

September 24, 2010

EPA Region 5 Records Ctr.



376016

Ms. Michele Pisterzi  
AT & T  
2427 Union Street  
Blue Island, IL 60406RE: Radiological Survey of Right-of-Way Utility Excavation  
Permit No.: 774296416  
Permit Address: 458-460 E. Illinois Street  
AECOM Project No. 60163572

Dear Ms. Pisterzi:

Pursuant to conditions specified in a permit (see attached) issued by the City of Chicago, radiation monitoring was required to be performed at the above referenced site. AECOM provided the required radiation surveillance on September 21, 2010 for the excavation and removal of the existing light pole foundation and its replacement with a new deeper foundation at the same location. The foundation excavation occurred within the sidewalk on the northwest corner of the intersection of E. Illinois Street and N. Peshtigo Court (refer to attached drawing and photo). The excavation was approximately 6 by 8 feet at the surface and extended to a maximum depth of 12 feet.

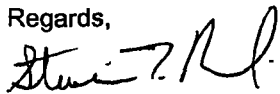
Radiological surveying was performed for the concrete and soil material removed for the excavation. The monitoring revealed no indication of soil material above the clean-up threshold established by the U. S. Environmental Protection Agency (USEPA) for the Streeterville area of Chicago. The USEPA cleanup threshold 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 made using a Ludlum Model 2221 survey meter (Serial #176944) and unshielded 2 x 2 NaI probes (Model 44-10). For the instrument used, the gamma count indicative of the 7.1 pCi/g threshold is 17,522 counts per minute (cpm). Gamma readings and/or background at the surface was approximately 6,500 cpm. Gamma readings for the excavated soil materials ranged from 5,500 to 8,600 cpm with a maximum of 10,240 cpm. Thus, there was no indication of an exceedance of the USEPA cleanup threshold.

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

Chicago Department of Environment  
Attention: Ms. Rahmat Begum  
30 North LaSalle Street, 25<sup>th</sup> Floor  
Chicago, Illinois 60602

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

Regards,

  
Steven T. Newlin  
Senior Project Engineer  
Steven C. Kornder, Ph.D.  
Senior Project Geoscientistcc: William Nolan, John Burns Construction Company  
Rahmat Begum, Chicago Department of Environment  
Verneta Simon, USEPA

Attachments: Permit, Drawing and Photo

K:\PROJECTS\60163572\In\_Progress\CDOE\_Ltr\_458-460\_E\_Illinois  
St.docx



City of Chicago  
Richard M. Daley, Mayor

Department of Environment

Twenty-Fifth Floor  
30 North LaSalle Street  
Chicago, Illinois 60602-2573  
(312) 744-7606 (Voice)  
(312) 744-6491 (FAX)  
(312) 744-3586 (TTY)

<http://www.cityofchicago.org>

Permit No.

774296410

Date

9/2/2010

Site Address

458-460 E

ILLINOIS ST

Work Location (describe  
exact site location)

Dig in CSW/

Parkway @

Existing Light

Pole

Nature of Work

Dig (1) 6" x 12" opening  
to remove + replace  
existing light pole.

NEIGHBORHOODS  
*Alive!*  
BUILDING CHICAGO TOGETHER

## CITY OF CHICAGO DEPARTMENT OF ENVIRONMENT FORM NO. DOE.ROW.01

Notice is hereby given that the site you have requested information on is recorded with the City of Chicago Department of Environment 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 the Department of Environment at 30 N. LaSalle St., 25th Floor, Chicago, Illinois 60602 during normal business hours (8:30 AM - 4:30 PM, Monday through Friday). Contact Rheemat Begum at (312) 744-3152 for an appointment. This file must be reviewed and the remainder of this form completed before the permit can be issued. 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 the Department of Environment, 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 Department of Environment 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.

Signature

Michele Pisterzi

Name (print)

Michele Pisterzi

Company

AT&T

Address

2427 Union Blue Island, IL

Phone No.

