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

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

August 23, 2015

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

RE: Radiological Survey of Right-of-Way Utility Excavation
Permit No.: 569055253
Permit Address: 2547 S. Dr Martin Luther King Jr. Drive
AECOM Project No. 60163572

Dear Ms. Pisterzi:

Pursuant to conditions specified in a permit (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 monitoring on August 4 and 5, 2015 for a trench excavation to repair a duct bank to install communications service package.

Surveying was conducted in 18-inch lifts for fill soil removed from an approximately 5-foot wide by about 5-foot long trench excavation to a depth of 36 to 48-inches in the Right of Way (ROW) at the above referenced address (refer to annotated sketch). A cleanup criterion has not been approved for the former Carnotite facility area by the USEPA. Therefore, the USEPA has requested that the field instrument threshold for potentially radiologically contaminated material conservatively be set at approximately twice the field instrumentation background. Gamma radiation count measurements for the project were made using a Ludlum Model 2221 survey meter and an unshielded 2 x 2 inch sodium iodide (NaI) probe Model 44-10. For the instrument used, the gamma count indicative of the USEPA 7.1 pCi/g total radium cleanup value for Streeterville was 17,025 counts per minute (cpm) unshielded.

The field instrument gamma background for the area was measured at approximately 7,400 cpm unshielded. Field gamma measurements greater than twice the field background represent potential anomalous results that require more cautious and frequent field screening, but are not necessarily indications of the presence of thorium contaminated fill soil. Although none were observed for this project, gamma readings above 17,025 cpm would be considered a potential indication of the presence of radiologically contaminated fill soil.

The field gamma measurements within the excavation and of the spoil materials generated during the excavation process did not exceed twice the field instrument or the threshold equivalent to the USEPA cleanup value for Streeterville. Gamma measurements ranged from a minimum of 5,100 cpm to a maximum of 12,000 cpm unshielded. The monitoring revealed no gamma readings above twice background. Thus, there was no indication of the presence of radiologically-contaminated fill soil and/or an exceedance of the USEPA Streeterville cleanup value of 7.1 pCi/g total radium.

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

Chicago Department of Public Health
Attn: Ms. Rahmat Begum
333 South State Street, Rm. 200
Chicago, Illinois 60604

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

Regards,

Andrew Kozak
Project Geologist

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

cc: Rahmat Begum, Chicago Department of Public Health
Verneta Simon, USEPA

Attachments: CDOT Permit
Sketch

Radiological Survey of Right-of-Way Utility Excavation
Permit No.: 569055253

PERMIT

Permit # 569055253

9680919

AMENDED

Sonoma Street

Received Date: Jul 9, 2015 3:14:55

SBC ILLINOIS
2427 UNION
BLUE ISLAND, IL 60406

MICHELE 708-824-2817

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

ACTIVITY HOURS

Start no earlier than 9 AM. Stop no later than 4 PM. - Parking Work Vehicle - Maint (Curb-Traffic Lane)

DATES

Jul 9, 2015 through Sep 4, 2015

ACTIVITIES

Parking Work Vehicle - Maint (Curb-Traffic Lane): **Dig #: TBD**

A WORK VEHICLE vehicle will be using 50 feet in the Curb and Traffic Lanes for Maintenance.

Vehicle License Number N/A and State issued N/A.

201 - 299 E 24TH PL

MH ACCESS TO ROD / ROPE & PLACE IPP FOR I-55 PROJECT
CONTRACTOR: ATT / SONOMA
JOB NO# 9680919 / REQ 2015-1201

THIS IS FOR THE I-55 PROJECT

300 - 348 E 24TH PL

2400 - 2633 S DR MARTIN LUTHER KING JR DR

5240970742

Parking Work Vehicle - Maint (Curb-Traffic Lane): **Dig #: TBD**

2400 - 2633 S DR MARTIN LUTHER KING JR DR

Street Opening (Curb Lane): **Dig #: TBD**

There will be 2 opening(s) in the public way for the purpose: DIG.

5 Feet x 5 Feet x 6 Feet

Excavation may commence on - NO SOONER.

