



AECOM
303 E. Wacker Drive, Suite 1400
Chicago, Illinois 60606

312-939-1000 tel
312-939-4198 fax

957692

May 14, 2020

Mr. Phil Livingston
IHC Construction Companies LLC
1500 Executive Drive
Elgin, IL 60123

RE: Electrical Conduit Installation
Permit No.: DOT1218451
Permit Address: 299-300 E Grand Ave., Chicago, IL
AECOM Project No. 60565145.700

Dear Mr. Livingston:

Pursuant to conditions specified by the permit (see attached) issued by the City of Chicago, radiation monitoring was required to be performed at the above referenced site. AECOM Technical Services, Inc. (AECOM) provided the required radiation surveillance for excavation work to complete the connection of a conduit package to the building stub on March 18, 2020.

Surveying was performed on the fill excavated within the sidewalk ROW at 299-300 E. Grand Ave. The location of the excavation is shown on the drawing attached to the CDPH form. The work consisted of excavation of a trench between the curb and building 3-feet wide, 12-feet long, and excavated to a depth of 24-inches below the pavement surface (bgs). Refer to the attached sketch for the excavation location.

The monitoring did not indicate that the fill soils were above the removal action level established by the U.S. Environmental Protection Agency (USEPA) for the Streeterville area of Chicago. The USEPA removal action level for Chicago's Streeterville area is 7.1 picocuries per gram (pCi/g) total radium (Ra-226 + Ra-228). Gamma radiation count measurements for the project were recorded using Ludlum Models 2221 survey meter and a shielded 2 x 2-inch NaI probe (Model 44-10). For the instrument used the gamma count threshold indicative of the 7.1 pCi/g removal action level was 6,620 (S/N: 172039) counts per minute (cpm) shielded. The field instrument background count for soil within a nearby planter was 2,200 cpm shielded.

The field gamma measurements within the excavation during the excavation process did not exceed the instrument threshold previously stated and ranged from 2,662 cpm to 2,852 cpm shielded. Based on field observations there was no indication of the presence of radiologically contaminated fill and/or an exceedance of the USEPA removal action level of 7.1 pCi/g total radium. A copy of the CDPH permit form and an annotated drawing with the tabulated results are included as attachments.

As part of the permit conditions, a PDF copy of the letter report is being forwarded to Terry Sheahan (CDPH) and Verneta Simon (USEPA) to fulfill the requirements of the CDPH.

Permit No.: DOT1218451
Permit Address: 299-300 E Grand Ave.
Page 2

Please contact us with any questions you have regarding this letter or the reported results.

Regards,



Jennifer Nagle
Environmental Scientist



Steven C. Kornder, Ph.D.
Senior Project Geochemist

cc: Terry Sheahan, Chicago Department of Public Health
Verneta Simon, USEPA

Attachments: CDPH Permit Form
Annotated Drawing with Tabulated Results

PERMIT



DEPARTMENT OF PUBLIC HEALTH
CITY OF CHICAGO

(STREETERVILLE Right-of-Way)

Notice is hereby given that the site you have requested a permit for is recorded with the City of Chicago Department of Public Health (CDPH) as potentially having environmental contamination on the site and adjacent right-of-way. This environmental contamination could present a threat to human health and safety in connection with work performed at the site, or in the adjacent right-of-way, if proper safeguards are not employed.

A file containing detailed information regarding the aforementioned environmental contamination is available for review at CDPH at 333 S. State St., Room 200, Chicago, Illinois 60604 during normal business hours (8:30AM-4:30PM, Monday through Friday). Contact (312) 745-3152 for an appointment. This file must be reviewed and the remainder of this form completed before the permit can be issued if the ground is exposed or excavated. Please note that for some locations, additional health and safety procedures may be required by law.

Please complete the following:

I have reviewed and understand the documents, maintained by CDPH, regarding environmental contamination of the site and adjacent right-of-way. Further, I will ensure that all work at the subject site and adjacent right-of-way, and any monitoring required including but not limited to radiation monitoring, will be performed in a manner that is protective of human health and the environment and in compliance with all applicable local, state, and federal laws, rules, and regulations, especially those pertaining to worker safety and waste management. I will ensure that the results of any radiation monitoring and/or surveying conducted shall be provided to the CDPH and the United States Environmental Protection Agency **within two (2) weeks of their completion**. If any elevated levels of radioactive material are detected, I will immediately contact the United States Environmental Protection Agency at (800) 424-8802.

