

# Second Avenue Subway Update to Community Board 10

**Tim Gianfrancesco, P.E.**

Senior Vice President & Project Executive

Second Avenue Subway Project

**Richard Mulieri**

Senior Director, Public Affairs

MTA Capital Construction

June 13, 2017

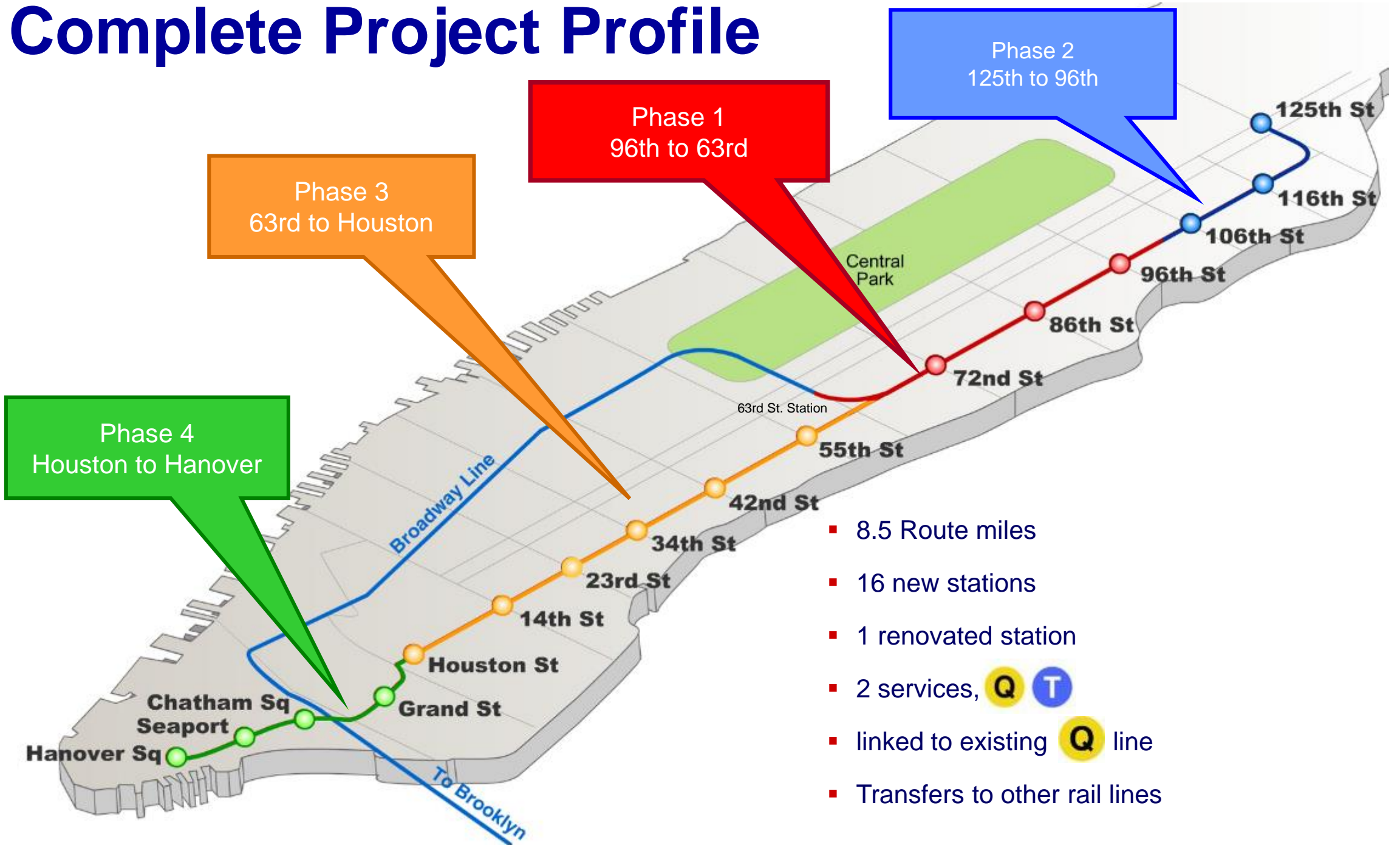


# Team Introductions

- Tim Gianfrancesco, Senior Vice President and Project Executive
- Manan Garg, Construction Manager
- Richard Mulieri, Senior Director, Public Affairs
- Joe O'Donnell, Director, Public Affairs
- Charles Hymes Jr., Project Manager, P2P JV
- Alex Zamudio, Director, Community Outreach
- Guillermo Caesar, Community Information Center Manager
- Hector Santana, Community Liaison



