AECOM
303 East Wacker Drive, Suite 900
Chicago, Illinois 60601

312.938.0300 tel
312.938.1109 fax

April 11, 2011

Ms. Michele Pisterzi
SBC Illinois
2427 Union Street
Blue Island, Illinois 60406

Subject: Radiological Survey of Right-of-Way Utility Excavation
Permit No. 158069762
Permit Address: 600 – 602 North Lake Shore Drive
AECOM Project No. 60163572

Dear Ms. Pisterzi:

Pursuant to conditions specified in the permit found in Attachment A 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 April 7, 2011 for a short trench and a 6-foot by 6-foot excavation to a depth of approximately 12-feet below ground surface (bgs) to install a utility pole for telecommunication equipment in the vicinity of the permitted address. The permit also listed 485-feet of trenching on E. Ohio Street, but the micro-trenching technique used installs the conduit and cable within the paving surface. Thus, no soil is disturbed and radiological surveying was not require for the micro-trenching.

Surveying was performed for the asphalt, concrete, and soil removal for the excavations required for the installation of the utility pole for the new telecommunications equipment. After asphalt and concrete were removed, the installation contractor utilized a backhoe to remove subsurface soils to expose the telecommunications utility installation area. Soil removed from the excavation was taken off-site to a nearby for proper disposal. AECOM proceeded to monitor the soils in lifts of approximately 18-inches to a depth of approximately 4-feet. Excavation spoil from a depth greater than 4 feet was screened in the bucket of the backhoe prior to being placed in the bed of a truck for disposal.

The monitoring revealed no indication of soils above the specified clean-up threshold established by the United States Environmental Protection Agency (USEPA) for the Streeterville area of Chicago. The USEPA 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 Ludlum Model 2221 survey meter and an unshielded 2 x 2 NaI probe (Model 44-10). For the instrument used, the gamma count indicative of the 7.1 pCi/g threshold was 18,771 counts per minute (cpm) unshielded. The field gamma measurements within the excavation and the spoil materials generated during the excavation process did not exceed the respective threshold values previously stated and ranged from a minimum of 4,382 cpm to a maximum of 7,907 cpm. Thus, there was no indication of the presence of radiologically-impacted fill material and/or an exceedance of the USEPA cleanup threshold of 7.1 pCi/g total radium.

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, 2nd Floor
Chicago, Illinois 60602

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

Bryant K. Williams
Environmental Scientist

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

cc: Rahmat Begum, Chicago Department of Environment
Verneta Simon, USEPA

Attachment A Permit
Attachment B Figure

Attachment A

Permit

City of Chicago
Richard M. Daley, Mayor

Department of Environment

Twenty-fifth Floor
30 North LaSalle Street
Chicago, Illinois 60602-2575
(312) 744-7606 (Voice)
(312) 744-6451 (FAX)
(312) 744-3586 (TTY)

http://www.cityofchicago.org

CITY OF CHICAGO DEPARTMENT OF ENVIRC NMENT
FORM NO. DOE-ROW.01

Notice is hereby given that the site you have requested information on is rec ded with the City of Chicago Department of Environment as potentially having environmental ontamination on the site and adjacent right-of way. This environmental contamination could esent a threat to human health and safety in connection with work performed at the site, or in e adjacent right-of-way, if proper safeguards are not employed.

A file containing detailed information regarding the aforementioned environn ntal 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 - :30 PM, Monday through Friday). Contact Rhamat Begum at (312) 744-3152 for an a pointment. This file must be reviewed and the remainder of this form completed before the per nit can be issued. **Please note that for some locations, additional health and safety procedur may be required by law.**

Please complete the following:

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

Permit No. 158069762

Date 3-22-2011

Site Address
1) 600-602 N Lakeshore Dr
2) 440-485 E Ohio st

Work Location (describe exact site location)
1) 600-602 N Lakeshore Dr. Dig (1) 6'x6'x12' Opening to rmv/rpl foundation mesh/pkwy
2) MicroTrench 465'x1'x1' in CT Lane @ 440-485 E Ohio st.