Applicant Name (print): Brian McDonagh

Signature: Brian McDonagh

Site Address and Work Location (Describe exact site location and attach map): Excavation to take place at southeast corner of 525 N. St. Clair Street building, just west of E. Grand Avenue and N Fairbanks Ct. intersection. See attached print.

Nature of Work: Excavate and expose existing conduit. Once exposed conduit then to be connected to building stub.

Company Name, Address, Phone No.: _____

General / Prime Contractor Name, Address, Phone No.: IHC Construction Companies LLC, 1500 Executive Drive, Elgin, IL 60123, 847-742-1516 - POC Phil Livingston
Include subcontractor information if applicable
Safety Officer / Phone No. Paul Jansyn, 847-561-0340

Radiation Contractor / Phone No. and email address (if applicable) AECOM, Steve Kornder, 262-515-7700, Steve.Kornder@aecom.com

Check if City Department Work Department Name: N/A.

CDOT Permit No.: _____

DOT 1218451

Today's Date: 3/5/20

Expected Start Date: 3/12/20

CDPH Approval / Date

Sheehan 3/5/20

Please return this completed form to the Chicago Department of Transportation, Division of Infrastructure Management, Public Way Permit Office, City Hall - Room 905, 121 N. LaSalle St., Chicago, Illinois 60602 during normal business hours (8:30 AM - 4:30 PM, Monday through Friday)

For CDPH Use Only

CITY OF CHICAGO, ILLINOIS
COOK COUNTY

ISSUED FOR
CONSTRUCTION



PROPOSED 44 LINEAR FEET OF 1-2" PVC CONDUIT FOR 72CT FIBER AND 3-2" PVC CONDUIT FOR FIBER VIA 3' WIDE OPEN CUT TRENCH

345 E. 52ND ST. PARKING LOT CONTACT INFO: INTERPARKONLINE@PARK.COM 1-877-436-7275

STATION: 2+838
PROPOSED 4'x4'x4' COMMUNICATIONS MANHOLE (SEE DETAILS SHEET)

PROPOSED 252 LINEAR FEET OF 1-2" PVC CONDUIT FOR 864CT FIBER VIA 3' WIDE OPEN CUT TRENCH

PROPOSED 4 LINEAR FEET OF 2-2" PVC CONDUIT FOR POWER AND FIBER TO PROPOSED GBOY AND LIGHTPOLE VIA 3' WIDE OPEN CUT TRENCH PROPOSED UNDER VZ-ST-1747

341 N. FAIRBANKS CT. BUILDING CONTACT INFO: SEAN MURPHY 312-744-3600 ext 100 224-568-9519

Dig up and connect.

STA: 0+318
BEGIN CONSTRUCTION OF PROPOSED 2-2" PVC CONDUIT FOR FIBER AND POWER FROM PROPOSED MCI CONDUIT

PROPOSED 31 LINEAR FEET OF 1-2" PVC CONDUIT FOR 864CT FIBER AND 2-2" PVC CONDUIT FOR 12 CT FIBER AND POWER

PROPOSED LIGHTPOLE REPLACEMENT UNDER VZ-ST-1747

PROPOSED 111 LINEAR FEET OF 1-2" PVC CONDUIT FOR 864CT FIBER VIA 3' WIDE OPEN CUT TRENCH

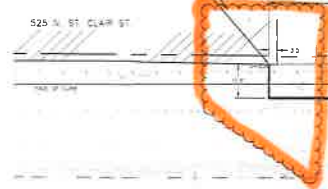
STA: 0+004
BEGIN CONSTRUCTION OF PROPOSED 1-2" PVC CONDUIT FOR 864CT FIBER BY CORING INTO 525 N. ST. CLAIR ST.

