



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

312.938.0300 tel
312.938.1109 fax

March 31, 2011

Ms. Michele Pisterzi
AT&T
2427 Union Street
Blue Island, Illinois 60406

Subject: Radiological Survey of Right-of-Way Utility Excavation
Permit No. 158381233
Permit Address: 651 – 663 North Michigan Avenue and 136 East Erie Street
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 (refer to Attachment B). AECOM provided the required radiation surveillance on March 28 and 29, 2011 for the excavation of three excavation openings: an approximately 55 foot by 3 foot excavation to a depth of 3 feet below ground surface (bgs); an approximately 6 foot by 6 foot excavation to a depth of 12 feet; and an approximately 5 foot by 5 foot excavation to a depth of 4 feet to install telecommunication utility lines in the vicinity of the permitted address.

Surveying was performed for the asphalt, concrete, and soil removal for the excavations required for the installation of telecommunications utility lines. Three excavation areas were saw cut (the sizes are referenced in the above paragraph) into the asphalt and concrete surface, exposing the structural backfill material located below. After asphalt and concrete were removed, the installation contractors, John Burns and Western Utility, utilized a backhoe to remove subsurface soils to expose the telecommunications utility installation area. Soils removed from the excavation were taken off-site for proper manifesting and disposal. AECOM proceeded to monitor the soils in increments of approximately 18-inches to a depth of approximately 4-feet. Soils from the trench/excavation that were from a depth greater than 4 feet were 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) with a 3-foot long cord. For the instrument configuration 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 value previously stated and ranged from a minimum of 4,180 cpm to a maximum of 5,545 cpm. Thus, there was no indication of the presence of radiologically-impacted material and/or an exceedance of the USEPA cleanup threshold of 7.1 pCi/g total radium.

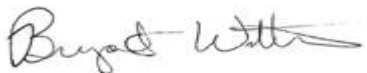
AECOM

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

Permit No.
158381233

Date
3/24/2011

Site Address
1. 659-663 N Michigan Av
2. 136 E Erie St
3. 651-659 N Michigan Av
Work Location (describe exact site location)

- 6'x6'x12' opening in curb/plwy
- 1. 5'x5'x4' pit in N/E Quad of Intersection @ 659 N Michigan / 136 E Erie St
- 3. Trench 55'x3'x4' in N/B Curb (Bus) 651-659 N Michigan Av.

Urgent -
we can only
work 3/27-31

Thanks!
michele



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 on 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 Rhamat 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 Pisterza
Name (print) Michele Pisterza
Company AT&T
Address 2427 Union Blue Island IL 20
Phone No. 708-824-2817

Prime Contractor/Contact Use michelle Pisterza AT&T
Address 2427 Union Blue Island IL
Phone 708 824-2817 (FAX-708 824 2828)

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

Signed by Department of Environment Rhamatunisa Begum
Date 3/25/2011

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 AM - 4:30 PM, Monday through Friday).



Attachment B

Figure

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, POLE BASE 12.5" DIAMETER 3GA THK. 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.

CONTRACTOR TO PLACE 20' (1) 2" PVC TRADITIONAL TO PIT FOR JOINT TRENCH

CONTRACTOR TO EXCAVATE A PIT AND INTERCEPT THE EXISTING AT&T CONDUIT PACKAGE AND PLACE 500' OF MICRODUCT FROM AT&T MH#13737. CONTRACTOR TO OPEN 35' TRADITIONAL JOINT TRENCH AND PLACE (2) 2" PVC DUCTS TO THE DESIGNATED CITY POLE. RESTORE PAVEMENT TO ORIGINAL CONDITION.

