

CONSTRUCTION NOTES

- Obtain Construction Plans from Designer prior to starting job.
- Coordinate with Contractor for exact locations of proposed structures and facilities prior to installation of gas facilities.
- Install new main as shown or as directed in field at time of installation.
- 1. INSTALL PROPOSED 4" PE TEE BETWEEN CONSTRUCTION FENCE AND SIGNAL POLE USING GFIP 336-2019
- 2. EXTEND PROPOSED 4" PE CL-6 MAIN NORTH ALONG OUTSIDE OF CONSTRUCTION FENCE TO WHERE THE EXISTING MAIN COMES UNDER THE FENCE.
- 3. TIE PROPOSED MAIN INTO EXISTING MAIN HEADING NORTH FROM FENCE CROSSING USING GFIP 336-2019
- 4. COMPLETE 4" TR ABANDONMENT ALONG SOUTH EDGE OF DEVELOPMENT WITHIN 10' UTILITY EASMENT ADJACENT TO THE IN PLACE TRAIL

WHEN BUTT FUSING TO EXISTING IN-SERVICE POLYETHYLENE, VISUALLY INSPECT FOR THE PRESENCE OF HYDROCARBON PERMEATION IMMEDIATELY AFTER REMOVING FUSION IRON. IF ANY BUBBLING IS IDENTIFIED ON THE HEATED SURFACE, DO NOT JOIN TO NEW PE PIPE. ALLOW TO COOL AND CUT THIS END OFF (12" LENGTH) AND SEND TO THE GOLDEN VALLEY LAB WITH STREET LOCATION AND W.O. #. COMPLETE TIE- IN/EXTENSION USING AN ELECTROFUSION COUPLING(S). DOCUMENT IN FIELD NOTES.

Project area cleared for internal impacts. Pipe being removed is unregulated for disposal if coating does not exist or is non-asbestos. Refer to CNP Construction and Service Manual CS-B-1.110, CS-B-1.330, and CS-B-1.100, for pipe to be abandoned.

It is a requirement on the Hennepin County permit that they be notified 24 hours prior to the start of any excavation. Please read the permit prior to starting excavation. Please call the county at 612-596-0339 or the individual county inspector's cell phone number listed on the permit.
north - Jake Cardinal -- 612-328-1622
south - Bob Rumsch -- 612-490-5416

THE CALL IS TO BE MADE 24 HOURS PRIOR TO CONSTRUCTION. PLEASE REMEMBER THAT THIS IS A COUNTY REQUIREMENT.

EXISTING: 4" TR MAIN (A5849 2000) IN VACATED ROW (IN DEVELOPMENT AREA) WITH MAIN JOB TIE-IN BETWEEN THIS MAIN AND 4" TR MAIN (51194218) TO THE NORTH AT +/- 128' NCL 85 ST & 23 ENBCL ZACHARY LN

INSTALL: LOCATE MAIN OUTSIDE OF CONSTRUCTION FENCE FOLLOW GFIP 336-2019 TO TIE PROPOSED 4" PE CL-6 TO EXISTING MAIN NORTH
EXTEND: 4" PE CL-6 SOUTH
CUT AND ABANDON: 4" TR MAIN SOUTH
USE: 4" PE TEMP CAP

EXISTING: 4" TR MAIN (61550859) AT 46' NWBCL

INSTALL: FOLLOW GFIP 336-2019 TO INSTALL A 4" PE TEE ON EXISTING 4" TR MAIN BETWEEN CONSTRUCTION FENCE & SIGNAL POLE
EXTEND: 4" PE CL-6 NORTH

CONSTRUCTION PROCEDURES

Install; Clean and Test; and Put in Service; Proposed new main per CenterPoint Energy Construction and Services Manual.

Procedure for tapping or making tie-ins to existing gas mains: Verify existing gas main size, type, and location prior to tapping or making tie-in. Monitor and verify, using a pressure gauge, existing gas main Pressure Class within the bell hole of tap location or tie-in location prior to tapping or making tie-in.

Purge new main until essentially 100% reading is obtained on Combustible Gas Indicator. See CenterPoint Energy Construction and Service Manual Section CS-B-1.230 for purging mains into service.

Complete all Service / Meter Work as directed. (See Service Survey)

See Abandonment Procedures for abandonment and purging procedures.

Install 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 Construction and Service Manual section CS-B-1.310 for installation procedures.

ABANDONMENT PROCEDURES

See Construction Procedures for installation of mains and services prior to abandonments.

Cut and Abandon existing main as shown. Purge abandoned mains until essentially 0% gas reading is obtained on Combustible Gas Indicator. See CenterPoint Energy Construction and Service Manual Section CS-B-1.110 and Section CS-B-1.230 for purging mains out of service using air movers.

Contact Engineering with questions.



