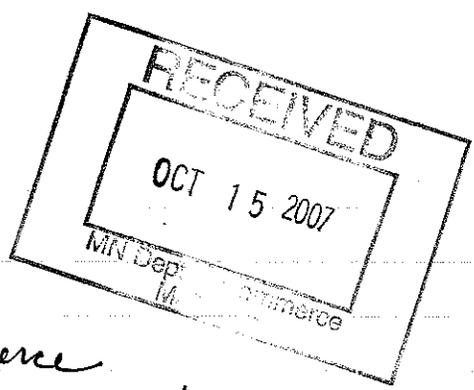


10/13/07  
Sharon Ferguson  
Department of Commerce  
PUC Docket No. PL E280/CP-06-1481



New segment of route proposed is along abandoned railroad track on east side of US Highway 65. Follow marked snowmobile trail to southside of US Highway 169, travel west along highway past city of Nashwauk on west side of mine dumps to cross under 169 and then to MSI plant.

They should have equipment now to dig into railroad bed. I have an existing pipeline built in the 1960<sup>'s</sup> and they had equipment then to remove huge boulders and large tree stumps.

Delores White  
DELORES WHITE  
22710 Co. Rd. 70  
BOVEY, MN. 55709  
218-245-3979



# Caution

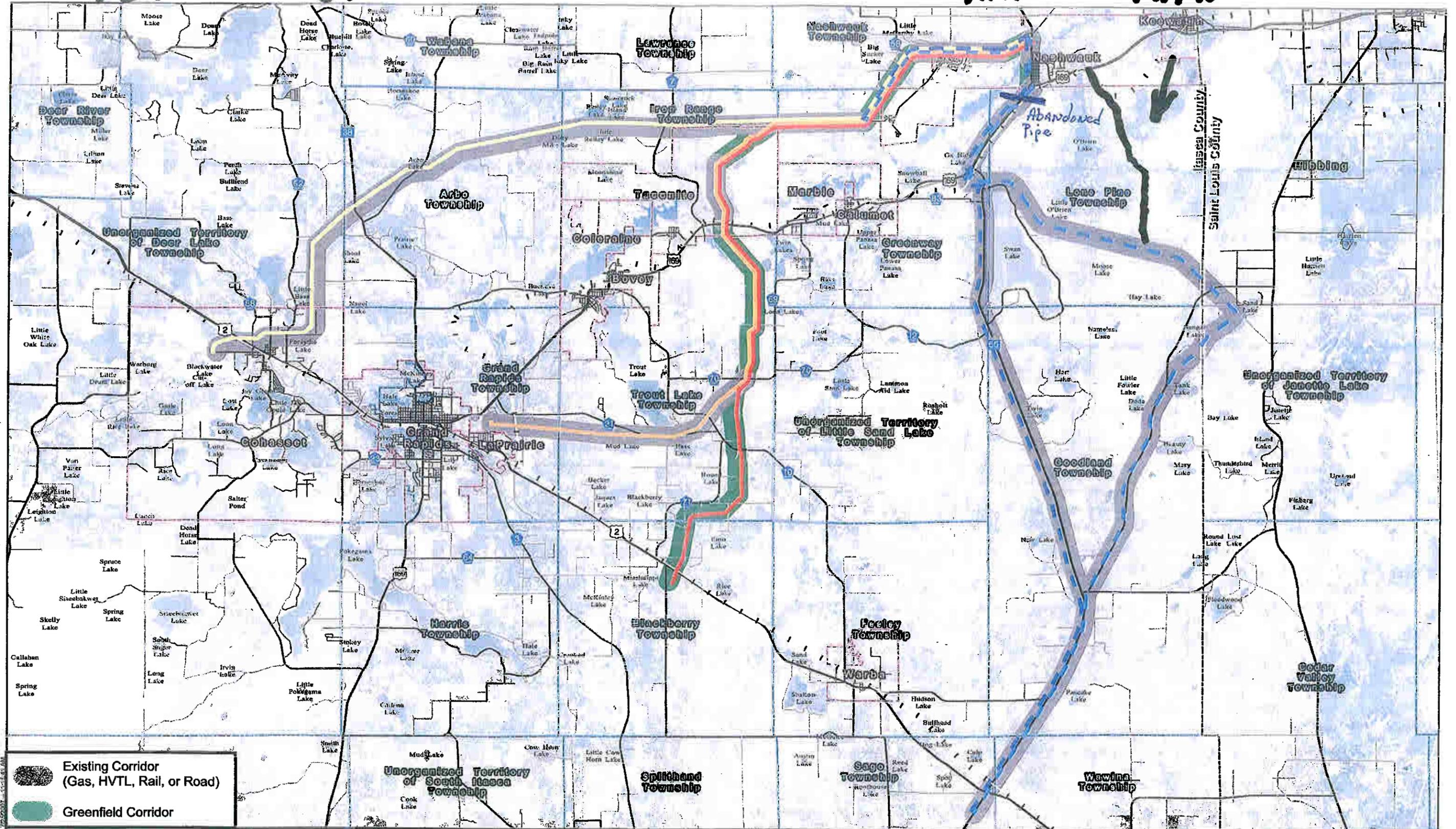
## ABANDONED PIPE IN THIS AREA

For Emergencies call: 1-888-367-0671  
Before grading or digging in this area call:  
MN ONE CALL: 1-800-252-1166  
WI ONE CALL: 1-800-242-9511  
MI ONE CALL: 1-800-482-7171



Northern Natural  