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: 663 N MICHIGAN AVE., CHICAGO, IL 60611 COLOR OF POLE: GRAY

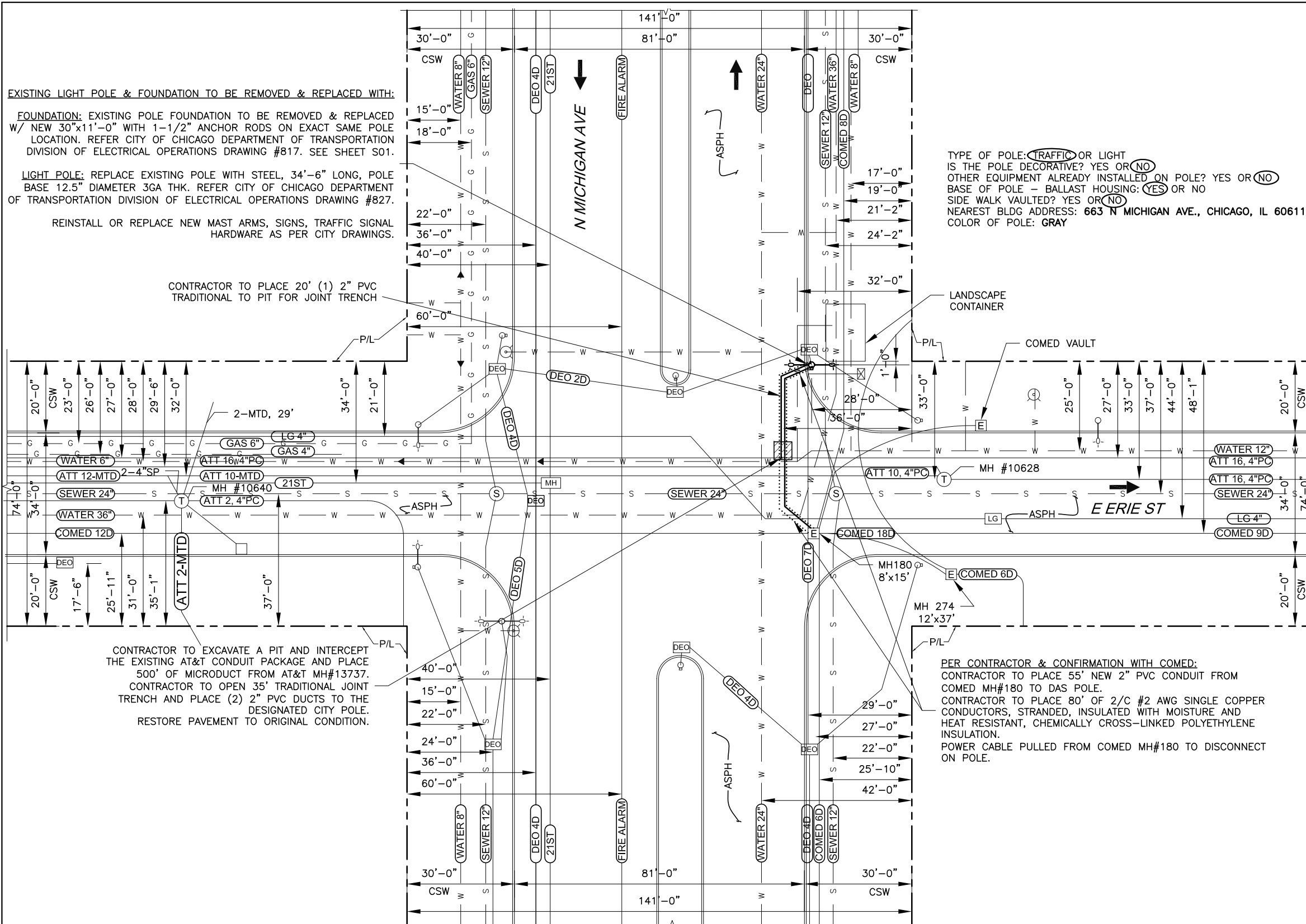
PER CONTRACTOR & CONFIRMATION WITH COMED: CONTRACTOR TO PLACE 55' NEW 2" PVC CONDUIT FROM COMED MH#180 TO DAS POLE. CONTRACTOR TO PLACE 80' OF 2/C #2 AWG SINGLE COPPER CONDUCTORS, STRANDED, INSULATED WITH MOISTURE AND HEAT RESISTANT, CHEMICALLY CROSS-LINKED POLYETHYLENE INSULATION. POWER CABLE PULLED FROM COMED MH#180 TO DISCONNECT ON POLE.

- 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

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 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.



ELECTRICAL/TELCO UTILITY PLAN

SCALE: 1"=30'

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

N MICHIGAN AVE/ E ERIE ST
SITE NO. IL4614

663 N MICHIGAN AVE.
CHICAGO, IL 60611

8216085



G	03/07/11	ISSUED FOR REVIEW	YA	RG	RG
F	03/01/11	ISSUED FOR REVIEW	YA	RG	RG
E	02/28/11	ISSUED FOR REVIEW	YA	RG	RG
D	02/07/11	ISSUED FOR REVIEW	YA	SP	SP
C	12/16/10	ISSUED FOR REVIEW	GR	RD	RG
NO.	DATE	REVISIONS	BY	CHK	APP'D
SCALE: AS SHOWN		DESIGNED BY:	DRAWN BY:		

AT&T MOBILITY

ELECTRICAL/TELCO UTILITY PLAN

DRAWING NUMBER

IL4614-02

REV

G

APEX JOB No. AT10-352/04

6

5

4

3

2

11 x 17" SIZE