2547 S DR MARTIN LUTHER KING JR DR

ENVIRONMENT SIGN OFF BY RAHMAT BEGUM 8/10/15

THE REQUESTED DIG LOCATION GIVEN APPEARS TO BE CLEAR OF IRRIGATION UTILITY CONFLICTS. THERE IS A LANDSCAPED MEDIAN AT THIS LOCATION. NO ENTRY INTO THE LANDSCAPE MEDIANS/ STREETSCAPE PLANTERS WILL BE ALLOWED FOR ANY REASON. THIS SHALL INCLUDE BUT SHALL NOT BE LIMITED TO PARKING OF ANY KING AND OR STAGING OF EQUIPMENT AND MATERIALS. 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

OK K MARTIN 8/11/15

2524 - 2524 S DR MARTIN LUTHER KING JR DR

Restrictions:

1. A copy of the permit must remain on-site for inspector's review.
2. Permit fees must be paid within 24 hours of the date of issuance. Failure to pay will result in you being considered in violation of the terms and agreement of the permit and subject to any applicable fine and fees as if you never attained a permit. Additionally, you will still be responsible for the cost of the original permit. Monthly billing accounts are not applicable to the 24 hour payment criteria but failure to pay the monthly bill by the due date will result in the same penalties applying.
3. All traffic control will be the responsibility of the contractor and must comply with all MUTCD standards.
4. Restore all lanes to normal operation during non-working hours.

Restrictions:

5. Must use flagmen and/or arrow boards to maintain traffic operations through the work zone.
6. Maintain vehicular traffic at all times.
7. Maintain pedestrian traffic at all times.
8. Cranes must be operated by a licensed crane operator.
9. 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.
10. It is the responsibility of the applicant to fund Traffic Control Aides if the City deems it necessary due to heavy congestion situations.
11. Pursuit to City Ordinances 10-20-150 and 10-28-281.3 a re-inspection fee of $100 may be assessed for each inspection conducted after the initial inspection.
12. All directional boring must be pre-approved by the Office of Underground Coordination.
13. 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.
14. Contractor must notify DIGGER at 312-744-7000 no less then 48 hours (exclusive of Saturdays, Sundays and Holidays) but no more then 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 DIGGER to renewal the dig date!
15. 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.
16. When applicable, all excavation areas are to be clearly marked in safety white paint prior to calling DIGGER. White paint is not required for joint meets or emergency work.
17. 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.
18. Pursuit to City Ordinances 8-32-140 through 170 use of pneumatic equipment must not begin before 8:00 A.M. or continue after 8:00 P.M.
19. Permittee must provide a sign which identifies the telephone number and company or person performing the work. Signage may be affixed to barricades.
20. Work to be performed as per plans and specifications.
21. All pavements and pavement markings are to be restored in accordance with CDOT Construction Standards.
22. All street openings must be restored with concrete base to grade.
23. Permanent base pavement restoration to follow within 5 days after the completion of underground work.
24. WARNING: THIS WORKSITE(S) CONTAINS PETROLEUM MATERIAL. ANY QUESTIONS PERTAINING TO HANDLING OF MATERIALS, CONTACT THE DEPT. OF ENVIRONMENT AT 312-744-3152.
25. BIKE FACILITY: On streets with bike markings and/or bike signage the CDOT Bike Program can provide existing pavement marking plans and details. Please contact CDOT Bike Program

Restrictions:

representative Bradley Topol in advance of activity to ensure restoration of pavement markings. Contact at (312) 744-0513 or at CDOTBikes@cityofchicago.org

SHARED LANE YIELD TO BIKES signs must be posted if bike traffic is shared with vehicular traffic. Please see the CDOT Rules and Regulations For Construction in the Public Way for more guidance on bike temporary traffic control.

26. All metal plates used for public way construction or placed within the right-of-way must indicate Ownership!

Affected CUAN Sites: 5, 12, 15, 21, 22, 24, 28, 29, 31, 34, 35, 41, 53, 61, 68, 70, 71, 79, 144, 148, 157

EFFECTIVE DATES OF PERMIT

Current: Jul 09, 2015 through Sep 04, 2015 (Input date: Aug 04, 2015 3:14:52 p.m.)
Previous: Jul 09, 2015 through Jul 22, 2015 (Input date: Jul 09, 2015 3:14:55 p.m.)

END OF PERMIT

5240970742

DEPARTMENT OF PUBLIC HEALTH

CITY OF CHICAGO

FORM NO. CDPH.ROW.03 (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): Michele Pisterzi Signature: Michele Pisterzi

Site Address and Work Location (Describe exact site location and attach map): 2324 and 2541 S Dr Martin Luther King Jr Drive. (2) openings in curb Lane for I55 - Project.

Nature of Work: Dig (2) 5'x5'x6' openings in curb Lane.

Company Name, Address, Phone No.: At+T 2427 Union Blue Island IL 60406 708 824 2817

General / Prime Contractor Name, Address, Phone No.: Sonoma 103 Ford Dr New Lenox IL 815 320-3222
Include subcontractor information if applicable
Safety Officer / Phone No. Ryan Ford 815-274-3360

Radiation Contractor / Phone No. (if applicable) AECOM - Steve Kornder 262-515-7700

Check if City Department Work ☐ Department Name: IDOT Project

CDOT Permit No.: 569 055253

Today's Date: 8/6/15 Expected Start Date: 8/10/15 CDPH Approval / Date Rahmatunisa Begum 8/10/2015

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

Fax # 708-272-6672

North

Notes: Dig 2 pits to expose and repair conduit for cable placement - I55 and ML King Road Project.