Gas Company

Enron Transportation & Storage



Map Document: (S:\KONWashu070\00GIS\MNPUC Permt Supplement Alternatives Analysis - 5 Alignments - CORRIDOR CLASS 11x17 L.mxd)

Existing Corridor (Gas, HVTL, Rail, or Road)

Greenfield Corridor

3535 VADNAIS CENTER DR.  
ST. PAUL, MN 55110  
PHONE: (651) 490-2000  
FAX: (651) 490-2150  
WATTS: 800-325-2055  
www.sehinc.com

**City of Nashwaug  
Public Utilities  
Commission**

July 2007

**Legend**

- 2005 Itasca County/MSI - Alternative 1 (05-ICMSI-1)
- 2005 Itasca County/MSI - Alternative 2 (05-ICMSI-2)
- 2005 Itasca County/MSI - Alternative 3 (05-ICMSI-3)
- 2007 NPUC/MNPUC Citizen's Route - Alternative P1 (07-MNPUC-P1)
- 2007 NPUC/MNPUC Citizen's Route - Alternative P2 (07-MNPUC-P2)
- MN Steel Plant Layout
- Existing Roads
- Existing Rail Lines
- Municipal Boundaries
- Civil Township Boundaries
- County Boundaries

Source: NAIP 2003 & 2006, Itasca County, USGS, Mn/DOT, LMIC-EOB, Barr, MN Steel, and SEH © 2007 SEH

