NEW YORK CITY TRANSIT RIDERS COUNCIL MINUTES OF March 22, 2018

A meeting of the New York City Transit Riders Council (NYCTRC) was convened at 12:00 noon on March 23, 2017 in the 20th Floor Board Room at 2 Broadway, New York, New York

The following members were present:

Andrew Albert Christopher Greif William K. Guild Sharon King Hoge Trudy L. Mason Burton M. Strauss, Jr.

The following members were absent:

Stuart Goldstein
Edith Prentiss

Marisol Halpern Scott Nicholls

In addition, the following persons were present:

William Henderson

Ellyn Shannon

Bradley Brashears

Sheila Binesh

Karyl Cafiero

-PCAC Executive Director

-PCAC Associate Director

-PCAC Planning Manager

-PCAC Transportation Planner

-PCAC Research Associate

Shaun Wong -PCAC Intern

Jeff Hanft -NYCT
Aaron Sugiura -NYCDOT
Deborah Hall-Moore -NYCT

Ken Stewart
Matt Shotkin
Michael Howard
David Canas
Andria Alefhi
-Concerned citizen
-Concerned citizen
-Concerned citizen
-Concerned citizen

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- 00:22 Approval of Agenda
- 02:45 Approval of Minutes as amended
- 02:50 Chairs Report (attached)
- T. Mason: Have we done anything for setting up a meeting with Darryl Irick regarding buses?
 - A. Albert: We are working to get a meeting.
- 12:22 C. Greif: Staten Island bus open houses discussion.
- 16:03 Board Report

MTA Board's discussed four working groups — construction costs working group chaired by Scott Rechler, procurement working group chaired by Charles Moerdler, paratransit working group chaired by Veronica Vanterpool, accessibility working group chaired by Ira Greenberg.

- 17:45 Board discussion on the concept of congestion pricing, whether the FixNYC proposal is right for the MTA, and if the MTA should take a position on it in regards to sustainable MTA funding.
- T. Mason: Attended an event at Hunter College's Roosevelt House bringing together leaders of Port Authority and the MTA discussing the interconnectivity of transportation and infrastructure expressing the need for the Gateway Project. The event also covered the need for congestion pricing and issues with for-hire-vehicles, the need for dedicated revenues, design-build, and value capture.
- 29:49 A. Albert: There was a board discussion of value capture and how the City is not in favor of it because revenues will be given to the MTA and not the City.
- 30:12 E. Shannon: Polly Trottenberg of NYCDOT wants to have more discussions on value capture before the State passes legislation.
- 31:25 A. Albert: Some say that the only way to fund the second phase of Second Avenue Subway (SAS) is through value capture.

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- 31:30 T. Mason: Right now there is no infrastructure money from the federal government for New York and SAS phase 2.
- 32:30 E. Shannon: Has there been a study if value capture had been used for phase one of SAS how much could have been brought in?
 - T. Mason: Yes, they could have used it. There have been independent studies of the increase in property values.

40:00 Old Business

- 40:10 K. Stewart: Issue with bus drivers not making stop announcements. What can be done about this?
 - D. Hall-Moore: There is a whole grid of accessibility issues that is being covered, and bus announcements is one of them.

43:12 **New Business**

- 43:16 C. Greif: Requests to be part of the MTA working groups on accessibility.
- 45:26 C. Greif: Request letter to the cleaners who have been shoveling snow appreciation letter.
- 47:56 W. Henderson: We have sent legislators our resolution supporting congestion pricing.
- 50:25 Introduction of NYC Transit's Jeffrey Hanft and NYCDOT's Aaron Sugiura to discuss plans for the upcoming L Line closure.
- O1:14:34 A. Albert: We learned a lot from the so-called "Summer of Hell", people did not use the buses, instead went to alternate train stations. Isn't it likely that the majority of people are going to alter their route and take different subway lines? After about 3 or 4 months or sooner you might find that instead of taking the L1, L2, L3, that riders might just take different subway lines, especially if their destination is not 14th Street. New subway transfers coming online as well.
 - J. Hanft: Yes, we expect about 85% of riders will switch to different subway lines.
- 01:22:20 A. Albert: Could there be shuttle service between Bedford and Court Square?

