



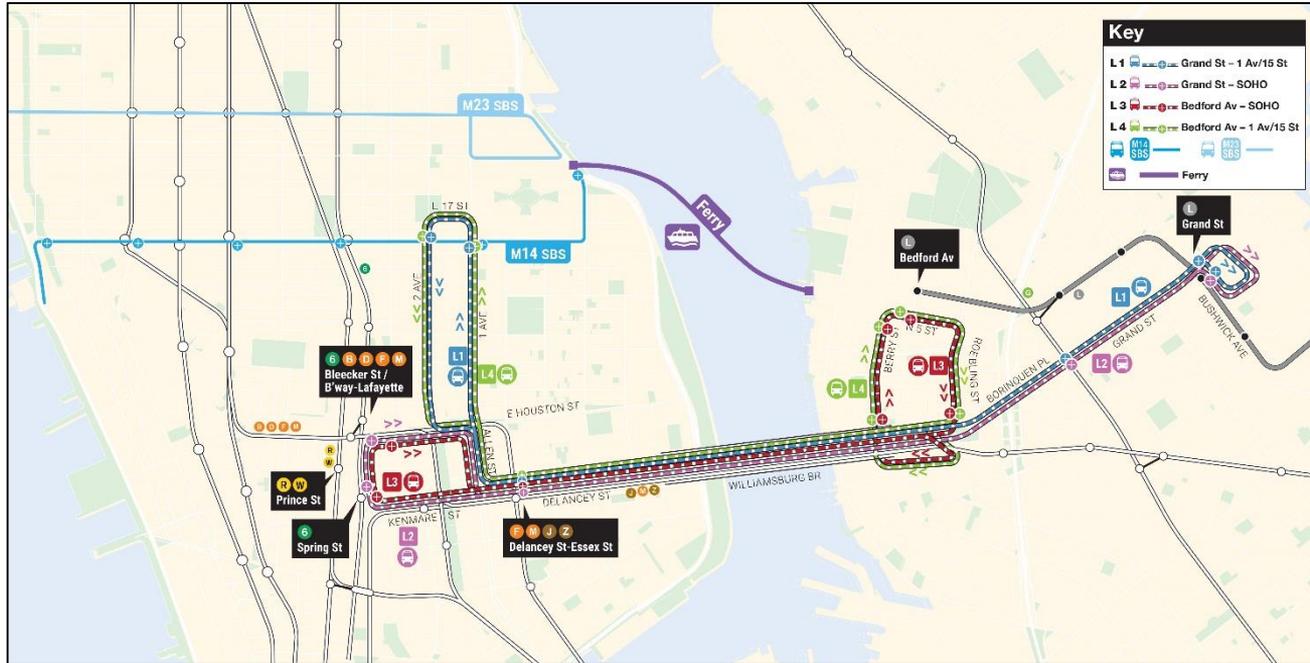
Fixing the **L** Line's Canarsie Tunnel

Manhattan CB6

11/5/2018



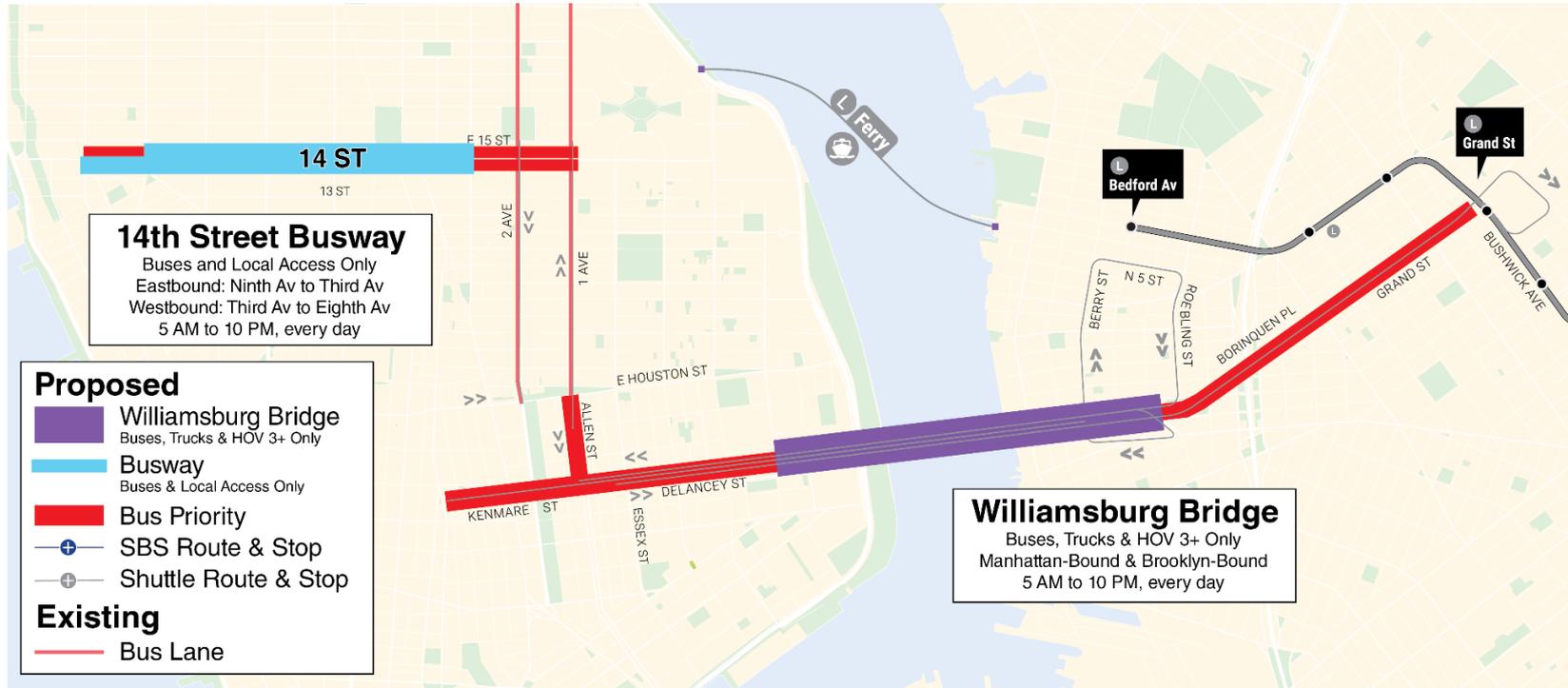
Interborough Bus Service



