Wildlife Refuge
35704 County Highway 26
Rochert, Minnesota 56578-9638
Phone: 218/847-2641 Fax: 218/847-9141

April 10, 2018

Enbridge Inc.
Ms. Sara Ploetz
26 East Superior Street
Duluth, MN 55802

Dear Ms. Ploetz:

Thank you for the opportunity to review Enbridge's Line 3 pipeline replacement proposal. This project crosses three properties in Clearwater County with U.S. Fish and Wildlife Service (FWS) wetland conservation easements. FWS wetland conservation easements provide valuable habitat for migratory birds, especially waterfowl and prohibit protected wetlands from being burned, drained, filled or leveled. The subject properties are located as follows:

T.146N, R.37W, Section 12, N1/2SW1/4, NW1/4SE1/4 and S1/2NE1/4
T.148N, R.37W, Section 17, S1/2NW1/4 and N1/2SW1/4
T.148N, R.37W, Section 17, S1/2SW1/4

We have reviewed the subject proposal and have determined that the pipeline installation and associated construction as planned, will avoid FWS wetland easement interests by constructing around protected wetland basins, or be confined to prior existing rights of way acquired by Enbridge before the acquisition of the wetland conservation easement. A field review of all three properties will be conducted this spring that will aid in identifying any problem areas or unforeseen impacts to wetlands before construction begins.

In the spirit of cooperation, our organizations have agreed to incorporate the following Cooperative Conservation Measures to minimize impacts to FWS easement wetlands lying within the existing pipeline right of way.

Cooperative Conservation Measures

1. When possible, timing of construction will coincide with fall or winter periods to avoid impacts to nesting and breeding wildlife.
2. Dewatering of wetlands will be avoided or minimized to the extent possible.
3. Back-filling operations will involve placement of soil into original horizons to the extent possible.
4. Excess fill from pipeline trenching operations will be removed from the wetland basin after back-filling/compaction is complete.

5. Trench Breakers or other similar strategies will be implemented upstream and downstream of wetlands with open trenching operations to prevent artificial drainage or sedimentation of the wetland.
6. Trees, other organic material or construction debris will not be buried or piled within wetland basins.
7. Enbridge will consult with FWS regarding construction operations that have the potential to impact trees with known active nests.
8. FWS may provide technical assistance if cultural resources are encountered while crossing properties with FWS wetland conservation easements.

As a reference, I have enclosed the maps previously provide by Enbridge of the three properties depicting the pipeline corridor and wetlands protected by the conservation easement.

Thank you for your cooperation and efforts to consider alternatives that avoid and minimize impacts to wetlands along the pipeline corridor. We appreciate the opportunity to work closely with you throughout the review process of this project and look forward to visiting again after snowmelt. In the meantime, please feel free to contact me with any questions or concerns regarding the subject tracts or the U.S. Fish and Wildlife Service's wetland conservation easement program.

Sincerely,



Neil J. Powers
Project Leader

L3R FWS Easement Reroutes

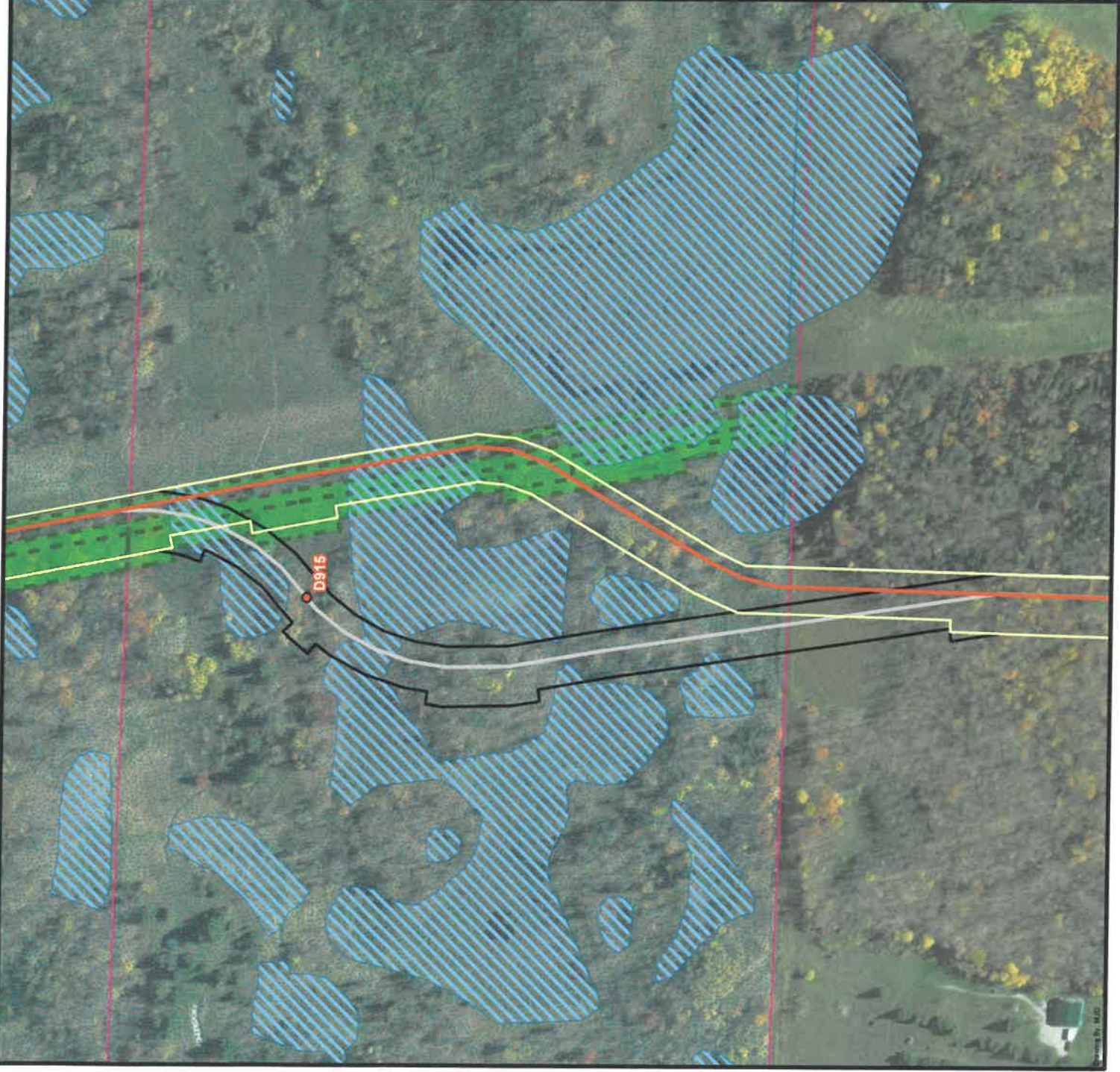
- FWS Wetland Basins
- Conservation Easements
- Previously Acquired Design

Previous Design

- Proposed Route
- ATWS
- TWS

Current Design

- Proposed Route
- ATWS
- TWS



L3R FWS Easement Reroutes

- FWS Wetland Basins
- Conservation Easements
- Previously Acquired Design

Previous Design

- Proposed Route
- ATWS
- TWS

Current Design

- Proposed Route
- ATWS
- TWS



0 800 1,600 FT



L3R FWS Easement Reroutes

- FWS Wetland Basins
- Conservation Easements
- Previously Acquired Design

Previous Design

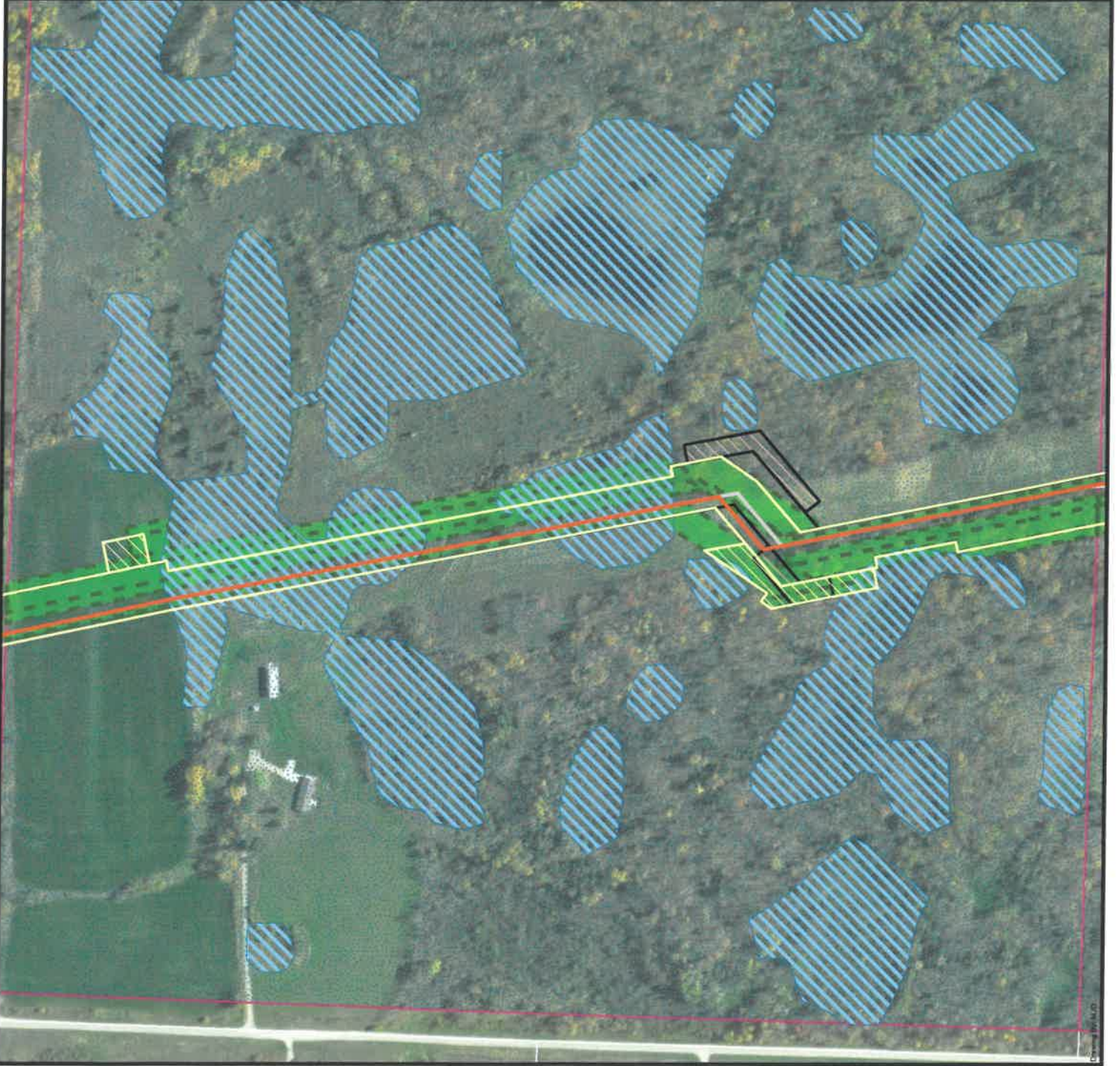
- Proposed Route
- ATWS
- TWS

Current Design

- Proposed Route
- ATWS
- TWS



0 310 620 FT



Attachment C

Mailing List of Affected Landowners

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Landowner Mailing List - Enbridge Route Permit Amendment Request PL-9/PPL-15-137

Bonnie J Oien Anderson
5424 30th Street SE
Bemidji, MN 56601

Donald D Arro
4866 Hinglely Road
Floodwood, MN 55736

Bayle Bellefy
22688 320th Street
Bagley, MN 56621

Lynn M and Mark L Bellefy
22960 320TH Street
Bagley, MN 56621

Arnette and Kenneth Ray Borowicz
PO Box 344
Stephen, MN 56757

Greg Borowicz
P O Box 257
Stephen, MN 56757

Loretta Borowicz
PO Box 344
Stephen, MN 56757

Greg Borowicz Borowicz Farms
P O Box 257
Stephen, MN 56757

Christopher J and Kelly N Brauhn
20929 280th Street North
Ulen, MN 56585

C & G Gift Estate Trust
527 Tower Street Northwest
Clearbrook, MN 56634-4290

Brett David Wendy Dawn Carter
22275 Walkerbrook Drive
Bagley, MN 56621-4745

JoNette and Scott Corrow
535 Jackson Street Southwest
Hutchinson, MN 55350

Mary Ann Durand
PO Box 263
Stephen, MN 56757

Adam E Fradenburgh
1120 Park Ave NW
Bemidji, MN 56601

Jeffrey R and Mary J Gryskiewicz
31382 360 Street Northwest
Argyle, MN 56713

Hvidsten Farms
PO Box 329
Stephen, MN 56757

Nadene N and Victor R Lopez
2055 Yndestad Road
Carlton, MN 55718

North Dakota Pipeline Company,
LLC
119 North 25th Street East
Superior, WI 54880

Alvin and Nancy Oien
21407 340th Street
Bagley, MN 56621

Elizabeth and Rodney Pawloski
3427 Dailey Street
Phoenix, AZ 85053

Julie Pawloski
PO Box 263
Stephen, MN 56757

Larry L and Penni L Pietz
58085 320th Place
Palisade, MN 56469

Douglas A Rasch
43003 191ST Avenue
Clearbrook, MN 56634

Kathy A Rasch
43003 191ST Avenue
Clearbrook, MN 56634

Linda Rasmussen
717 Island View Drive
Bemidji, MN 56601

Nancy A Solem-Reisinger
975 Trettle Lane
Cloquet, MN 55720

State of Minnesota
100 Rev Dr Martin Luther King Jr
Boulevard
Saint Paul, MN 55155

State of Minnesota, Department of
Natural Resources
1201 East Highway 2
Grand Rapids, MN 55744

State of Minnesota, Department Of
Transportation District 2A
1123 Mesaba Avenue
Duluth, MN 55811