 J. Hanft: It is not a time competitive service, and the B32 operates in this corridor.
- T. Mason: Since all the work will be done in the tunnel, why does the L have to be shutdown along 14th Street? Couldn't it just be used as shuttle train?
 J. Hanft: The major problem is there is no yard to put trains into service and maintain them and the Third Avenue station is not designed to be a terminal to turn around trains.

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- 01:37:00 C. Greif: Is 14th Street going to be closed at all times and will it be open to Access-A-Ride vehicles?
 - A. Sugiura: We have never said it will be closed at all times.
- 01:38:14 A. Albert: The bus treatments on both Grant Street and 14th Street, are we talking about weekends as well as weekdays?
 - A. Sugiura: We have not yet determined that either.
- O1:38:32 C. Greif: If someone gets on the L train trying to go to Bedford Av, can someone get on the ferry there?
 J. Hanft: Yes, they can. It will be similar to the SBS fare machines prior to boarding the ferry. You can move from the ferry directly to the bus with your proof of payment.
- O1:39:35 C. Greif: Will there be ambassadors at Myrtle-Wyckoff to help the accessibility community?
 J. Hanft: Station staffing is something we are working with the department of stations with. Not sure if that specifically has been identified. We will take that question back with us.
- O1:41:04 E. Shannon: How much of the street traffic on 14th Street is because of deliveries? Are you working with the primary delivers to speed up the time they are stopped there?

 A. Sugiura: We are more concerned about regular vehicle traffic. There are discussions to do off-hour deliveries with some of the bigger retailers.
- 01:45:16 D. Hall-Moore: If this anybody wants to make formal recommendations, they need to do so in a hurry as they are approaching a final plan.
- O1:45:39 B. Guild: There is a group that is concerned about the placement of an elevator on the north side of 14th Street at Avenue A on a roadway island. This is a dangerous intersection already. Any consideration in changing direction of traffic or enforcement that will make it a safer intersection?

 A. Sugiura: We have spoken with these individuals. It is too soon to weigh in on the subject now. One matter is changing the side the elevator door opens to, and the other matter is possibly using the service road to expand pedestrian access.
- O1:48:36 S. Wong: Is there a possibility of adding bus lanes to Grand Street? Are cars not going to be allowed on Grand Street? Will the project remove parking?

 A. Sugiura: Trying to establish priority for buses and bike lanes and working to remove one side of parking. Trying to divert regular traffic to other streets.
- 01:50:09 S. Binesh: Lane enforcement since current legislation allows 16 cameras but not all of them are in use, why are you asking for more cameras?

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A. Sugiura: We are working within current legislation to use those cameras for the shutdown and then return them back to the pool for other routes once the shutdown is over. There will eventually be a need for more cameras.

- 01:54:51 T. Mason: Existing parking garages on 14th Street Is there going to be limited access to those garages?
 - A. Sugiura: Yes, we do need to make sure that there isn't a loophole in the rule that cars can't drive on 14th Street. Day-rate parkers will be allowed to use the access, but only if they exit as soon as possible and not travel on 14th Street.
- 01:58:40 B. Brashears: Recommends writing a resolution supporting and expanding legislation to have cameras on the bus lanes during the L shutdown.

 A. Sugiura: Yes, that would be helpful for the HOV lanes, and it is still an open matter.
- 02:00:28 Camera enforcement resolution is approved.
- 02:01:02 *Adjournment*

Summary of Action Items

- Schedule bus meeting with Darryl Irick
- Write letter of appreciation for snow removal
- Draft bus lane camera enforcement legislation resolution

Respectfully submitted,

William Henderson Executive Director





Fixing the Line's Canarsie Tunnel



WHAT INFORMED OUR PLANNING PROCESS SO FAR?

