



Lower Manhattan Construction Command Center Construction Coordination and Protocols

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1. Criteria for Project Tracking

In November of 2004, the Governor of New York and the Mayor of New York City signed joint executive Orders creating the Lower Manhattan Construction Command Center (“LMCCC”) and charging it with coordination and oversight of all Lower Manhattan construction projects. The Center will take steps to minimize the impact of ongoing construction on residents, businesses, and workers in Lower Manhattan. The LMCCC will bring together private developers, public agencies, utilities, businesses, and residents in one location. In addition to its oversight and coordination responsibilities, the LMCCC and Its Director provide a forum for expeditious and consistent decision-making on disputes among agencies. The Executive Director will report directly to the Governor and the Mayor.

The Executive Order stipulates that the LMCCC will:

Coordinate between all construction located in Lower Manhattan. Lower Manhattan is defined as the area on the island of Manhattan south of Canal Street and southwest of Rutgers Street from the Hudson River to the East River. Construction includes:

- * All construction beginning from 2004 to 2010 valued at over \$25 million,
- * Work requiring governmental action or permit, and
- * Any construction requiring work directly in City or State streets or highways.

Copy of the City and State Executive Orders Establishing the Lower Manhattan Construction Command Center can be located at the following sites:

http://www.lowermanhattan.info/extras/presentations/City_EO.pdf

http://www.lowermanhattan.info/extras/presentations/Construction_Command_Center.pdf



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2. Project Schedule Data and Format for information to be supplied by Owners/Stakeholders

2.1 The essential items being requested for the Master Schedule which were discussed as follows:

- a. Milestones
- b. Key Interfaces
- c. Equipment Movements
- d. Logistics loading / Plans i.e. Concrete, steel and labor quantities

2.2 It is intended that the Projects provide their actual updated working schedules as opposed to developing a separate schedule to be provided to the LMCCC. In this way there will be only a minimal additional word load imposed upon the project schedulers.

Moreover the purpose of the Master Schedule is to provide a useful tool to help projects to coordinate their work more effectively and to help prevent or to manage scheduling conflicts with other projects in the Lower Manhattan area.

2.3 Project Schedulers are requested to provide their current 'Best Known' schedules for inclusion in the Master Schedule in their native schedule format e.g. P3e, P3, SureTrak or Microsoft Project. The layout format for the schedule submission is outlined in the sample attached. The format requested is designed to aid in the coordination of all schedules to assess major project milestones and crossproject interfaces in a clear graphical way. A summary of key milestones and interface activities at the top of each schedule which will enable cross-project activity linking and identification of schedule conflicts with regard to physical location and/or material/manpower loadings.

2.4 Fully detailed project schedules have been requested, so that constructability, project logistics and impacts can be analyzed and assessed fully. This detail is not going to be shown in the Master



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Schedule layout however the detail is requested to properly assess and understand the project requirements and logistics.

2.5 Projects are requested to provide layout and logistics drawings which can be assessed to see where projects impact and interface in their physical locations with regard to trucking, crains and hoists, street usage etc. If the project is going to be phased and the logistical plan is going to be phased over time, then plans for each phase, with associated schedule is to be provided. Items to be shown include:

Staging and Layout

1. Impacts on roadways and sidewalks.
2. Installation of sidewalk sheds.
3. Site Gates and Access controls
4. Offsite construction including utility connections and POEs
5. Schedule and Location of hoists and cranes and any associated road closures.
6. Special construction evolutions – piles, blasting, etc.

Materials, Deliveries, Labor

1. Trucking quantities by type, route, schedule, time of day
2. Delivery of oversize loads
3. Steel quantities by type and schedule
4. Concrete quantities by type and schedule
5. Labor force size as a function of project schedule.

Note: Queuing of vehicles on City or State Roadways will not be permitted, and should not be part of project logistical planning.



