



414 Nicollet Mall
Minneapolis, MN 55401

February 1, 2017

—Via Electronic Filing—

Daniel P. Wolf
Executive Secretary
Minnesota Public Utilities Commission
121 7th Place East, Suite 350
St. Paul, MN 55101

RE: **Metropolitan Council Encroachment Agreement not Required for Black Dog
Natural Gas Pipeline Project Docket No. G002/GP-16-656**

Dear Mr. Wolf:

Northern States Power Company, a Minnesota corporation, doing business as Xcel Energy, submitted an Application for a Route Permit for the Black Dog Natural Gas Pipeline Project (Project) pursuant to Minnesota Rules Chapter 7852.0600 on August 18, 2016.

In our December 28, 2016 filing we noted that an encroachment agreement would be needed from the Metropolitan Council (Met Council) for the location where the proposed natural gas pipeline crosses beneath the Met Council's existing 66 inch sanitary sewer. Xcel Energy provided the Met Council with preliminary plans for the proposed pipeline. Upon review of those plans staff has informed us that an encroachment agreement is not necessary, because the pipeline will not interfere with the sanitary sewer if built as shown in the plans. A letter from Scott Dentz from the Met Council to this effect is enclosed.

Please contact me at ellen.l.heine@xcelenergy.com or 612-330-6073 if you have questions or would like further information regarding this matter.

Sincerely,

A handwritten signature in blue ink that reads 'Ellen Heine'.

Ellen Heine
Sr. Land Agent

January 20, 2017

Ms. Ellen Heine
Xcel Energy Sr. Land Agent
414 Nicollet Mall 414-6A
Minneapolis, MN 55401

Subject: Easement encroachment
Proposed pipeline crossing

Dear Ms. Heine,

The 16-inch Black Dog Pipeline Project U.P.R.R. bore will not interfere with our use of our easement, if it is constructed substantially as shown on the preliminary plan file No. 219 attached.

We do not believe it is necessary to enter into a consent agreement with NSP/Xcel, the grantor of our easement.

Please advise the contractor chosen to construct the pipeline, that stockpiles of soil or other material over the sewer interceptor will not be allowed and that the interceptor must be protected during construction activities including heavy truck traffic. We will mark the sewer when the contractor submits a Gopher State One Call location ticket.

I can be reached at 651-602-4503 if you wish to discuss this further.