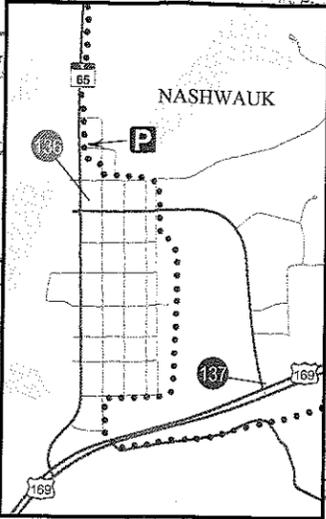
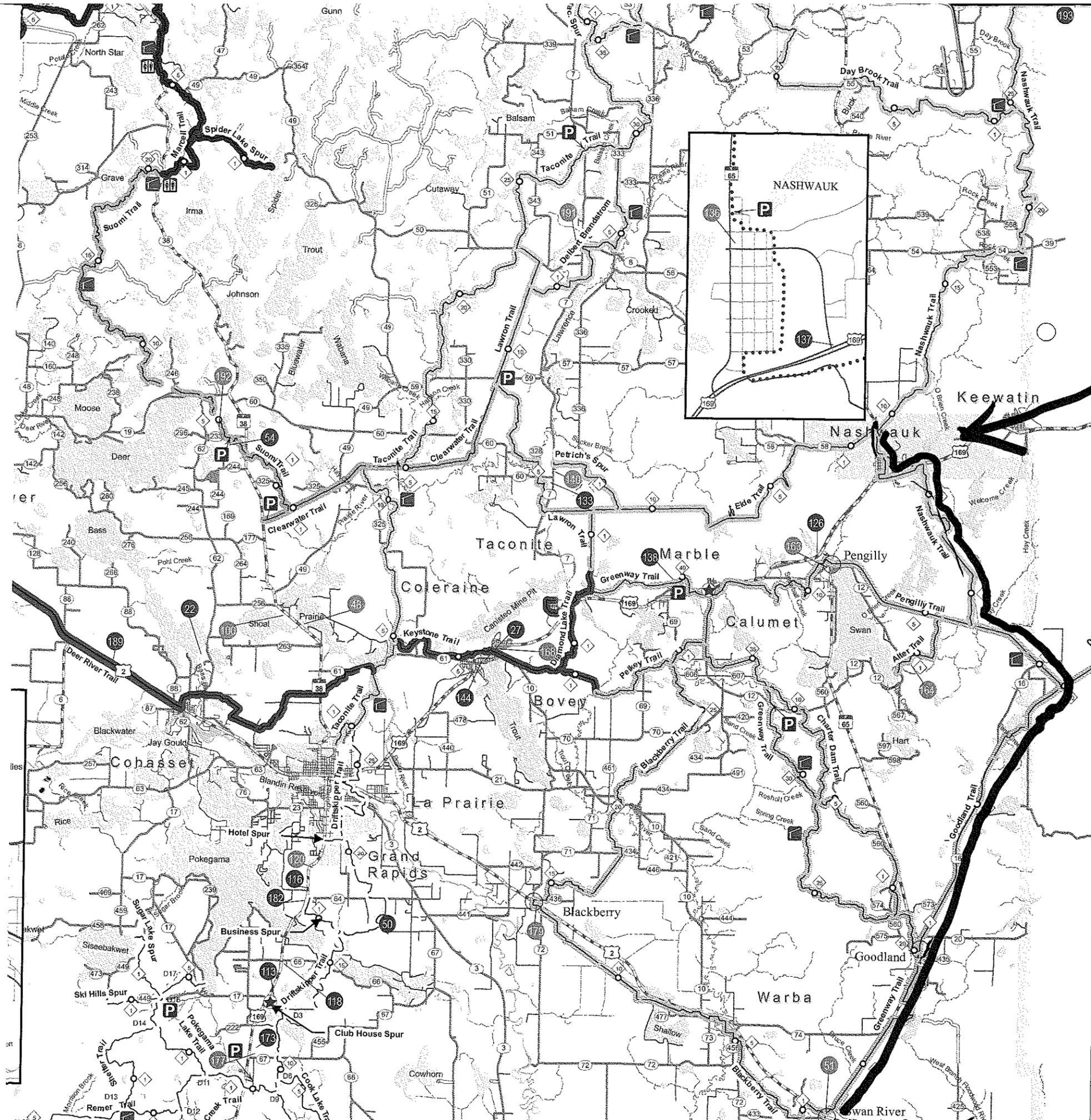
**Nashwaug-Blackberry  
Pipeline Project**

**Route Corridor  
Existing vs. Greenfield  
Classification**

Itasca County - South  
Coordinate System

D - 25

0 2.5 Miles



BLACK LINE ALONG SNOWMOBILE TRAIL OR RAILROAD

Keewatin

NASHWAUK

Nashauk

Marble

Pengilly

Coeraine

Calumet

Bovey

Cohasse

La Prairie

Grand Rapids

Blackberry

Warba

Goodland

Swan River

Spider Lake Spur

Marcel Trail

Suomi Trail

Irma

Johnson

Moose

Deer

Bass

Pohl Creek

Deer River Trail

Blackwater

Jay Gould

Rice

Ski Hills Spur

Siseebakwet

Remer Trail

Spider

Trout

Johnson

Cutaway

Lawron Trail

Taconite

Delbert Branstrom

Crookett

Day Brook Trail

Nashauk Trail

Rock Creek

WELCOME CREEK



## Energy Facility Permitting

85 7<sup>th</sup> Place East, Suite 500  
St. Paul, Minnesota 55101-2198  
1.800.657.3794 / 651.296.4026  
FAX 651.297.7891 TTY 651.297.3067  
<http://energyfacilities.puc.state.mn.us>

September 11, 2007

Ms. Kathleen M. Brennan, Attorney  
McGrann Shea  
800 Nicollet Mall  
Suite 2600  
Minneapolis, Minnesota 55402-7035

RE: Information Request  
PUC Docket No. PL E280/GP-06-1481

Dear Ms. Brennan,

Per our telephone conversation, I am enclosing information on the Department's request for additional information on the abandoned pipeline.

A photograph of the underground utility marker and map (figure D-25 from the pipeline application) indicating the location in which the photograph was taken is enclosed. The Department is requesting that the applicant provide, at a minimum, the following information regarding this abandoned pipeline:

- Past and current ownership of the ROW;
- Previous function and usage (i.e., product, product supplier, end user);
- Pipeline specifications and map illustrating the full ROW (i.e., diameter, construction material, ROW width and length, beginning and termination points, depth, etc.);
- An evaluation of this "existing" ROW and its ability to serve as a corridor to supply natural gas to the NPUC.