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3. Environmental Performance Commitments

<u>Air Quality</u>
Use ultra-low sulfur diesel fuel in off-road construction equipment with engine horsepower (HP) rating of 60 HP and above
Where practicable, use diesel engine retrofit technology in off-road equipment to further reduce emissions. Such technology may include Diesel Oxidation Catalyst/Diesel Particulate Filters, engine upgrades, engine replacements, or combinations of these strategies.
Limit unnecessary idling times to 3 minutes.
Locate diesel powered engines away from fresh air intakes.
Control dust related to construction site through a Soil Erosion and Sediment Control Plan that includes, among other things, the following measures: <ol style="list-style-type: none">The spraying of a suppressing agent on dust pile (non-hazardous, biodegradable);containment of fugitive dust; andadjustment for meteorological conditions as appropriate.
<u>Noise and Vibration</u>
Where practicable, schedule individual project construction activities to avoid or minimize adverse impacts.
Coordinate construction activities with projects under construction in adjacent and nearby locations to avoid or minimize impacts.
Consider condition of surrounding buildings, structure, infrastructures, and utilities, where appropriate.
Prepare contingency measures in the event established limits are exceeded.
<u>Cultural and Historic Resources</u>
Establish coordination between projects to avoid or minimize interruption in access to cultural and historic sites.
Initiate public information and involvement outreach with sensitivity to local cultural resources.
Identify existing information sources that would be providing current information about access during construction.
Consult with the New York State Office of Historic Preservation and the New York City Landmarks Preservation Commission regarding potentially impacted, culturally significant sites. Monitor noise and vibration during construction at such sites as appropriate.
<u>Access and Circulation</u>
Establish a project-specific pedestrian and vehicular maintenance and protection plan.
Promote public awareness through mechanisms such as: <ol style="list-style-type: none">signage;telephone hotline; andweb site updates
Ensure sufficient alternate street, building, and station access during the construction period.
Maintain regular communication with New York City Department of Transportation and participation in its construction coordination efforts.
<u>Economic Effects</u>
Coordinate with LMDC and Downtown Alliance and other entities to minimize residential and retail impacts as required through: <ol style="list-style-type: none">relocation assistance, as applicable, to persons or businesses physically displaced by the project; andfocus on essential businesses and amenities to remain in Lower Manhattan
Add appropriate signage and way finding for affected businesses and amenities



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<u>Environmental Design (Operational)</u>
Use Energy Efficiency/Renewable Energy appliances and equipment
Employ Enhanced Indoor Environmental Quality (IEQ) guidelines, where possible
Conserve, reuse, and recycle Materials and Resources
Use Green Design/Design for Environment principles for Operations and Maintenance items.
Employ Water Conservation and Site Management techniques
Implement sound Waste Management and Recycling policies (during construction).

Additional Information can be obtained from Tom Kunkel at the LMCCC (212-266-7806)



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4. Coordination And Permit Requirements of Agencies

There are numerous construction related permitting agencies in Lower Manhattan. This section details some issues that may be helpful to construction permit applicants.

A comprehensive guide to construction related permits required by the City of New York is contained in the New York City Construction Permit Handbook which can be obtained at **Citybooks** (212) 669-8246; 1 Centre Street, NY New York (Municipal Building).

Relevant additional information for Lower Manhattan is also provided as follows:

4.1 NYC DEPARTMENT OF TRANSPORTATION (NYC DOT)

Projects requiring partial or total Roadway or Sidewalk closures
Contacts – Frank Hrubes, Director of Construction, Lower Manhattan Borough Commissioners Office 212-788-8989

Full Roadway Closures - NYC DOT permit requests for activities that will require full road closures must be filed at least 2 weeks prior to anticipated start date.

DOT Special Boring Stipulation - All permits requesting Test Borings, Pile Driving and Driving of Sheeting, will have Special Stipulations Field that indicates contractor: Must contact and coordinate all Test Boring and Pile, Auguring and or Sheeting Driving activities with Con Edison (Jim Coffin 1(917)-682-9932) and Empire City Subway (1(877)-327-7753) prior to start of work.

