

A MARKER BALL AT A NEW END OF MAIN, AT A VALVE, AT EACH  
ELL OF A HORIZONTAL OFFSET, AT ROAD CROSSINGS AND AT ANY  
FITTING OR PRESSURE CONTROL IDENTIFIED AS NEEDING TO BE  
LOCATED IN THE FUTURE. REFER TO CENTERPOINT ENERGY  
INSTALL CONSTRUCTION AND SERVICE MANUAL  
SECTION CS-B-1.310 FOR INSTALLATION PROCEDURE.

ALL RETIRED MAIN IS TO BE REMOVED. ALL PIPE IS  
TO BE DISPOSED BY CENTERPOINT ENERGY.  
CONTACT CHRIS LaNASA AT 612-861-8471 TO COORDINATE  
DISPOSAL AND ROLL AWAY.

Project area cleared for internal contaminants.  
No internal testing required.

NOTE: BORE ALL PAVED STREETS AND DRIVEWAYS  
Minimum depth requirements for crossings of state highways  
and county roads is 60". Minimum depth requirements for  
crossings of city streets and township roads is 48".  
Minimum depth for parallel installations on state highways and  
county roads is 36". Minimum depth for parallel installations  
on city streets and township roads is 30".

PROPRIETARY AND CONFIDENTIAL

PROJECT #: 72449058

M16000 LITTLE FALLS

ONE CALL:  
Morrison  
\*NE18 T129/R29  
\* = this Page

LEGEND:  
— ACTIVE MAIN  
— DESIGNED MAIN  
— PROPOSED ABANDONED/  
OUT OF SERVICE MAIN  
— ABANDONED/  
OUT OF SERVICE MAIN

PIPE REQUIRED:  
640' 3" STL CL-6  
69' 3" TR CL-6  
709' PIPE

PROPOSED ABANDONED PIPE:  
627' 3" TR CL-6  
627' PIPE

COPIES:  
PIPELINE INTEGRITY: NO  
GAS VALVE: NO  
DD NUMBER: NONE  
CORROSION: KEVIN KLINGEL  
EMP: YES

FOLLOW INTERNAL PIPE  
SAMPLING REQUIREMENTS? NO

SURVEYOR REQUIRED? NO

RETURN PACKET TO ENG? NO

PERMITS: CITY OF LITTLE FALLS  
MORRISON CO. ROAD 201  
BNSF RAILROAD-NOTIFY

"REVISED"

