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# LETTER OF TRANSMITTAL

Submittal No.:014D

<b>TO: Marlene Gaeta, Senior Engineer Construction Management</b> Consolidated Edison Company of New York, Inc. 31-01 20 <sup>th</sup> Avenue, Building 136 2 <sup>nd</sup> Floor Astoria, New York 11105  (718) 204-4010 Office (646) 210-4256 Cell Phone <a href="mailto:GAETAM@coned.com">GAETAM@coned.com</a>	<b>MT JOB NO.</b> 13007	<b>Date:</b> 10/21/13
	<b>RE:</b> Former Kent Avenue Generating Station Interim Remedial Measure 500 Kent Avenue Brooklyn, New York  <b>Purchase Order No. 4167052</b>	

**WE ARE SENDING YOU**  Attached  Other: As Below

COPIES		DESCRIPTION	REVISION 4
1	<b>Spec:</b>  <b>Item:</b>  <b>Author:</b>	01410 CONTRACTOR'S HEALTH AND SAFETY PLAN  2.03 14 Transportation and Traffic Safety Plan – <i>Revision 4</i>  <i>[Revised per DEC Comments]</i>  Maxymillian Technologies, Inc.	

**THESE ARE TRANSMITTED as checked below:**

For approval    
  For your use    
  As requested    
  Return comments for distribution

**REMARKS:**  
**TRANSMITTED ELECTRONICALLY**

  
**SIGNED** \_\_\_\_\_  
**Sara Kelley, Project Engineer**

cc: D.Rubin, M.Lombardi, T.O'Connell, F.Perez, C.Kraemer, S.Shatz, G.Houle, V.Palen, S.Kelley, C.Riccardi

If enclosures are not as noted, please notify us at once.

# Transportation and Traffic Safety Plan

**For**  
**Kent Avenue Remediation Project**  
**Former Kent Ave Generating Station**  
**500 Kent Ave**  
**Brooklyn, New York**

**Purchase Order No.4167052**

*Prepared For:*



**Consolidated Edison Company of New York, Inc.**  
**4 Irving Place**  
**New York, New York 10003**

*Prepared By*



**1801 East Street**  
**Pittsfield, MA 01201**  
**MT Project No: 13007**

**October 2013**

**MAXYMILLIAN TECHNOLOGIES, INC.**  
Reviewed For Submission

Spec Sect # 01410 Trans # 014D  
Date: 10/21/13 By: SJK

## Table of Contents

<b>1.0</b>	<b>TECHNICAL PLAN/PERFORMANCE WORK STATEMENT.....</b>	<b>1</b>
1.1	STATEMENT OF WORK.....	1
<b>2.0</b>	<b>SUMMARY .....</b>	<b>1</b>
<b>3.0</b>	<b>SITE TRAFFIC NOTES .....</b>	<b>2</b>
<b>4.0</b>	<b>TRAFFIC FLOW.....</b>	<b>2</b>
4.1	OVERVIEW .....	2
4.2	MOBILIZATION .....	3
4.3	TRAFFIC ROUTES DURING NORTH REMEDIATION .....	3
4.4	TRAFFIC ROUTES DURING SOUTH REMEDIATION .....	3
4.5	CLEAN MATERIALS HANDLING .....	4
4.6	OFF-SITE TRANSPORTATION OF MATERIAL SUCH AS SOIL, DEBRIS, AND WASTEWATER....	4
4.7	FENCING MODIFICATIONS TO CONTROL TRAFFIC FLOW.....	5
4.8	DEMOBILIZATION .....	5
<b>5.0</b>	<b>HAUL ROUTES.....</b>	<b>5</b>

### ATTACHMENTS:

Site Logistics Plan During North Remediation  
Site Logistics Plan Furing South Remediation

## **1.0 TECHNICAL PLAN/PERFORMANCE WORK STATEMENT**

Consolidated Edison Company of New York, Inc. has contracted Maxymillian Technologies, Inc. (MT) to perform remedial construction activities at the Former Kent Ave Generating Station site located at 500 Kent Ave, Brooklyn, New York. MT has prepared this site-specific Transportation and Traffic Safety Plan in accordance with Purchase Order No. 4167052, and specification entitled *Bid Specification for Interim Remedial Measure Former Kent Avenue Generating Station*, dated December 14, 2012.