80+ buses in the peak hour in the peak direction over the Williamsburg Bridge
Projected to carry 17% of L riders



Bus Priority Plan





Williamsburg Bridge HOV3+

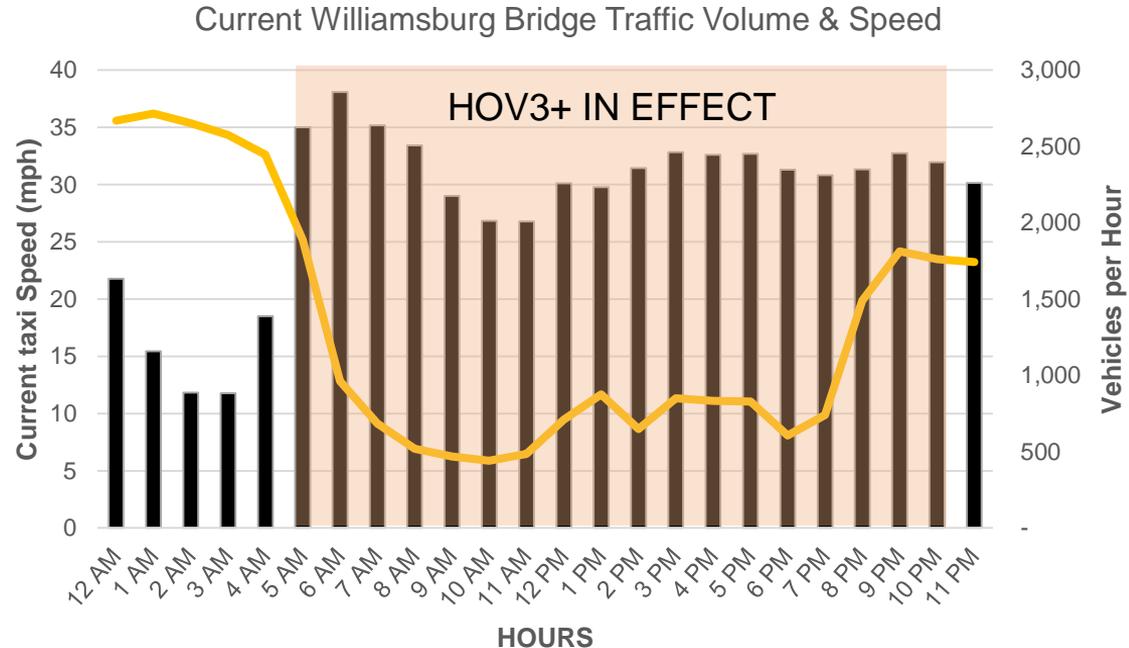
HOV 3+ Policy:

5 AM to 10 PM, every day

- Buses, Trucks & HOV 3+ Only
- Manhattan- and Brooklyn-Bound
- All Lanes

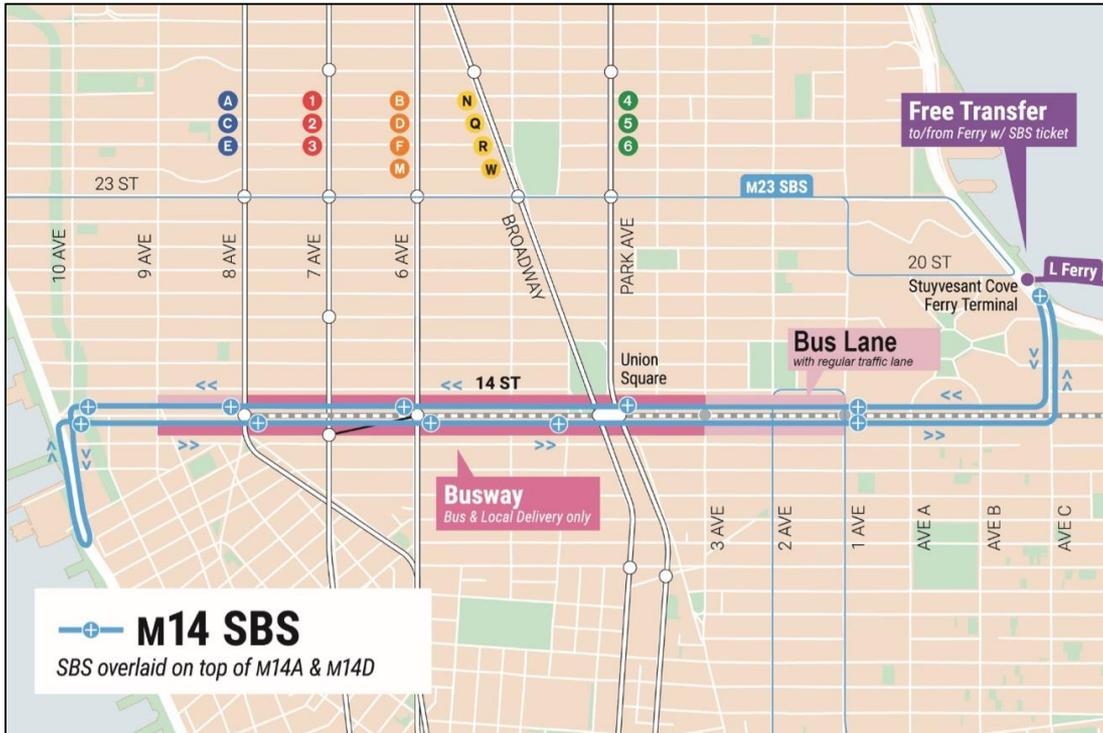
Key benefits

- 5 AM start discourages early morning congestion before regulation goes into effect
- HOV supports period of highest projected bus ridership demand
- DOT coordinating with NYPD on enforcement staging, strategy