Nature of Work
Dig + Trench to place equipment for DAS project in Chicago

Signature Michele Pisterzi
Name (print) Michele Pisterzi
Company AT+T
Address 2457 Union Blue Island IL
Phone No. 708 824 2817

Prime Contractor/Contact John Burns Const. / Diamon Coring
Address Contact: Michele Pisterzi@A 4T
Phone 708 824 2817

Safety Officer/Phone Steve Kornder
Radiation Contractor/ Phone (if applicable) 847-279-2448

Signed by Department of Environment Rahmatunisa Begum
Date 3/22/2011

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

NEIGHBORHOODS Alive!
BUILDING CHICAGO TOGETHER

Revised M 13, 2002

CHICAGO WORKS

Attachment B

Figure

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 ENCASEMENT TO BE 6" MINIMUM
   D. ALL CONCRETE TO BE TYPE "C" CONCRETE ENCASED
   E. CONTRACTOR AT HIS EXPENSE TO HAVE UTILITIES LOCATED AND MARKED AND TO DIG 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 DIGGER ON 312-744-7000 AND NOTIFY UTILITIES 48 HOURS IN ADVANCE OF DIGGING
   K. CONTRACTOR TO ADHERE TO OSHA/CDOT/IDOT REGULATIONS REGARDING JOB AS APPLICABLE
   L. REMOVE OF ALL SPOIL & BACKFILLING OF ALL EXCAVATIONS TO CONFORM TO CITY OF CHICAGO CODE AND RESPECTIVE WARD.

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 VAULTED? YES OR NO
NEAREST BLDG ADDRESS: **600 N LAKE SHORE DR, CHICAGO, IL 60611**
COLOR OF POLE: **BLACK**

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 S01.

LIGHT POLE: REPLACE EXISTING POLE WITH STEEL, 34'-6" LONG, ANCHOR BASE 12.5" DIAMETER 3GA 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.

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

Approximate location of trench/excavation work

CONNECT TO MANHOLE BY DRILLING OUT OF THE STRUCTURE TO THE ROAD SURFACE (SEE SHEETS 07&08). INSTALL 5'x2" PVC CONDUIT INTO MH

PROPOSED MICRODUCT CONDUIT INSTALLED VIA LARGE DIAMETER CONCRETE SAW MICRO TRENCHING FOR POLE. APPROXIMATE LENGTH 505'. SEE DETAILS (SHEET 08&09).

ATTACHED MICRODUCT TO EXISTING MICRODUCT IN POLE

E ONTARIO ST
E OHIO ST
N LAKESHORE DR
LAKE MICHIGAN
MH #28 7'x8'
MH #33 9'x11'
MH #37 7'x17'
MH#10708
MH#14098
11'x34'x10' NETWORK VAULT
COMED 2ST, 43'
2-4"PC, 44'
1-4"PL, 21'
SEWER 12"
SEWER 18"
SEWER 15"
ASPH
P/L
CSW

- 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
- ComEd MANHOLE
- DEO MANHOLE
- ATT MANHOLE
- SEWER MANHOLE
- CATCH BASIN
- INLET
- FIRE HYDRANT
- WATER VALVE VAULT
- PROPOSED ELEC. CONDUIT
- PROPOSED FIBER CONDUIT
- PROPERTY LINE
- TELEPHONE CABLE
- GAS PIPE
- SEWER LINE
- WATER PIPE
- ASPH = ASPHALT PAVEMENT
- CSW = CONCRETE SIDEWALK

TELCO UTILITY PLAN

SCALE: 1"=40'-0"

Apex Engineers, Inc.
Structural & Civil Engineers
500 East 22nd Street, Suite B
Lombard, Illinois 60148
Ph. (630) 627-1800
Fax. (630) 627-1165

APEX JOB No. AT10-352/05

E OHIO ST/ N LAKESHORE DR
SITE NO. IL4615

600 N LAKESHORE DR
CHICAGO, IL 60611

8216225

at&t

NO.	DATE	REVISIONS	BY	CHK	APP'D
D	03/01/11	ISSUED FOR REVIEW	YA	RG	RG
C	02/28/11	ISSUED FOR REVIEW	YA	RG	RG
B	02/09/11	ISSUED FOR REVIEW	YA	RG	RG
A	11/01/10	ISSUED FOR REVIEW	GR	RD	RG

SCALE: AS SHOWN | DESIGNED BY: | DRAWN BY:

AT&T MOBILITY

TELCO UTILITY PLAN

DRAWING NUMBER: IL4615-02 | REV: D

11 x 17 'B' SIZE