# Complete Project Profile



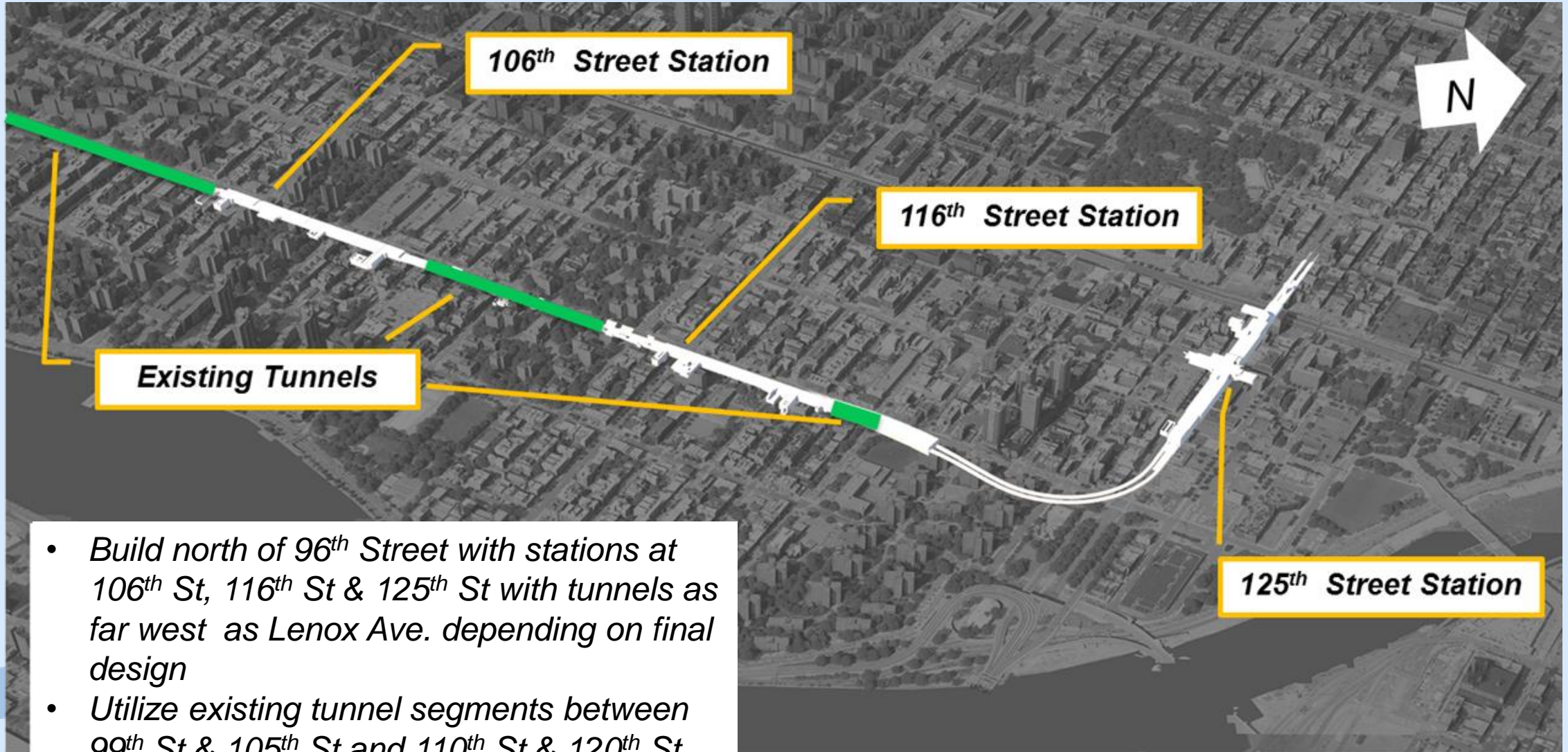
- 8.5 Route miles
- 16 new stations
- 1 renovated station
- 2 services, **Q** **T**
- linked to existing **Q** line
- Transfers to other rail lines