### **1.1 Statement of Work**

The site-specific Transportation and Traffic Safety Plan for remedial construction at the Kent Avenue Generating Station site is based on the following work objectives:

- Pre-plan all work, including delivery of materials, or loading and removal of materials, to have the least intrusive impact upon the neighboring community;
- Perform delivery and removal of materials so as not to impede public vehicular traffic, or pedestrian bike or foot traffic;
- Schedule deliveries at times of low traffic volumes when practical;
- Schedule deliveries to occur such that the number of transport vehicles on-site at any specific time is minimized;
- Employ environmental controls to prevent fugitive dust during off-loading of imported fill, or loading of debris or sediment;
- Perform the majority of on-site activities Monday thru Friday, 7:00 am – 3:30pm.

## **2.0 SUMMARY**

The site-specific Transportation and Traffic Safety Plan will address the following areas of concern:

- Fire Hydrant Access;
- Maintenance of Traffic and Parking Areas;
- Parking for workers on the project site;
- Traffic Flow:
  - Mobilization

- Traffic within the project site
- Deliveries of clean materials
- Off-site transportation of impacted material
- Demobilization
- Keeping off the “Limited Loading Areas” on site with trucks/heavy equipment.

### **3.0 SITE TRAFFIC NOTES**

- MT will not obstruct any access to fire hydrants. Access to the fire hydrants along Division and Kent Avenues will be maintained throughout the duration of the project.
- MT will keep all traffic and parking areas clear of debris, heavy equipment, materials, and excavated material for the duration of the project.
- MT will maintain a parking area within the 500 Kent Avenue property within the Support Zone.
- Trucks entering and exiting the site will not use Division Avenue (East of Kent Avenue) during school hours as there is a school located there. See truck route below for exiting the immediate neighborhood area.

### **4.0 TRAFFIC FLOW**

#### **4.1 Overview**

The project is divided into two general activities: the North Remediation activities and the South Remediation activities. MT will utilize the Kent Avenue gate during the North Remediation activities and will install a new Division Avenue gate to be used during the South Remediation activities.

A site-specific visitor’s orientation will be given to all truck drivers expected to frequent the site. These drivers will be given an orientation to familiarize them with site activities, restrictions, and traffic procedures.

Public safety is a high priority of this project. All regular truck drivers and delivery personnel will be given a safety briefing regarding the traffic safety plan. Trained traffic control personnel (flaggers) will be used to assist the truckers when entering and exiting the site. They will stop traffic (bicycles, pedestrians, or vehicles) in a controlled manner to ensure the trucks can enter or exit in a safe manner. Trucks entering/exiting the site via Division Avenue will be under the direction of the existing street light. This light should assist in the control of traffic and allow for safe entrance and egress. Flaggers will also be used on Division Avenue as needed.

Along Kent Avenue, as the truckers exit the site, due to their height in their cabs – they should be able to see along Kent Avenue and not have obstructed views. This, along with a flagger, will ensure a safe entry and exit from the site.

Trucks scheduled to pick up or deliver soil will be spaced out as not to have multiple vehicles at any one time on the site or in the surrounding areas. Trucks will stage in a non-congested area away from the immediate neighborhood so as to avoid local streets, and await word from the site as when to proceed to the site. Typically trucks will have radios where they can communicate with each other.

#### **4.2 Mobilization**

During mobilization from the site, transport vehicles will access and exit the site via either Division Avenue or Kent Avenue. The primary access/exit to the site will be Division Avenue; but various equipment or certain circumstances may require the use of the Kent Avenue gate.

#### **4.3 Traffic Routes during North Remediation**

The Site Supervisor will coordinate vehicular traffic within the project site.

1. Equipment and materials mobilized to the site will enter via Kent Avenue and exit via Kent Avenue;
2. Daily site personnel will enter the site via Kent Avenue and exit the site via Kent Avenue. An employee parking area and office trailers will be located within the fenced site at the east side of the of the 500 Kent Avenue property;
3. Transport vehicles picking up soil, debris, and impacted wastewater will enter the site via Kent Avenue and exit the site via Kent Avenue;
4. Transport vehicles delivering construction or backfill materials will enter the site via Kent Avenue and exit the site via Kent Avenue;
5. Stockpiled “clean” materials for use as backfill will be stockpiled within the proposed footprint of the site.