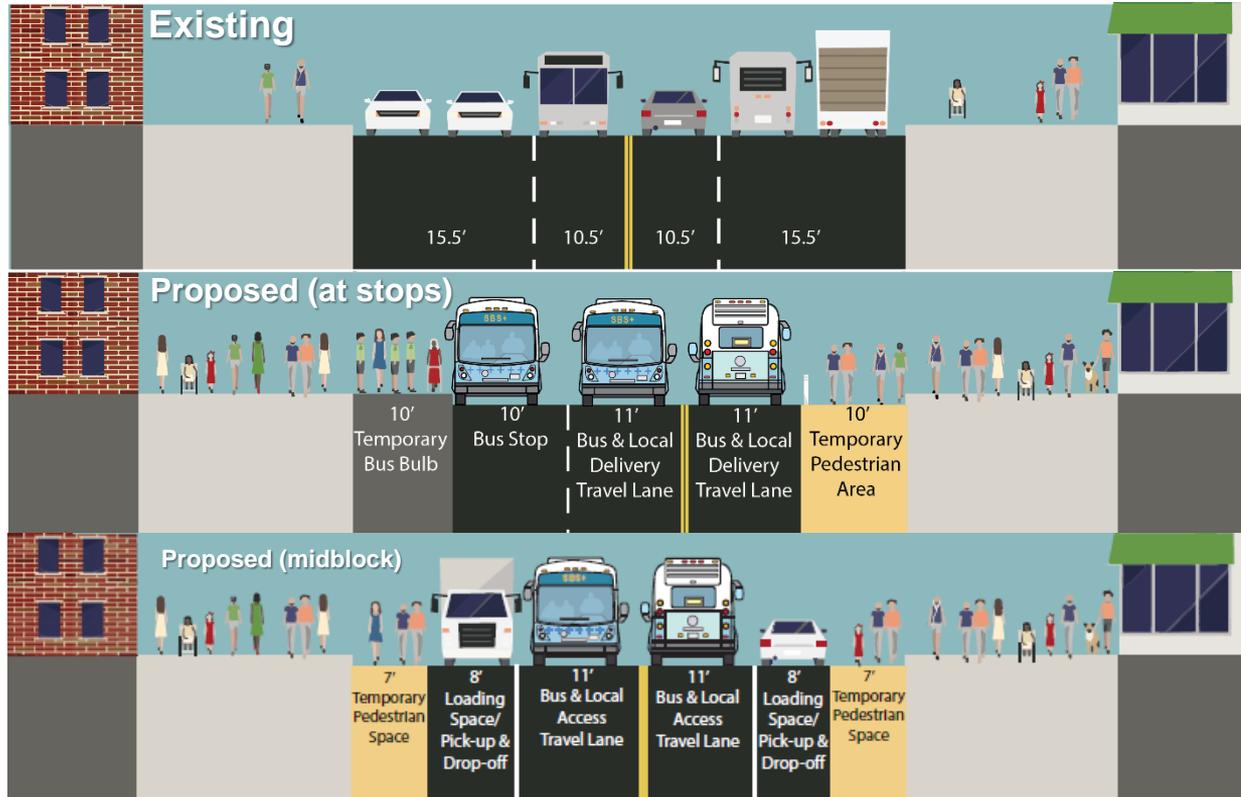
14th Street Busway



- Implementation is underway
- Work will be complete before the **L** train tunnel closure