Janelle Sundby
2001 Eastwood Drive#102
Thief River Falls, MN 56701

Landowner Mailing List - Enbridge Route Permit Amendment Request PL-9/PPL-15-137

Betty J Surdez
23845 320TH ST
Bagley, MN 56621

Mark W and Rose Surdez
23845 320TH Street
Bagley, MN 56621

Paul L Surdez
23845 320TH Street
Bagley, MN 56621

Tri-State Holdings, LLC
119 North 25th Street East
Superior, WI 54880

Jessica L and John A Jr. Tuttle
1412 John Road
Cloquet, MN 55720

Leeann L Vettleson
42794 181ST Avenue
Clearbrook, MN 56634

Travis A Vettleson
42794 181ST Avenue
Clearbrook, MN 56634

Dennis P and Kathy D Waller
2080 Yndestad Road
Carlton, MN 55718

Terri Lynn Wittwer
11050 Bush Road
Floodwood, MN 55736

Dale W and Lori A Zylka
2102 Yndestad Road
Carlton, MN 55718

Attachment F

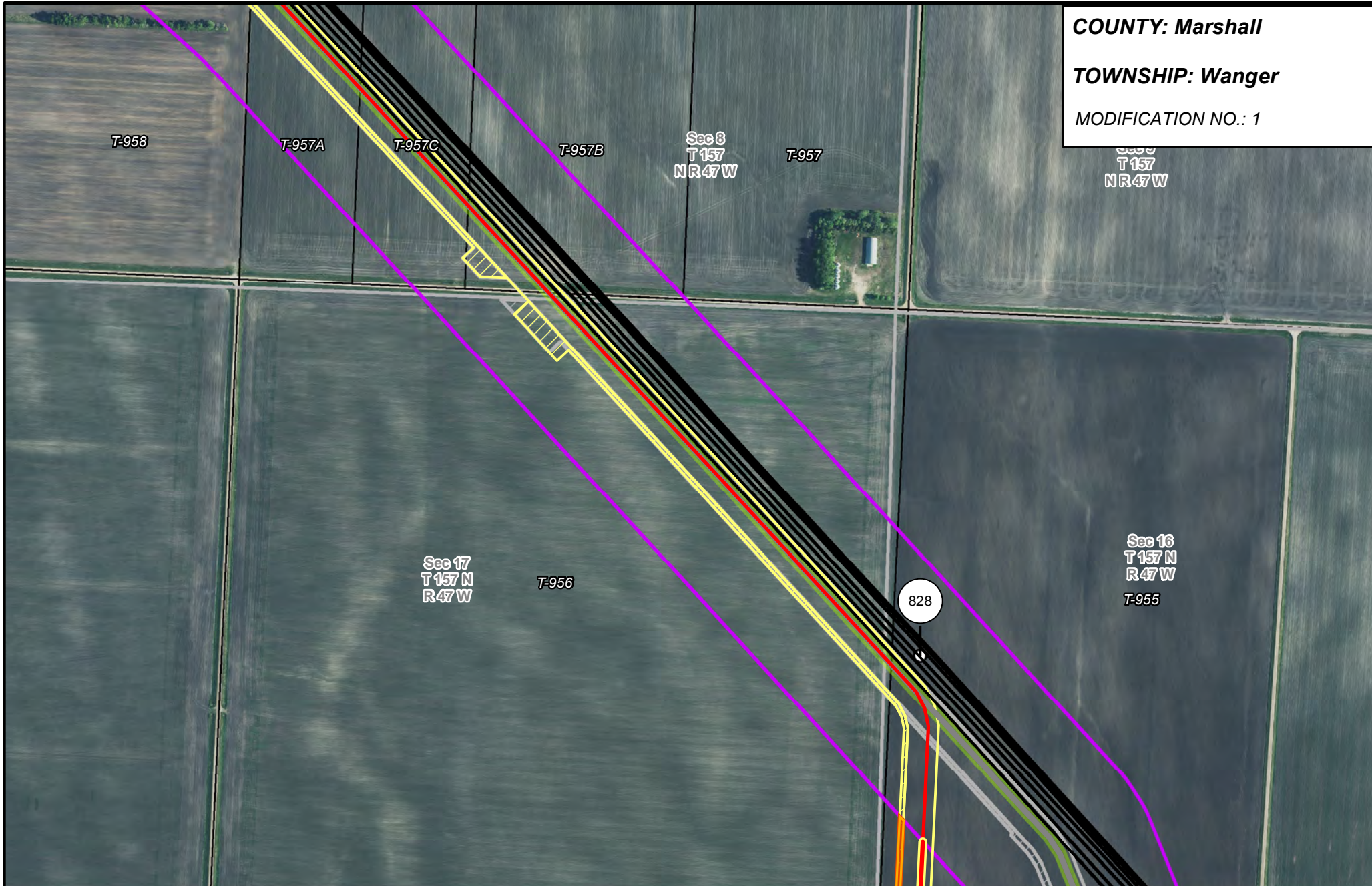
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COUNTY: Marshall

TOWNSHIP: Wanger

MODIFICATION NO.: 1



- | | | | |
|-----------------------|---|--------------------------------|------------------------|
| PUC Designated Route | Mile Post | Pipeline Outside PUC Corridor | Tract Boundary |
| ROW | Deviated Temporary Workspace | Surveyed Waterbodies | MN Section Boundary |
| Line 3R Pipeline | Deviated Additional Temporary Workspace | ESA | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | Surveyed Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | NWI Wetlands | |
| | Existing Third Party Pipelines | Workspace Outside PUC Corridor | |

LINE 3 REPLACEMENT PIPELINE ROUTE AMENDMENT

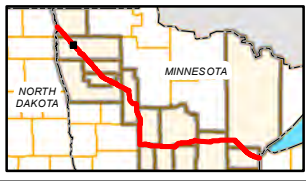
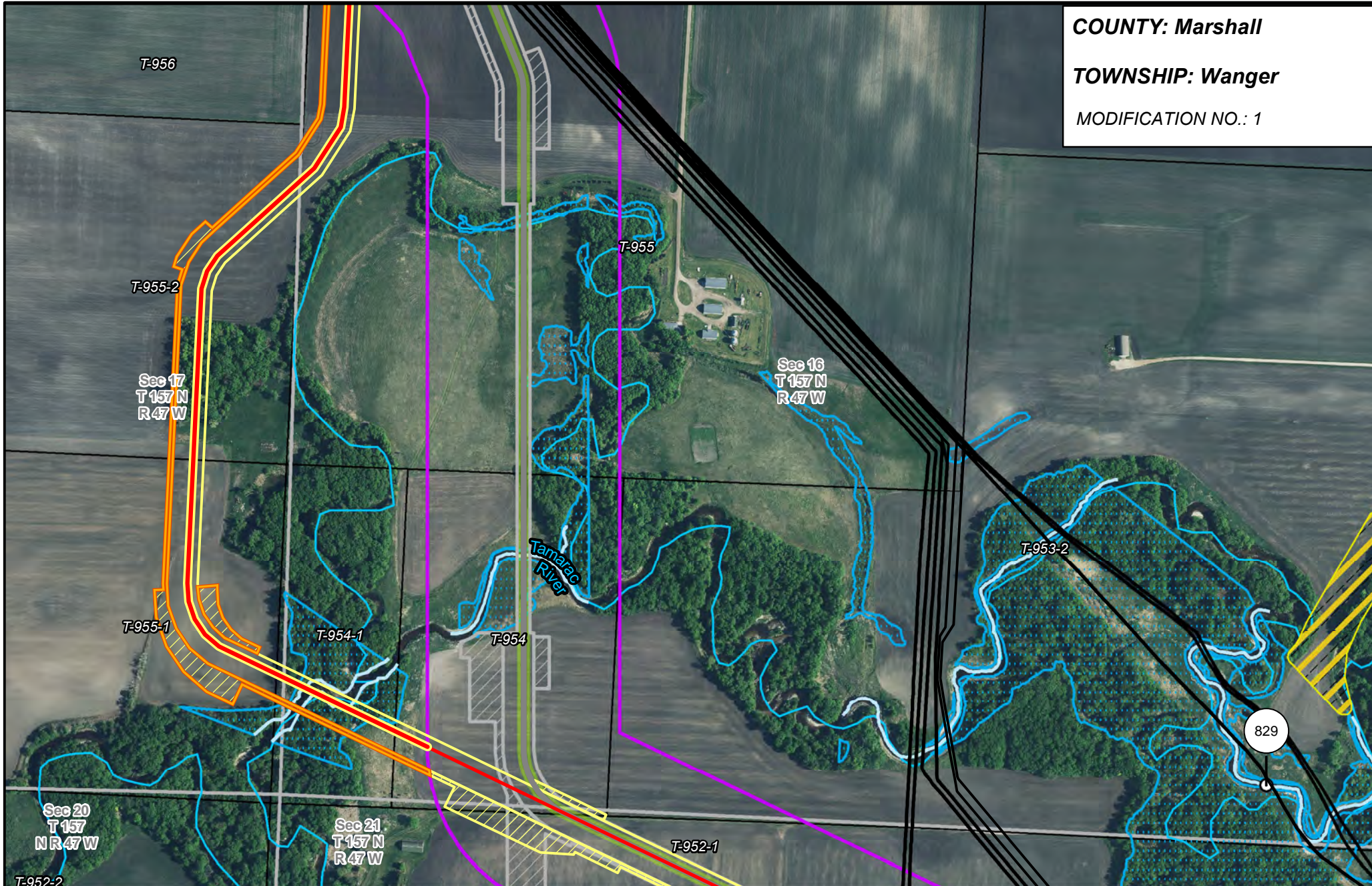
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Map 033 of 378

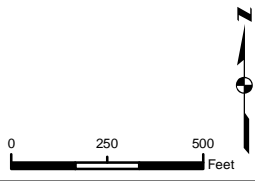
COUNTY: Marshall

TOWNSHIP: Wanger

MODIFICATION NO.: 1



- PUC Designated Route
- ROW
- Line 3R Pipeline
- Valve Location
- Enbridge Pump Station
- Mile Post
- Deviated Temporary Workspace
- Deviated Additional Temporary Workspace
- Existing Enbridge Pipelines
- Existing Electric Transmission
- Existing Third Party Pipelines
- Pipeline Outside PUC Corridor
- Surveyed Waterbodies
- ESA
- Surveyed Wetlands
- NWI Wetlands
- Workspace Outside PUC Corridor
- Tract Boundary
- MN Section Boundary
- Township/City Boundary
- County Boundary



LINE 3 REPLACEMENT PIPELINE ROUTE AMENDMENT

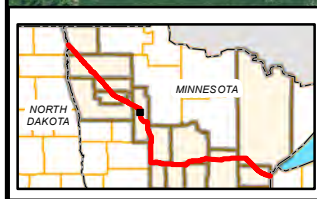
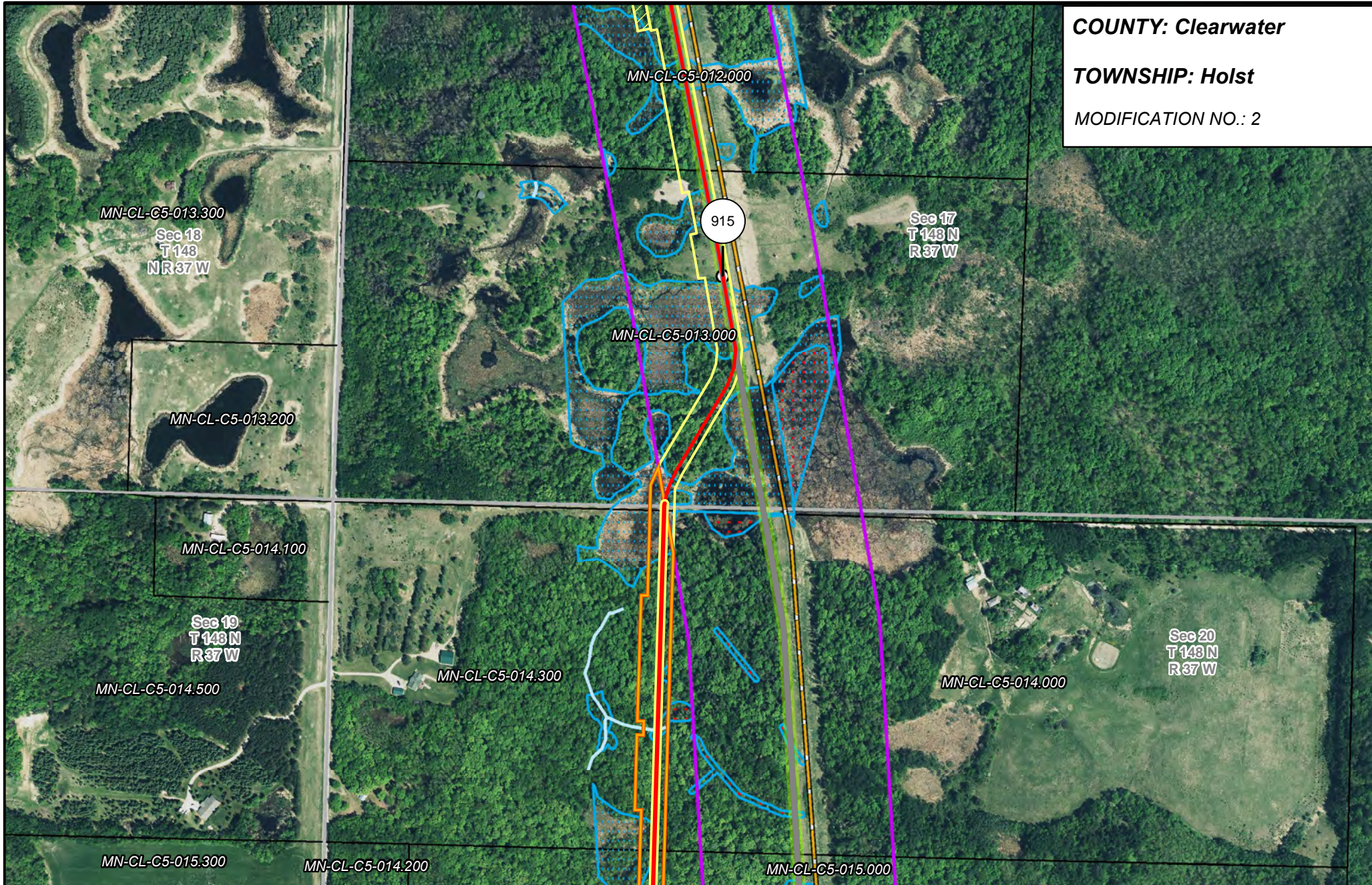
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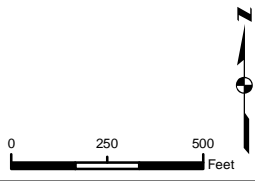
COUNTY: Clearwater