Input from over 40 community meetings

Most frequent comments:

- Buses need dedicated lanes
- Provide multiple options, including ferry
- Simple, direct inter-borough bus routing, connecting to subways
- Bike lanes should be physically separated
- Street treatments should take emergency vehicle and delivery access needs into consideration
- Manhattan residents fear traffic spillover on narrow, mostly residential side streets
- Balance the needs of riders, residents and businesses.

Technical Analysis:

- Current travel patterns
- Traffic and transit modeling
- Testing of multiple scenarios.











SANDY DAMAGE

The Canarsie Tube was inundated with saltwater during Superstorm Sandy causing corrosion of cabling, circuit breakers and power and track equipment.

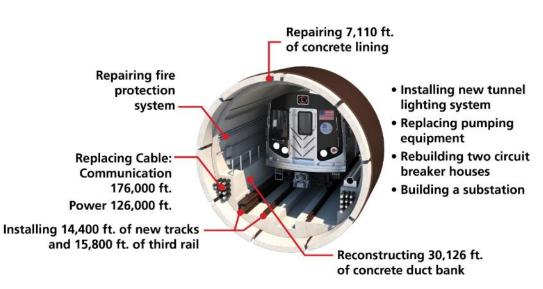
The tunnel needs a complete overhaul

Contract for Tube repairs awarded (April 2017)

15 Month Closure remains on schedule to begin April 2019

Bonus for early completion & \$400,000-per-day penalty for delays

Tunnel work needed







MANHATTAN CONSTRUCTION UPDATE

- Ongoing Work:
 - Relocating ConEd ducts and power cables.
 - Installing Support of Excavation sheet-piles on north side of E
 14th St & Avenue B for new substation
 - Installing Support of Excavation support piers on north side of E 14th St & Avenue A for new entrance/shaft
 - Starting installation of Support of Excavation sheet-piles on south side of E 14th St & Avenue A for new entrance/shaft by middle of February.
 - Work is also underway at Bedford Ave Station in Brooklyn





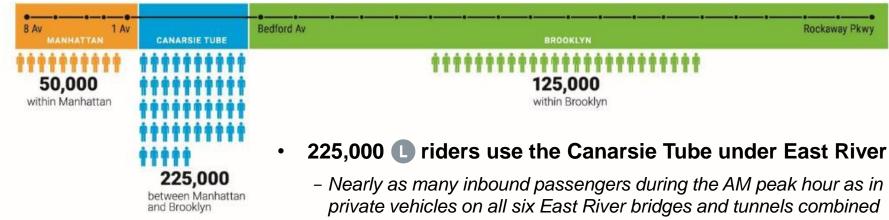


SERVICE PLAN









- - Nearly as many inbound passengers during the AM peak hour as in private vehicles on all six East River bridges and tunnels combined
- 50,000 riders travel solely in Manhattan
 - Greater than busiest NYC Bus route (Bx12 48,000 riders/day)
- **30,000 riders on M14A and M14D**
- 125,000 riders travel solely in Brooklyn





OUR STRATEGY



Increased alternate subway service



Temporary bus service



Temporary ferry service



Station Access and Capacity Improvements



More bike and pedestrian infrastructure



Peak period traffic management strategies



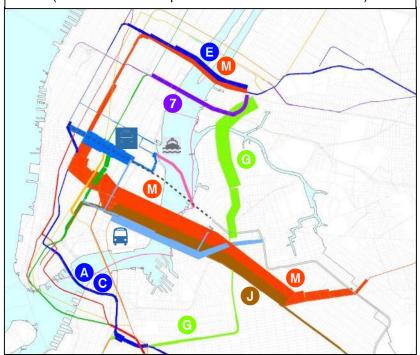


SUBWAY SERVICE

- 12 trains run local from Myrtle Av to Marcy Av to serve additional demand at Hewes St, Lorimer St, Flushing Av
- Free MetroCard transfers between:
 - Broadway (a) and Lorimer St / Hewes St (1) (a) 2
 - Junius St 3 and Livonia Av 1
 - 21 St and Hunters Point Av
- Weekends and Overnights, M runs to 96 St / 2nd Av