#### **4.4 Traffic Routes during South Remediation**

The Site Supervisor will coordinate vehicular traffic within the project site.

1. As part of the South Remediation activities, a gate will be installed in the existing site perimeter fence near the west end of Division Avenue to coincide with the existing Division Avenue curb cut;
2. Equipment and materials mobilized to the site will enter via the new gate at the existing Division Avenue curb cut and exit via the existing Division Avenue curb cut;

3. Daily site personnel will enter the site via Division Avenue and exit the site via Division Avenue. An employee parking area and office trailers will be located within the fenced site at the east side of the of the 500 Kent Avenue property;
4. Transport vehicles picking up debris or sediments will enter the site via Division Avenue and exit the site via Division Avenue;
5. Transport vehicles delivering construction or backfill materials will enter the site via Division Avenue and exit the site via Division Avenue;
6. Clean materials for use as backfill may be stockpiled within the proposed footprint of the site.

#### **4.5 Clean Materials Handling**

- A site-specific visitor's orientation will be given to all truck drivers expected to frequent the site. These drivers will be given an orientation to familiarize them with site activities, restrictions, and traffic procedures.
- MT will schedule delivery of products and materials such that backfill materials can be dumped immediately within the proposed work area. Trucks will not be allowed to idle for more than 3 minutes either on-site or at any offsite staging area.
- If multiple deliveries of clean material arrive on-site at one time, vehicles will be staged on-site within the 500 Kent Avenue property along the temporary access road. Trucks will not be allowed to idle for more than 3 minutes if not in use. MT will coordinate deliveries of materials such that deliveries are staggered, with intention to minimize staging of trucks on-site to the extent possible.
- For backfill operations, MT expects multiple deliveries of clean structural fill and stone to the site. With the exception of the first few weeks of the project, deliveries of clean materials will occur throughout the duration of the project.
- During hauling operations, MT will apply water mist, as necessary, to prevent fugitive dust.

#### **4.6 Off-site Transportation of Material Such as Soil, Debris, and Wastewater**

- A site-specific visitor's orientation will be given to all truck drivers expected to frequent the site. These drivers will be given an orientation to familiarize them with site activities, restrictions, and traffic procedures.
- Drivers will only be allowed out of trucks to install truck bed liners. Drivers will not be allowed out of their trucks during loading or at any time while within the exclusion zone or contaminant reduction zone.

- MT will schedule off-site transportation of excavated materials such that excavated materials can be loaded immediately from the stockpile area, to minimize vehicle time onsite.
- If multiple transport vehicles arrive on-site at one time, vehicles will be staged on-site within the 500 Kent Avenue property along the temporary access road. Trucks will not be allowed to idle for more than 3 minutes if not in use. MT will coordinate trucking such that vehicles on-site are staggered, with intention to minimize staging of trucks on-site to the extent possible.
- For material loading and off-site disposal, MT expects approximately 14 to 18 trucks per day during this portion of the project. This amount of truck traffic works out to about 2 trucks an hour. MT's experience is that, this will have very minimal impact on the existing traffic flow and congestion to the overall area.
- During loading of soil and debris, MT will apply water mist to prevent dust.

#### **4.7 Fencing Modifications to Control Traffic Flow**

As part of the South Remediation activities, a gate will be installed in the existing site perimeter fence near the west end of Division Avenue to coincide with the existing Division Avenue curb cut.

#### **4.8 Demobilization**

During demobilization from the site, transport vehicles will access and exit the site via either Division Avenue or Kent Avenue. The primary access/exit to the site will be Division Avenue; but various equipment or certain circumstances may require the use of the Kent Avenue gate.

### **5.0 HAUL ROUTES**

Delivery and disposal trucks will access the Kent Avenue property via designated NYC commercial truck routes.