STA: 0+008
BEGIN CONSTRUCTION OF PROPOSED 1-2" PVC CONDUIT FOR 864CT FIBER AND 2-2" PVC CONDUIT FOR 12 CT FIBER AND POWER FROM PROPOSED MCI CONDUIT

STA: 2+445
BEGIN CONSTRUCTION OF PROPOSED 1-2" CONDUIT TOWARDS COMED MANHOLE TO BE CORED INTO

PROPOSED 11 LINEAR FEET OF 1-2" PVC FOR POWER TO CORE COMED MANHOLE PROPOSED UNDER VZ-ST-1747

STATION: 3+114
PROPOSED 4'x4'x4' COMMUNICATIONS MANHOLE (SEE DETAILS SHEET)



NOTE: THE CONTRACTOR MUST CONTACT THE CITY BICYCLE PARKING PROGRAM MANAGER TO COORDINATE REMOVAL OF BIWAY BICYCLE RACK, REMOVAL, REPLACEMENT, AND/OR RELOCATION OF BICYCLE RACKS WILL BE PERFORMED BY CITY OR DMMV FORCES ONLY. CONTACT THE COMMISSIONER'S OFFICE AT 312-744-3600 FOR FURTHER INFORMATION.

AT A MINIMUM, THE CONTRACTOR IS REQUIRED TO DO THE FOLLOWING, UNLESS CDDOT'S REQUIREMENTS ARE MORE STRINGENT. THE CONTRACTOR IS REQUIRED TO DO TEST HOLES OVER ANY WATER MAIN OR SERVICE THAT IS TO BE DIRECTIONALLY BORED ACROSS THE TEST HOLES MUST BE EXCAVATED TO A MINIMUM DEPTH OF THE PROPOSED FACILITY INSTALLATION. A PICTURE OF THE INSTALLED FACILITY AT EACH CROSSING MUST BE SUBMITTED TO THE DMM THAT CLEARLY INDICATES THE DATE, DEPTH OF THE FACILITY, OUC FILE NUMBER, AND THE LOCATION OF THE CROSSING ON EACH PICTURE. ALL PICTURES OF THE CROSSINGS ARE TO BE SUBMITTED TOGETHER (AT ONE TIME) TO FACILITY/WATER NET. FAILURE TO COMPLY WITH THESE REQUIREMENTS MAY RESULT IN ADDITIONAL EXPENSES TO THE PROPOSED PROJECT TO VERIFY THAT ALL WORK CONFORMS TO DMMV'S STANDARDS.

IF GAS FACILITIES ARE PRESENT WITHIN AREA OF CONSTRUCTION, USE EXTREME CAUTION NEAR ALL GAS FACILITIES DURING CONSTRUCTION AND RELATED EXCAVATION ACTIVITIES. HAND DIG OR NON-INVASIVE EXCAVATION IS REQUIRED TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF GAS FACILITIES PRIOR TO CROSSINGS AND WORKING WITHIN 3 FEET OF ALL GAS FACILITIES. A MINIMUM OF 3" HORIZONTAL EDGE TO EDGE CLEARANCE IS REQUIRED FOR GAS FACILITIES WITH DIAMETERS OF 18" OR SMALLER, AND 8FT EDGE TO EDGE CLEARANCE FOR GAS FACILITIES WITH DIAMETERS 18" AND LARGER. MAINTAIN A MINIMUM OF 18" EDGE TO EDGE VERTICAL CLEARANCE WHEN CROSSING GAS FACILITIES 18" OR LESS IN DIAMETER, AND 24" EDGE TO EDGE VERTICAL CLEARANCE WHEN CROSSING 18" AND LARGER DIAMETER GAS FACILITIES. CONTACT 811 CHICAGO/DIGGER 312-744-7000 FOR LOCATES 48 HOURS PRIOR TO START OF CONSTRUCTION

THE USE OF CONCRETE FLOW FILL OR THE LIKE IS PROHIBITED WITHIN 24 INCHES OF ALL GAS FACILITIES. NOR SHALL IT ENCASE ANY GAS FACILITY. A BUFFER OF 24" SAND IS TO BE USED BETWEEN FLOW FILL AND ALL GAS FACILITIES. A MINIMUM OF 8" FILL OF FIB-02 SAND SHALL BE USED WHEN BACKFILLING OTHER MATERIALS AROUND ANY EXPOSED GAS FACILITY. CONTRACTOR EXPOSING GAS FACILITY IS RESPONSIBLE FOR PROVIDING THE SAND. ANY DAMAGES TO PROTECTED GAS FACILITIES SHALL BE THE RESPONSIBILITY OF THE INSTALLING UTILITY AND THEIR CONTRACTORS. CALL 888-882-8005 IMMEDIATELY FOR ANY DAMAGES TO THE GAS FACILITIES. GAS FACILITIES ARE TO BE MAINTAINED. THIS PROJECT WILL BE PLACED ON WATCH AND PROTECT. PLEASE CONTACT SYSTEM INTEGRITY OPERATIONS SUPERVISOR A MINIMUM OF 5 BUSINESS DAYS PRIOR TO EXCAVATION TO SET UP ON-SITE INSPECTION. CENTRAL SHOP ENGINEERING SUPERVISOR, ERNEST CRAFTON, 773-475-3774