Parking of Private Vehicles on Construction Sites – Contractors and project personnel are reminded that NYC DOT does not permit the parking of private vehicles on roads or sidewalks in areas within permitted construction sites. Permit holders are subject to fines and/or suspension of work permits if personal vehicles are present.



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4.2 NYS DEPARTMENT OF TRANSPORTATION (NYS DOT)

There are roads in Lower Manhattan that are under the jurisdiction of the NYS Department of Transportation. These roads include West St. a.k.a. Route 9A, and the FDR Drive.

These roads are also under the jurisdiction of the New York City Department of Transportation, and there must also be obtained a permit from City DOT to work on these streets. Prior to Applying for NYS DOT permit Contractor shall contact NY City DOT and determine proposed work stipulations

The Applicant shall contact the NYS DOT and determine if the application is to be filed in letter format or using standard State Permit forms.

If Standard Permit forms (PERM) are to be used they can be downloaded from the State DOT in PDF format at <http://www.dot.state.ny.us/traffic/tehsdmain.html>.

If a letter format is to be used the Applicant shall discuss the following items

- (1) Description and purpose of proposed construction
- (2) Proposed construction schedule
- (3) Owner representative point of contact – name, address, phone number
- (4) Contractor point of contact – name, address, phone number.
- (5) Contractor Certificate of Insurance
- (6) Proposed work plan, showing roadway, sidewalk, and/or median excavation cross-section and repair plan.
- (7) Plan for Maintenance and Protection of Traffic
- (8) NYC DOT Construction Work Permit with Stipulations

Note: Insurance Certificate, Work Plan, and NYC Construction Permit can follow initial letter. Letter must however clearly detail proposed work area.



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Contact the NYS DOT at 212-964-4500 to identify the name and location for submittal of the application.

Meetings should be set up with NYS DOT to review the application, identify any missing items, and obtain any standard plans and specifications for roadway restoration.

4.3 METROPOLITAN TRANSPORTATION AGENCY

Projects with 200 Feet of a Subway - All projects that are planned within 200' of a subway facility must be reviewed and approved by NYC Transit Outside Projects. NYTA personnel review all building plans, fuel oil tank installations, crane loading and placements, sidewalk shed structures if over or adjacent to subway.

Other items to be approved by NYCT include: building demolitions, sewer and duct lines, tree plantings, street or sidewalk improvements, street furniture, light poles, new curb cuts (in vicinity of subway ventilators), attachment of equipment to elevated structures, placement of building materials or equipment (if in vicinity of subway ventilators or over subway structure), dredging or pier construction in vicinity of subway tunnels or structures, store or building front changes in vicinity of subway vaults or underground passageways in the vicinity of the subway.

In addition, the contractor hired to perform the work must carry Railroad Protective Liability Insurance, as specified by NYC Transit and sign a letter of agreement establishing a force account to pay for NYC Transit inspections. For further information, or to submit drawings for review, please contact Rajen Udeshi, Principal Engineer, Outside Projects, NYC Transit at (646) 252-3673

Projects Impacting Bus Routes or Bus Signage

Contact Karl Stricker New York City Transit Special Operation, General Superintendent (646) 252-5526. The NYC TA will relocate the route and/or the bus stop and coordinate with NYC DOT for relocation of signs.



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4.4 NYC FIRE DEPARTMENT

Projects impacting or requiring movement of NYC Fire Department Call Boxes. Contact Nick Varone (718)-624-4194

4.5 ALLIANCE FOR DOWNTOWN NEW YORK

The Alliance for Downtown New York (ADNY or Downtown Alliance) is a Business Development District that has developed and implemented a comprehensive streetscape program in Lower Manhattan. This streetscape includes distinctive sidewalks, curbs, street lights, signals, and signage. Any project that is going to impact any of these elements within the Alliance District must contact Frank Addeo at 212-835-2758. The exact boundaries of the ADNY district are detailed on the ADNY Website map at the following link:

<http://www.downtownny.com/?sid=26>



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5. CONSTRUCTION PROJECT RESPONSIBILITIES FOR PUBLIC NOTIFICATION AND OUTREACH

The following Public Notification Policy is established in order to provide consistent and accurate notification of changes in construction activity that would affect stakeholders in the downtown community. This policy is in addition to NYC DOT and DOB stipulations and does not supersede the requirements of any governmental agency.