#### **Local Truck Route to exit immediate neighborhood:**

Left on Kent Avenue (heading north)

Right on Broadway (heading East)

Right on Marcy Avenue (heading South)

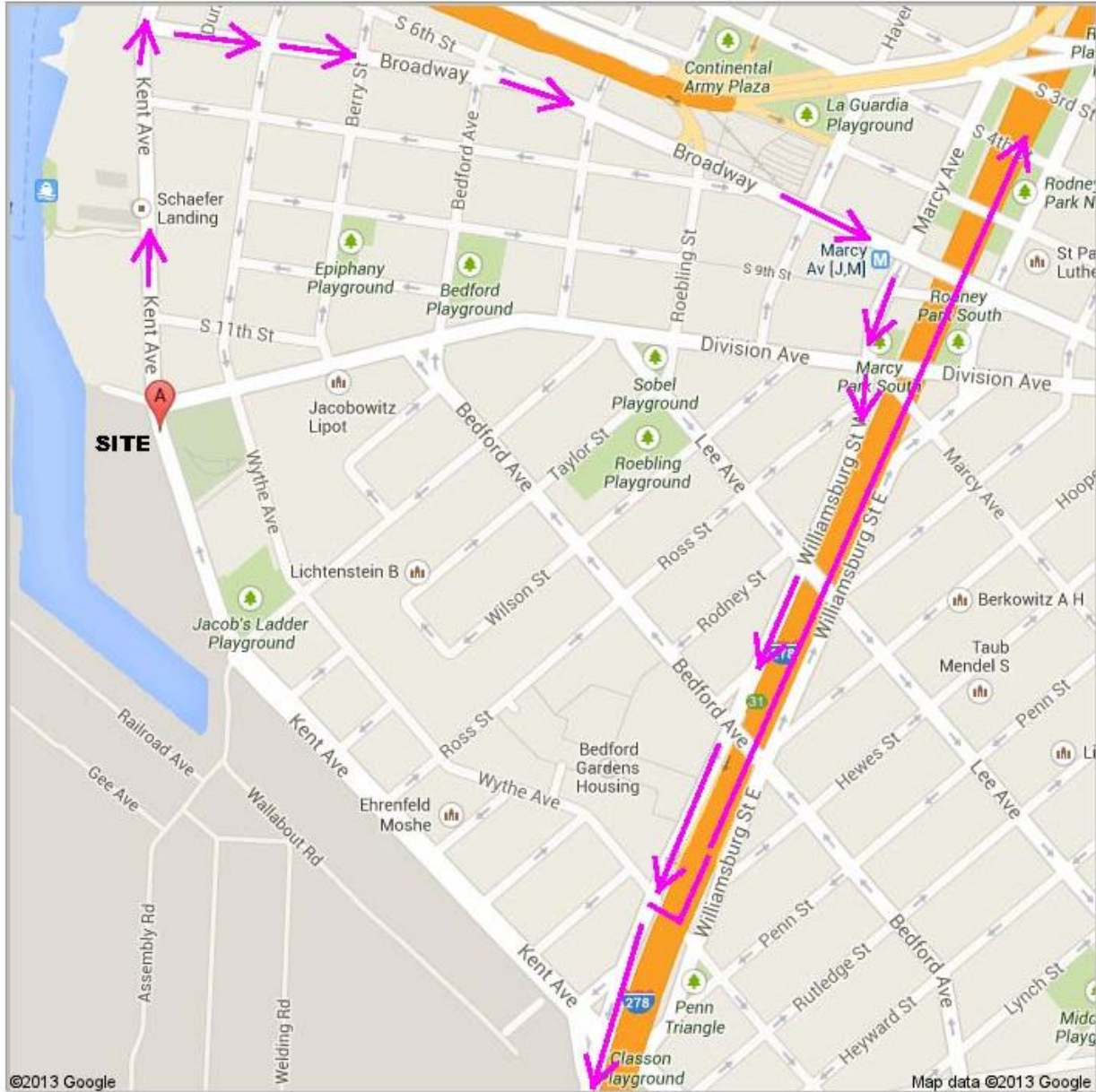
Marcy turns into Williamsburg St. W

Williamsburg St. W becomes Williamsburg Place

Merge onto I-278.