708 824 2817

Prime Contractor/Contact

Steve Kornder @ OECOM

Address

750 Corporate Woods Parkway

Vernon Hills, IL  
60061

Phone

847-279-2600

Safety Officer/Phone

Same as above

Radiation Contractor/

Phone (if applicable)

Signed by Department of Environment

Rheemat Begum

Date

9/2/10

Please return this completed form to the City of Chicago Department of Transportation at 30 N. LaSalle St., Room 1101, Chicago, Illinois 60602 during normal business hours (8:30 A - 4:30 PM, Monday through Friday).



NOTE:  
COLOR OF NEW LIGHT/TRAFFIC  
POLE TO MATCH EXISTING.

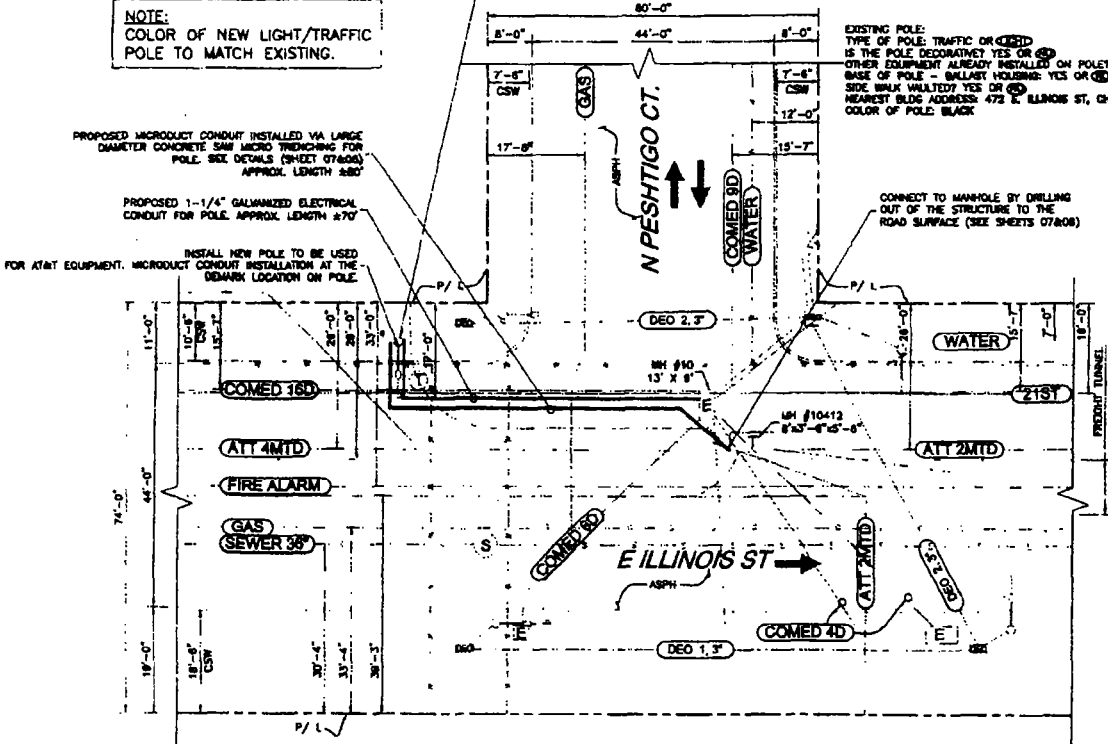
EXISTING LIGHT POLE & FOUNDATION TO BE REMOVED & REPLACED WITH:

FOUNDATION: EXISTING POLE FOUNDATION TO BE REMOVED & REPLACED W/ NEW 30"x11'-0" WITH 1-1/2" ANCHOR RODS ON EXACT SAME POLE LOCATION. REFER CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF ELECTRICAL OPERATIONS DRAWING #817. SEE SHEET 501.

LIGHT POLE: REPLACE EXISTING POLE WITH STEEL, 34'-8" LONG, ANCHOR BASE 12.5" DIAMETER 30A STRAIN. REFER CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF ELECTRICAL OPERATIONS DRAWING #827.

