



AECOM
100 S. Wacker Drive, Suite 500
Chicago, Illinois 60606

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

July 12, 2018

Mr. Tim Bulthaup
Commonwealth Edison Co.
2 Lincoln Centre
Oakbrook Terrace, IL 60181

RE: Emergency Excavation – Conduit Blockage
Permit No.: Emergency Dig No. 600485719 and DOT977347
Permit Address: 555-599 N. Michigan Ave., Chicago, Illinois
AECOM Project No. 60493426

Dear Mr. Bulthaup:

Radiation monitoring was required to be performed at the above referenced site pursuant to the City and United States Environmental Protection Agency (USEPA) requirements for excavation with the Streeterville Thorium Area (see attached dig ticket issued by the City of Chicago). AECOM Technical Services, Inc. (AECOM) provided the required radiation surveillance on July 7 and 8, 2018 for emergency excavation activities necessary to remove a conduit blockage in order to restore a service. Work was initiated at 10PM on July 7 and completed in the early morning of July 8, 2018. A CDOT permit (DOT977347) was required to restore the pavement. However, thorium screening was not required because no additional excavation was necessary to complete the restoration activities.

Surveying was performed on the fill material exposed beneath the concrete roadway and sidewalk at 555-599 N. Michigan Ave. (refer to sketch) during an excavation work. The work consisted of removal of portions of the existing roadway and sidewalk as well as related fill utilizing an excavator. The excavation consisted of a single trench approximately 11-feet long, 5-feet wide, which was excavated to a depth of 2.5-feet below the pavement surface. Surveying was completed on the exposed fill during the excavations. Refer to the attached sketch for the dimensions and location of the excavation.

The monitoring did not indicate that the disturbed fill soil was above the removal action level established by the 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 an 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 is 7,374 (S/N: 172039) counts per minute (cpm) shielded. A field instrument background gamma count level was recorded at the nearby planter with readings ranging between 1,800 to 2,400 cpm.

The field gamma measurements within the excavation did not exceed the instrument threshold previously stated and ranged from a minimum of 1,100 cpm to a maximum of 2,200 cpm shielded. The lithology consisted predominantly of clean fill (1-inch stone with fines) and minimal amount of urban fill. 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. Copies of the emergency dig and restoration permits, excavation sketch and gamma survey results have been included as attachments.

As part of the permit conditions, this letter has been forwarded to:

Chicago Department of Public Health
Attention: Mr. Terry Sheahan
333 South State Street, Room 200
Chicago, Illinois 60606

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

Regards,



Andrew Kozak
Geologist



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

cc: Terry Sheahan, Chicago Department of Public Health
Verneta Simon, USEPA
Karl Hafencher, ComEd
Mat Talyor, Meade

Attachments: Permits
Sketch and Results

PERMITS



Ticket Number: 600485719

EMERGENCY

NOTE: Emergency Dig Tickets are only valid until the emergency situation is resolved!

GENERAL INFORMATION

Dig Number	600485719
Permit Number	
Public Right of Way?	Yes
Private Property?	No
Amended Dig Notice?	Yes
Activity Comment	5 by 5 by 5 crew will be on site at 10 p.m.
Extension Comments	-

CONTACT INFORMATION

Contact Person Name	steve
Contact Person Phone Number	(773)851-0681
Company Name	ComED North

DATE INFORMATION

Dig Notice Creation Date	Jul 07, 2018 06:23 pm
Dig Date	Jul 07, 2018 08:30 pm
Dig Notice Expiration Date	Jul 12, 2018
Less than 48 Hours Notice?	Yes

LOCATION INFORMATION

Latest Locations	555 - 599 N MICHIGAN AVE street curb and traffic lane
Distributed To	CDPH JC Decaux (HBK) Peoples Gas Peoples Gas Central City of Chicago (CoC) Comcast Cable (29) Rogers Telecom/Gabe's Technical Service AT&T (SBC IL) ComED North Enwave (MDE Thermal) Chicago
Revisions	888610



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): MATHEW S. TAYLOR Signature: [Signature]

Site Address and Work Location (Describe exact site location and **attach map**): 555-625 N Michigan Av

No disturbance to the soil / restoring the conduit back to original condition. No further excavation is needed

Emerg Dig restoration - 600485719 - 555-625 N MICHIGAN AVE -No disturbance to the soil / restoring the conduit back to
Nature of Work: original condition. No further excavation is needed

Company Name, Address, Phone No.: ComEd, 1 Lincoln Center, Oakbrook Terrace, IL 60181, 630-576-6427

General / Prime Contractor Name, Address, Phone No.: MEADE ELECTRIC CO., INC. (708)588-2500 9550 W 55th St Ste A
Countryside IL 60525-3641 ATTN: Mat Taylor 708-588-6068

Include subcontractor information if applicable
Safety Officer / Phone No. N/A

Radiation Contractor / Phone No. and email address (if applicable) N/A

Check if City Department Work ☐ Department Name: _____

CDOT Permit No.: DOT977347

Today's Date: 7/9/2018 Expected Start Date: 7/9/2018 CDPH Approval / Date _____

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

Permit # DOT977347

**DOT Public Way Opening
Restoration**



City of Chicago
Department of Transportation
(312) 744-4652

180460_MICHIGAN_EMER600485719

ISSUED

Received Date: July 9, 2018 1:41 pm

COMED NORTH
3 LINCOLN CENTER
OAKBROOK, IL
U.S.A.