14th Street Busway Design





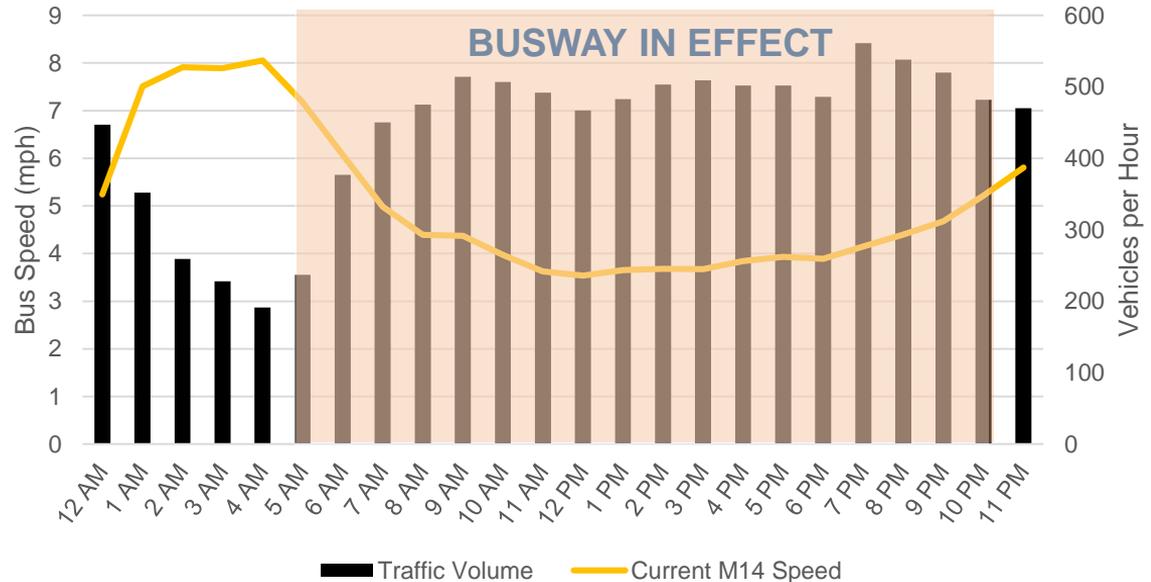
14th Street Busway Hours

5 AM to 10 PM, every day

- Buses
- Emergency Vehicles
- **Local access for deliveries, private parking garages, pickups and drop-offs**

- Busway hours support period of highest traffic demand on 14th Street
- Bus lane camera enforcement and NYPD presence will deter through traffic
- Busway operation without a midday gap allows for clear messaging and enforcement
- DOT will monitor traffic conditions on 14th Street and wider traffic network throughout the closure period

Current 14th Street Traffic Volume and Speed





M14 Bus Service

M14A/D stops relocated to improved stop locations to align with new street markings:

- Eastbound 5th Ave stop moved to other end of block
- Eastbound University Pl stop moved across University Pl





Interborough Bus Service

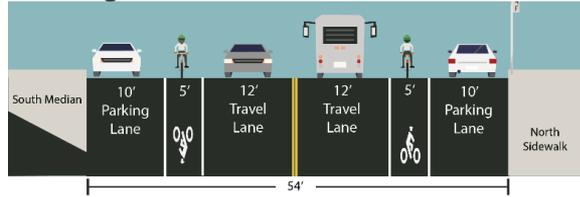
- Manhattan turnaround for L1, L4 moved from 15th St to 17th St



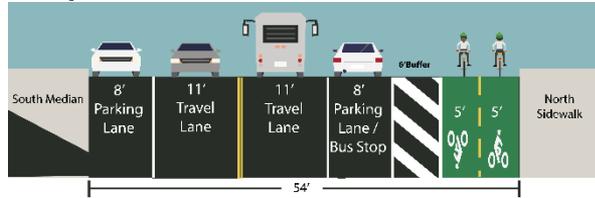
20th Street Bike Lane & Street Improvements

Route Details

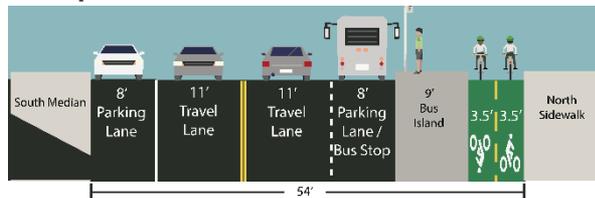
Existing: Standard bike lanes



Proposed: Upgrade bike lanes to two-way protected path



Proposed: At bus stops



Implementation

- Bus boarding island & markings implementation is ongoing
- Temporary parking restriction is in place to accommodate riders during bus island construction
- Additional markings, signal timing update, and other elements are forthcoming, and will clarify the new roadway configuration