TOWNSHIP: Holst

MODIFICATION NO.: 2



- PUC Designated Route
- ROW
- Line 3R Pipeline
- Valve Location
- Enbridge Pump Station
- Mile Post
- Deviated Temporary Workspace
- Deviated Additional Temporary Workspace
- Existing Enbridge Pipelines
- Existing Electric Transmission
- Existing Third Party Pipelines
- Pipeline Outside PUC Corridor
- Surveyed Waterbodies
- ESA
- Surveyed Wetlands
- NWI Wetlands
- Workspace Outside PUC Corridor
- Tract Boundary
- MN Section Boundary
- Township/City Boundary
- County Boundary

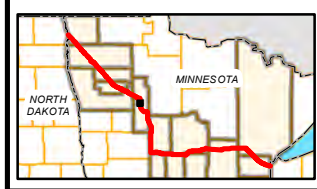
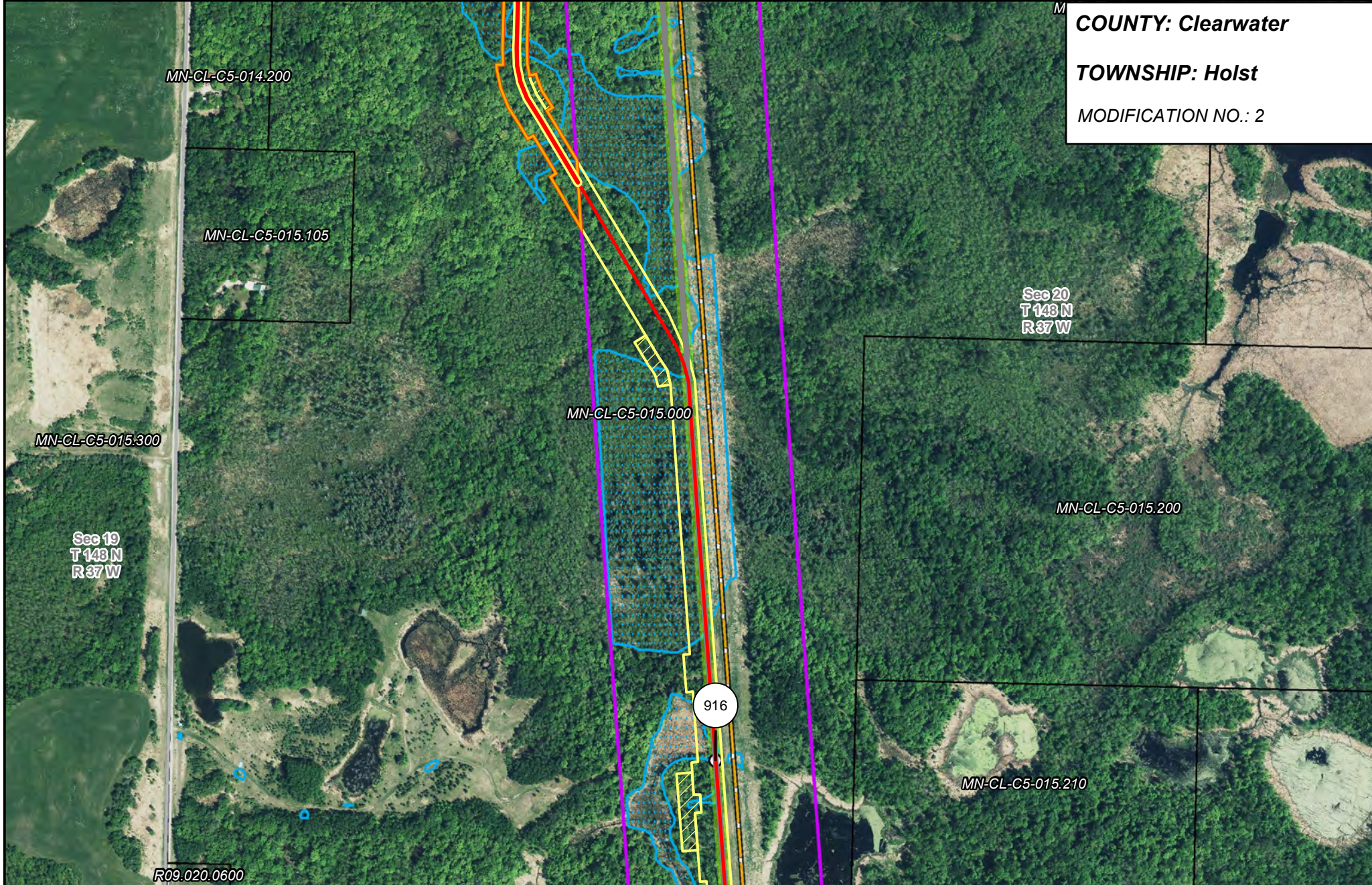


LINE 3 REPLACEMENT PIPELINE ROUTE AMENDMENT

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Map 134 of 378

COUNTY: Clearwater
TOWNSHIP: Holst
MODIFICATION NO.: 2



- | | | | |
|-----------------------|---|--------------------------------|------------------------|
| PUC Designated Route | Mile Post | Pipeline Outside PUC Corridor | Tract Boundary |
| ROW | Deviated Temporary Workspace | Surveyed Waterbodies | MN Section Boundary |
| Line 3R Pipeline | Deviated Additional Temporary Workspace | ESA | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | Surveyed Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | NWI Wetlands | |
| | Existing Third Party Pipelines | Workspace Outside PUC Corridor | |

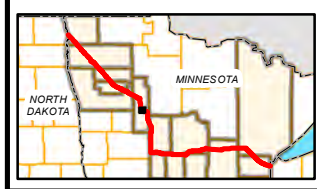
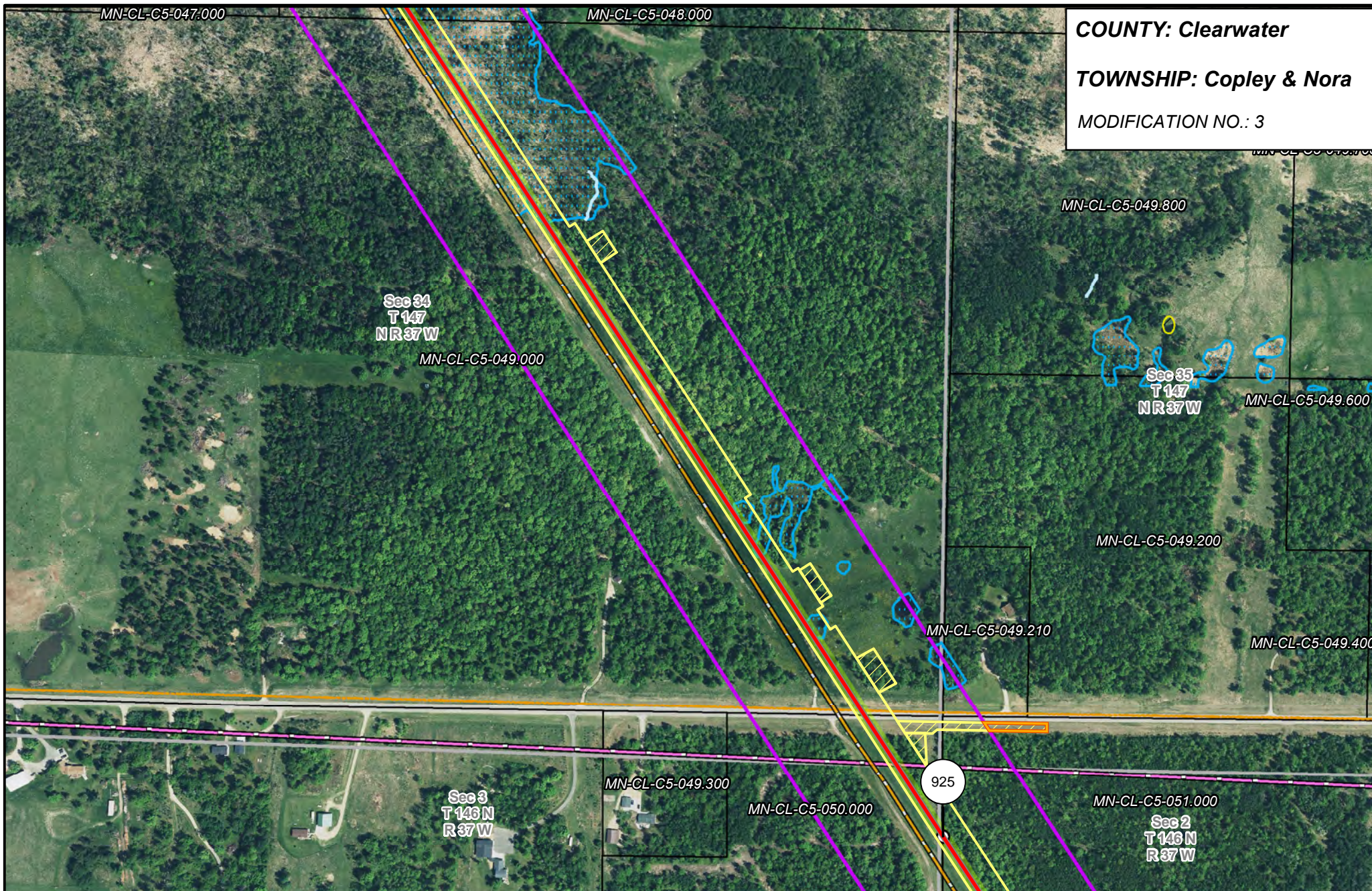
LINE 3 REPLACEMENT PIPELINE ROUTE AMENDMENT

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Map 135 of 378



COUNTY: Clearwater
TOWNSHIP: Copley & Nora
MODIFICATION NO.: 3



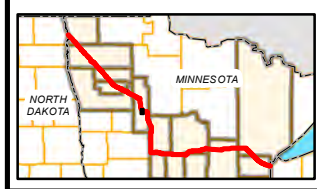
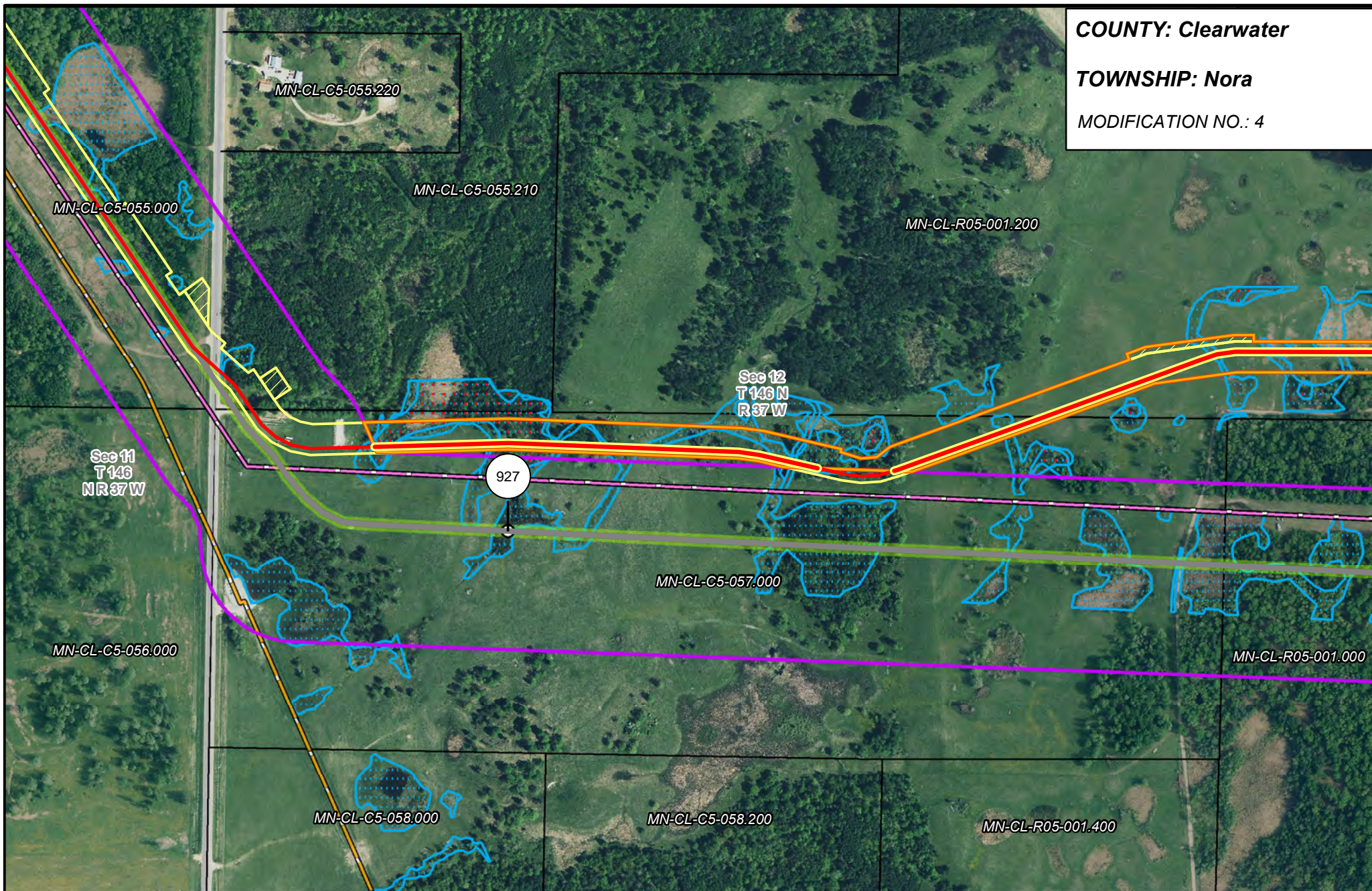
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|-----------------------|---|--------------------------------|------------------------|
| PUC Designated Route | Mile Post | Pipeline Outside PUC Corridor | Tract Boundary |
| ROW | Deviated Temporary Workspace | Surveyed Waterbodies | MN Section Boundary |
| Line 3R Pipeline | Deviated Additional Temporary Workspace | ESA | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | Surveyed Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | NWI Wetlands | |
| | Existing Third Party Pipelines | Workspace Outside PUC Corridor | |