MINNESOTA REGION

PROPRIETARY AND CONFIDENTIAL

PROJECT #: 90243130

M52900 MAPLE GROVE

ONE CALL:
Hennepin
*SE14 T119/R22
*NE23 T119/R22
*NW24 T119/R22
*SW13 T119/R22
* = this Page

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

PIPE REQUIRED:
129' 4" PE CL-6

129' PIPE

PROPOSED ABANDONED PIPE:
141' 4" TR CL-6

141' PIPE

COPIES:
PIPELINE INTEGRITY PACKET: N
STATION MANAGER: N
DD NUMBER:
CORROSION:
EMP: N

FOLLOW INTERNAL PIPE SAMPLING REQUIREMENTS? N

SURVEYOR REQUIRED? N

RETURN PACKET TO ENG? N

GFIP #: 336-2019
PERMITS:
CITY OF MAPLE GROVE
HENNEPIN COUNTY

PROJECT DESCRIPTION: SRER
ZACHARY LN

DESIGNER: TJ Haider
PHONE #: 612-321-5132
DRAWN BY: TJ Haider
DESIGN DATE: 5/22/2019

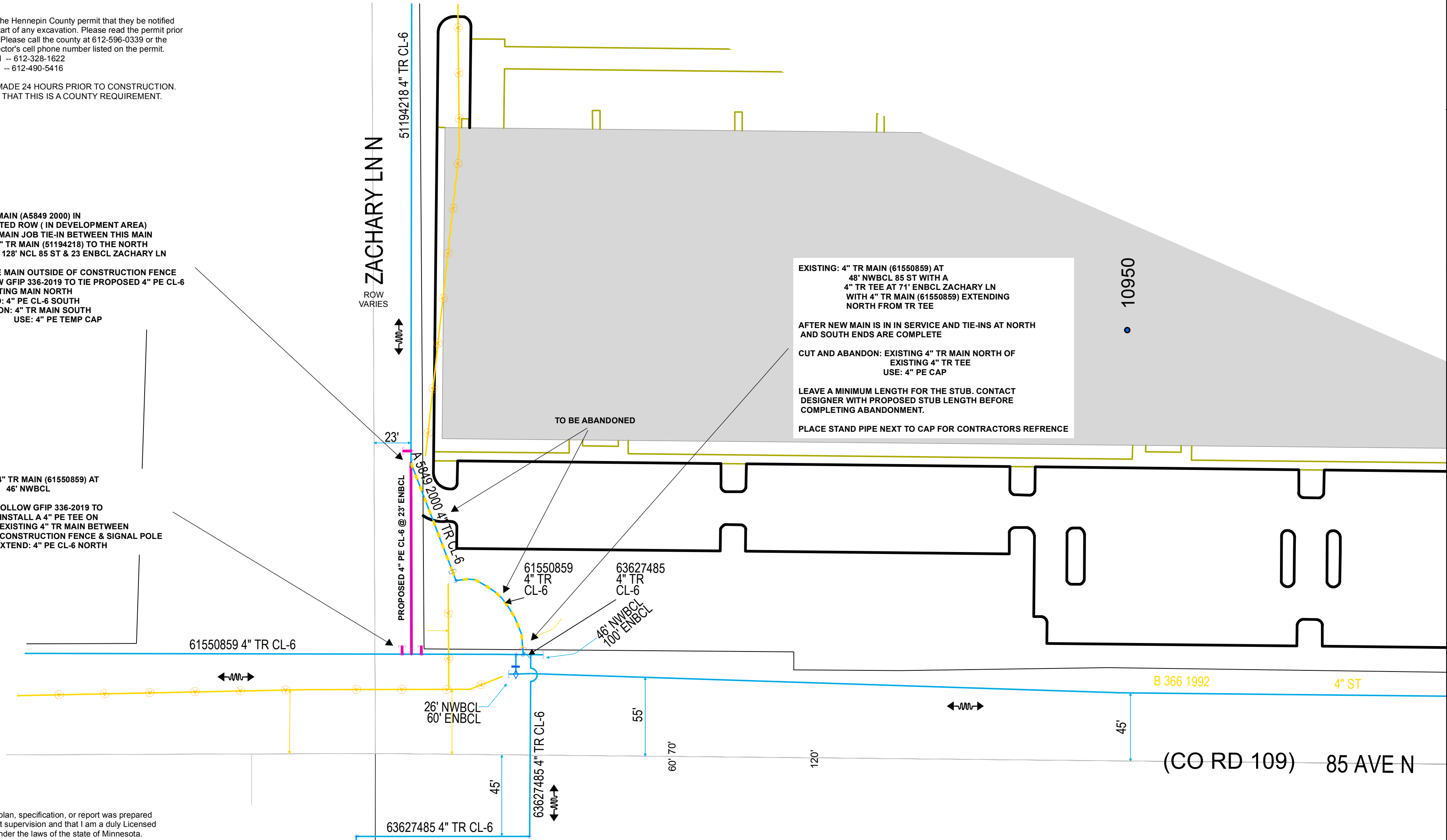
REVISION INFO:

Main
SS# SCALE 1" = 50'
SHEET 1 OF 1

DESIGNER EXPRESS DESIGN
6/12/2019 10:42:08 AM

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: _____
Typed or Printed Name: _____
Date: _____ License Number: _____



EXISTING: 4" TR MAIN (61550859) AT 48' NWBCL 85 ST WITH A 4" TR TEE AT 71' ENBCL ZACHARY LN WITH 4" TR MAIN (61550859) EXTENDING NORTH FROM TR TEE
AFTER NEW MAIN IS IN SERVICE AND TIE-INS AT NORTH AND SOUTH ENDS ARE COMPLETE
CUT AND ABANDON: EXISTING 4" TR MAIN NORTH OF EXISTING 4" TR TEE
USE: 4" PE CAP
LEAVE A MINIMUM LENGTH FOR THE STUB. CONTACT DESIGNER WITH PROPOSED STUB LENGTH BEFORE COMPLETING ABANDONMENT.
PLACE STAND PIPE NEXT TO CAP FOR CONTRACTORS REFERENCE