# Phase 2 Benefits

- Improved transit access for neighborhood residents
- One seat ride from Harlem 125<sup>th</sup> St. to West Midtown, Times Sq., Herald Sq., Financial District and onto Coney Island, Brooklyn
- Reduction of crowding on Lexington Ave. line by ultimately drawing 100,000 riders
- Improved air quality by reduction of car travel
- Technologically modern, accessible stations



# Phase 2 Preliminary Alignment



- *Build north of 96<sup>th</sup> Street with stations at 106<sup>th</sup> St, 116<sup>th</sup> St & 125<sup>th</sup> St with tunnels as far west as Lenox Ave. depending on final design*
- *Utilize existing tunnel segments between 99<sup>th</sup> St & 105<sup>th</sup> St and 110<sup>th</sup> St & 120<sup>th</sup> St. (includes 116<sup>th</sup> St station)*

# Current Project Status

- MTA is updating design from 2004 plans
- 3 Active Contracts
  - Design: Phase 2 Partnership
    - JV between WSP USA and STV Inc.
  - Environmental Review
    - AKRF Consulting
  - Community Outreach: East Harlem Community Collaborators
    - JV between Spectrum Personal Communications and Sam Schwartz Engineering



# Field Activities



# Geotechnical Borings

- Geotechnical Boring Investigation Program
  - Identify type of rock and soil, collection and testing of samples, installation of Ground Water Monitoring Wells
  - Information will drive Phase 2 design and construction methods





# Geotechnical Borings

- 4 to 6 drilling rigs at various locations along the alignment at any given time
- 1 to 2 pick-up trucks with each rig
- 3 to 5 persons with each rig (driller, helper, inspector, testing personnel)
- Approximately 5-10 days per bore hole, depending on field conditions, availability of site, utility clearance etc.
- Work hours: 7 a.m. – 3:00 p.m.



# Utility Test Pits

- Utility Test Pit Investigation Program
  - Identify and record utilities
  - Information will be used for design/location of stations, entrances, and ancillaries



# Utility Test Pits

- Saw cutting of pavement
- Removal of asphalt/ concrete using jack hammers
- Hand digging or vacuum truck excavation
- Typical test pit size - 5 ft. x 10 ft. x 15 ft. deep.
- Work hours: 7 a.m. – 3:00 p.m.



# Building Investigations

- Building Investigation Program
  - Early Assessment of Buildings, evaluation of possible impacts of construction
- Field Survey (Stationing, topographic, etc.)
- Traffic Survey
  - Traffic counts, cameras
  - Information to plan Maintenance and Protection of Traffic and Phasing of Construction



# Field Survey

- Establish control points and stationing
- Provide mapping for design work.
- Currently in progress



# Keeping You Informed



# Phase 2 Community Outreach

- Community Information Center
- Formation of Community Advisory Committees for each station area and for retailers
- Community outreach liaisons



March 28<sup>th</sup>, 2015 the CIC Train Simulator was unveiled



# Phase 2 Community Outreach

- Public Workshops
- Newsletters and email blasts
- Community Board updates



## Second Avenue Subway Notice


January 2013

### 96th Street Station Area

#### Expanded Work Zones – Contrato 2B

**What Is Going on Here? 99th Street to 106th Street**

- Most of the work is taking place underground and involves modernizing the existing tunnel built under Second Avenue in the 1970s.
- Work includes installation of a new drainage system, installation of a fire protection wall separating the two tracks, painting of the existing steel columns and beams, installation of a new lighting system, replacement of the walkway between the tracks, installation of a dry fire standpipes system, installation of communication ducts, and abatement of asbestos and lead paint.
- The contractor is scheduled to complete the work in the tunnel by September 2013. The systems contractor will then begin their finishing work, which includes installing the tracks under Second Avenue between 105th Street and the 63rd Street Station.
- Above ground work includes restoration of the roadway and sidewalk between 99th and 100th streets, installation of a pressure relief sewer manhole between 105th and 106th streets, and support for the underground work.
- Work on the pressure relief manhole will conclude in early 2013, while the roadway restoration work component is scheduled to take place in late 2015.
- Workers currently enter the underground work area near the southwest corner of Second Avenue and 102nd Street.
- Once the excavation under Second Avenue just south of the existing tunnel is finished, the contractor will create another entry point to the existing tunnel by breaking through a bulkhead located at 99th Street that currently separates these two work areas.