Local Route From Project Site



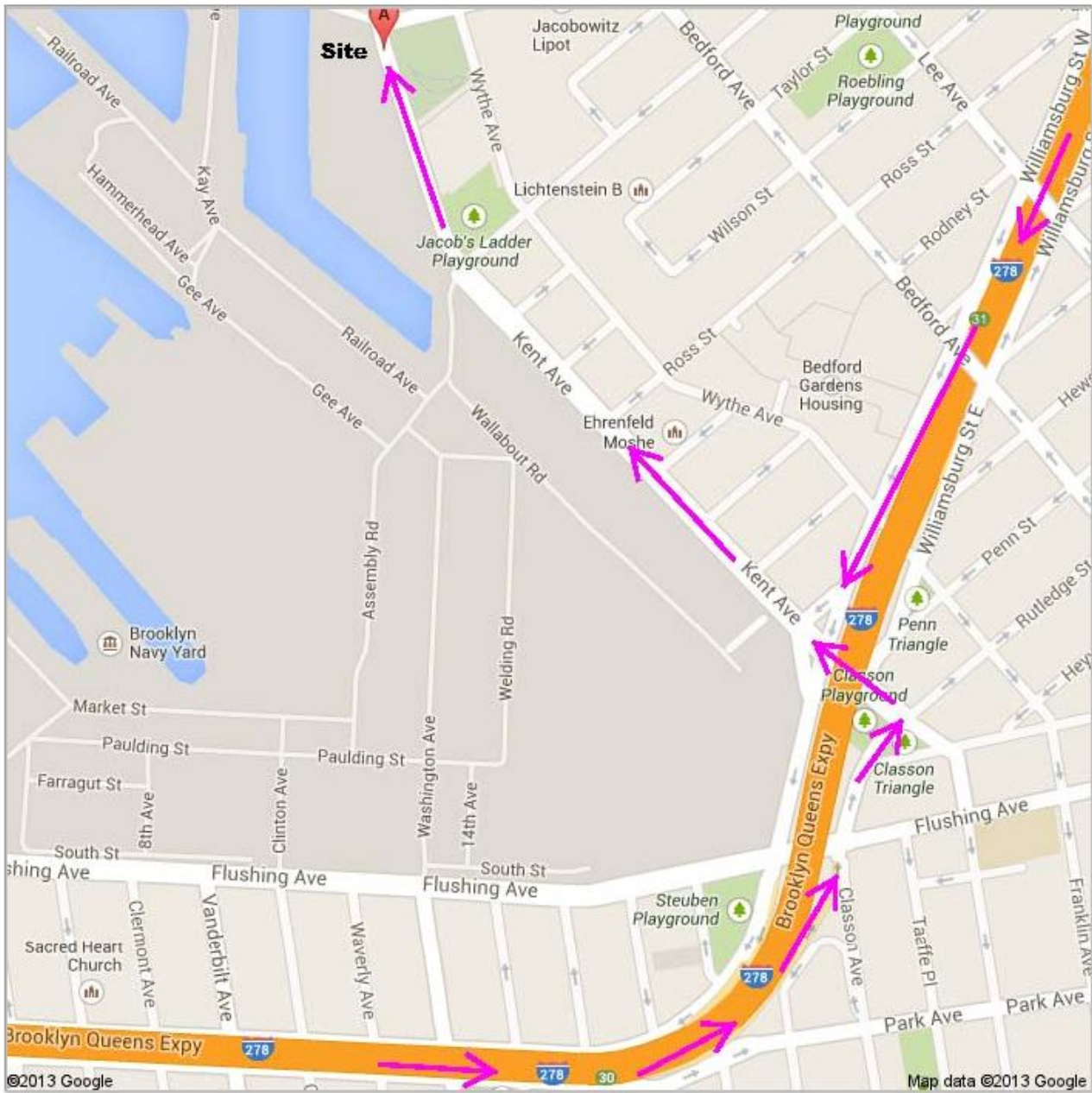
**Local Truck Route to Site from I-278 W:**

Take Exit 31 toward Wythe Ave / Kent Ave  
Merge onto Williamsburg St. W  
Right onto Kent Ave  
500 Kent Ave (Project Site is on the left)

