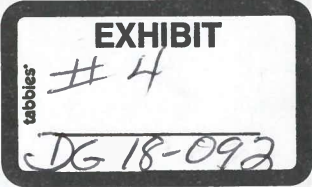




Liberty Utilities®
WATER | GAS | ELECTRIC



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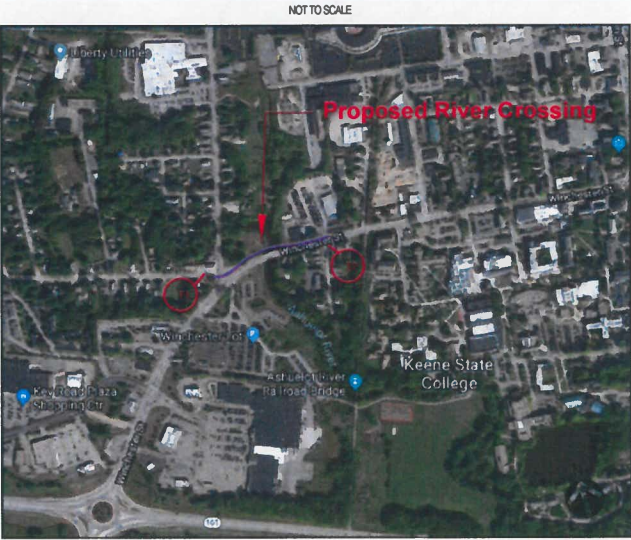
WORK ORDER NUMBER: 431814-37601
PROJECT NAME: ASHUELOT RIVER CROSSING

BUDGET NAME: GAS SYSTEM PLANNING & RELIABILITY

PROJECT INFORMATION

GAS ENGINEER: ANDREW MILLS
CONSTRUCTION SUPERVISOR: STEVE ROKES
PERMITS: CITY OF KEENE EXCAVATION PERMIT
NH DES SHORE LAND PERMIT
PUC PUBLIC WATER CROSSING LICENSE
COUNTY: CHESHIRE
TOWN: KEENE
24 HR. EMERGENCY LINE: LIBERTY UTILITIES OF NEW HAMPSHIRE
1-800-216-3820

VICINITY MAP



SHEET INDEX

DWG.	DESCRIPTION
T-1	TITLE SHEET
L-1	LAYOUT PLAN

PROJECT SUMMARY TABLE

PROPOSED INSTALLATION			PROPOSED ABANDONMENT		
LENGTH (FT)	SIZE (IN)	TYPE	LENGTH (FT)	SIZE (IN)	TYPE
720	8"	HDPE	0	NA	NA
110	8"	MDPE	0	NA	NA
25	4"	MDPE	0	NA	NA
PROPOSED GAS SERVICES					
ESTIMATED GAS SERVICES		REPLACEMENTS	TIE OVERS	TOTAL SERVICES	METER OUTS
		0	0	0	0

LEGEND

--- EXISTING GAS MAIN TO BE ABANDONED	⊙	TEST WELL
--- PROPOSED GAS MAIN	⊙	REGULATOR STATION
--- PROPOSED GAS MAIN UPRATE	⊙	SINGLE CUSTOMER REGULATOR
--- EXISTING WATER MAIN	⊙	METER
--- EXISTING SEWER MAIN	⊙	METER WITH REGULATOR
--- EXISTING UNDERGROUND COMMUNICATIONS	⊙	TEST POINT (STATION)
--- EXISTING STORM WATER	⊙	GAS SERVICE TIE-OVER
CS COATED STEEL GAS MAIN	⊙	GAS SERVICE REPLACEMENT
CI CAST IRON GAS MAIN	⊙	METER MOVE OUT
BS BARE STEEL GAS MAIN	⊙	TELEPHONE MANHOLE
WI WROUGHT IRON GAS MAIN	⊙	DRAIN MANHOLE
HD HIGH DENSITY POLYETHYLENE GAS MAIN	⊙	ELECTRIC MANHOLE
MD MEDIUM DENSITY POLYETHYLENE GAS MAIN	⊙	CATCH DRAIN
IP LOW PRESSURE	⊙	SEWER MANHOLE
MP INTERMEDIATE PRESSURE	⊙	FIRE HYDRANT
HP HIGH PRESSURE	⊙	UTILITY POLE
AT ATTACHED	⊙	WETLAND
BH BRIDGE HANGER	⊙	VALVE
BLOH BUILDING HANGER	⊙	CRITICAL GAS VALVE
DB DIRECTIONAL BORE	⊙	PRESSURE CONTROL FITTINGS
IS INSERTED	⊙	TRANSITION
OC OPEN CUT	⊙	END CAP
PL PNEUMATIC BORE	⊙	REDUCER
FL FLOWED	⊙	ELECTRONIC MARKER
RT ROOF TOP	⊙	
EXISTING	⊙	
PROPOSED	⊙	
	⊙	GAS MAIN TIE IN LOCATION
	⊙	GAS MAIN ABANDONMENT LOCATION

PROJECT DESCRIPTION

HDD 720' of 8" HDPE under Ashuelot River in the vicinity of the Winchester St Bridge. 110' of 8" MDPE to tie into existing 8" PE on Pearl St and 4" CI on Winchester St. Install small section of 4" PE to cross road to tie into existing 4" CI main on eastern end of project.

GENERAL NOTES

- THE PROPOSED GAS MAIN SHOWN IS APPROXIMATE AND SUBJECT TO CHANGE.
- PROPERTY LINE, STRUCTURES, STREET LINE, ETC. WAS COMPILED THE LIBERTY UTILITIES GIS DATA BASE AND ARE TO BE CONSIDERED APPROXIMATE.
- EXISTING UTILITIES, WHERE SHOWN, HAVE BEEN COMPILED FROM ABOVE GROUND EVIDENCE ONLY AND ARE TO BE CONSIDERED APPROXIMATE. LIBERTY UTILITIES DOES NOT GUARANTEE THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN OR THAT ALL EXISTING UTILITIES AND/OR SUBSURFACE STRUCTURES ARE SHOWN.

REVISIONS

1	9-6-2018	UPDATES PER PUC STAFF COMMENTS	
0	4-11-2018	INITIAL DESIGN FOR BID	
REV. #	DATE	DESCRIPTION	
DESIGNED BY	A. MILLS	4-4-2018	033-290-1587
DRAWN BY	A. MILLS	4-11-2018	033-290-1587
CHECKED BY	B. FROST	4-13-2018	033-475-9143
ASSEMBLED BY			
	NAME	DATE	PHONE #

SITE NAME:

WO# 431814-37601

ASHUELOT RIVER CROSSING
KEENE, CHESHIRE

DRAWING TITLE:

TITLE SHEET

DRAWING NO:

T-1

**PROPOSED**

REVISIONS

REV.	DATE	DESCRIPTION
1	04-2018	UPDATES PER PLIC STAFF COMMENTS
0	4-11-2018	INITIAL DESIGN FOR BID

DESIGNED BY	A. MILLS	4-4-2018	603-260-1597
DRAWN BY	A. MILLS	4-11-2018	603-260-1597
CHECKED BY	B. FROST	4-13-2018	603-475-9143
AS-BUILT BY			
	NAME	DATE	PHONE #

SITE NAME:

WO#431814-37601

ASHUELOT RIVER CROSSING
KEENE, CHESHIRE

PROJECT TITLE:

LAYOUT SHEET

DRAWING NO.

L-1