LINE 3 REPLACEMENT PIPELINE ROUTE AMENDMENT

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Map 148 of 378

COUNTY: Clearwater
TOWNSHIP: Nora
MODIFICATION NO.: 4



PUC Designated Route	Mile Post	Pipeline Outside PUC Corridor	Tract Boundary
ROW	Deviated Temporary Workspace	Surveyed Waterbodies	MN Section Boundary
Line 3R Pipeline	Deviated Additional Temporary Workspace	ESA	Township/City Boundary
Valve Location	Existing Enbridge Pipelines	Surveyed Wetlands	County Boundary
Enbridge Pump Station	Existing Electric Transmission	NWI Wetlands	
	Existing Third Party Pipelines	Workspace Outside PUC Corridor	

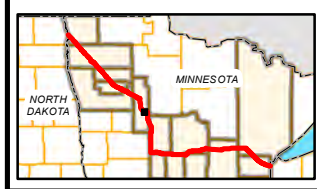
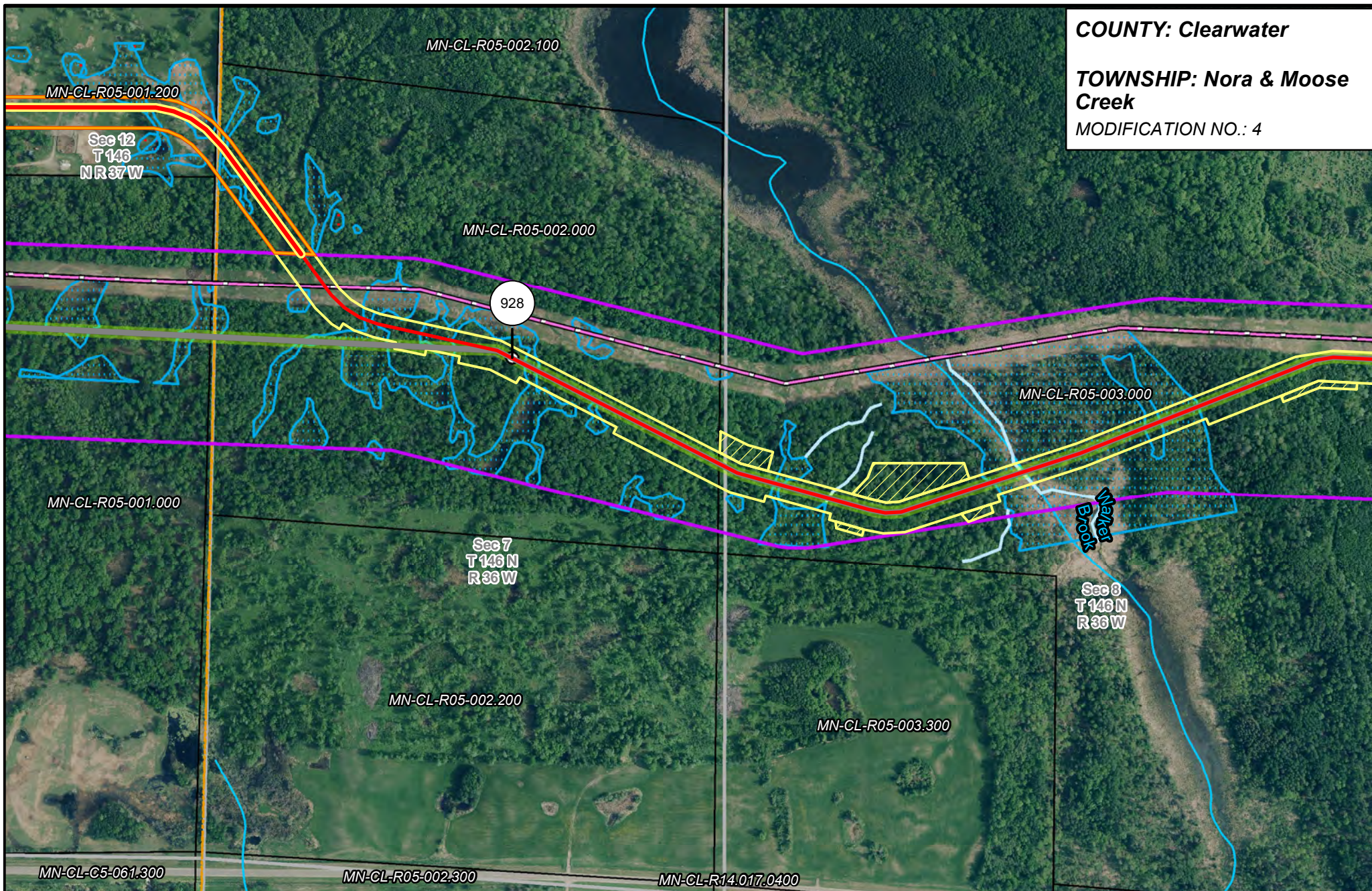
LINE 3 REPLACEMENT PIPELINE ROUTE AMENDMENT

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 Feet

Map 151 of 378

COUNTY: Clearwater
TOWNSHIP: Nora & Moose Creek
MODIFICATION NO.: 4



PUC Designated Route	Mile Post	Pipeline Outside PUC Corridor	Tract Boundary
ROW	Deviated Temporary Workspace	Surveyed Waterbodies	MN Section Boundary
Line 3R Pipeline	Deviated Additional Temporary Workspace	ESA	Township/City Boundary
Valve Location	Existing Enbridge Pipelines	Surveyed Wetlands	County Boundary
Enbridge Pump Station	Existing Electric Transmission	NWI Wetlands	
	Existing Third Party Pipelines	Workspace Outside PUC Corridor	

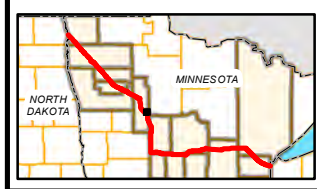
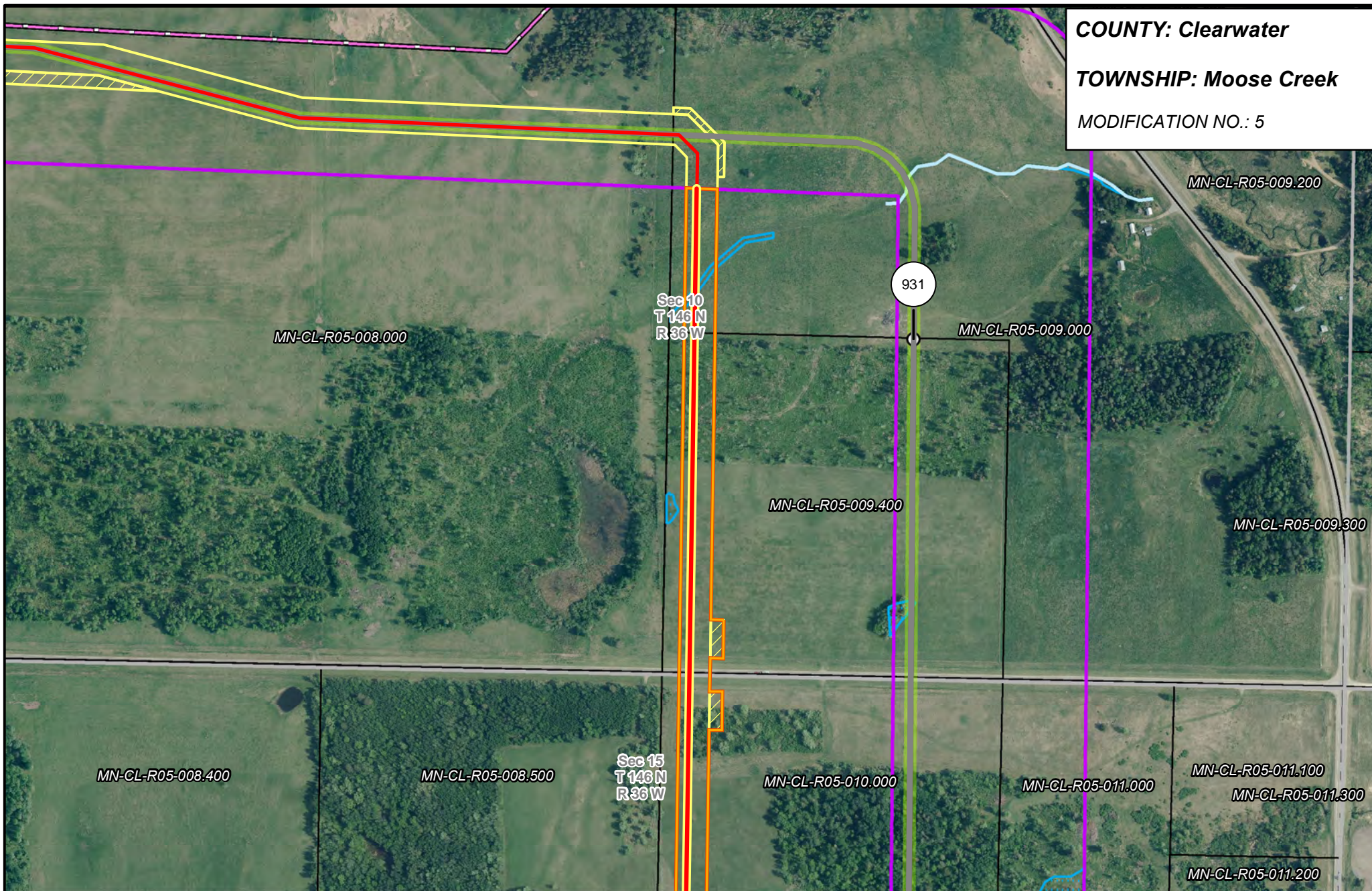
LINE 3 REPLACEMENT PIPELINE ROUTE AMENDMENT

DRAWN: CLS CHECKED: --
 DATE: January 24, 2019 SCALE: 1:6,000

Map 152 of 378



COUNTY: Clearwater
TOWNSHIP: Moose Creek
MODIFICATION NO.: 5



- | | | | |
|-----------------------|---|--------------------------------|------------------------|
| PUC Designated Route | Mile Post | Pipeline Outside PUC Corridor | Tract Boundary |
| ROW | Deviated Temporary Workspace | Surveyed Waterbodies | MN Section Boundary |
| Line 3R Pipeline | Deviated Additional Temporary Workspace | ESA | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | Surveyed Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | NWI Wetlands | |
| | Existing Third Party Pipelines | Workspace Outside PUC Corridor | |

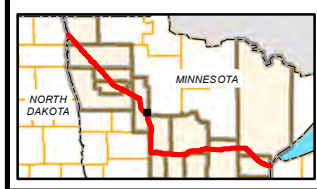
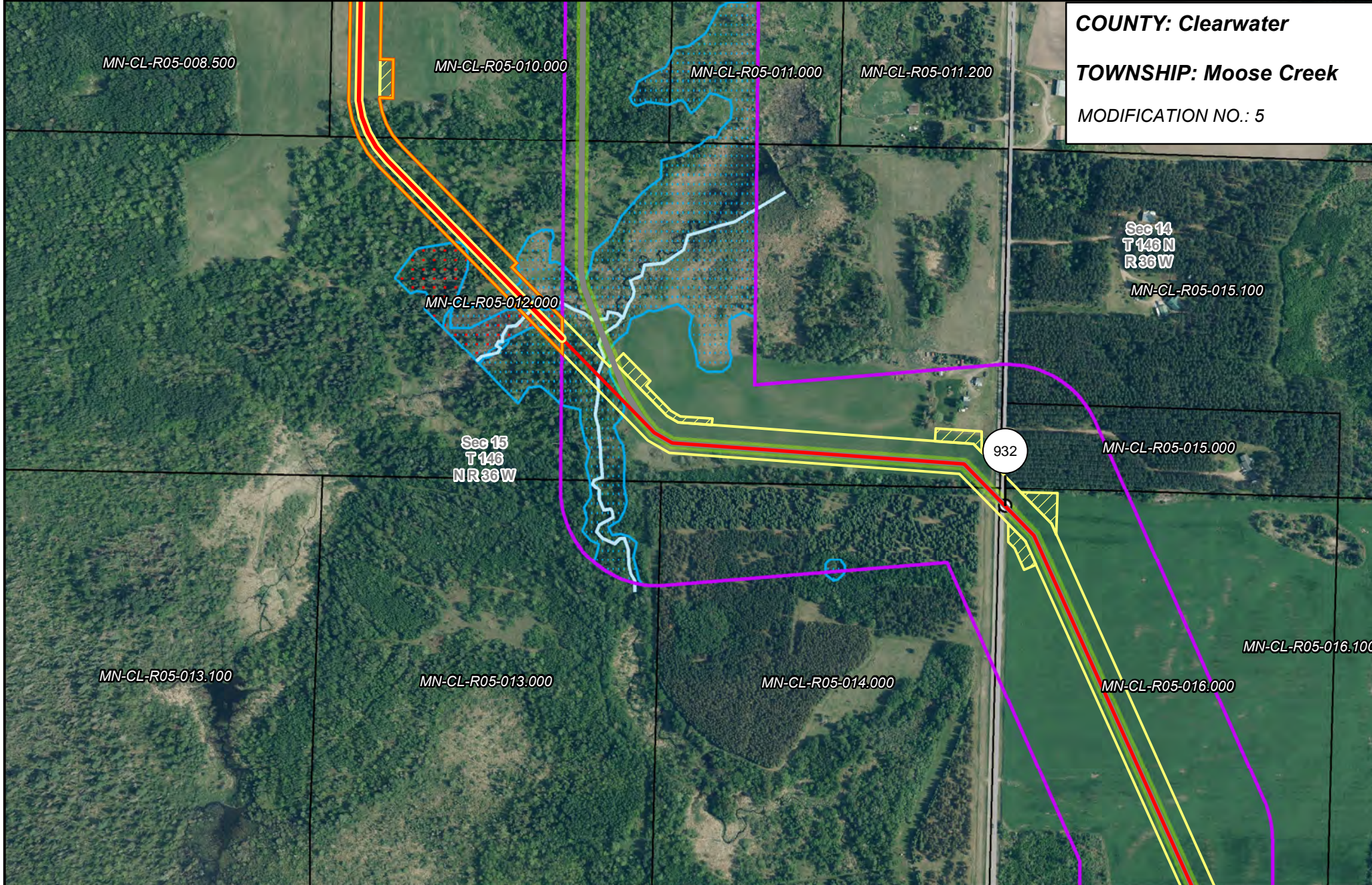
LINE 3 REPLACEMENT PIPELINE ROUTE AMENDMENT

