

CITY OF LOWELL

PETITION

CITY COUNCIL
Conduit Location

Walter G. White, Sr.

Install 450' of conduit to remove overhead wires from Leavitts and write them underground below the In City Council Bridge for Tiger Bridge Project

May 28, 2019

Read and hearing ordered for 7PM on

June 25, 2019

Read, Hearing Held,
Referred to Wire Inspector, Development Services

City Clerk

Christine Clancy, P.E.
 City Engineer

Review of Utility Company Request for New Conduit/Pole Location

Applicant Information

Utility Gas Electric Telephone
 (circle one) Other

Project Address

Pawtucket St Bridge over Northern Canal
Lowell, MA

Reason

Install 450' of conduit to remove overhead wires from bridge and route them underground and bellow the bridge. This is for the TIGER Bridge Project.

Date Submitted 5/21/2019

Review done by Joseph Assenza

Sidewalk Material

Note: material to be replaced in kind (Concrete in full panels)

	Concrete	<u>Asphalt</u>	Other
Sidewalk Vaults present	Y		(N)
Work on Street under a Paving Moratorium	Y		(N)
Is this location within the Flood Plain?	Y		(N)
Are ADA requirements being met?		(Y)	N

Comments

Anything outside bridge restoration requires mill and overlay per city standard trench restoration requirements

Outcome of Review

Approved

Approved With
Comments

Denied

Christine Clancy, P.E. City
 Engineer

Christine Clancy

Waveguide

May 16, 2019

Michael Geary
Lowell – Office of the City Clerk
375 Merrimack St.
Lowell, MA 01852

RE: Pawtucket St Conduit Placement at Northern Canal

Dear Mr Geary:

On behalf of our clients, University of Massachusetts – Lowell (UMass), Comcast and Extenet Systems, Inc (Extenet), Waveguide, Inc (Waveguide) is submitting the following information for proposed work associated with the Northern Canal Bridge Project 608420, for review and approval by The City of Lowell. The project involves the underground installation of approximately 450 feet of five (5) new four (4) inch PVC communications conduits from the existing utility pole 21 on the west side of the Northern Canal Bridge on Pawtucket St @ Father Morissette Blvd, easterly to existing utility pole 14 on the east side of the Northern Canal. Two (2) conduits shall be installed for UMass and one (1) for Extenet. UMass and Extenet will share one (1) intermediate 3'x3' handhole on each side of the canal. Two (2) additional conduits and two (2) 3'x3' handholes shall be installed and owned by Comcast. This conduit installation is required to move existing aerial facilities underground as proposed by the Norther Canal Project.

As requested and for consideration by the Board of Selectman, we are providing the following:

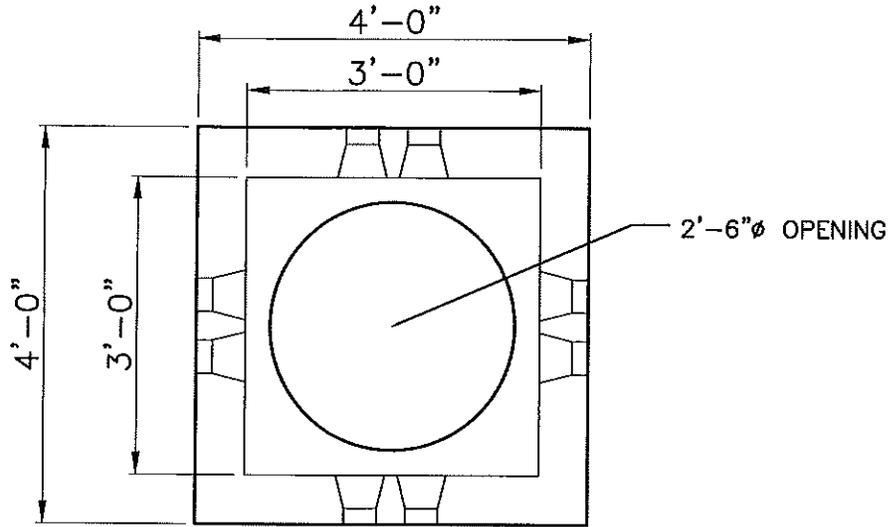
1. One copy (1) of the plan "PAWTUCKET STREET OVER NORTHERN CANAL" Utility Plan for your review;
2. One copy of "City of Lowell Application for Street Occupancy and Excavation Permit"
3. One copy of (2 Pages) "Handhole/Lid Specifications"
4. One copy of (3 Pages) "Traffic Flow Proposal" for work on the Western side of the canal bridge, on Father Morissette Blvd.

Should you have any questions regarding these documents, please feel free to contact me at (978) 846-0336. Questions regarding the utility installation may also be directed to Mr. Eric Ballman, Utility Engineer with Waveguide at (978) 569-0684.