Construction

- Project is on track
- Using weekend service closures so tunnel work can begin right away
- Work hours and other details are posted online: <http://mta.info/sandy/worksitecommitment>





Construction

NOW

- **Complete:** Jet grouting operation between 1st Ave. and Ave. A
- **In-progress:** Excavation for new station entrance and elevator between 1st Ave. and Ave. A
- **In-progress:** Jet grouting work between Ave. A and Ave. B
- Current site configuration should remain largely the same through the end of the year



LOOK-AHEAD

- **Mid-Nov. 2018:** Sidewalk to become continuous in front of businesses between 1st and Ave A on south side of 14th
- **Dec. 2018:** Elevator shaft and steel structure construction, excavation for substation to begin between 1 Av and Av A
- **Jan. 2019:** Site footprint reduced between 1st Ave. and Ave. A and hours to reduce at Ave. A



Construction

We're listening and making improvements

Changes we've made to mitigate to date include:

1. Installed white noise backup alarms on as many trucks as possible
2. Swapped diesel-powered equipment with electric-powered where possible (example: all of the light towers are now electric-powered)
3. Purchased and installed custom light shields on the electric-powered light towers to shield light from residents
4. Coordinating with Con Ed, DEP, DOT and others to escalate and fix issues, such as a manhole between Ave A and Ave B on 14th Street
5. Installed sound blankets on all possible fences to absorb noise
6. Enclosed noisy equipment with sound barriers (example: cement pig)
7. Added lights along pedestrian walkways to ensure safety
8. Created a more frequent schedule for hosing down the worksite
9. Assigned two team leads to do walk-throughs at the end of the evening shift to ensure the job is fully closed down (lights off, machines off, etc.)
10. Truncated work schedule so last part of working hours (10-11 p.m.) is used for cleanup only, pending unforeseen circumstances





Environmental Quality Plan

Service Plan

• **Buses**

- 5 electric and 10 hybrid diesel-electric buses by April 2019 for the interborough routes
- 15 articulated electric buses to follow in Q4 2019 for M14 SBS

• **PM2.5 Monitoring**

- Best tool to monitor for diesel and related particulates
- Securing monitoring equipment sites to establish baseline as soon as possible
- Results will be made publicly available

Construction Sites

• **Dust and Silica Monitoring**

- Dust control plan in place for PM10 and silica
- Mitigation plan is also underway, including a custom filtration system used underground
- No exceedances of PM10 at street-level; silica worker exposure assessment will be conducted; monitoring will be ongoing

• **Asbestos:**

Removed prior to construction



Communications/Marketing in the Works

Goal: to educate and inform that you have travel options, sell people on the new travel options, present one source of information between MTA NYCT and NYCDOT.

Content

- Overview **L** project and service plan brochure
- Station-specific brochures
- Mini-newsroom to create weekly newsletters and other content

Tools

- Trip planning with zone-based map (Nov – Winter 2019)
- MyMTA app (late Winter 2019)

Channels

- Four MTA/DOT open houses in Brooklyn and Manhattan in January, February, March
- Weekly pop-ups via mobile information centers, street team outreach, community events participation
- Website

Additional marketing plan with targeted business; outreach underway





Mobile Information Centers

Beginning in January, we will be stationing mobile information centers at various locations to reach communities impacted by the  Tunnel Reconstruction Project.