DRAWN: CLS CHECKED: --
 DATE: January 24, 2019 SCALE: 1:6,000

Map 155 of 378



COUNTY: Clearwater
TOWNSHIP: Moose Creek
MODIFICATION NO.: 5



PUC Designated Route	Mile Post	Pipeline Outside PUC Corridor	Tract Boundary
ROW	Deviated Temporary Workspace	Surveyed Waterbodies	MN Section Boundary
Line 3R Pipeline	Deviated Additional Temporary Workspace	ESA	Township/City Boundary
Valve Location	Existing Enbridge Pipelines	Surveyed Wetlands	County Boundary
Enbridge Pump Station	Existing Electric Transmission	NWI Wetlands	
	Existing Third Party Pipelines	Workspace Outside PUC Corridor	

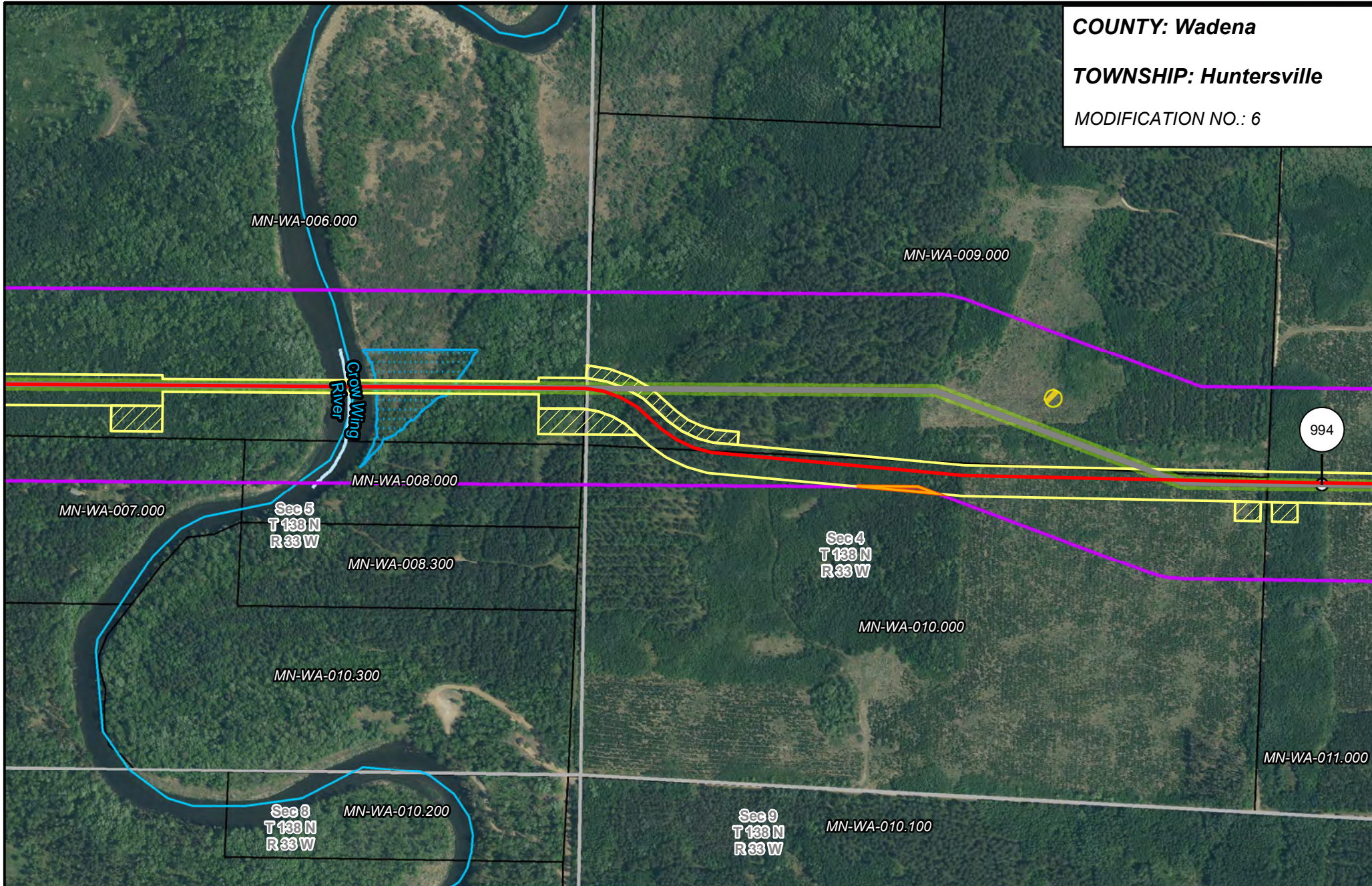
LINE 3 REPLACEMENT PIPELINE ROUTE AMENDMENT

DRAWN: CLS CHECKED: --
 DATE: January 24, 2019 SCALE: 1:6,000

0 250 500
 Feet

Map 156 of 378

COUNTY: Wadena
TOWNSHIP: Huntersville
 MODIFICATION NO.: 6

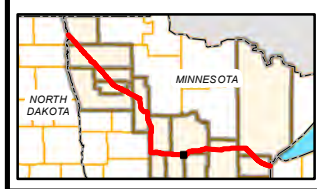
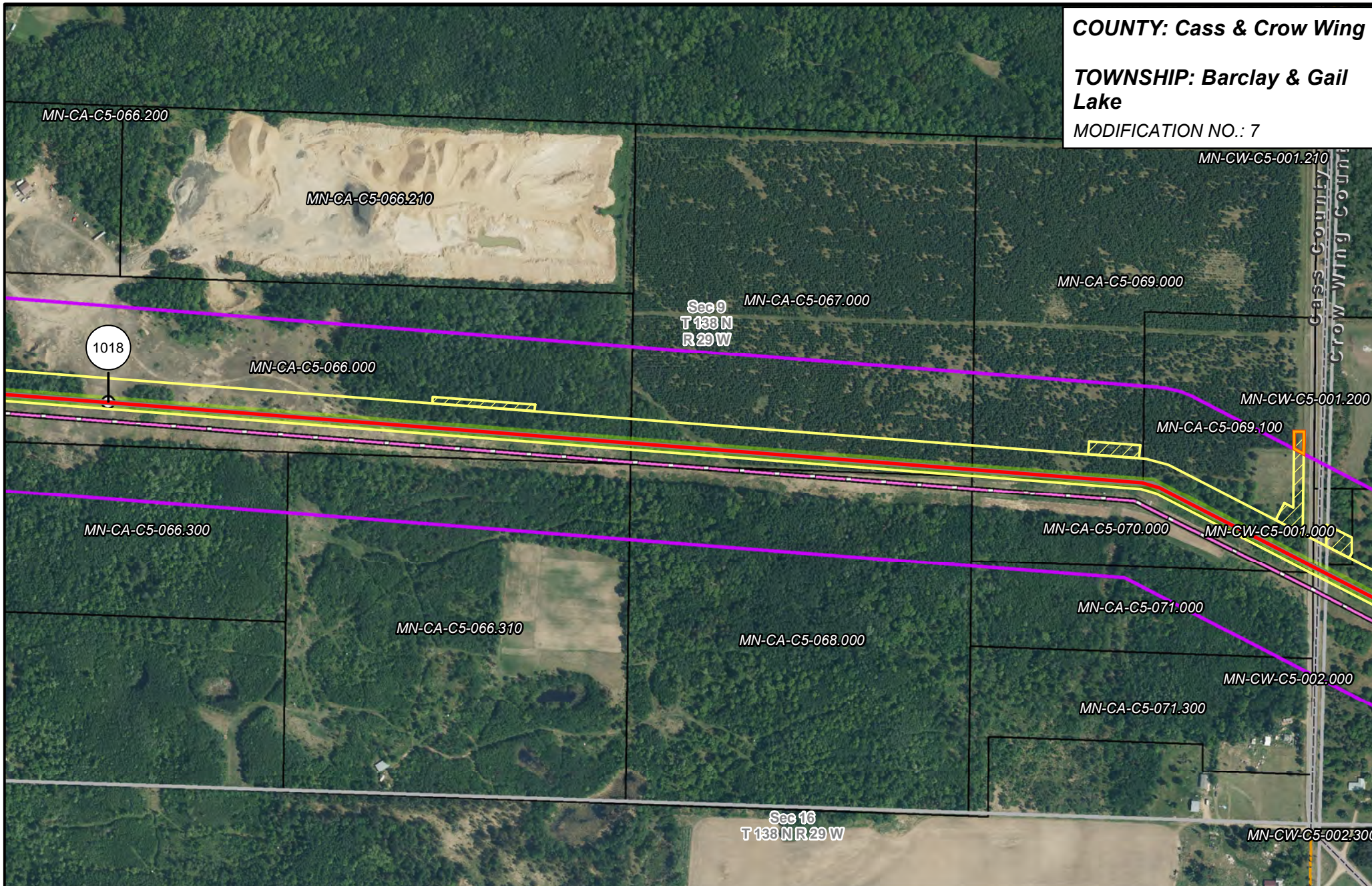


	<ul style="list-style-type: none"> PUC Designated Route ROW Line 3R Pipeline Valve Location Enbridge Pump Station 	<ul style="list-style-type: none"> Mile Post Deviated Temporary Workspace Deviated Additional Temporary Workspace Existing Enbridge Pipelines Existing Electric Transmission Existing Third Party Pipelines 	<ul style="list-style-type: none"> Pipeline Outside PUC Corridor Surveyed Waterbodies ESA Surveyed Wetlands NWI Wetlands Workspace Outside PUC Corridor 	<ul style="list-style-type: none"> Tract Boundary MN Section Boundary Township/City Boundary County Boundary 		<p>LINE 3 REPLACEMENT PIPELINE ROUTE AMENDMENT</p> <p>DRAWN: CLS CHECKED: -- DATE: January 24, 2019 SCALE: 1:6,000 Map 241 of 378</p>
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COUNTY: Cass & Crow Wing

TOWNSHIP: Barclay & Gail Lake

MODIFICATION NO.: 7



- PUC Designated Route
- ROW
- Line 3R Pipeline
- Valve Location
- Enbridge Pump Station
- Mile Post
- Deviated Temporary Workspace
- Deviated Additional Temporary Workspace
- Existing Enbridge Pipelines
- Existing Electric Transmission
- Existing Third Party Pipelines
- Pipeline Outside PUC Corridor
- Surveyed Waterbodies
- ESA
- Surveyed Wetlands
- NWI Wetlands
- Workspace Outside PUC Corridor
- Tract Boundary
- MN Section Boundary
- Township/City Boundary
- County Boundary

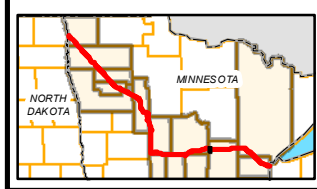
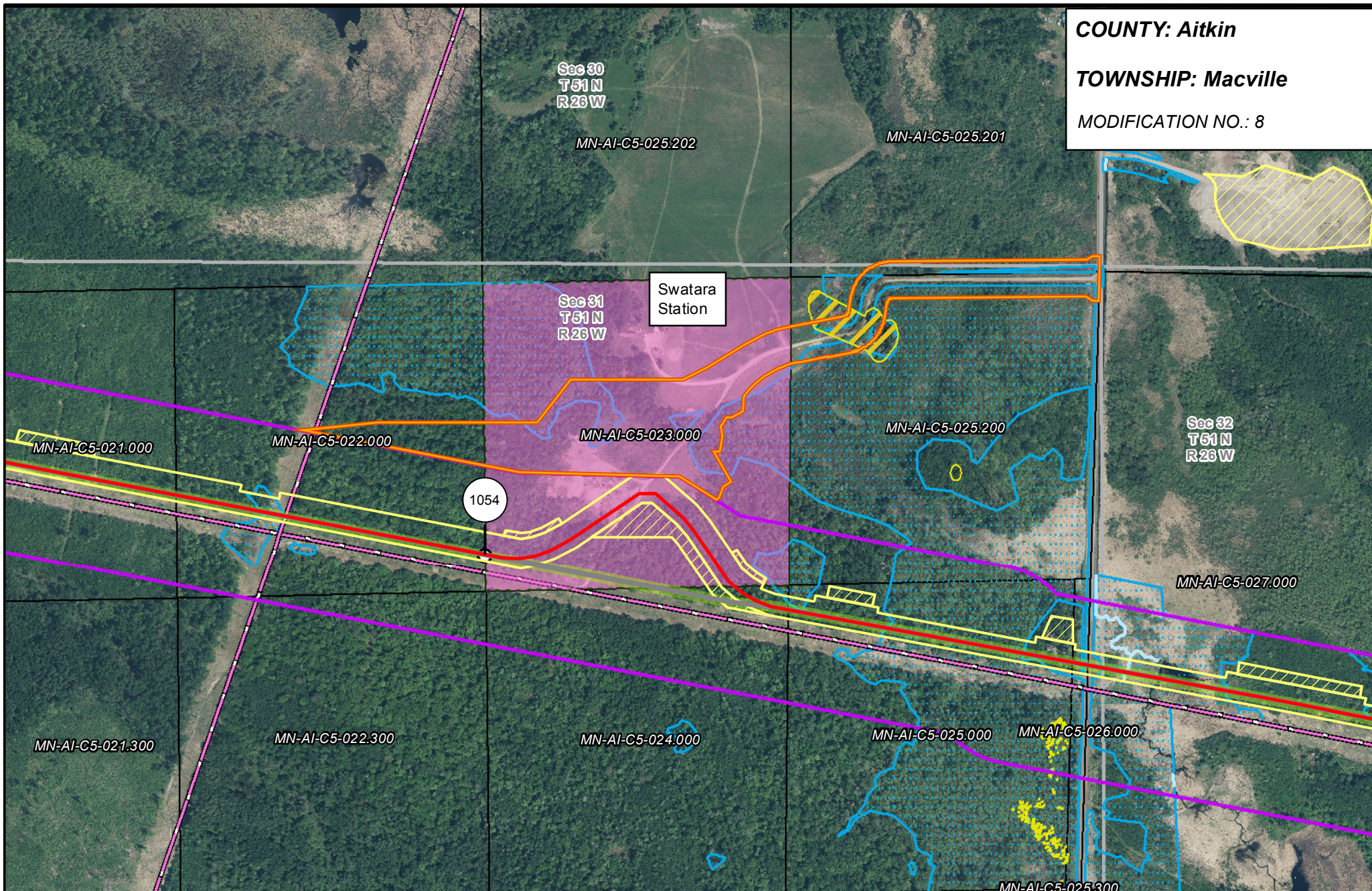
LINE 3 REPLACEMENT PIPELINE ROUTE AMENDMENT

DRAWN: CLS CHECKED: --
DATE: January 24, 2019 SCALE: 1:6,000

Map 266 of 378

A north arrow points upwards. Below it is a scale bar showing 0, 250, and 500 feet.