Sincerely,

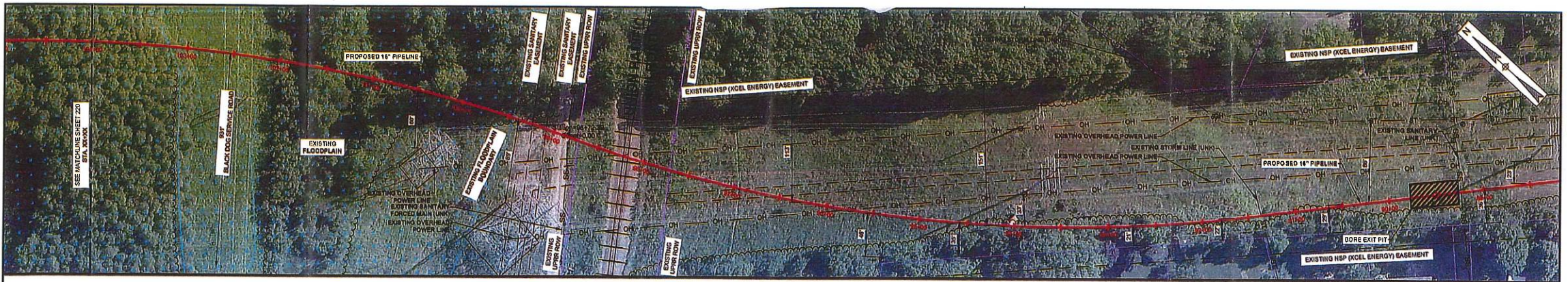


E. Scott Dentz
Manager Engineering and Design Interceptor Group
Metropolitan Council Environmental Services

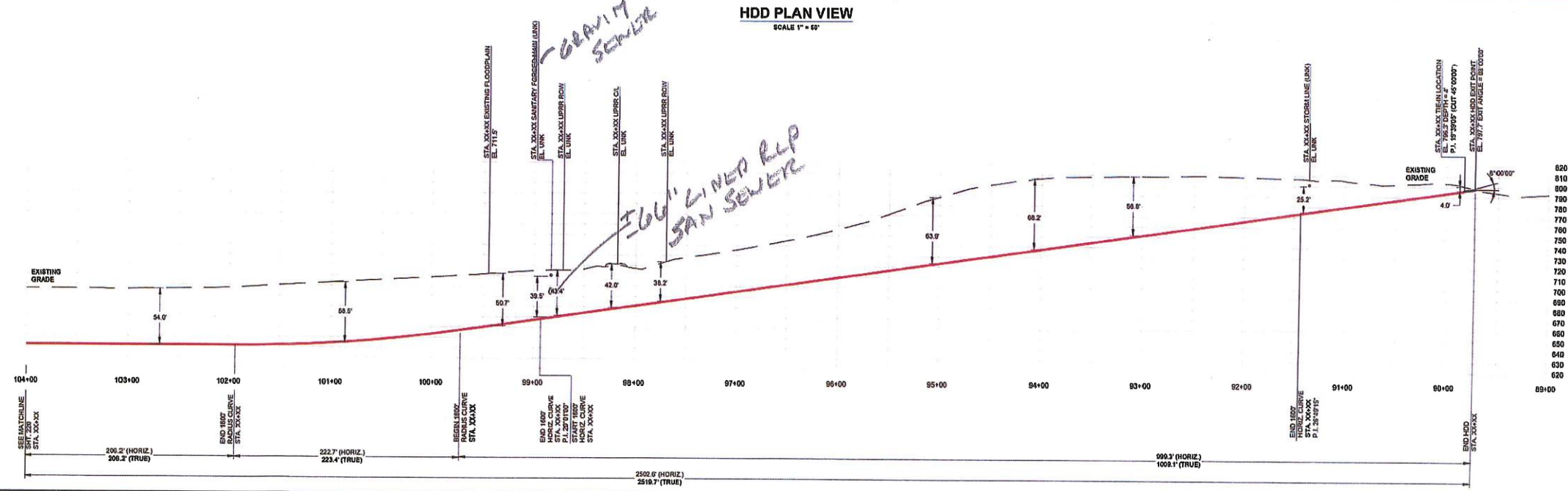
CC: Peter Owens

390 Robert Street North | Saint Paul, MN 55101-1805
P. 651.602.1000 | TTY. 651.291.0904 | metro council.org
An Equal Opportunity Employer





HDD PLAN VIEW
SCALE 1" = 50'



BORE PIPE SPEC

DESCRIPTION	CARRIER PIPE	PRE INSTALL TEST PRESSURES			POST INSTALL TEST PRESSURES		
CONTENTS TO BE HANDLED	NATURAL GAS	FOR MINIMUM 4 HOURS			FOR MINIMUM 4 HOURS		
OUTSIDE DIAMETER	16.000"	TEST MEDIUM: WATER			TEST MEDIUM: WATER		
PIPE MATERIAL	CARBON STEEL	PIPE MATERIAL: 16.000" O.D. x 0.375" WT, X52			PIPE MATERIAL: 16.000" O.D. x 0.375" WT, X52		
SPECIFICATION AND GRADE	API EL. X42, ERW	DESCRIPTION	PRESSURE	% SYMS	DESCRIPTION	PRESSURE	% SYMS
WALL THICKNESS	0.375"	MAOP	692 PSIG	28.4 %	MAOP	692 PSIG	28.4 %
MAX. DESIGN PRESSURE (CLASS 3)	1,219 PSIG	MINIMUM TEST PRESSURE	1,100 PSIG	48.4 %	MINIMUM TEST PRESSURE	1,100 PSIG	48.4 %
COATING	14-16 MILS FBE & 20-30 MILS AFD	MAXIMUM TEST PRESSURE	1,255 PSIG	51.5 %	MAXIMUM TEST PRESSURE	1,255 PSIG	51.5 %
NON-DESTRUCTIVE TESTING	100% XRAY						