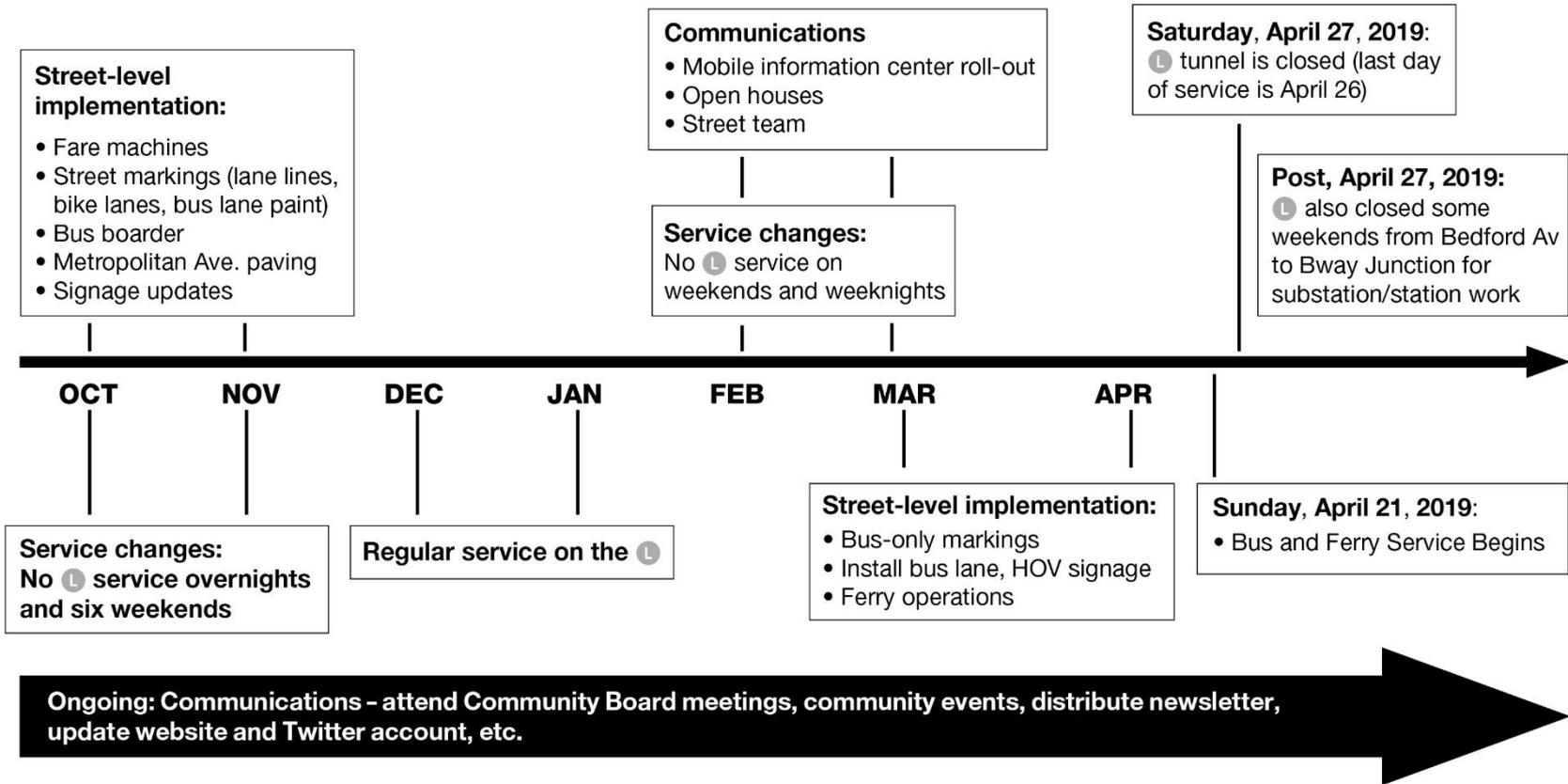
We will be at locations like the following:

Brooklyn:

- Bedford Avenue/N. 7th Street: (outside Bedford Avenue  station)
- Grand Street/Bushwick Avenue (outside Grand Avenue  station)
- Myrtle Avenue/Wyckoff Avenue (outside Myrtle-Wyckoff Aves.   complex)
- Metropolitan Avenue/Lorimer Street   station

Manhattan:

- 14th Street near Union Sq, 6th Ave, 8th Ave, and 11th Ave
- Spring Street near the  train
- Near Delancey-Essex Street Station
- Near Bleecker St Bway Lafayette Station





More information

[MTA.info/LTunnelReconstruction](https://www.mta.info/LTunnelReconstruction)

[NYC.gov/LTrainClosure](https://www.nyc.gov/LTrainClosure)