Transit Travel Paths of Current Riders During Closure - AM Peak Hour

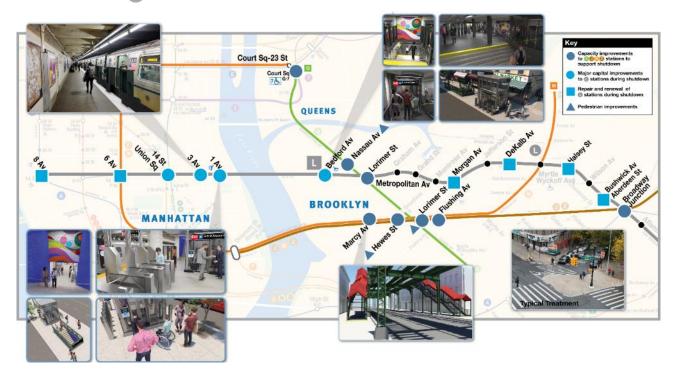
(Width of line corresponds to number of shifted riders)





PERMANENT STATION IMPROVEMENTS

Prior to the tunnel closure, we are improving access to and capacity in stations along the (G), (J), (M) and (Z) lines, that will provide alternatives to (L) service. During the tunnel closure, we will also enhance stations along the (L) line.





INTER-BOROUGH BUS ROUTING





PROPOSED TRANSIT PRIORITY TREATMENTS





BICYCLE NETWORK CONNECTIONS







HOW TO MAKE L TRAIN CROSS-RIVER BUSES WORK

- Combined frequency of about 70 buses per hour in peak
- Target: end-to-end bus run times of about 25 minutes
- Near free-flowing speeds across the bridge







IF WE DO NOTHING

- Highly variable travel times across Williamsburg Bridge: 10-40 minutes in AM Peak
- Buses will be stuck in traffic and not be a reliable travel option
- Significant crowding on the and trains
- Some transit riders shift to for-hire vehicles, adding to existing congestion
- Peak hour demand for ferry will exceed capacity

Doing nothing is not acceptable



WILLIAMSBURG BRIDGE: EXISTING CONDITIONS

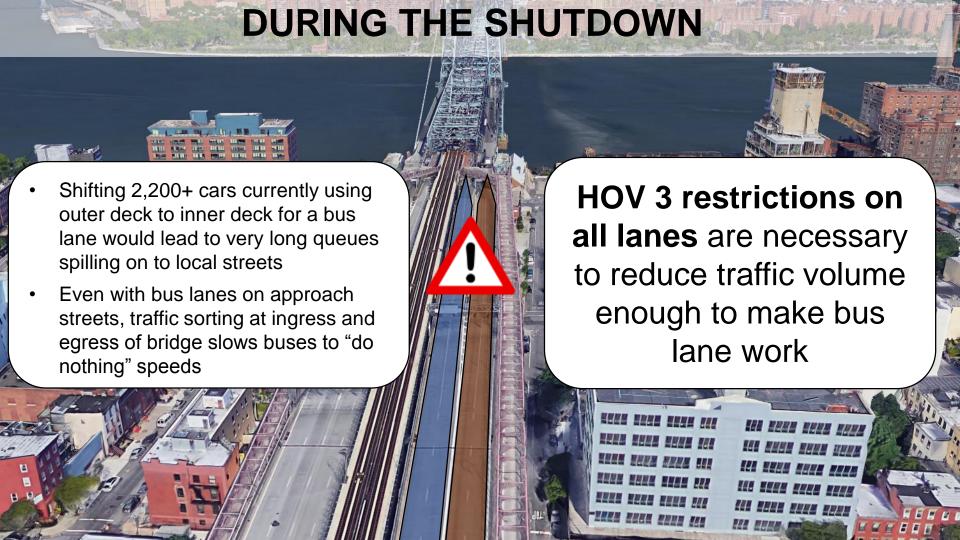
INNER ROADWAY:

- Buses and truck not permitted on inner roadway
- Traffic from BQE and local streets backs up past inner/outer roadway split



OUTER ROADWAY:

- Not wide enough for two true lanes when buses, trucks are present
- Queues for heavy right turn at Clinton St in Manhattan lead to spillback congestion





HOV 3+ RESTRICTIONS ON WILLIAMSBURG BRIDGE

Policy

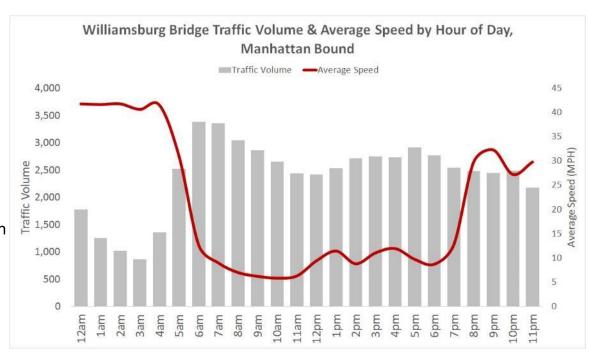
- Buses, Trucks & HOV 3+ Only
- Manhattan-Bound & Brooklyn-Bound
- All Lanes
- Peak Hours (hours under development)

Enforcement:

- Standard NYPD enforcement
- Automated enforcement under consideration

Travel Information:

- City/MTA will facilitate carpool & other alternatives
- Go Smart program to communicate travel options to affected commuters







AREA CONTEXT

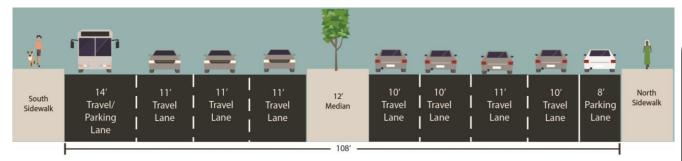


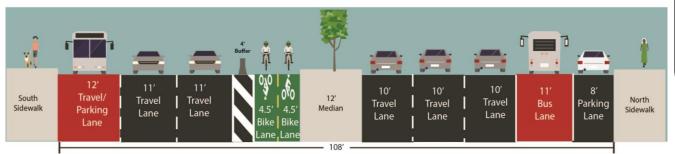




DELANCEY STREET

From Williamsburg Bridge to Bowery





- Continues bus priority from Williamsburg Bridge
- Provides a safe bike facility connecting the Williamsburg Bridge, Allen Street and Chrystie Street
- Ongoing analysis of traffic and curb regulations
- Additional bus priority for Kenmare Street under development

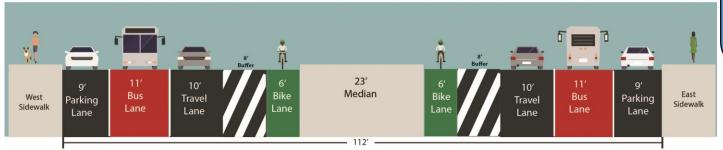




ALLEN STREET

From Delancey Street to Houston





- Maintains the existing bike lane
- M15SBS/local will be able to use the bus lanes





THE CHALLENGE WITHOUT THE (1) TRAIN



Manhattan-only L Train riders will need a reliable replacement for high-volume subway service



More people will walk along already congested sidewalks, magnifying pedestrian safety issues