The 70 day comment period for the consideration of alternative routes ends on October 15, 2007; in an effort to maintain the proposed schedule, the Department is asking that you submit your response by that date. If you have any comments or concerns, please do not hesitate to contact me.

Sincerely,



William Cole Storm, DOC-EFP

Responses to Minnesota Department of Commerce Information Requests 1-5

Docket Number: PL E280/GP-06-1481  
Requester: William Storm

**Information Request No. 1**

Date of Request: September 11, 2007  
Response Due: October 15, 2007  
Reference: Abandoned Gas Pipeline

The Department is requesting that the applicant provide, at a minimum, the following information regarding this abandoned pipeline [regarding underground utility marker and map from figure D-25 and photograph provided to Department]:

- Past and Current ownership of the ROW;
- Previous function and usage ( i.e. product, product supplier, end user);
- Pipeline specifications and map illustrating the full ROW ( i.e. diameter, construction material , ROW width and length, beginning and termination points, depth , etc.;
- An evaluation of this “existing” ROW and its ability to serve as a corridor to supply natural gas to the NPUC

**Response:**

- Past and present ownership of the ROW.

As indicated in the attached correspondence dated October 12, 2007 (IR-1(1)), from Denise Matthews, Right of Way Analyst for Northern Natural Gas Company (NNG), NNG originally owned the abandoned pipeline and associated ROW.

NNG noted that in approximately 1972 or 1973, as part of the expansion of state highway 169, NNG replaced and abandoned the pipeline that was within the highway ROW. According to NNG, the approximately 8,572 feet of the pipeline abandoned in place was purged of gas, is not currently in use, and is marked with signs as abandoned.

- Previous function and usage (i.e., product, product supplier, end user)

The product was natural gas, supplied by NNG to its customers.

- Pipeline specifications and map illustrating the full ROW (i.e., diameter, construction material, ROW width and length, beginning and termination points, depth, etc.)

NNG has described the pipeline as 10” diameter. If the ROW has reverted to the private landowner there is neither width nor length. Upon information and belief,

the ROW, if it exists, would be approximately 8,000 feet long and approximately 50 feet wide. The depth of the pipe would be 36" or greater.

NNG has provided a map of its current operating pipeline. Based on our best information, including the abandoned pipeline signs, we have shown the approximate location of the abandoned/removed pipeline (IR-1(2)).

- An evaluation of this "existing" ROW and its ability to serve as a corridor to supply natural gas to the NPUC.

As noted by NNG, this line was abandoned in 1972 or 1973 to accommodate relocation of Highway 169. Some of the "existing" ROW now runs under and along the Highway 169 ROW. If it could not serve an existing pipeline it seems unlikely to serve a new one even if it does exist. It also appears that the abandoned pipeline that was not in the Highway 169 ROW was removed. If so, that portion would not be available either as a pipeline or as ROW. Furthermore, the size of the abandoned pipeline was approximately 10 inches in diameter. Any ROW (to the extent it exists) would be unlikely to allow the proposed 24-inch diameter pipeline in the Nashwauk application.

In addition, the abandoned pipeline ROW (assuming that one still exists) has little ability to serve as a corridor to supply natural gas -- regardless of the alignment -- due to the ore reserves locations. Using any corridor based upon the abandoned pipeline (again, to the extent it exists), would require crossing ore reserves. Furthermore, it would require an alignment that places the pipeline through some parts of Nashwauk, raising the same fatal flaws described in the response to Information Request 2.

Response By: Phillip McLean  
Company: Natural Gas Consulting, Omaha, Nebraska  
Telephone: (402) 505-8835



Northern Natural Gas Company  
1111 South 103rd Street  
Omaha, NE 68124

October 12, 2007

Ms. Kaela Brennan  
McGrann Shea  
800 Nicollet Mall, Suite 2600  
Minneapolis, MN 55402-7035

RE: Gas Pipeline Routing Permit MPUC No. E280, GP-06-1481

Dear Ms. Brennan:

Northern Natural Gas Company ("Northern") owns and operates a 10-inch, high pressure natural gas pipeline that runs southwest from the City of Nashwauk, Minnesota and roughly parallels Highway 169. This pipeline is used to provide natural gas transportation services to several communities and industrial customers, including the local distribution company that serves the City of Nashwauk. To the best of our knowledge and belief, a majority of this pipeline is in private right-of-way.

