

CONSTRUCTION NOTES

Obtain Construction Plans from Designer prior to starting job.

Coordinate with Contractor / Engineering Firm for exact locations of proposed structures and facilities prior to installation.

Install new main as shown or as directed in field at time of installation.

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.

CONSTRUCTION PROCEDURES

1. INSTALL 4" PE CL-6 MAIN ON HILLTON RD, SOUTH OF THOMAS DR

2. INSTALL NEW REG STATION AND PIPING

3. PLACE NEW STATION IN SERVICE

4. TAKE TBS ON 123 OUT OF SERVICE

5. MAKE ABANDONMENT

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

Purge new main until essentially 100% 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.

Install a marker ball at a main end of main, at valve, at each ell of a horizontal main, and at each corner of a main. Add a 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.

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 30". 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 LANASH (612-321-5448) IN ENVIRONMENTAL PLANNING FOR DIRECTION ON SAMPLING OF PIPE COATING. GIVE 48 HOURS NOTICE WHEN POSSIBLE TO ARRANGE FOR A LICENSED INSPECTOR.

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.

WHEN BUTT FUSING TO EXISTING IN-SERVICE POLYETHYLENE, VISUALLY INSPECT FOR IRON FLOC, IRON BLOWS, AND CARBON FORMATION 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.

EXISTING: 4" TR CAP (F737 1995) AT 31' WCL HILLTON RD 35' SCL THOMAS DR

INSTALL: SQUEEZE OFF EXISTING TR CAP FUSE 4" PE CL-6 TO EXISTING.

EXTEND: 4" PE CL-6 SOUTH

167' PIPE

INSTALL 4" PE MAIN BEFORE MAKING 2" PE TIE-IN TO FEED NEW REG LOOP

EXISTING: 2" TR MAIN (62170152) AT +/- 20' SCL 131 ST

INSTALL: 4" PE ELL AT 30' WCL HILLTON RD & 31' SCL 131 ST

3X4 PE REDUCER WEST AT 80' WCL HILLTON RD

3" TRANSISLEEVES WEST

- INSTALL CP TEST POINT WITH ANODE AND PLASTIC PIPE LOCATING STATION USING A ROADWAY

5' OF 3" CL-2 STEEL, WEST

3" KEROTEST GATE VALVE IN ROADWAY (EQUIP #15118276) WEST

CL-4 TO CL-2 REG LOOP (W08617738) WEST

ALL 4" PE ELLS ON FT. 123

[INSTALL 4" GUARD POSTS TO PROTECT LOOP]

2" KEROTEST GATE VALVE IN ROADWAY (EQUIP #15118275) WEST

AT A MINIMUM OF 60 FT FROM REG LOOP

5' OF 2" PE ELL, WEST

2" PE TRANSISLEEVES WEST

- INSTALL CP TEST POINT WITH ANODE AND PLASTIC PIPE LOCATING STATION USING A ROADWAY

2" PE ELL, WEST

2" PE FEED NORTH FOLLOW GFIP 324-2018 TO TIE INTO EXISTING 2" TR CL-6 MAIN

EXISTING 2" TR CL-6 MAIN

EXTEND: 4" PE CL-2 SOUTH FROM 4" PE ELL AT 31' WCL

EXISTING: 3" PE MAIN W/ CAP (F1854 1998) AT 23' SCL HILLTON RD 601' SCL 131 ST

INSTALL: SQUEEZE OFF EXISTING PE CAP

3X4 PE REDUCER NORTH

EXTEND: 4" PE CL-2 NORTH AT 31' WCL

EXISTING: 4" ST MAIN (AEE5259) AT 22' SCL 123 ST

NOTE: EXISTING 4" ST TEE (AEE5259) AT 12' ECL HILLTON RD

INSTALL: FOLLOW GFIP 325-2018 TO TAKE TBS OUT OF SERVICE

INSTALL 4" STOPPER FITTING OUT OF EXISTING TEE

CUT AND ABANDON: EXISTING MAIN EAST OF STOPPER

USE: 4" WELD CAP

INSTALL CP TEST POINT WITH ANODE USING A ROADWAY

WEST OF 4" WELD CAP

NEW REGULATOR STATION ON 131 ST MUST BE IN SERVICE BEFORE TAKING TBS OUT OF SERVICE

123 ST (CO RD 76)

HILLTON RD (CO RD 258)

AEE5259 1998 4" ST CL-2

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160-001

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