GLENN YEAGER (312)617-6913

Issued: 07/10/2018

PERMIT REQUESTED DATES

July 09, 2018 through July 20, 2018

PERMIT DETAILS

Ward(s): 42

Public Way Restoration

Purpose: RESTORATION OF EMERGENCY DIG# 600485719

Where restoration will take place:

Curb / Traffic Lane

Depth of Excavation (ft): 6.00

555 - 625 N MICHIGAN AVE Closure: NA

Additional Information: RESTORATION OF EMERGENCY DIG# 600485719_EMERGENT BLOCKED
CONDUIT -- 605-625 N Michigan Av RESTORATION - Street Curb and Traffic /
10:00PM - 6:00AM

Subcontractors:

MEADE ELECTRIC CO., INC.
9550 W 55th St Ste A
Countryside, IL 60525-3641
U.S.A.
(708)588-2500

MCL CONTRACTING SERVICES
201 E OGDEN AVE SUITE 12
HINSDALE, IL 60521
(630)347-9933

CARDI ASPHALT AND PAVING COMPANY
5615 W. HOWARD STREET
NILES, IL 60714
U.S.A.
(773)631-0025

SANCHEZ PAVING
16309 SOUTH CRAWFORD
MARKHAM, IL 60426
U.S.A.
(708)333-1300

Restrictions:

1. Contractor must notify 811 Chicago at 312-744-7000 no less than 48 hours (exclusive of Saturdays, Sundays and Holidays) but no more than 14 calendar days in advance of the start of the excavation or demolition, unless the excavation date was provided with the application and remains unchanged. Prior to 26 calendar days the Contractor must notify 811 Chicago to renewal the dig date! It is the Excavator's responsibility to request refreshing of marks when needed, but no longer than 28 calendar days after the last requested date. When applicable, all excavation areas are to be clearly marked in safety white paint prior to calling 811 Chicago. White paint is not required for joint meets or emergency work. Excavators requesting dig tickets are responsible for the protection of utility markings at the job site. Any markings of underground utilities utilizing utility colors must be done by facility owners or authorized agents only.
2. A copy of the permit must remain on-site for inspector's review.
3. All work shall be in accordance with CDOT Rules and Regulations for Construction in the Public Way and City of Chicago Municipal Code. Work to be performed as per plans and specifications. All traffic control will be the responsibility of the contractor, and must comply with all CDOT and MUTCD standards.
4. Permittee must provide a sign which identifies the telephone number and company or person performing the work. Signage may be affixed to barricades.
5. Contractor must secure plating over all openings in the roadway and secure all sidewalk/parkway openings during non-working hours until such time when the road surface is restored.
6. No work in or use of the public right of way is to be done when a special event is taking place. It is up to the applicant to determine if an event is scheduled. To obtain a listing of programs or events within the City of Chicago please dial 311 when you are within the City boundaries.
7. Start Time no Earlier than 10:00pm End Time no Later than 6:00am Sunday through Thursday

Per Mike Simon this is Ok to release

DOT977347: 555-625 N MICHIGAN AVE - RESTORATION ONLY.
REQUESTED DIG LOCATION GIVEN APPEARS TO BE CLEAR OF
IRRIGATION UTILITY CONFLICTS. NO ACCESS INTO ANY LANDSCAPED
MEDIAN, BOULEVARD OR STREETScape WILL BE ALLOWED FOR ANY
REASON. NOTIFY CDOT IF ANY WATER LINES, CONDUITS, IRRIGATION
LINES, AND WIRES ENCOUNTERED. MAINTAIN AT LEAST 2 FEET
CLEARANCE FROM THE PLANTER CURB AND GUTTER. NO OTHER
LOCATION IS ALLOWED UNDER THIS REQUEST.

Fees:

There are no fees.