**Local Truck Route to Site from I-278 East:**

Exit 30 toward Flushing Ave  
Straight onto Classon Ave  
Take 2<sup>nd</sup> left onto Kent Ave  
500 Kent Ave (Project Site is on the left)

Local Route To Project Site



## Local Route From Project Site

### **Truck Route to Disposal Facilities (GROWS Landfill / Tullytown Landfill)**

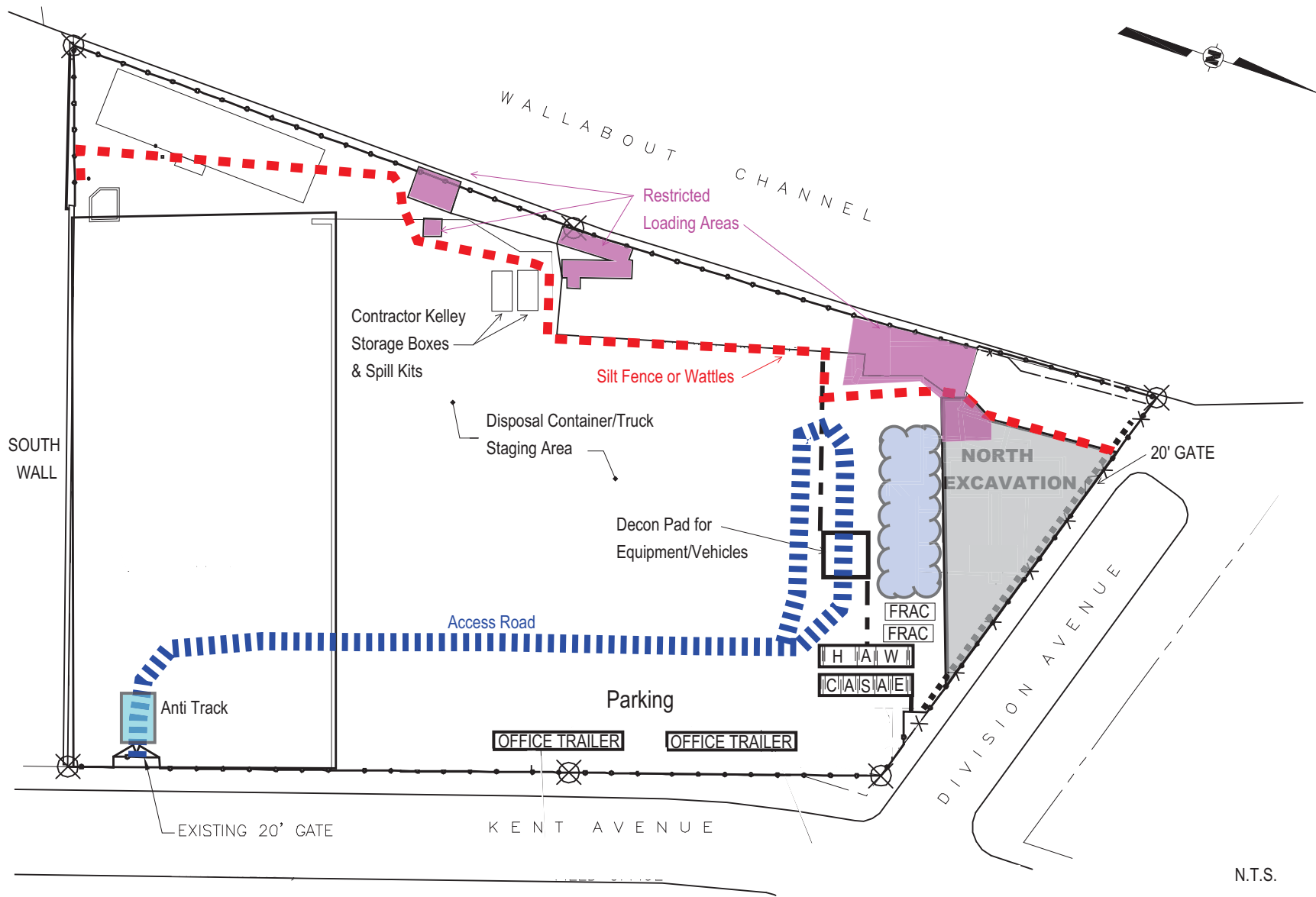
1. Start out going North on Kent Ave toward Division Ave;
2. Take a right onto Broadway;
3. Take a right onto Marcy Ave;
4. Marcy Ave turns into Williamsburg St W;
5. Williamsburg St W becomes Williamsburg Pl;
6. Merge onto I-278 W / Brooklyn Queens Expressway via the ramp on the left toward Verrazano Bridge;
7. Keep right to take I-278 W toward local exits / Lower Level (Portions toll) (crossing into New Jersey);
8. Take the I-95 S exit on the left toward Turnpike South;
9. Take the exit toward Cars/Trucks-Buses;
10. Merge onto New Jersey Turnpike S (Portions toll);
11. Merge onto I-95 W via Exit 7A toward Trenton / Hamilton;
12. Merge onto I-295 N via Exit 60B toward US-1 / Princeton / I-95;
13. Take the US-1 exit, Exit 67 A-B, toward New Brunswick / Trenton;
14. Keep left at the fork in the ramp;
15. Merge onto US-1 S (Portions toll) (Crossing into Pennsylvania);
16. Merge onto Lincoln Hwy / US-1-BR S toward Bristol / US-13 / Yardley;
17. Merge onto US-13 S toward Tullytown / Bristol;
18. Take Tyburn Road East exit;
19. Merge onto New Tyburn Rd / Tyburn Rd;
20. Turn right onto New Ford Mill Rd;
21. 1000 New Ford Mill Rd is on the right.