COUNTY: Aitkin
TOWNSHIP: Macville
 MODIFICATION NO.: 8

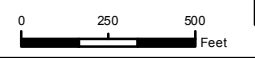


- | | | | |
|-----------------------|---|--------------------------------|------------------------|
| PUC Designated Route | Mile Post | Pipeline Outside PUC Corridor | Tract Boundary |
| ROW | Deviated Temporary Workspace | Surveyed Waterbodies | MN Section Boundary |
| Line 3R Pipeline | Deviated Additional Temporary Workspace | ESA | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | Surveyed Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | NWI Wetlands | |
| | Existing Third Party Pipelines | Workspace Outside PUC Corridor | |

LINE 3 REPLACEMENT PIPELINE ROUTE AMENDMENT

DRAWN: CLS CHECKED: --
 DATE: April 2nd, 2019 SCALE: 1:6,000

Map 302 of 378



COUNTY: Aitkin
TOWNSHIP: Northwest Aitkin
MODIFICATION NO.: 9

MN-AI-046.001

MN-AI-046.002

Sec 32
 T51 N
 R25 W

1061

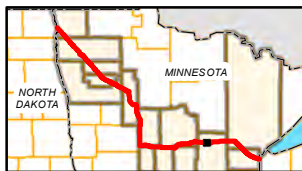
MN-AI-046.000

MN-AI-045.000

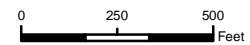
MN-AI-047.000

MN-AI-48-0-051200

MN-AI-48-0-052300



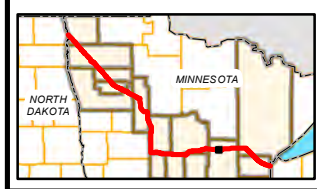
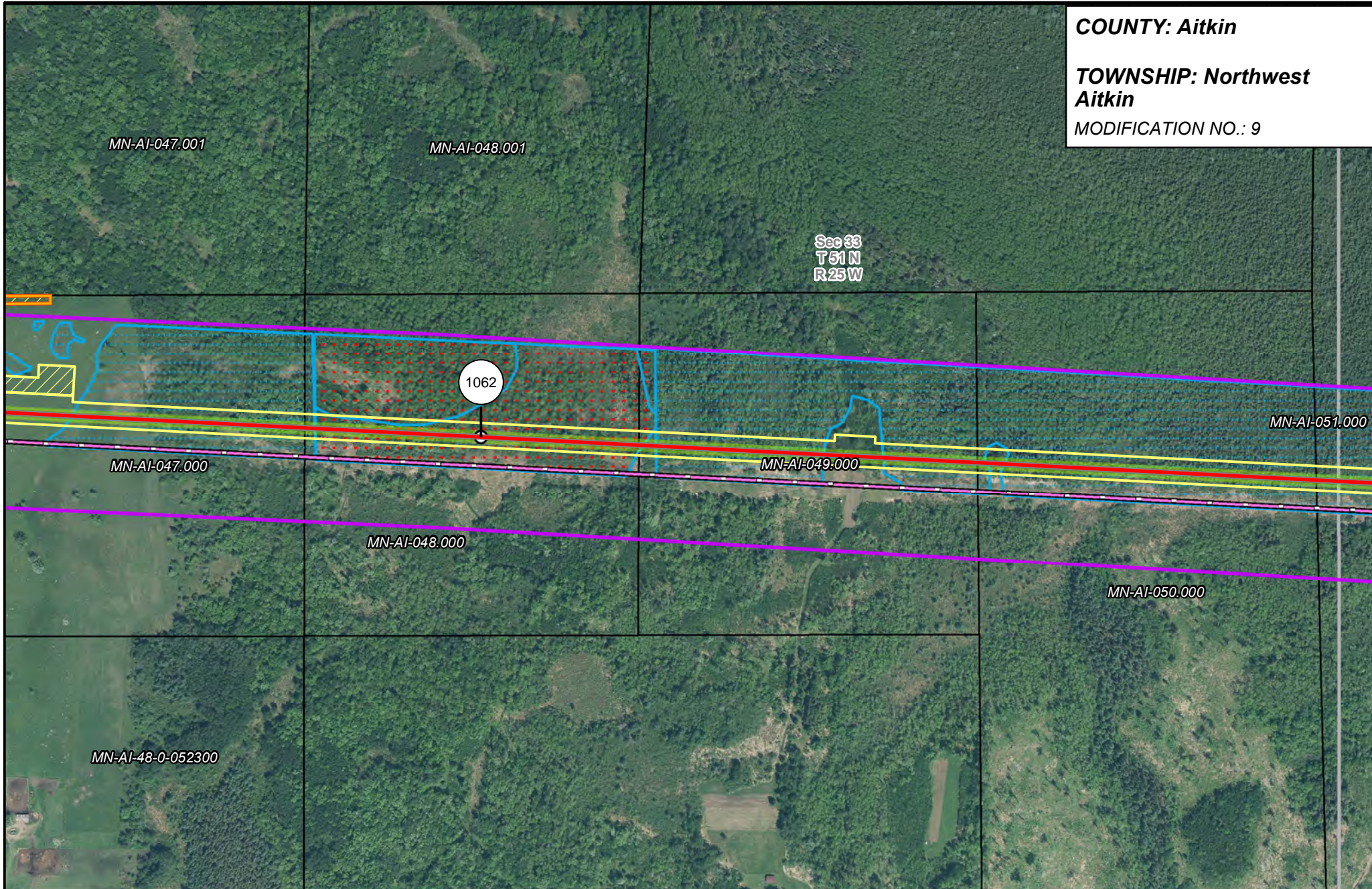
- PUC Designated Route
- ROW
- Line 3R Pipeline
- Valve Location
- Enbridge Pump Station
- Mile Post
- Deviated Temporary Workspace
- Deviated Additional Temporary Workspace
- Existing Enbridge Pipelines
- Existing Electric Transmission
- Existing Third Party Pipelines
- Pipeline Outside PUC Corridor
- Surveyed Waterbodies
- ESA
- Surveyed Wetlands
- NWI Wetlands
- Workspace Outside PUC Corridor
- Tract Boundary
- MN Section Boundary
- Township/City Boundary
- County Boundary



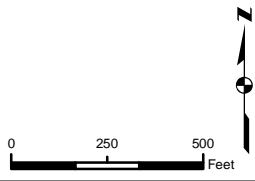
**LINE 3 REPLACEMENT
 PIPELINE ROUTE
 AMENDMENT**

DRAWN: CLS CHECKED: --
 DATE: January 24, 2019 SCALE: 1:6,000
 Map 309 of 378

COUNTY: Aitkin
TOWNSHIP: Northwest Aitkin
MODIFICATION NO.: 9



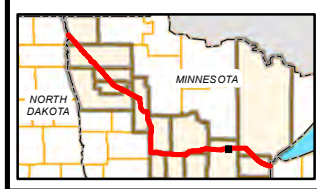
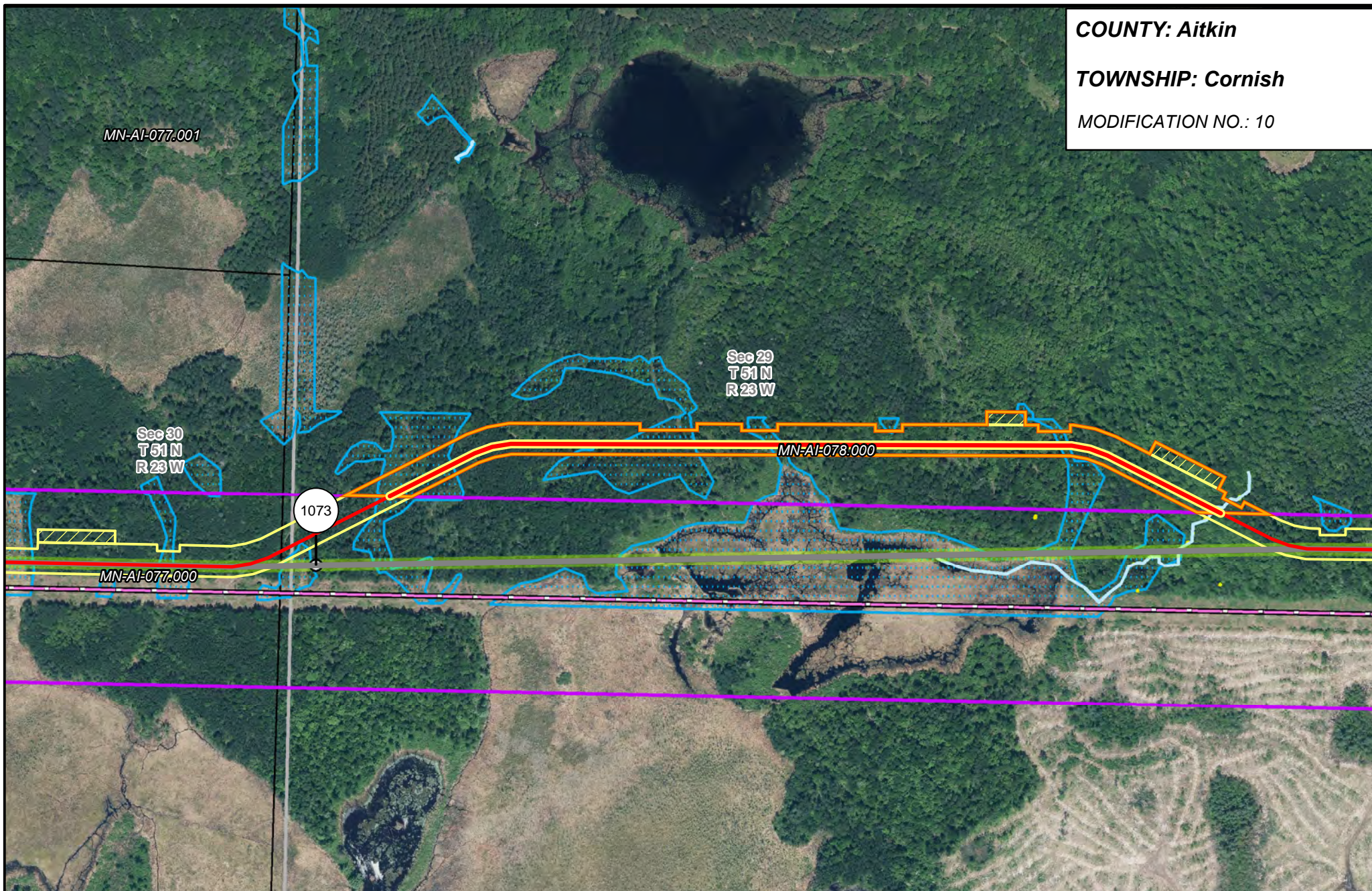
- PUC Designated Route
- ROW
- Line 3R Pipeline
- Deviated Temporary Workspace
- Deviated Additional Temporary Workspace
- ESA
- Valve Location
- Existing Enbridge Pipelines
- Existing Electric Transmission
- Existing Third Party Pipelines
- Mile Post
- Surveyed Waterbodies
- Surveyed Wetlands
- NWI Wetlands
- Workspace Outside PUC Corridor
- Tract Boundary
- MN Section Boundary
- Township/City Boundary
- County Boundary



LINE 3 REPLACEMENT PIPELINE ROUTE AMENDMENT

DRAWN: CLS CHECKED: --
 DATE: January 24, 2019 SCALE: 1:6,000
 Map 310 of 378

COUNTY: Aitkin
TOWNSHIP: Cornish
 MODIFICATION NO.: 10

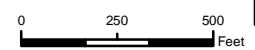


- | | | | |
|-----------------------|---|--------------------------------|------------------------|
| PUC Designated Route | Mile Post | Pipeline Outside PUC Corridor | Tract Boundary |
| ROW | Deviated Temporary Workspace | Surveyed Waterbodies | MN Section Boundary |
| Line 3R Pipeline | Deviated Additional Temporary Workspace | ESA | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | Surveyed Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | NWI Wetlands | |
| | Existing Third Party Pipelines | Workspace Outside PUC Corridor | |