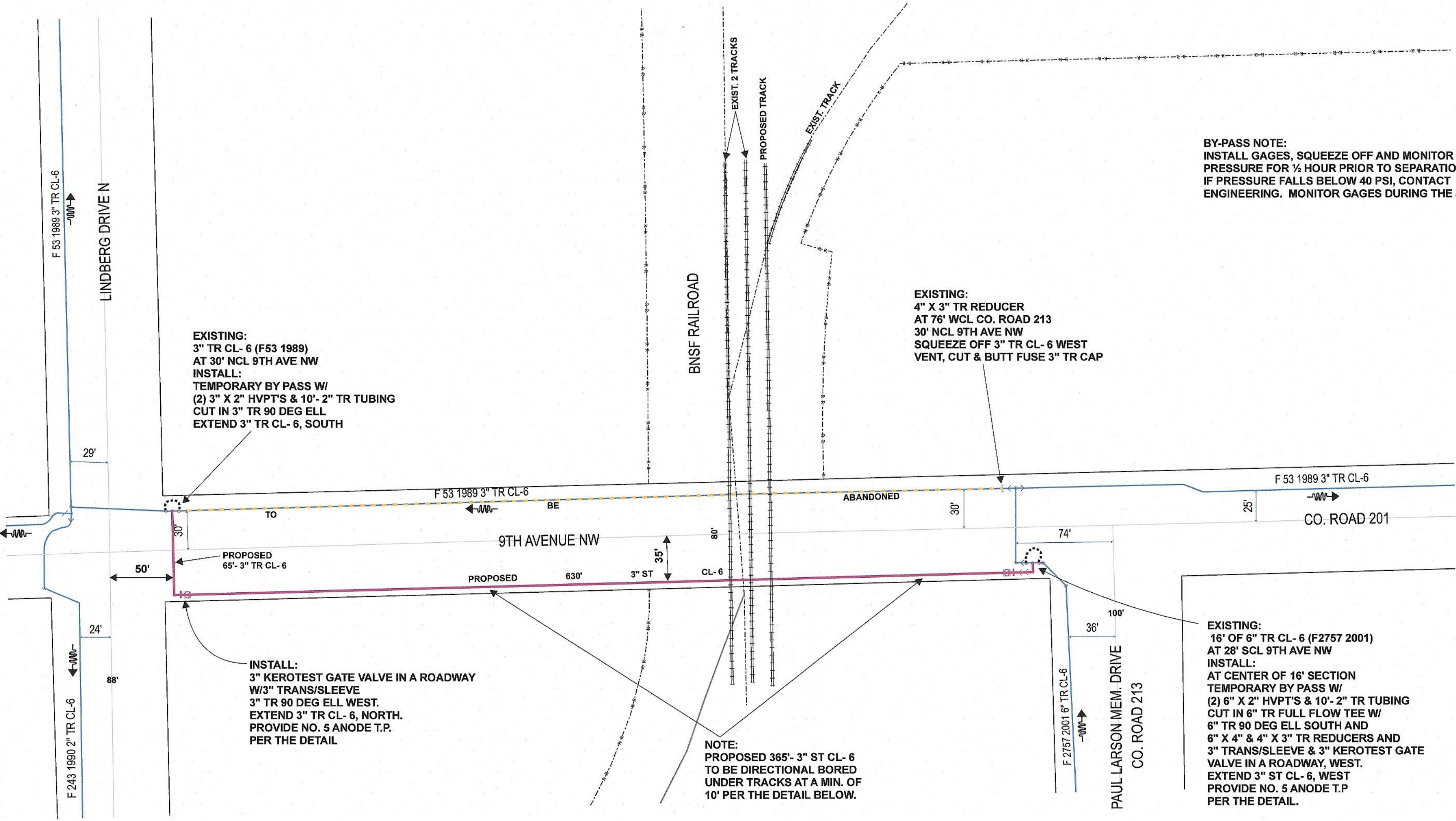
4-13-15  
MAIN REDESIGNED TO SOUTH  
SIDE OF 9TH AVE FROM PAUL  
LARSON PARKWAY TO  
LINDBERG DRIVE.

PROJECT DESCRIPTION: SREL  
9TH AVE & RR

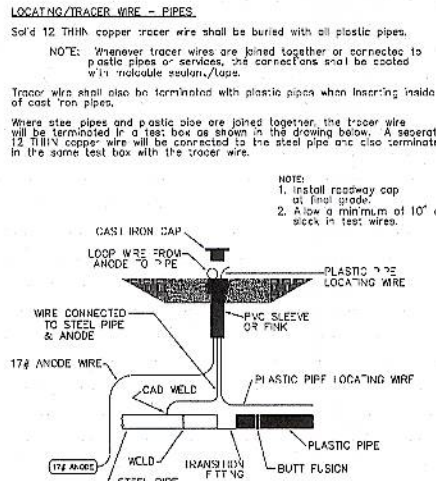
DESIGNER: Steve Guhanick  
PHONE #: 612-321-5421  
DRAWN BY: Steve Girouard  
DESIGN DATE: 2/11/2015