PROJECT PLAN VIEW
Scale: 1" = 30'

PROPOSED 67 LINEAR FEET OF 1-2" PVC CONDUIT FOR 864CT FIBER VIA 3' WIDE OPEN CUT TRENCH

STA: 3+12A
END CONSTRUCTION OF PROPOSED 1-2" PVC CONDUIT FOR 864CT FIBER BY CORING INTO WEST WALL OF EXISTING MCI MANHOLE

CONTRACTOR TO REPLACE FRAME & COVER OF EXISTING MANHOLE



18-0084
541 FAIRBANKS CT.
CHICAGO, ILLINOIS
DUC NO: 2018-B4594

MCI
MCI metro
ACCESS TRANSMISSION SERVICES LLC
OUTSIDE PLANT CONSTRUCTION
TITLE: FIBER OPTIC CABLE ROUTE

hbk
ENGINEERING

9-28-2018
GSS
PMD/ABM

REVISIONS		
DATE	DESCRIPTION	INITIAL
9/28	FOR OUC REVIEW	PMD
10/22	PER PCL COMMENTS	PMD
10/23	PER COMED	PMD
2/21	IFC	PMD

EACH AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI TRANSMISSION SERVICES LLC. BOTH BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE
1" = 20'

MP TO MP

18-0084 V2-ST-529

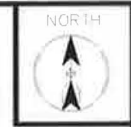
ANNOTATED DRAWING

Grand & Fairbanks

1/20 - 2/25

CITY OF CHICAGO, ILLINOIS
COOK COUNTY

ISSUED FOR
CONSTRUCTION



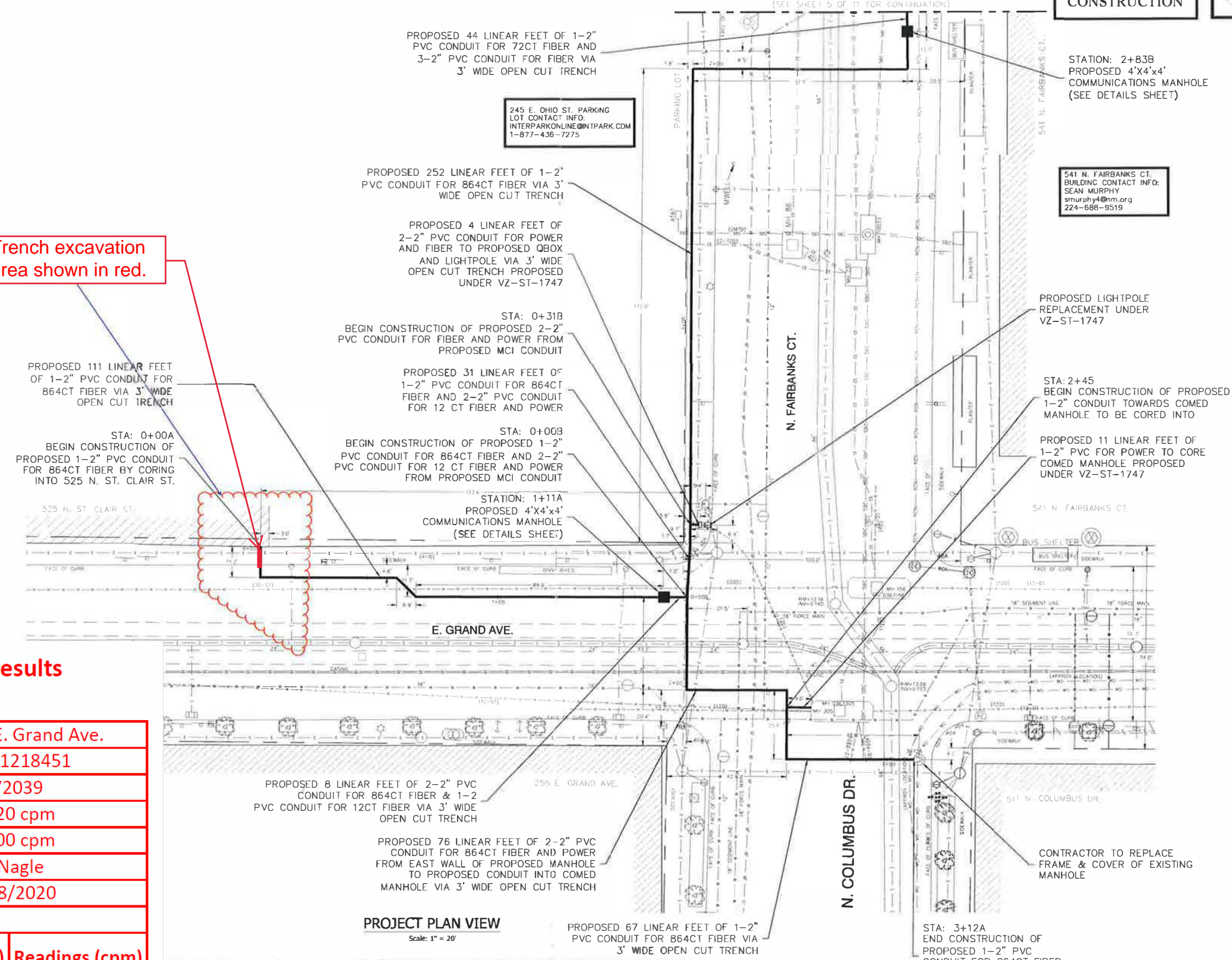
PROJECT: 18-0084

541 FAIRBANKS CT.
CHICAGO, ILLINOIS

UC NO: 2018-84594

CLARIFICATION NO. QUANTITY

Trench excavation
area shown in red.



IHC - Gamma Survey Results

Survey Equipment

Location:	299-300 E. Grand Ave.
Permit #	CDOT1218451
Ludlum 221 S/N:	172039
Shielded Cutoff:	6,620 cpm