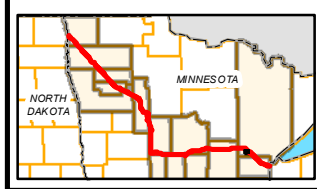
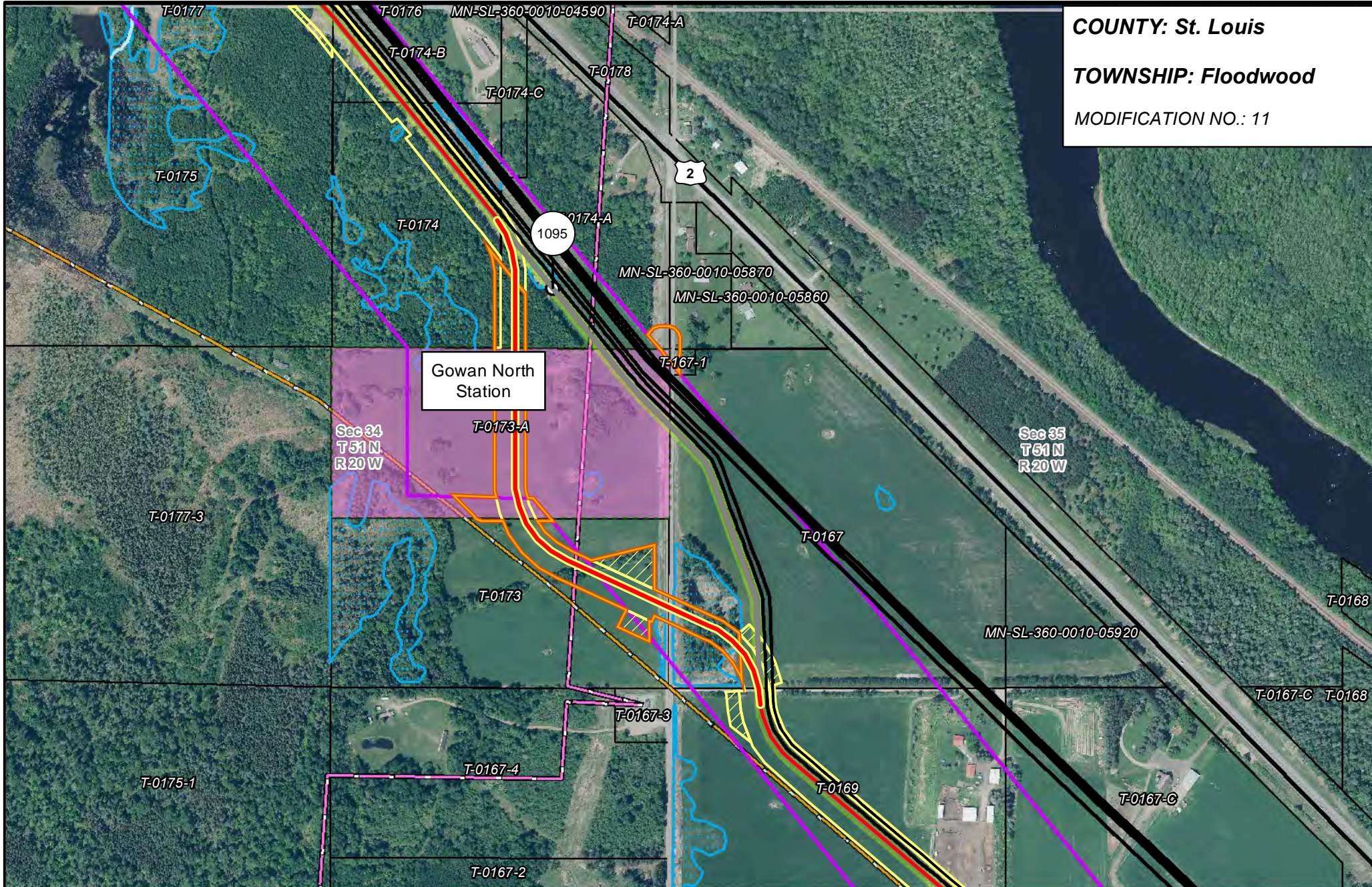
LINE 3 REPLACEMENT PIPELINE ROUTE AMENDMENT

DRAWN: CLS CHECKED: --
 DATE: January 24, 2019 SCALE: 1:6,000

Map 321 of 378



COUNTY: St. Louis
TOWNSHIP: Floodwood
MODIFICATION NO.: 11



- | | | | |
|-----------------------|---|--------------------------------|------------------------|
| PUC Designated Route | Mile Post | Pipeline Outside PUC Corridor | Tract Boundary |
| ROW | Deviated Temporary Workspace | Surveyed Waterbodies | MN Section Boundary |
| Line 3R Pipeline | Deviated Additional Temporary Workspace | ESA | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | Surveyed Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | NWI Wetlands | |
| | Existing Third Party Pipelines | Workspace Outside PUC Corridor | |

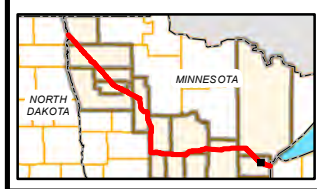
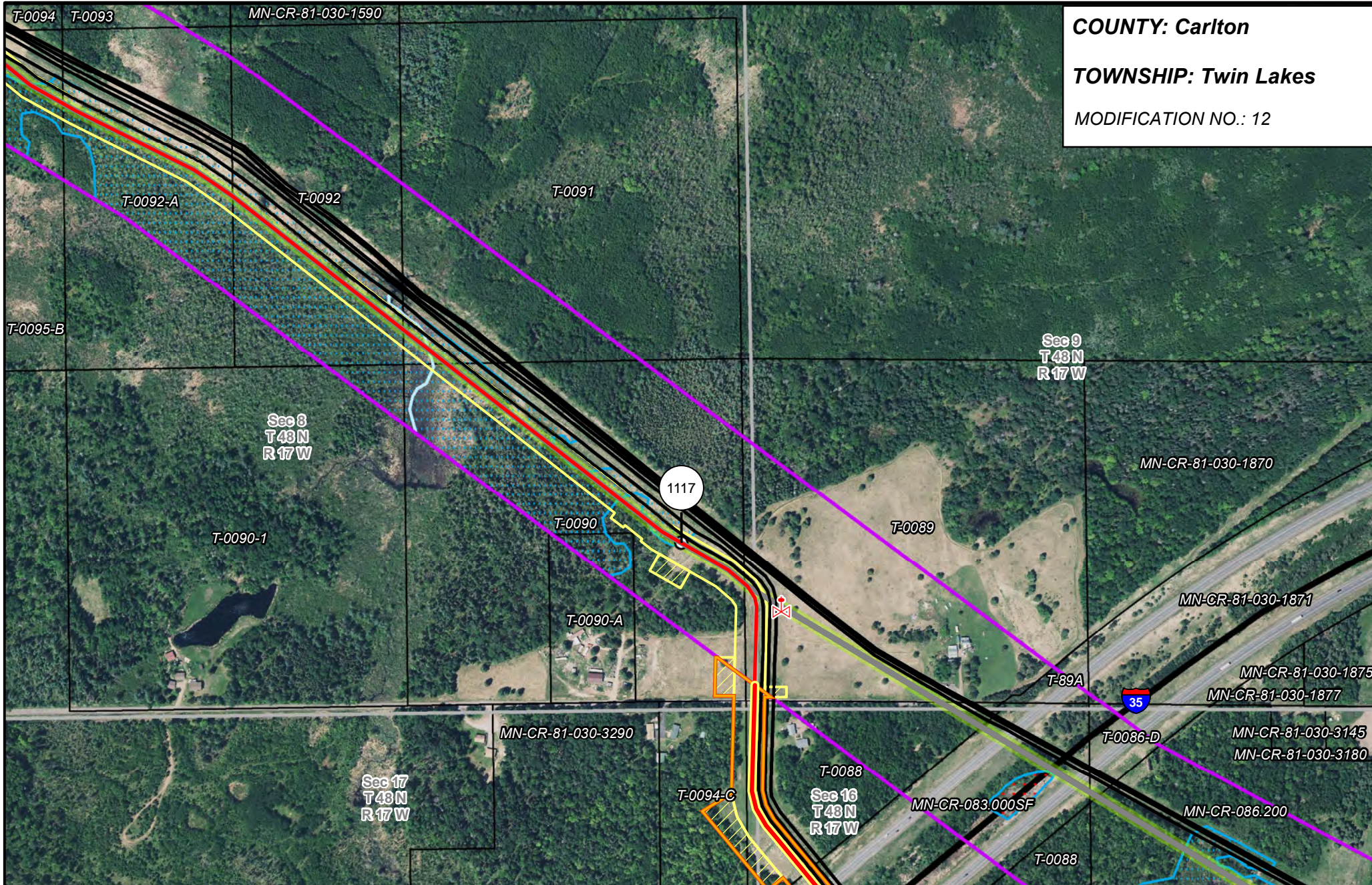
LINE 3 REPLACEMENT PIPELINE ROUTE AMENDMENT

DRAWN: CLS CHECKED: --
 DATE: January 28, 2019 SCALE: 1:6,000

0 250 500
 Feet

Map 343 of 378

COUNTY: Carlton
TOWNSHIP: Twin Lakes
 MODIFICATION NO.: 12



PUC Designated Route	Mile Post	Pipeline Outside PUC Corridor	Tract Boundary
ROW	Deviated Temporary Workspace	Surveyed Waterbodies	MN Section Boundary
Line 3R Pipeline	Deviated Additional Temporary Workspace	ESA	Township/City Boundary
Valve Location	Existing Enbridge Pipelines	Surveyed Wetlands	County Boundary
Enbridge Pump Station	Existing Electric Transmission	NWI Wetlands	
	Existing Third Party Pipelines	Workspace Outside PUC Corridor	

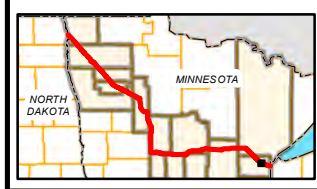
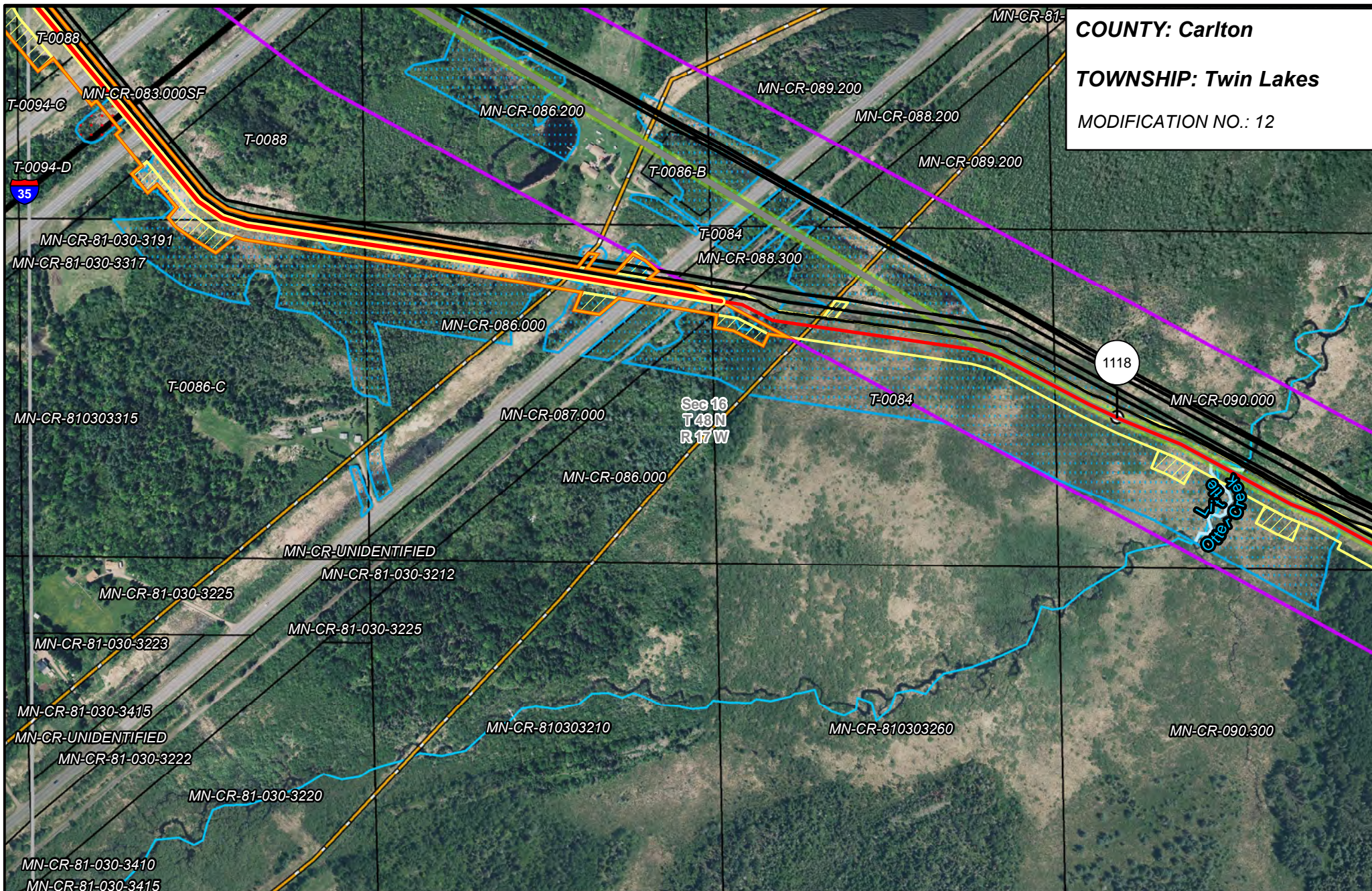
LINE 3 REPLACEMENT PIPELINE ROUTE AMENDMENT

DRAWN: CLS CHECKED: --
 DATE: January 24, 2019 SCALE: 1:6,000

Map 366 of 378



COUNTY: Carlton
TOWNSHIP: Twin Lakes
 MODIFICATION NO.: 12



- | | | | |
|-----------------------|---|--------------------------------|------------------------|
| PUC Designated Route | Mile Post | Pipeline Outside PUC Corridor | Tract Boundary |
| ROW | Deviated Temporary Workspace | Surveyed Waterbodies | MN Section Boundary |
| Line 3R Pipeline | Deviated Additional Temporary Workspace | ESA | Township/City Boundary |
| Valve Location | Existing Enbridge Pipelines | Surveyed Wetlands | County Boundary |
| Enbridge Pump Station | Existing Electric Transmission | NWI Wetlands | |
| | Existing Third Party Pipelines | Workspace Outside PUC Corridor | |

LINE 3 REPLACEMENT PIPELINE ROUTE AMENDMENT

DRAWN: CLS CHECKED: --
 DATE: January 24, 2019 SCALE: 1:6,000

0 250 500
 Feet

Map 367 of 378

**In the Matter of the Application of Enbridge
Energy, Limited Partnership for a Pipeline
Route Permit for the Line 3 Replacement
Project in Minnesota from the North Dakota
Border to the Wisconsin Border**

MPUC Docket No. PL-9/PPL-15-137

CERTIFICATE OF SERVICE

I, Katelyn Benz, hereby certify that I have this day, served true and correct copies of the following documents to all persons at the addresses indicated on the attached list by electronic filing, electronic mail, courier, interoffice mail or by depositing the same enveloped with postage paid in the United States mail at Minneapolis, Minnesota.