What requires notification?

- All changes in vehicular or pedestrian traffic patterns require notification. While a contractor may be working within the limits of the permits, that in itself does not provide adequate specific notification.
- Any noisy construction activity reasonably expected to disturb the surrounding community requires notification.
- Emergency work.

Who is to be notified?

- Building managers and business owners within 100' of the construction zone are to be notified.
- The Lower Manhattan Construction Command Center, the Alliance for Downtown New York, Community Board #1.
- Notifications are to be logged into the Project Log Book.

When is notification to take place?

- Notification is to take place within 7 working days after a new permit is issued and within 2 working days for changes in work within existing permits.
- Street Closures require notification 7 days prior to the closure.



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6. Routine Notification of Events Affecting Construction

6.1 Heat Advisories

Periods of extended hot weather may require special care to ensure the integrity of the utility system in Lower Manhattan. The US National Weather Service issue heat advisories; City Agencies review the heat advisory and, if approved, issue an Excavation Safety Alert (ESA) to DOT/DDC and others. Excavation Safety Alerts are available at NYC Office of Emergency Management's website www.nyc.gov/oem. A sample is available at: <http://www.nyc.gov/html/dot/pdf/exsafetyalert.pdf>

The Excavation Safety Alert's suggested protective actions are voluntary; Contractor is responsible in all cases for damage. If Con Edison directs special care or other action at a particular location, Con Edison is responsible for compensating the Contractor.

6.2 Special Events

Special Event Permits are issued either by New York Police Department or the Mayor's Street Activity Permit Office (CAU). The Department of Transportation, Office of Special Events, does not issue permits for Special Events. The NYC DOT Office of Special Events advises both these Agencies on the overall traffic impact on the surrounding areas and provides Street Maintenance Support.

The NYC DOT Office of Special Events does issue notification of Special Events. The LMCCC reviews these notifications and include those that impact Lower Manhattan in the minutes of the weekly Lower Manhattan Construction Project Status Meeting.

6.3 Inclement Weather Protocol

Attached is an Inclement Weather Protocol provided as guidance for construction projects in Lower Manhattan.



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INCLEMENT WEATHER PROTOCOL

Severe weather conditions consisting of high winds, heavy rains, lightning, ice, snow and extreme cold/hot temperatures can create safety concerns, injuries and adverse health effects on construction projects. Weather conditions should be monitored as part of routine construction operations. All personnel involved in construction projects shall be prepared for severe weather conditions and take precautions. Each project site must be evaluated to determine the need for safety related equipment such as generators, pumps, sandbags, etc., prior to impending severe weather conditions. After adverse weather conditions have ceased, the project site must be inspected and findings documented before work resumes.

1. Wind or Gusts Equal or Exceed 25 mph, Heavy Rains and Lightning Storms

The competent person, designated and employed by a contractor who has a daily presence on the project site shall have the following responsibilities. In addition, Resident Engineers (REs) or Engineers in Charge (EICs) shall contact the Construction Managers (CMs), General Contractors (GCs), or Consultants who are assigned to the project to verify that the following items are being addressed:

A. Cranes, Derricks, Aerial Lifts, and Hoisting Operations on the Streets

- i. All crane, derrick and aerial lift operations and any other lifting and hoisting operations must be suspended.
- ii. Crane booms and jibs should be secured or brought down to ground level to prevent injuries or potential collapses onto personal property and vehicles.
- iii. All unsecured debris, materials, or equipment around cranes, derricks, lifts and hoisting areas must be removed from the site.
- iv. After the severe weather condition passes, cranes, derricks, aerial lifts, hoisting machines and related equipment shall be safety inspected and documented by the contractor prior to resuming operation.

B. Maintenance and Protection of Traffic (MPT)

- i All exposed hoses, ropes, materials, or other public tripping hazards must be removed from the project site prior to adverse weather conditions.