Shielded Background:	2,200 cpm
Personell:	J. Nagle
Date of Screening:	3/18/2020

Location	Depth (inches)	Readings (cpm)
Sidewalk	0-6	Concrete
	6-18	2,852
	18-24	2,662

PROJECT PLAN VIEW
Scale: 1" = 20'

THE USE OF CONCRETE, FLOW FILL, OR THE LIKE IS PROHIBITED WITHIN 24 INCHES OF ALL GAS FACILITIES, NOR SHALL IT ENCASE ANY GAS FACILITY. A BUFFER OF 24" SAND IS TO BE USED BETWEEN FLOW FILL AND ALL GAS FACILITIES. A MINIMUM OF 6" FA-02 OR FM-02 SAND SHALL BE USED WHEN BACKFILLING OTHER MATERIALS AROUND ANY EXPOSED GAS FACILITY. CONTRACTOR EXPOSING GAS FACILITY IS RESPONSIBLE FOR PROVIDING THE SAND. ANY DAMAGES TO PEOPLES GAS FACILITIES SHALL BE THE RESPONSIBILITY OF THE INSTALLING UTILITY AND THEIR CONTRACTOR(S). CALL 866-536-6002 IMMEDIATELY FOR ANY DAMAGES TO THE GAS FACILITIES. ALL GAS FACILITIES ARE TO BE MAINTAINED. THIS PROJECT WILL BE PLACED ON WATCH AND PROTECT. PLEASE CONTACT SYSTEM INTEGRITY OPERATIONS SUPERVISOR A MINIMUM OF 5 BUSINESS DAYS PRIOR TO EXCAVATION TO SET UP ON-SITE INSPECTION: CENTRAL SHOP ENGINEERING SUPERVISOR, ERNEST CRAFTON, 773-475-3774

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI COMMUNICATIONS SERVICES, INC. BOTH BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION

SCALE
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 20'
MP TO MP
SHEET 4 OF 11

FILE: 18-0084, VZ-ST-529