1. Cover Letter
2. Application for Approval of Route Width Variations and Permit Amendment with Attachments A-D

Dated this 5th day of May, 2020.

/s/ Katelyn Benz

69935515 v1

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Michael	Ahern	ahern.michael@dorsey.com	Dorsey & Whitney, LLP	50 S 6th St Ste 1500 Minneapolis, MN 554021498	Electronic Service	No	OFF_SL_15-137_Official
Kenneth	Barker	kenneth.barker@centurylink.com	Centurylink Communications, LLC	100 CenturyLink Drive Monroe, LA 71203	Electronic Service	No	OFF_SL_15-137_Official
Sarah	Beimers	sarah.beimers@state.mn.us	Department of Administration - State Historic Preservation Office	50 Sherburne Avenue Suite 203 St. Paul, MN 55155	Electronic Service	No	OFF_SL_15-137_Official
Brian	Bell	bell.brian@dorsey.com	Dorsey & Whitney LLP	50 South Sixth St. Suite 1500 Minneapolis, Minnesota 55402	Electronic Service	No	OFF_SL_15-137_Official
Frank	Bibeau	frankbibeau@gmail.com	White Earth Band of Ojibwe	51124 County Road 118 Deer River, Minnesota 56636	Electronic Service	No	OFF_SL_15-137_Official
Seth	Bichler	sethbichler@fdlrez.com	Fond du Lac Band of Lake Superior Chippewa	1720 Big Lake Rd Cloquet, MN 55720	Electronic Service	No	OFF_SL_15-137_Official
Paul	Blackburn	paul@honorearth.org		PO Box 63 Callaway, MN 56521	Electronic Service	Yes	OFF_SL_15-137_Official
Paul	Blackburn	paul@paulblackburn.net		PO Box 17234 Minneapolis, MN 55417	Electronic Service	No	OFF_SL_15-137_Official
Ellen	Boardman	eboardman@odonoghuelaw.com	O'Donoghue & O'Donoghue LLP	5301 Wisconsin Ave NW Ste 800 Washington, DC 20015	Electronic Service	No	OFF_SL_15-137_Official
Christina	Brusven	cbrusven@fredlaw.com	Fredrikson Byron	200 S 6th St Ste 4000 Minneapolis, MN 554021425	Electronic Service	No	OFF_SL_15-137_Official
Dan	Chapman	Daniel.Chapman@xcelenergy.com		N/A	Electronic Service	No	OFF_SL_15-137_Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Generic Notice	Commerce Attorneys	commerce.attorneys@ag.state.mn.us	Office of the Attorney General-DOC	445 Minnesota Street Suite 1400 St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_15-137_Official
Brendan	Cummins	brendan@cummins-law.com	Cummins & Cummins, LLP	1245 International Centre 920 Second Avenue South Minneapolis, MN 55402	Electronic Service	No	OFF_SL_15-137_Official
Randall	Doneen	randall.doneen@state.mn.us	Department of Natural Resources	500 Lafayette Rd, PO Box 25 Saint Paul, MN 55155	Electronic Service	No	OFF_SL_15-137_Official
John E.	Drawz	jdrawz@fredlaw.com	Fredrikson & Byron, P.A.	Suite 4000 200 South Sixth Street Minneapolis, MN 554021425	Electronic Service	No	OFF_SL_15-137_Official
Donovan	Dyrdal	dyr-valley@hughes.net		13142 180TH ST NW Thief River Falls, Minnesota 56701	Electronic Service	No	OFF_SL_15-137_Official
Kate	Fairman	kate.frantz@state.mn.us	Department of Natural Resources	Box 32 500 Lafayette Rd St. Paul, MN 551554032	Electronic Service	No	OFF_SL_15-137_Official
Leli	Fatehi	leili@advocatepllc.com	Sierra Club	4849 12th Ave S Minneapolis, MN 55417	Electronic Service	Yes	OFF_SL_15-137_Official
Sharon	Ferguson	sharon.ferguson@state.mn.us	Department of Commerce	85 7th Place E Ste 280 Saint Paul, MN 551012198	Electronic Service	No	OFF_SL_15-137_Official
Rachel	Freeman	rachel.freeman@scotiabank.com	Global Equity Research	40 King St. W. 65th Floor Toronto, ON, CANADA M5W 2X6	Electronic Service	No	OFF_SL_15-137_Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Anna	Friedlander	afriedlander@odonoghuelaw.com	O'Donoghue & O'Donoghue LLP	5301 Wisconsin Ave NW Suite 800 Washington, DC 20016	Electronic Service	No	OFF_SL_15-137_Official
Thomas	Hingsberger	thomas.j.hingsberger@usace.army.mil	Corps of Engineers, St. Paul District	180 5th St E Ste 700 Saint Paul, MN 55101	Electronic Service	No	OFF_SL_15-137_Official
Kari	Howe	kari.howe@state.mn.us	DEED	332 Minnesota St, #E200 1ST National Bank Bldg St. Paul, MN 55101	Electronic Service	No	OFF_SL_15-137_Official
Samuel	Jackson	sam@cummins-law.com		1245 International Centre 920 Second Ave South Minneapolis, MN 55402	Electronic Service	No	OFF_SL_15-137_Official
Arshia	Javaherian	arshia.javaherian@enbridge.com	Enbridge Energy	26 East Superior Street Suite 309 Duluth, MN 55802	Electronic Service	No	OFF_SL_15-137_Official
Linda	Jensen	linda.s.jensen@ag.state.mn.us	Office of the Attorney General-DOC	1800 BRM Tower 445 Minnesota Street St. Paul, MN 551012134	Electronic Service	No	OFF_SL_15-137_Official
Hudson	Kingston	hudson@advocatepllc.com	Advocate PLLC	4849 12th Ave S Minneapolis, MN 55414	Paper Service	No	OFF_SL_15-137_Official
Ray	Kirsch	Raymond.Kirsch@state.mn.us	Department of Commerce	85 7th Place E Ste 500 St. Paul, MN 55101	Electronic Service	No	OFF_SL_15-137_Official
Anthony	Kit	a.kit@kghl.net		2828 N Harwood St Suite 1240 Dallas, TX 75202	Electronic Service	No	OFF_SL_15-137_Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Rachel	Kitze Collins	rakitze@locklaw.com	Lockridge Grindeal Nauen PLLP	100 Washington Ave S Suite 2200 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_15-137_Official
Dan	Leshner	dlesher@greenergy.com	Great River Energy	12300 Elm Creek Blvd Maple Grove, MN 55369	Electronic Service	No	OFF_SL_15-137_Official
Michelle	Lommel	mlommel@GREnergy.com	Great River Energy	12300 Elm Creek Blvd Maple Grove, MN 55369	Electronic Service	No	OFF_SL_15-137_Official
Patrick	Mahlberg	pmahlberg@fredlaw.com	Fredrikson & Byron, P.A.	200 S 6th St Ste 4000 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_15-137_Official
Philip	Mahowald	pmahowald@thejacobsongroup.com	Jacobson Law Group	180 East Fifth Street Suite 940 St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_15-137_Official
Joseph	Martoglio	Joseph.R.Martoglio@jpmchase.com		N/A	Electronic Service	No	OFF_SL_15-137_Official
Brian	Meloy	brian.meloy@stinson.com	STINSON LLP	50 S 6th St Ste 2600 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_15-137_Official
John	Munter	mumooatthefarm@yahoo.com		14860 Bruce Crk Rd Warba, MN 55793	Electronic Service	No	OFF_SL_15-137_Official
Michael	Murphy	mmurphy@thejacobsongroup.com		180 East Fifth Street Suite 940 St. Paul, MN 55101	Electronic Service	No	OFF_SL_15-137_Official
Charles	Nauen	cnnauen@locklaw.com	Lockridge Grindal Nauen	Suite 2200 100 Washington Avenue South Minneapolis, MN 55401	Electronic Service	No	OFF_SL_15-137_Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Ann	O'Reilly	ann.oreilly@state.mn.us	Office of Administrative Hearings	PO Box 64620 St. Paul, MN 55101	Electronic Service	No	OFF_SL_15-137_Official
Marsha	Parlow	mparlow@grenergy.com	Great River Energy	12300 Elm Creek Boulevard Maple Grove, MN 553694718	Electronic Service	No	OFF_SL_15-137_Official
Alice	Peterson	N/A		24153 300th St NW Argyle, MN 56713	Paper Service	No	OFF_SL_15-137_Official
Joseph	Plumer	joep@whiteearth.com	Red Lake Band of Chippewa Indians	P.O. Box 567 Red Lake, Minnesota 56671	Electronic Service	No	OFF_SL_15-137_Official
Craig	Poorker	cpoorker@grenergy.com	Great River Energy	12300 Elm Creek Boulevard Maple Grove, MN 55369	Electronic Service	No	OFF_SL_15-137_Official
Kevin	Pranis	kpranis@liunagroc.com	Laborers' District Council of MN and ND	81 E Little Canada Road St. Paul, Minnesota 55117	Electronic Service	No	OFF_SL_15-137_Official
James W.	Reents	jwreents@gmail.com		4561 Alder Ln NW Hackensack, MN 56452	Electronic Service	Yes	OFF_SL_15-137_Official
Generic Notice	Residential Utilities Division	residential.utilities@ag.state.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131	Electronic Service	Yes	OFF_SL_15-137_Official
Stephan	Roos	stephan.roos@state.mn.us	MN Department of Agriculture	625 Robert St N Saint Paul, MN 55155-2538	Electronic Service	No	OFF_SL_15-137_Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Akilah	Sanders Reed	akilah.project350@gmail.com		2514 Emerson Ave S Apt 7 Minneapolis, Minnesota 55405	Electronic Service	Yes	OFF_SL_15-137_Official
Claudia	Schrull	CLAUDIA.SCHRULL@ENBRIDGE.COM	Enbridge Pipelines (North Dakota) LLC	Suite 3300 1100 Louisiana Houston, TX 77002	Electronic Service	No	OFF_SL_15-137_Official
Will	Seuffert	Will.Seuffert@state.mn.us	Public Utilities Commission	121 7th PI E Ste 350 Saint Paul, MN 55101	Electronic Service	Yes	OFF_SL_15-137_Official
Janet	Shaddix Elling	jshaddix@janetshaddix.com	Shaddix And Associates	7400 Lyndale Ave S Ste 190 Richfield, MN 55423	Electronic Service	No	OFF_SL_15-137_Official
Eileen	Shore	eileenshore@outlook.com	Friends of the Headwaters	3137 42nd Ave So Minneapolis, MN 55406	Electronic Service	No	OFF_SL_15-137_Official
Richard	Smith	grizrs615@gmail.com	Friends of the Headwaters	P.O. Box 583 Park Rapids, MN 56470	Electronic Service	No	OFF_SL_15-137_Official
Mollie	Smith	msmith@fredlaw.com	Fredrikson Byron PA	Suite 4000 200 South Sixth Street Minneapolis, MN 554021425	Electronic Service	No	OFF_SL_15-137_Official
Sarah	Stahelin	sarah.stahelin@llojbwe.org	Leech Lake Band of Ojibwe	190 Sailstar Dr. N.E. Cass Lake, MN 56633	Electronic Service	No	OFF_SL_15-137_Official
Sandy	Sterle	sssterle777@gmail.com		2676 County Road 104 Barnum, MN 55707	Electronic Service	No	OFF_SL_15-137_Official
Scott	Strand	SStrand@elpc.org	Environmental Law & Policy Center	60 S 6th Street Suite 2800 Minneapolis, MN 55402	Electronic Service	Yes	OFF_SL_15-137_Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Eric	Swanson	eswanson@winthrop.com	Winthrop & Weinstine	225 S 6th St Ste 3500 Capella Tower Minneapolis, MN 554024629	Electronic Service	Yes	OFF_SL_15-137_Official
Christine	Tezak	tezak@cvenergy.com		209 Constitution Avenue, NE Washington, DC 20002	Electronic Service	No	OFF_SL_15-137_Official
Shaan	Thind	Shaan.Thind@bmo.com	BMO Capital Markets	100 King St. West 3rd Floor Toronto, ON M5X 1H3 CANADA	Electronic Service	No	OFF_SL_15-137_Official
Jeremy	Tonet	jeremy.b.tonet@jpmorgan.com		N/A	Electronic Service	No	OFF_SL_15-137_Official
Sara	Van Norman	sara@svn.legal	Van Norman Law, PLLC	1010 W Lake St Ste 100- 130 Minneapolis, MN 55408	Electronic Service	No	OFF_SL_15-137_Official
Gerald	Von Korff	jvonkorff@rinkenoonan.com	Rinke Noonan	1015 W St Germain St St. Cloud, MN 56303	Electronic Service	No	OFF_SL_15-137_Official
James	Watts	james.watts@enbridge.com	Enbridge Pipelines (North Dakota) LLC	26 E Superior St Ste 309 Duluth, MN 55802	Electronic Service	No	OFF_SL_15-137_Official
Kenneth	Westlake	westlake.kenneth@epa.gov	US Environmental Protection Agency	Environmental Planning & Evaluation Unit 77 W Jackson Blvd. Mailstop B-19J Chicago, IL 60604-3590	Electronic Service	No	OFF_SL_15-137_Official
Jonathan	Wolfgram	Jonathan.Wolfgram@state.mn.us	Office of Pipeline Safety	Minnesota Department of Public Safety 445 Minnesota Street Suite 147 St. Paul, MN 55101-1547	Electronic Service	No	OFF_SL_15-137_Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
David	Zoll	djzoll@locklaw.com	Lockridge Grindal Nauen PLLP	100 Washington Ave S Ste 2200 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_15-137_Official