14th St businesses need loading space during shutdown

14th St residents need local access and deliveries

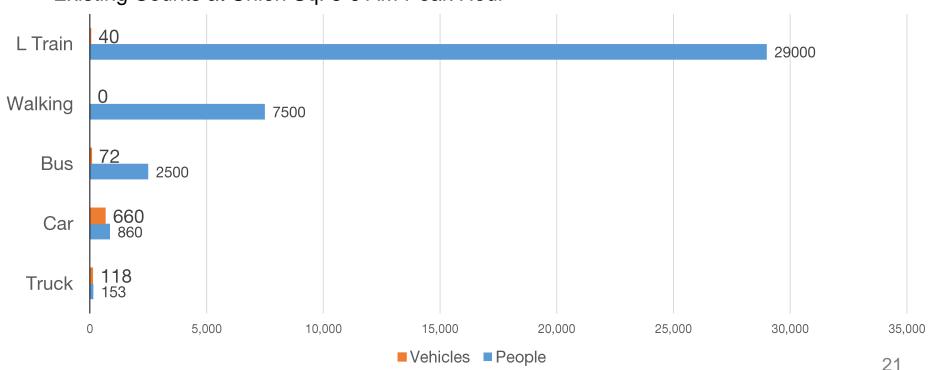


Residents of adjacent residential blocks have expressed concern about effects of spillover traffic



HOW ARE PEOPLE GETTING AROUND ON 14TH STREET?

Existing Counts at Union Sq: 8-9 AM Peak Hour





HOW 14TH STREET OPERATES NOW

Buses and traffic on 14th Street are slow due to:



Heavy pedestrian volumes conflicting with vehicle turns



Double parking



Importance of moving northsouth traffic on avenues



14TH ST: VISION ZERO PRIORITY CORRIDOR

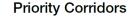


Currently:

- 6 Vision Zero priority intersections
- Over 30,000 weekday bus passengers
- 21,000 people in autos or taxis

During closure:

 Pedestrian surges of up to 2x current volumes at major intersections







14TH ST DESIGN OPTIONS

DOT evaluated the following options:

- Existing Conditions
- Do Nothing (L Train Closes, No Bus Priority)
- Short Busway (*Third Av Sixth Av*)
- **√** в

Busway (*Third Av – Eighth/Ninth Av*)

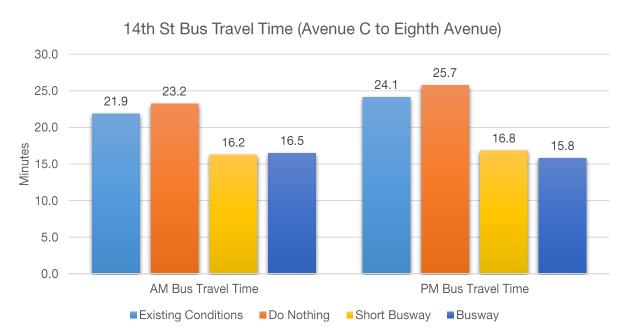
Standard Select Bus Service bus lane design is not recommended because of

- Need for additional pedestrian space on the busiest blocks of 14th Street
- Very frequent bus service would be undermined by bus lane blockages





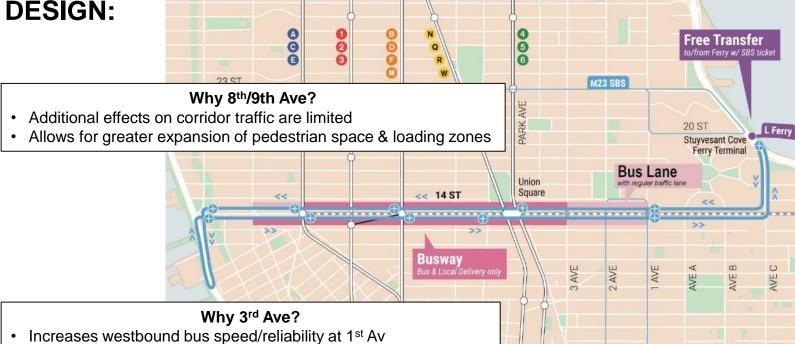
14TH ST DESIGN OPTIONS



- Busway Plan delivers faster bus travel times on 14th St
- Busway Plan brings additional pedestrian space farther west than Short Busway
- Short Busway would see additional delay at Sixth Avenue eastbound as general traffic queues to turn off 14th Street