As part of the expansion of state highway 169 in approximately 1972 or 1973, Northern replaced and abandoned a portion of the line that was within the highway right-of-way. The portion of the pipe abandoned in place, approximately 8,572 feet, was purged of gas, is not currently in use, and is marked with signs as abandoned.

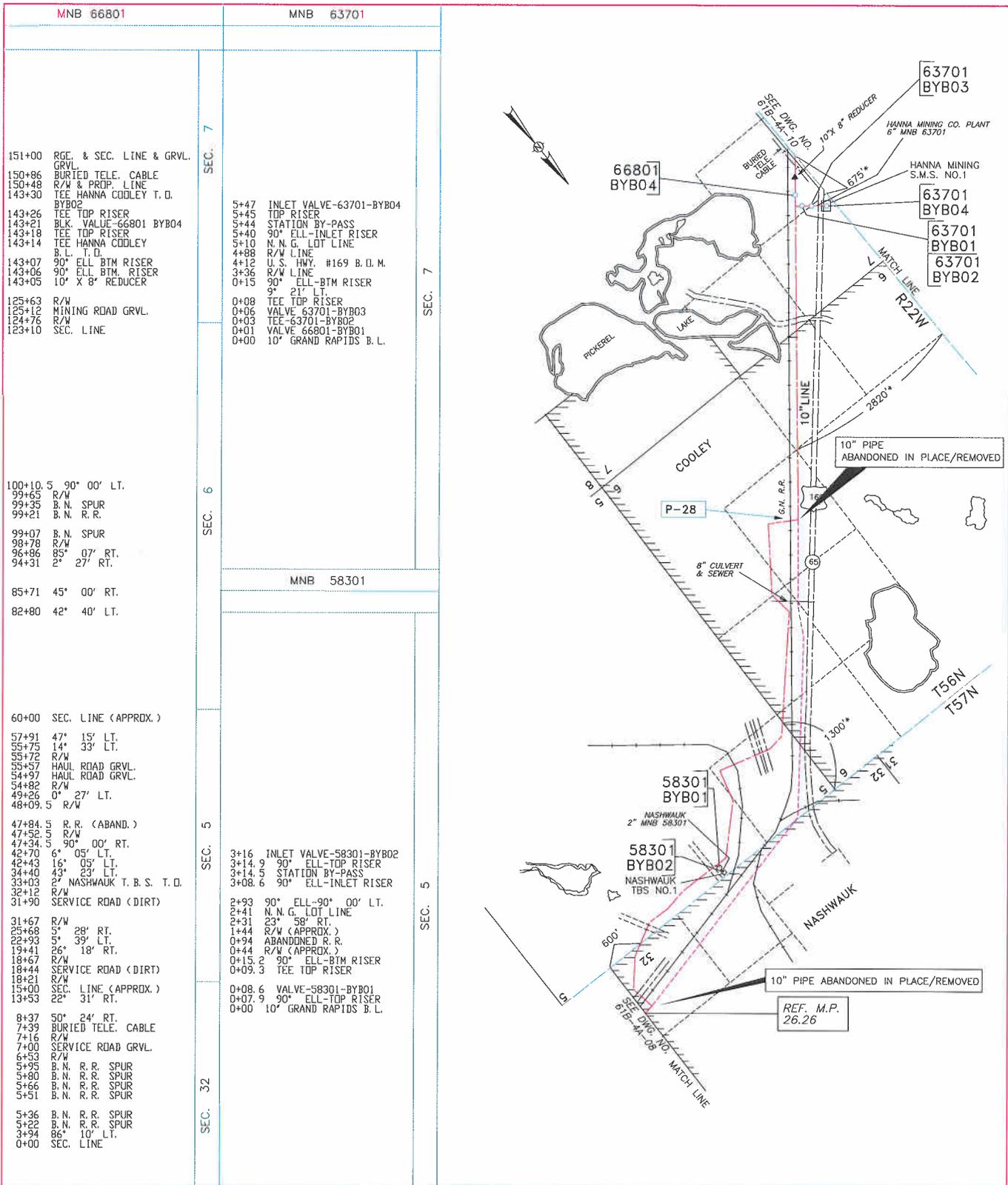
Please contact me if you have any question or need any additional information.