**Truck Route from Horwith Yard to Kent Avenue Project Site:**

1. Start out going east on Nor-Bath Blvd/PA-329 toward Commerce Drive;
2. Turn right onto Airport Rd/PA-987;
3. Turn left onto Hanoverville Rd;
4. Turn right onto Bath Pike/PA-512 S;
5. Merge onto US-22 E via the ramp on the left toward Easton;
6. Merge onto PA-33 toward I-78;
7. Merge onto I-78 E via the exit on the left toward New Jersey/New York City (crossing into New Jersey);
8. Merge onto I-287 S via EXIT 29 toward US-202 S/Somerville/US-206 S;
9. Keep left to take I-287 toward Perth Amboy;
10. Take the I-95/New Jersey Turnpike exit;
11. Take the exit toward New York and North;
12. Merge onto I-95 / New Jersey turnpike N toward Cars/Trucks-Buses (Portions toll);
13. Merge onto I-278 E via EXIT 13 toward Goethals Br/Verrazano Br (Portions toll) (Crossing into New York);
14. Keep left to take I-278 E toward Belt Parkway East;
15. Keep right to take I-278 E/Brooklyn Queens Expressway toward Triboro Br;
16. Take Exit 30 toward Flushing Ave;
17. Stay straight to go onto Classon Ave;
18. Take the 2<sup>nd</sup> left onto Kent Ave;
19. 500 Kent Ave (Project Site) is on the left.

ATTACHMENT

Site Logistics Plan During North Remediation  
Site Logistics Plan During South Remediation

