## CONSTRUCTION NOTES

Install new main as shown or as directed in field at time of installation. Contact Engineering for approval of field generated changes.

All test points should be installed in the boulevard or other acceptable locations and avoid placement in driving lanes.

Verify Coating test results if required prior to abandoning main.

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". All steel pipe welds to be coated with 2 part epoxy.

DENOTES COATING SAMPLE LOCATION. CONTACT CHRISTOPHER LANASA (612-321-5448) IN ENVIRONMENTAL PROGRAMS TO SCHEDULE SAMPLING OF PIPE COATING. GIVE 48 HOURS NOTICE WHEN POSSIBLE TO ARRANGE FOR A LICENSED INSPECTOR.

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.

Pipe > 4-inches Diameter (Unregulated PCB area): Pipe being removed must be tested for PCBs and asbestos to confirm disposal requirements - contact Environmental, 612-861-8471. For pipe to be abandoned, refer to CNP Construction and Service Manual CS-B-1.110, CS-B-1.330, and CS-B-1.100.

This project includes work on one-way feed mains.

Ensure all proposed main is in service, all taps are completed

CORROSION TECH FOR AREA IS



## CenterPoint Energy MINNESOTA REGION PROPRIETARY AND CONFIDENTIAL AND PLASTIC PIPE LOCATING STATION PROJECT #: 100152461 M16000 LITTLE FALLS

Tracer wire shall also be terminated with plastic pipes when inserting inside

18' 6" PE CL-5 1' 1/2" PE CL-5 \_\_\_\_\_ 626' PIPE COPIES: PIPELINE INTEGRITY PACKET: N STATION MANAGER: N DD NUMBER: N/A CORROSION: PAUL TEESELINK EMP: N FOLLOW INTERNAL PIPE SAMPLING REQUIREMENTS? Y

ONE CALL:

Morrison

\* = this Page

LEGEND:

PIPE REQUIRED:

355' 6" PE CL-5

163' 2" PE CL-5

518' PIPE

ACTIVE MAIN

DESIGNED MAIN

ABANDONED/

PROPOSED ABANDONED PIPE:

369' 6" STL CL-5

238' 2" STL CL-5

PROPOSED ABANDONED/

OUT OF SERVICE MAIN

OUT OF SERVICE MAIN

\*SE34 T41/R32

\*SW35 T41/R32

SURVEYOR REQUIRED? N RETURN PACKET TO ENG? N

PROJECT DESCRIPTION: SCAS

**1 ST NE CASING REPL** DESIGNER: Paul Jacks PHONE #: 612-321-5077 DRAWN BY: Paul Jacks DESIGN DATE: 10/11/2021

**REVISION INFO:** 

PERMITS: LITTLE FALLS MORRISON COUNTY

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: driv & Curs

Typed or Printed Name:	DANIEL G. CH	RISTENSEN
Date: 11/03/2021	License Number:	46588