Sincerely,

Denise Matthews  
Right of Way Analyst  
(402) 398-7395

IR-1(1)

OCT 15 2007



MNB 66801

151+00 RGE. & SEC. LINE & GRVL. GRVL.  
 150+86 BURIED TELE. CABLE  
 150+48 R/W & PROP. LINE  
 143+30 TEE HANNA COOLEY T. D. BYB02  
 143+26 TEE TOP RISER  
 143+21 BLK. VALVE-66801 BYB04  
 143+18 TEE TOP RISER  
 143+14 TEE HANNA COOLEY B. L. T. D.  
 143+07 90° ELL BTM RISER  
 143+06 90° ELL BTM RISER  
 143+05 10" X 8" REDUCER

125+63 R/W  
 125+12 MINING ROAD GRVL.  
 124+76 R/W  
 123+10 SEC. LINE

MNB 63701

5+47 INLET VALVE-63701-BYB04  
 5+45 TOP RISER  
 5+44 STATION BY-PASS  
 5+40 90° ELL-INLET RISER  
 5+10 N. N. G. LOT LINE  
 4+88 R/W LINE  
 4+12 U. S. HWY. #169 B. D. M.  
 3+36 R/W LINE  
 0+15 90° ELL-BTM RISER  
 9" 21" LT.  
 0+08 TEE TOP RISER  
 0+06 VALVE 63701-BYB03  
 0+03 TEE-63701-BYB02  
 0+01 VALVE 66801-BYB01  
 0+00 10" GRAND RAPIDS B. L.

100+10.5 90° 00' LT.  
 99+65 R/W  
 99+35 B. N. SPUR  
 99+21 B. N. R. R.

99+07 B. N. SPUR  
 98+78 R/W  
 96+86 85° 07' RT.  
 94+31 2" 27' RT.

SEC. 6

85+71 45° 00' RT.  
 82+80 42° 40' LT.

MNB 58301

60+00 SEC. LINE (APPROX.)

57+91 47° 15' LT.  
 55+75 14° 33' LT.  
 55+72 R/W  
 55+57 HAUL ROAD GRVL.  
 54+97 HAUL ROAD GRVL.  
 54+82 R/W  
 49+26 0" 27' LT.  
 48+09.5 R/W

SEC. 5

47+84.5 R.R. (ABAND.)  
 47+52.5 R/W  
 47+34.5 90° 00' RT.  
 42+70 6' 05' LT.  
 42+43 16' 05' LT.  
 34+40 43' 23' LT.  
 33+03 2" NASHWAUK T. B. S. T. D.  
 32+12 R/W  
 31+90 SERVICE ROAD (DIRT)

SEC. 5

31+67 R/W  
 26+68 5" 28' RT.  
 22+93 5" 39' LT.  
 19+41 26" 18' RT.  
 18+67 R/W  
 18+44 SERVICE ROAD (DIRT)  
 18+21 R/W  
 15+00 SEC. LINE (APPROX.)  
 13+53 22" 31' RT.

SEC. 32

8+37 50° 24' RT.  
 7+39 BURIED TELE. CABLE  
 7+16 R/W  
 7+00 SERVICE ROAD GRVL.  
 6+53 R/W  
 5+95 B. N. R. R. SPUR  
 5+80 B. N. R. R. SPUR  
 5+66 B. N. R. R. SPUR  
 5+51 B. N. R. R. SPUR

5+36 B. N. R. R. SPUR  
 5+22 B. N. R. R. SPUR  
 3+94 86° 10' LT.  
 0+00 SEC. LINE

LEGEND		REFERENCE DRAWINGS AND/OR REVISIONS			
*	SCALED DIMENSION	ITEM	BY	DATE	CHK'D
		PATROL LOCATION		3900.5322.4059	
		VALVE		PATROL LOCATION	GLB 11-26-85
		DRIP		REVISED STATIONING	RM 08-14-91
		PAVED ROAD		INDEX UPDATE	BLS 9/28/04 LJA
		ASPHALT ROAD		CHANGED STA. 5+56 TO 5+47	BLS 11/19/04 LJA
		GRAVEL ROAD			
		OIL ROAD			
		DIRT ROAD			

Northern Natural Gas Company  
 Omaha, Nebraska

MINNESOTA  
 ITASCA COUNTY  
 GRAND RAPIDS BRANCH LINE  
 FROM MNN 86501 TO TBS NO. 1

TWP. 56 & 57 N RGE. 22 W

SCALE

DATE 5-25-78

DRAWN BY LEC CHECKED APPROVED

Northern Natural Gas Company

DWG. NO. 61B-4A 09

D19A

CADD: PO34.61B.4A.09

01 02

IR-1(2)