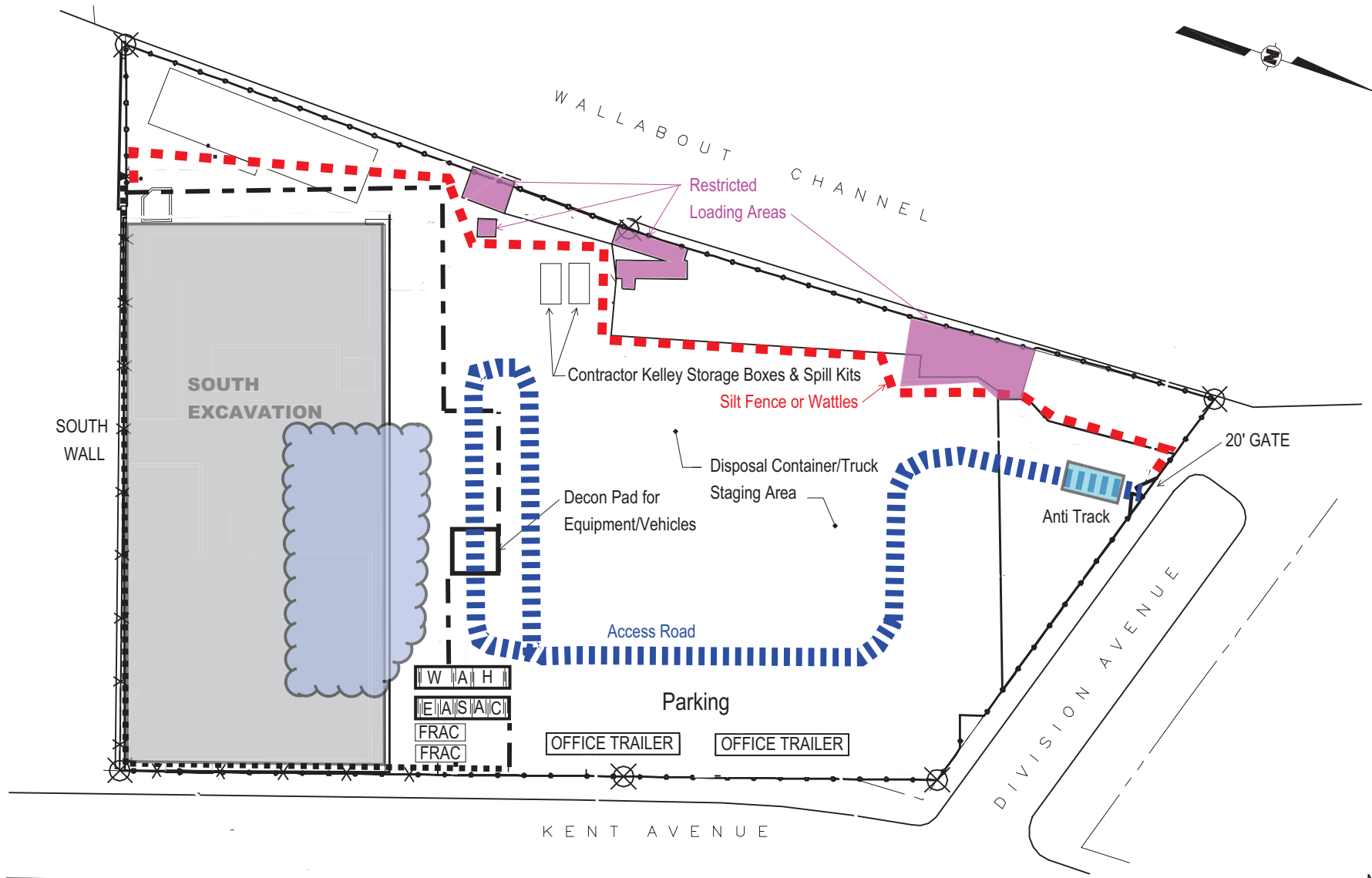


**LEGEND**

- ..... Critical Barrier
- - - - - Extent of Regulated Area\*
- Silt Fence or Wattle
- ||||| Access Road
- [W][A][H] Remote Waste Decon
- [E][A][S][I][A][C] Remote Worker Decon
- ☁ Soil Storage Area\*\*

\*Extent of Regulated Area may be modified during the project as areas are cleared.  
 \*\*Actual Limits of Soil Storage Area may be modified as project progresses.

**SITE LOGISTICS PLAN**  
**DURING NORTH REMEDIATION**  
 Con Edison - Interim Remedial Measure  
 500 Kent Avenue - Brooklyn, NY  
 August 7, 2013



N.T.S.

**LEGEND**

- Critical Barrier
- - - - - Extent of Regulated Area\*
- Silt Fence or Wattle
- ||||| Access Road
- W A H Remote Waste Decon
- E A S A C Remote Worker Decon
- Soil Storage Area\*\*

\*Extent of Regulated Area may be modified during the project as areas are cleared.  
 \*\*Actual Limits of Soil Storage Area may be modified as project progresses.

**SITE LOGISTICS PLAN**  
**DURING SOUTH REMEDIATION**  
 Con Edison - Interim Remedial Measure  
 500 Kent Avenue - Brooklyn, NY  
 August 7, 2013