Work to be coordinated with Steve Kordner-AECOM for

AT&T		Ref N/R		Date Service Req'd 6/18/15	
RNO	Geo Loc Q12830	Wire Center Chicago Calumet		Date Issued	
Municipality Chicago	County Cook	Township South	1/4 Sect NW sec 27		Tax Dist
Location & Description: Martin Luther King Dr From E Eastgate Pl to E 26th St Dig pits to expose and repair broken conduit for cable placement Associated with CDOT I-55/ ML King Road Improvement Project					12KV
Drawn By	Originator Bruce Brown	Telephone Number 630-573-5715		PLR ca0103b.dgn	
Revisions				Maj. Code STAN	
				EWO 9680919	
				Print 1A OF 1	

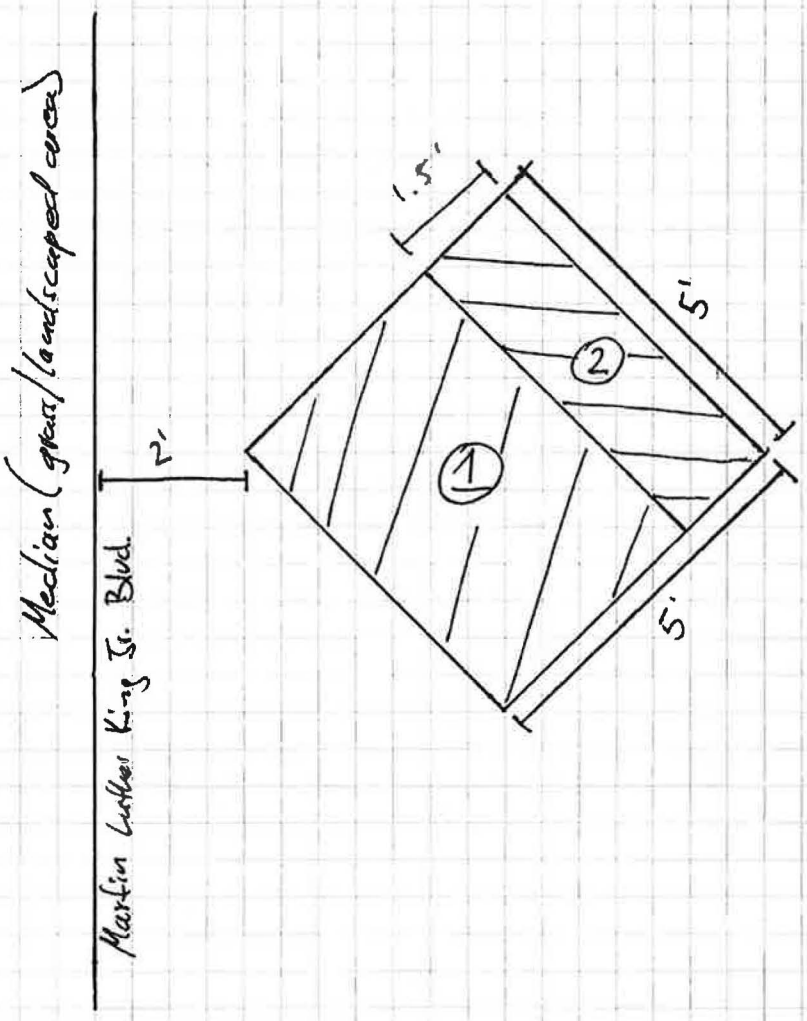
Radiological Survey of Right-of-Way Utility Excavation
Permit No.: 569055253

SKETCH

AECOM

JOB TITLE AT&T ROW RAD Investigation 2547 S. MLK Drive
JOB NO. 60163572 Task 9140 CALCULATION NO.
ORIGINATOR Andrew Kozak DATE 8/20/15
REVIEWER Steve Kornder DATE 8/20/15
SCALE N/A SHEET NO. 1 OF 1

Trench Excavation surveyed w/ Ludlum - 2221
with 2x2 NaI Probe (unshielded)
S/N: 172039
cutoff: 17,025 cpm
background: 7,400 cpm



① ~ 36-38" bgs

Depth	cpm
0-16"	Concrete/Asphalt
16"-24"	< 5,000 cpm
24"-36"	< 8,400 cpm

② ~ 48" bgs

Depth	cpm
0-16"	Concrete/Asphalt
16"-24"	< 5,000 cpm
24"-36"	< 8,4000 cpm
36"-48"	< 124000 cpm

Grid: 5x5 = 1 in