REINSTALL OR REPLACE NEW MAST ARMS, SIGNS, TRAFFIC SIGNAL, HARDWARE AS PER CITY DRAWINGS.

EXISTING POLE:  
TYPE OF POLE: TRAFFIC OR LIGHT  
IS THE POLE DECORATIVE? YES OR NO  
OTHER EQUIPMENT ALREADY INSTALLED ON POLE? YES OR NO  
BASE OF POLE - BALLAST HOUSING? YES OR NO  
SIDE WALK VALUED? YES OR NO  
NEAREST BLDG ADDRESS: 472 E. ILLINOIS ST, CHICAGO, IL 60611  
COLOR OF POLE: BLACK



- LIGHT POLE
- LIGHT POLE W/ TRAFFIC SIGNAL
- LIGHT POLE W/ TRAFFIC MAST ARM
- TRAFFIC POLE
- DECORATIVE POLE
- UTILITY POLE
- WOOD POLE W/ TELCO BOX
- TRAFFIC CONTROL BOX
- CAMERA ATTACHED TO POLE
- ONE WAY STREET
- ↔ TWO WAY STREET
- E COVERED MANHOLE
- DEED MANHOLE
- T ATT MANHOLE
- S SEWER MANHOLE
- CATCH BASIN
- RILET
- FIRE HYDRANT
- WATER VALVE VAULT
- PROPOSED ELEC. CONDUIT
- PROPOSED FIBER CONDUIT
- PROPERTY LINE
- TELEPHONE CABLE
- GAS PIPE
- SEWER LINE
- STORM
- WATER PIPE
- CSW - CONCRETE SIDEWALK
- ASPH - ASPHALT PAVEMENT

- PLAN NOTES:
1. CONTRACTORS COST TO INCLUDE THE FOLLOWINGS.
    - A. COST OF BACKFILL & REMOVAL OF EXCESS SPOIL DUE TO SUCH BACKFILL.
    - B. COST OF PROTECTING ALL OPENINGS/EXCAVATION DURING CONSTRUCTION
    - C. COVER TO TOP OF CONCRETE ENCASUREMENT TO BE 8" MINIMUM
    - D. ALL CONCRETE TO BE TYPE "C" CONCRETE ENCASED
    - E. CONTRACTOR AT HIS EXPENSE TO HAVE UTILITIES LOCATED AND MARKED AND TO DO ALL NECESSARY TEST HOLES
    - F. SAW CUT ALL PAVEMENT & SIDEWALKS BEFORE BREAKING
    - G. ALL SIDEWALKS TO BE ENTIRELY REPLACED, INCLUDING HANDICAP WALKS AND RAMPS AFTER COMPLETION OF WORK
    - H. MAINTAIN PEDESTRIAN & VEHICULAR TRAFFIC AT ALL TIMES
    - I. MAINTAIN TRAFFIC FLOW IN & OUT OF ALL DRIVEWAYS
    - J. CONTRACTOR TO CONTACT DODGER ON 312-744-7000 AND NOTIFY UTILITIES 48 HOURS IN ADVANCE OF DIGGING
    - K. CONTRACTOR TO ADHERE TO OSHA/OSHA/DOOT REGULATIONS REGARDING JOB AS APPLICABLE
    - L. REMOVE OF ALL SPOIL & BACKFILLING OF ALL EXCAVATIONS TO CONFORM TO CITY OF CHICAGO CODE AND RESPECTIVE WARD.

1 UTILITY PLAN  
SCALE: 1"=20'-0"

**Apex Engineers, Inc.**  
Structural & Civil Engineers  
500 East 22nd Street, Suite B  
Lombard, Illinois 60148  
Ph. (630) 627-1800  
Fax. (630) 627-1185  
APEX JOB No. AT10-188-21

472 E ILLINOIS ST  
SITE NO. IL4470  
  
472 E. ILLINOIS ST  
CHICAGO, IL 60611



DATE	BY	CHK'D BY

AT&T
UTILITY PLAN
PROJECT NO.
IL4470-C2