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- ii. All temporary construction signs must be secured from movement. In the event the storm is a direct hit, all temporary signs and sign structures must be removed.
- iii. All temporary bicycle fencing and wood guardrail fencing must be secured from movement where feasible.
- iv. All temporary horse barricades must be immediately removed from the project site and banded together.
- v. All temporary drum barrels must be double protected on the bottom with sand bags on either side. No traffic cones shall be left on the streets.
- vi. All road plates must be pinned, ramped and skid resistant.
- vii. Construction workers must wear OSHA and NYSDOT approved reflective clothing or equipment to provide high visibility to pedestrians and vehicle traffic.
- viii. Flag persons (or spotters) must always be present on the project site when construction activities and heavy equipment interfere with pedestrians and vehicle traffic.
- ix. Ensure that a clear access is provided to fire hydrants and for emergency vehicles.
- x. Evaluate the potential for damage from/to adjacent structures such as trees, buildings, dumpsters, etc.

C. Excavations and Material Storage Areas

- i. Exterior operations must be reviewed and evaluated by the contractor to determine if it is prudent to suspend street excavation and trench work.
- ii. All open excavations must be properly protected with proper fencing, timber sheeting, or steel plates that are properly secured to prevent accidents.
- iii. Any materials, including plywood, timber, planks, sheet metal, tarps, etc. that are stored on excavation edge must be removed and stored in designated storage areas.



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- iv. Shoring and sheeting must be inspected to prevent washout and undermining the excavated areas.
- v. Where possible construct temporary berms to prevent excessive storm runoff from entering the trench.
- vi. Excavated soil must be swept, contained, or covered to prevent mud runoffs onto public properties.
- vii. Prior to resuming work, all excavations and trenches shall be inspected and documented for potential soil movement or structural collapse following a heavy rainfall.
- viii. Adequate housekeeping must be performed to minimize loose materials and debris on construction sites and storage areas. All unsecured materials such as wood, ladders, tools, hoses, etc., must be immediately removed from the project site. Large pipes stored on or off site storage areas must be banded or braced. Debris must be secured or contained and routinely removed off site for disposal.
- ix. Bricks or blocks must not be used to secure materials, tarps, or netting. In high winds they can become dislodged and airborne.
- x. The project site shall be inspected and evaluated for damages and documented by the contractor prior to resuming work.

D. Sewers and Drainage

- i. All loose materials, timber, etc. is to be removed from any construction areas through which storm drainage will flow to prevent it from being carried with the flow and possibly causing a blockage downstream.
- ii. Clear street drains of debris to allow adequate drainage.
- iii. Ensure that any temporary bulkheads or other obstruction in existing sewers are removed. Steps shall be taken to remove any bypass pumping and restore the sewer.
- iv. Catch basin gratings shall be cleared and the project site(s) shall be checked to ensure that there is an unobstructed path for storm water to catch basins.
- v. Sheeting shall be checked to prevent washout and undermining of surrounding areas.



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2. Ice/Snowstorms

Snowstorm and icy conditions can adversely impact road conditions and safety at construction project sites. Poor road conditions can make it difficult to operate equipment safely and can lead to loss of control of the vehicles, collisions with other vehicles, runaway vehicles, and vehicles going off the roadway and overturning. The competent person, designated and employed by a contractor who has a daily presence on the project site shall have the following responsibilities. In addition, construction REs or EICs shall contact the CMs, GCs, or Consultants who are assigned to the project to verify that the following items are being addressed:

A. General Work Operations

- i. Exterior operations must be reviewed and evaluated by the contractor to determine if it is prudent to suspend outside work during severe ice and snowstorms.
- ii. Prior to impending ice/snowstorms, lay sufficient amount of salt and/or milling on roadways within and adjacent to the work zone.
- iii. Ice and snow must be removed from and around the work zone areas prior to allowing workers to begin operations. Ice and snow must be removed from all workers' walkways or access areas and temporary public walkways or footbridges adjacent to the work zone.
- iv. Check storm related safety equipment on vehicles (e.g., windshield wipers, window defroster, etc.). Maintain equipment in proper working order specifically, safety devices such as mirrors and back-up alarms. Equipment found to be defective must be removed from service immediately.
- v. Contractor shall periodically assess work zone conditions if construction operations are to be continued during ice/snowstorms. Roadway within and adjacent to the work zone shall be inspected and maintained regularly.
- vi. Do not use equipment with combustion engines (e.g., trucks, gas-powered generators, salamanders, etc.) for power, heat, or warmth in shanties, trailers, or other enclosed or below-ground-surface-level areas on the project site. Open fires are prohibited on construction sites.
- vii. Prior to resuming work after ice/snowstorms, the project site shall be inspected and documented by the contractor to ensure safe conditions.



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3. Exposure to Extreme Cold and Hot Temperatures

Common harmful health effects related to exposure to extreme cold and hot temperatures include frostbite, trench foot, hypothermia, heat stress, and heat stroke. The competent person, designated and employed by the contractor who has a daily presence on the project site shall ensure that workers are trained to recognize symptoms of exposure to extreme cold and heat.

A. Precautionary measures to prevent cold-related illness and injuries.

- i. Signs of hypothermia, the cooling of body temperature due to excessive loss of body heat, are excessive shivering, blue lips and fingers, slurred speech and poor coordination. Individuals experiencing hypothermia shall be immediately removed from the work activity and seek medical attention.
- ii. Workers should be dressed warmly in layers of light, loose fitting clothing to prevent hypothermia. Avoid wearing greasy and damp clothing since these cloths will lose their insulating properties.
- iii. Pay attention to protecting feet, hands, head and face to prevent frostbite. Frostbite can occur when deep layers of skin and tissue freeze and the skin becomes hard and numb. Keep the head covered (up to 40% of the body heat can be lost from the exposed head) and wear footgear that protect against cold and dampness.
- iv. Keep energy levels up by eating regular meals and prevent dehydration. Allow a period of adjustment to the cold before embarking on a full work schedule.
- v. Minimize activities that reduce circulation, such as sitting and standing for a prolonged periods of time.

B. Precautionary measures to prevent heat-related illness and injuries.

- i. Signs of heat stress or heat stroke are cessation of sweating, high fever, tachycardia, dizziness, poor coordination and can result in serious cases of collapse and coma. Individuals experiencing these symptoms shall be immediately removed from the work activity and seek medical attention.
- ii. Workers on a construction site shall be appropriately dressed accordingly to the prevailing weather conditions.



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- iii. Drink plenty of fluids to prevent dehydration. Alcohol is prohibited on construction project sites. Alcohol and caffeine beverages dehydrate the body.
- iv. Allow a period of adjustment to the heat before embarking on a full work schedule and alternate between periods of heavy work activities and rest.



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7. Construction Coordination Meetings

The LMCCC conducts several routine meetings in order to coordinate the numerous and complex ongoing construction activities there are being held.

These meetings include

1) Monthly Construction Coordination Meeting is held the first Wednesday of the month at 8:30 AM at the Lower Manhattan Construction Command Center at 1 Liberty Plaza. People wishing to attend should contact David Washington at 212-266-7809 to be put on the access list. This meeting is held to discuss and status:

- a) Overall Status and Schedule of important projects in Lower Manhattan
- b) Construction issues having area-wide impact on the Lower Manhattan community.
- c) Status projects that have not entered construction, to ensure that the necessary logistical, utility, and permit issues have been addressed.
- d) Community Quality of Life and Environmental Issues
- e) Inform the Construction Community of important initiatives such as Anti-Corruption, M/WBE, and/or Training

2) Lower Manhattan Construction Project Status Meeting – This meeting is held every Tuesday morning at 9AM at the LMCCC in One Liberty Plaza. People wishing to attend should contact David Washington at 212-266-7809 to be put on the access list. This meeting reviews the status of projects in active or near-term construction. Representatives of the NYC DOT, Con Edison, ECS, and Time Warner attend this meeting. In addition to providing a project status, project issues involving these agencies may be raised at the meeting.