REVISION INFO:  
SEE ABOVE

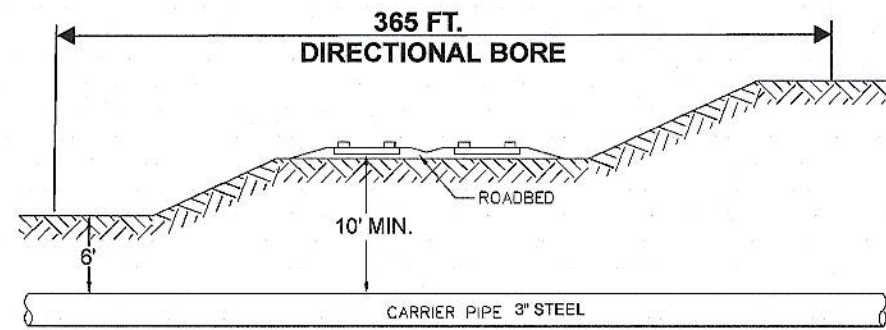
Main  
SCAN  
DATE: SCALE 1"=60'  
SHEET 1 OF 1



ANODE T.P. NO. 5  
OR TEST POINT WITH ANODE  
AND PLASTIC PIPE LOCATING STATION  
ROADWAY INSTALLATION



NOTE:  
AT STEEL TO PLASTIC MAIN CONNECTIONS  
PROVIDE ANODE AND TEST POINT PER THE  
DETAIL ABOVE. ALL TEST POINTS SHOULD  
BE INSTALLED IN THE BOULEVARD OR OTHER  
ACCEPTABLE LOCATIONS AND AVOID PLACEMENT  
IN DRIVING LANES.



NOTE:  
INSTALL THE PROPOSED 365' OF 3" STEEL CL-6 MAIN AT 10'  
UNDER RAILROAD TRACKS BY DIRECTIONAL BORE, PER THE  
DETAIL ABOVE.

CONSTRUCTION PROCEDURE

BNSF IS ADDING A THIRD TRACK REQUIRING NON CASED CROSSING TO BE  
REPLACED AT A DEPTH OF 10FT AND WITH STEEL PIPE. VERIFY EXISTING  
AND PROPOSED RAILROAD RIGHT OF WAY WITH YSIDOR RODRIGUEZ AT  
602-312-5424. INSTALL THE PROPOSED 365' OF 3" STEEL CL-6 MAIN WITH  
DIRECTIONAL BORE PER THE DETAIL BELOW. TEST AND PURGE NEW MAIN  
UNTIL ESSENTIALLY 100% READING IS OBTAINED ON A COMBUSTIBLE GAS  
INDICATOR PER THE CENTERPOINT ENERGY CONSTRUCTION AND SERVICE  
MANUAL SECTION CS-B-1.220 THROUGH CS-1.230 FOR CLASS 6 MAINS.  
MAKE TIE-INS AFTER TEMP. BY PASSES HAVE BEEN INSTALLED.

NO SERVICES ON SECTION OF MAIN TO BE ABANDONED.

TO ABANDON THE EXISTING PLASTIC MAIN REMOVE TEMP BY-PASSES WITH  
TR CAPS. PURGE ABANDONED MAIN UNTILL ESSENTIALLY 0% GAS  
READING IS OBTAINED ON COMBUSTIBLE GAS INDICATOR AS DIRECTED BY  
THE CENTERPOINT ENERGY CONSTRUCTION AND SERVICE MANUAL  
SECTION CS-B-1.110. ABANDONED MAIN TO BE REMOVED AND DISPOSED  
OF AS DIRECTED BY CHRIS LaNASA AT 612-861-8471.

PROVIDE NO. 5 ANODE TEST POINT AT STEEL TO PLASTIC MAIN  
CONNECTIONS PER THE DETAIL AND AS DIRECTED BY KEVIN KLINGEL AT  
612-910-1551.

I hereby certify that this plan, specification, or report was prepared  
by me or under my direct supervision and that I am a duly Licensed  
Professional Engineer under the laws of the State of Minnesota.

Signature *Laura L. Hirsch*

Type or Printed Name: Laura L. Hirsch

Date 4/14/15 REG. No 46667