14TH ST CORRIDOR DESIGN:





Reduces pedestrian conflict at Vision Zero priority intersections

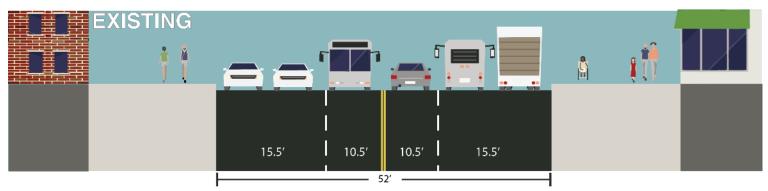


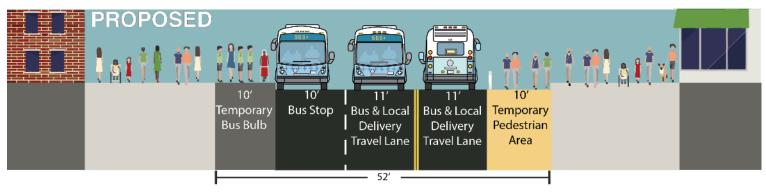
PROPOSED 14TH ST LOCAL STOP CHANGES



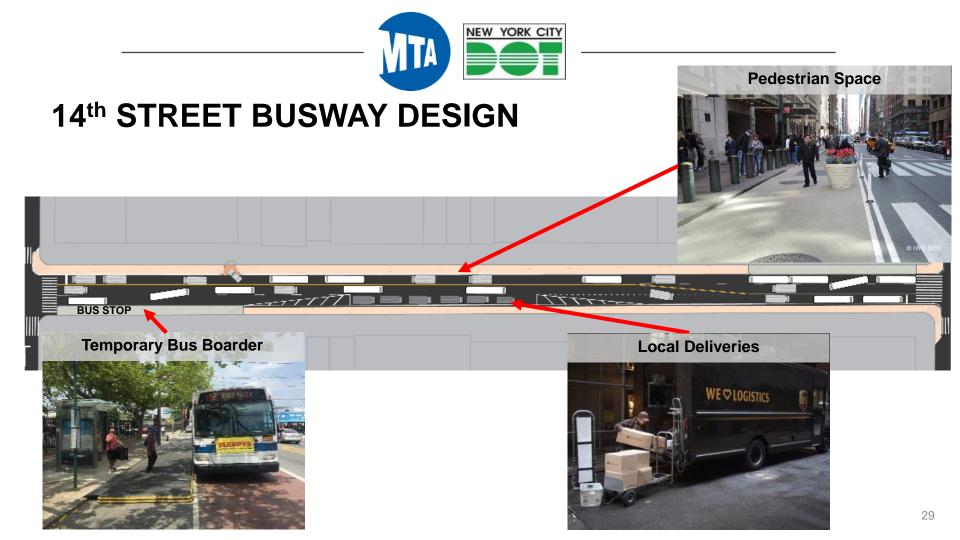


14th STREET BUSWAY DESIGN





14TH STREET





WHO CAN ACCESS THE BUSWAY?

YES:

Buses

Access-A-Ride vehicles

Emergency vehicles

Local delivery vehicles

Cars accessing private garages

NO:

Taxis & other FHV's

Private Cars

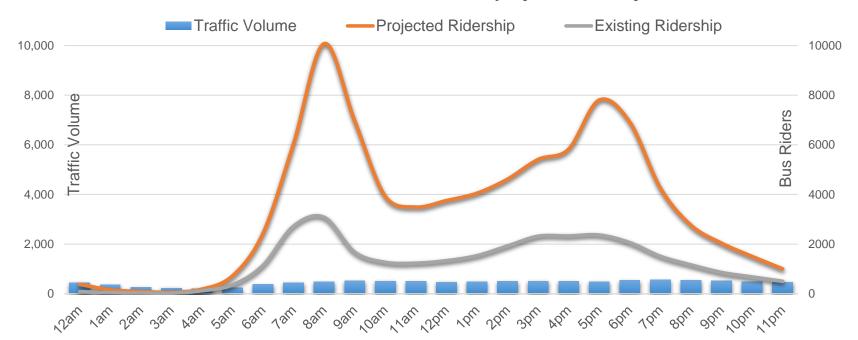
Through-trucks



BUSWAY OPERATION

Buses and Local Access Only Peak Hours (hours under development)