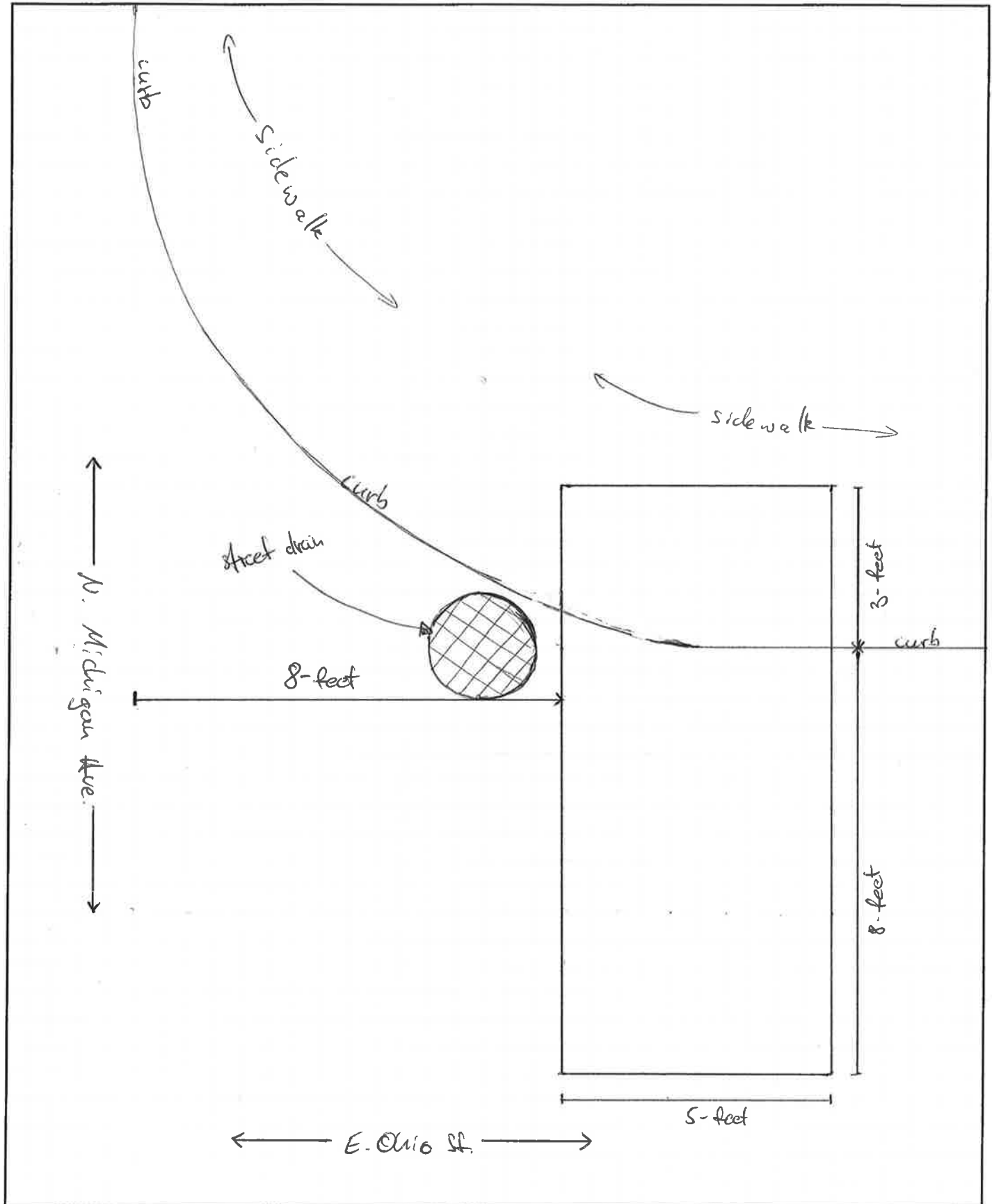
EFFECTIVE DATES OF PERMIT

Original Issued: 07/10/2018

END OF PERMIT

SKETCH AND RESULTS

JOB TITLE Con Ed / Mead Emergency Excavation 555-599 N. Michigan Ave
 JOB NO. 60493426 CALCULATION NO. _____
 ORIGINATOR A. Kozak DATE 7/7 - 7/8, 2018
 REVIEWER S. Koruder DATE 7/9/18
 SCALE 1 square = 0.5 feet SHEET NO. 1 OF 1



Survey Results
Emergency Excavation
ComEd/Mead
555-599 N. Michigan Ave.

Survey Equipment

Ludlum 2221 S/N:	172039
Probe 2x2 NaI S/N:	PR174406
shielded:	7,374 cpm
background:	1,800 - 2,400 cpm (planter)
source block:	25,000-29,000 cpm
Personnel:	A. Kozak
Date of Screening:	7/7 & 8/2018

Survey Results

Section	Depth (inches)	Readings (CPM)
1	0	1,800 - 2,200*
	12	1,400 - 1,800
	30	1,100 - 1,400

Notes: * readings collected at the top of pavement