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**Current Work Zones:**

- West side of Second Avenue, between 101st and 102nd streets
- West side of Second Avenue, between 101st and 103rd streets
- South side of 102nd Street between Second and Third avenues
- East side of Second Avenue between 105th and 106th streets: This work zone will be removed after installation of the pressure relief manhole in late February 2013.

**Projected Work Zones:**

- 105th Street between First and Second avenues, south and north sides of street, one work zone at a time in order to maintain traffic lanes

**See Work Zone Map on Reverse**

For more information on the Second Avenue Subway – 96th Street Station Area, please contact Community Liaison Jessica Nepomiachi:  
[jessica.nepomiachi@2avesubway.com](mailto:jessica.nepomiachi@2avesubway.com)  
 Cell: (917) 843-2889  
 After-hours: (212) 792-9716

## Línea de Second Avenue


Enero 2013

### Área de la estación de 96th Street

#### Áreas de trabajo ampliadas – Contrato 2B

**¿Qué ocurre aquí? 99th Street - 106th Street**

- La mayor parte del trabajo se realiza bajo tierra e incluye la modernización del túnel actual construido debajo de Second Avenue en la década de 1970.
- El trabajo incluye instalar un nuevo sistema de drenaje, instalar un muro de protección contra incendios que separe las dos vías, pintar las actuales columnas y vigas de acero, instalar un nuevo sistema de iluminación, reemplazar el paso entre las vías, instalar un sistema de torre de suministro de agua, instalar conductos de comunicación y remover los materiales de asbesto y pinturas con plomo.
- Se prevé que el trabajo del contratista en el túnel finalizará en septiembre de 2013 y, en ese momento, un contratista de "sistemas" comenzará "los trabajos de acabado", que incluyen la instalación de vías debajo de Second Avenue entre 105th St. y la ampliación de la estación de 63rd Street.
- Los trabajos en la superficie incluyen la restauración de la calzada y las aceras entre 99th St. y 100th St., la instalación de una boca de acceso en la alcantarilla de alivio de presión ubicada entre 105th St. y 106th St. y apoyo para el trabajo bajo tierra.
- El trabajo en la boca de acceso de alivio de presión finalizará a principios de 2013, mientras que el trabajo de reparación de la calzada se prevé que se realizará a fines de 2015.
- Actualmente, los trabajadores ingresan al área de trabajo bajo tierra cerca a la esquina suroeste de Second Avenue y 102nd Street.
- Una vez finalizada la excavación debajo de Second Avenue al sur del túnel actual, el contratista construirá otro punto de entrada al túnel actual mediante la apertura de un muro ubicado en 99th St. que actualmente separa estas dos áreas de trabajo.



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**Como recordatorio, las actuales áreas de trabajo incluyen:**

- Lado oeste de Second Ave. entre 101st St. y 102nd St.
- Lado oeste de Second Ave. entre 101st St. y 103rd St.
- Lado sur de 102nd St. entre Second Ave. y Third Ave.
- Lado este de Second Ave. entre 105th St. y 106th St. (Esta área de trabajo se suprimirá al finalizar el trabajo en la boca de acceso de alivio de presión, a fines de febrero de 2013).

**Áreas de trabajo previstas:**

- 105th Street entre First Ave. y Second Ave. (Norte y sur de la calle, un área de trabajo por vez a fin de conservar un carril de tráfico del lado contrario)

**El mapa con las áreas de trabajo se encuentra al respaldo.**

Para obtener más información sobre la Línea de Second Avenue – Área de la estación de 96th Street, comuníquese con Community Liaison, Jessica Nepomiachi:  
[jessica.nepomiachi@2avesubway.com](mailto:jessica.nepomiachi@2avesubway.com)  
 Teléfono móvil: (917) 843-2889  
 Teléfono fuera del horario de atención: (212) 792-9716



# Good Neighbor Initiative

- Provide well organized and clean work zones
- Construction corridor inspections
- Wayfinding signage
- Fence wrap with retailers names, contact information



# How to reach us

## [Outreach@MTACC.info](mailto:Outreach@MTACC.info)

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Or visit our Second Avenue Subway  
Community Information Center  
**69 E. 125<sup>th</sup> Street, New York, NY 10035**  
**212-722-3700**



# Thank You/Questions