Representation at the meeting is a requirement for:

- a) Near Term Projects - Approximately one month prior to the start of construction the project personnel should attend the meeting



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and make a brief (ten-minute) presentation, indicating the scope and logistics of the project.

- b) Projects having open excavations on City Streets
- c) Projects transitioning between logistical phases that will change the configuration and/or use of sidewalks and/or roadways.
- d) Significant Logistical Events – Events that will impact the surrounding streets and or community shall provide notice of schedule and impacts. Events include:
 - 1. Delivery of oversize items requiring special routing, escorts, special handling and/or lifting.
 - 2. Construction events that will require full closure of streets and sidewalks, or events having safety significance.
 - 3. Utility impacts such as water and/or other services
 - 4. Noise due to pile driving, blasting, rock cutting
 - 5. Concrete Deliveries requiring unusually large number of trucks

3) Lower Manhattan Community Meeting

This meeting is to provide downtown stakeholders with important information about construction projects that will affect them and/or their constituents. Most agencies that are working in lower Manhattan (or providing permits to allow work), participate in these meetings to report on their projects. These meetings provide an opportunity for representatives from the offices of local elected officials, Community Board 1, the Downtown Alliance and others, to get information and a forum to express any concerns they may have. Persons interested in obtaining information about the next meeting should contact Robin Forst at 212-266-7811.



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8. Construction Contacts for Lower Manhattan

Organization	Name	Phone Number	E-Mail
Alliance for Downtown NY	Kate Kerrigan	212-835-2755	Kkerrigan@downtownny.com
Battery Park City Authority	Kevin Finnegan	212-417-4330	finnegk@bpcauthor.org
Brookfield Properties / BPC	Michael Bosso	212-417-7185	mbosso@brookfieldus.com
Community Board 1	Judy Duffy	212-442-5050	
Consolidated Edison	Michael Mobyed	212-460-8925	mobyedm@coned.com
Empire City Subway	Richard Gestwick	212-613-4713	Richard.gestwick@Verizon.com
Fire Department (Liberty/Greenwich)	Eng. Co. 10	212-570-4210	
Lower Manhattan Construction Command Center	Robin Forst	212-266-7811	Rforst@renewnyc.com
Lowermanhattan.info	Anne Marie Basic	Annemarie.basic@lowermanhattan.info	
MTA Fulton St. Transit Center	Joe Brownstein	212-631-3724	brownstein@pbworld.com
MTA South Ferry	Abdul Jabbar	212-785-0141	Abdul35976@yahoo.com
New York City Transit	Steve Petrillo	646-252-4421	spetrillo@nyct.com
NYC Dept of Transportation	Luis Sanchez	212-442-8153	lsanchez@dot.nyc.gov
NYC Dept. of Buildings	Ben Colombo	212-566-0018	benjaminc@buildings.nyc.gov
NYC Dept. of Environmental Protection (water)	Andrew Kuchinsky	718-595-6224	akuchynsky@dep.nyc.gov
NYC Dept. of Environmental Protection (sewer)	Irena Veytsman	718-595-5191	iveytsman@dep.nyc.gov
NYC Dept. of Design and Construction	Barry Vanterpool	212-788-0233	vanterpob@ddc.nyc.gov
NYC Transit Bus	Karl Stricker	646-252-5226	kastric@nyct.com
NYS Dept. of Transportation	Jose Rivera	212-964-4500	Jrivera@dot.state.ny.us
Police Department Ericsson Place/Varick	1 st Precinct	212-334-0611	
Port Authority (WTC Site)	Nancy Johnson	212-426-5501	njohnson@panynj.gov
Time Warner Cable	Ed Vomero	718-888-4232	edwardvomerotwc@aol.com
US Post Office	Jamie Cohen	212-330-3125	Jamie.d.cohen@usps.com
Verizon	John Boritza	212-643-4450	John.j.boritza@Verizon.com