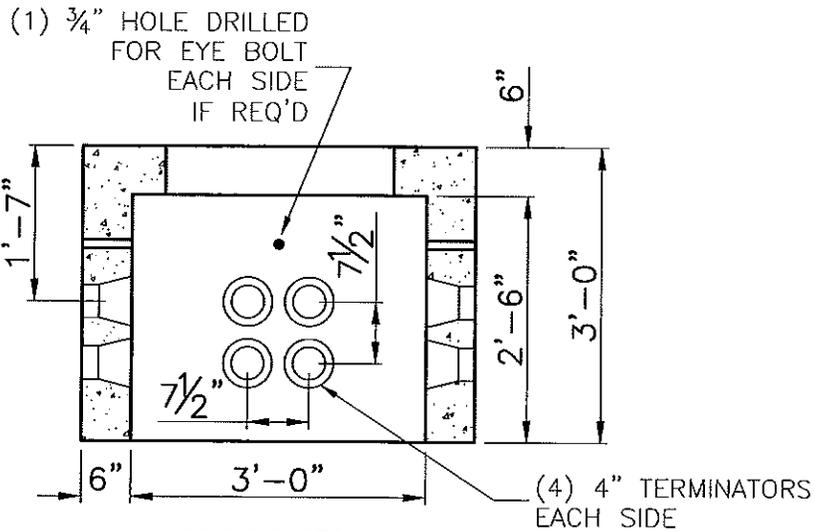
Best Regards,

Steve Janko
CTO
Waveguide

MAY 17 '19 AM 11:27
ENGINEERS



PLAN VIEW



SECTION VIEW
 OPEN BOTTOM

NOTES:

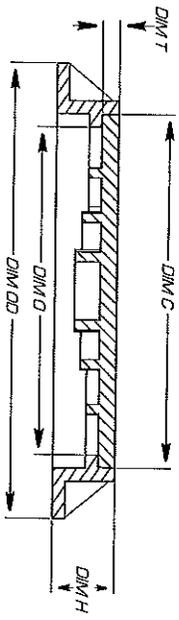
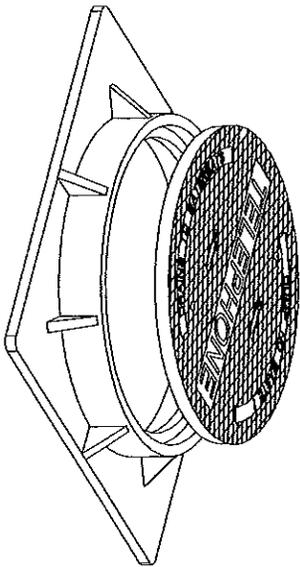
1. CONCRETE: 5,000 PSI MINIMUM AFTER 28 DAYS.
2. DESIGN LOADING: AASHTO HS20-44, 0 TO 5 FEET COVER.
3. STEEL REINFORCEMENT CONFORMS TO ASTM A615, GRADE 60.
4. MINIMUM STEEL COVER 1".
5. OPTIONAL OPENINGS AVAILABLE BY SPECIAL ORDER.

SHEA PRODUCT ID: HH-333H	FILE NAME: HANDHOLE 36X36 H-20	
WEIGHT (LBS): 3340	DRAWN BY: L.P. DATE: 1/16/2018 PAGE: I.B.5	
773 Salem Street-Wilmington, MA 153 Cranberry Hwy-Rochester, MA 87 Haverhill Road-Amesbury, MA 160 Old Turnpike Rd-Nottingham, NH		

UNITED STATES FOUNDRIES

4059

MODEL	C	H	D	OD	T
USA 4059-A	28	5	26	36	1
USA 4059-B	28	7	26	36	1
USA 4059-C	28	9	26	36	1



HEAVY DUTY FRAMES & COVERS SQUARE FLANGE

PLEASE SPECIFY BELOW

TELEPHONE _____

ELECTRIC _____

4. COMMUNICATION _____

OTHER → _____

TECHNICAL DATA

MATERIALS: CONFORMS TO ASTM A48

CLASS 30B OR 35 B SPECS.

LOAD RATING: FOR A.A.S.H.T.O. & HS 20-44 HIGHWAY LOADING

MFD IN ISO 9002 PLANTS

TENSILE STRENGTH: 30,000 OR 35,000 P.S.I.

HEAT#: engineering@unitedstatesfoundries.com

OPEN SQ. AREA: engineering@unitedstatesfoundries.com

FLOW RATE: engineering@unitedstatesfoundries.com

Inbound Traffic Flow

For work on Inbound side of Father Morissette



Outbound Traffic Flow (Left Lane Work)

For work on Outbound side of Father Marquette (Left Lane Work)



Outbound Traffic Flow (Right Lane Work)

For work on Outbound side of Father Marissette (Right Lane Work)