PROFILE VIEW

SCALE HORIZ. 1" = 50'
SCALE VERT. 1" = 50'

MINIMUM PIPING MATERIAL	
① 16.000" PIPE 16.000" O.D. x 0.375" WT, CS, API EL. X42, ERW, 14-16 MILS FBE & 20-30 MILS AFD COATED	
WELD COATING MATERIAL	
1. CONTRACTOR TO APPLY A TWO-COMPONENT CATALYZED LIQUID EPOXY, APPLIED TO THE BIRTH WELD AREA TO A MINIMUM DRY-FILM THICKNESS OF 25 MILS WITH A PAINTER BRUSH OR ROLLER. ALL COATINGS MUST BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.	

- NOTES:**
- EN ENGINEERING HAS MADE AN EFFORT TO LOCATE ALL UNDERGROUND FACILITIES NOW EXISTING, BUT DOES NOT GUARANTEE THE ACCURACY OF THE INFORMATION SHOWN ON THIS MAP NOR DOES IT ACCEPT ANY RESPONSIBILITY FOR ERRORS IN LOCATION OR FAILURE TO INDICATE ANY SUCH FACILITIES.
 - ENTRY AND EXIT ANGLES ARE MEASURED FROM HORIZONTAL PLANE.
 - EXPOSE ALL EXISTING UTILITIES AT ENTRY/EXIT LOCATIONS PRIOR TO DRILLING. CONTRACTOR SHALL NOTIFY THE "ONE CALL" SYSTEM A MINIMUM OF 3 WORKING DAYS PRIOR TO BEGINNING WORK TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. SPECIFIC SAFETY PROCEDURES, OBTAINED BY COMPANY, ARE TO BE FOLLOWED AT ALL TIMES.
 - BLASTING NOT PERMITTED.

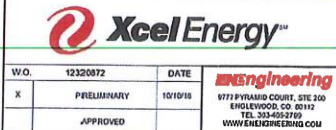
REFER TO SHEET XXX FOR GEOTECHNICAL REPORTS.
GEOTECHNICAL SUBSOIL BORE DEFINITIONS:
TOPSOIL:

SUMMARY

SUMMARY OF MATERIALS			REVISIONS			REFERENCE DRAWINGS		
NO.	QUANTITY MEASURED IN LENGTH OF BORE PIPE STRING(S)	QTY.	NO.	DATE	DESCRIPTION	DWG. NO.	TITLE	
						211	STA. 82+50 TO STA. 90+50	
						212	STA. 90+50 TO STA. 98+50	
						213	STA. 98+50 TO STA. 107+00	
						214	STA. 107+00 TO STA. 115+19	
						219	U.P.R.R. BORE DETAIL	
						221	U.P.R.R. BORE PULLBACK DETAIL	
TOTAL								

DATE	BY	W/O	DATE	BY	DESCRIPTION	ENGR.	DATE	BY

W.O.	12320072	DATE	10/09/18
X	PRELIMINARY		
	APPROVED		



XCEL ENERGY
16" BLACK DOG PIPELINE PROJECT
U.P.R.R. BORE DETAIL

DAKOTA COUNTY SECS. 10, 23, 24 & 25 - T 27 N - R 23 & 24 W MINNESOTA
SCALE 1"=30' DATE 10/10/18
DRAWN: K. KRAMER, CHK. DR. M. SUPPES, FILED: []
PWA APPR. / XCEL APPR.
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