14th Street Traffic Volume & Bus Ridership by Hour of Day





ADDITIONAL BIKE AND PEDESTRIAN MITIGATIONS

- Additional conventional bike parking and high capacity bike parking
- Potential CitiBike expansion, valet service
- Targeted pedestrian safety improvements, including at Vision Zero priorities and subway entrances



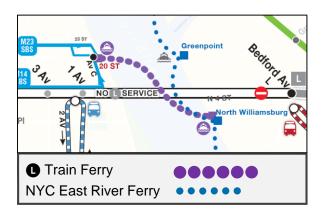




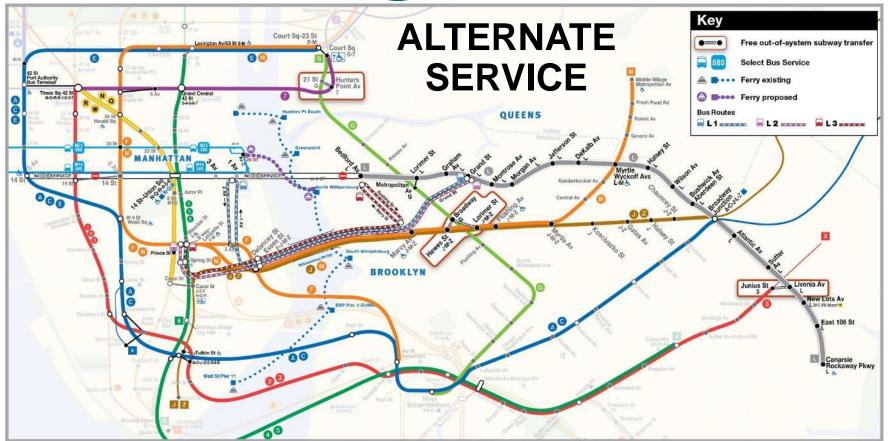
FERRY

Service Plan:

- Weekdays/Sunday: 6 AM midnight
 Friday/Saturday: 6 AM 2 AM (pending NYCDPR coordination)
- Rush hours: 8 boats per hour per direction, carrying up to 1200 passengers per hour per direction
- Fares will be integrated with the M14 SBS and M23 SBS
- Transfer to these bus routes at temporary bus terminal at Stuyvesant Cove (E 20th St and Avenue C)
- Temporary landing modifications at N Williamsburg
- Ongoing coordination with NYCEDC, NYCDOT, and NYCDPR











NEXT STEPS

Ongoing Through 2020

Construction at street level to support tunnel project

Winter 2018

- Present conceptual plan and solicit feedback at community meetings/open houses
- Present final plan to stakeholders and community

Winter/Spring 2018

Stakeholder outreach, design and service plan refinement

Spring 2018

Full M service restored





NEXT STEPS

Summer/Fall 2018

Construction begins for street modifications

Summer 2018 - March 2019

• Multiple weekend and overnight

closures to support tunnel project

Winter 2019

 Completion of temporary street and/or site modifications for SBS service, bus terminal and parking, and ferry operations

April 2019

Start of Canarsie Tunnel Closure, alternative service plan begins





APPENDIX









Canarsie Tunnel Reconstruction Resources

- 14th Street Corridor Traffic Analysis Memo
- 14th Street Traffic Memo Appendices
- Brooklyn Community Board 1 Presentation-- February 13, 2018
- Manhattan Community Board 3 Presentation -- February 13, 2018
- Manhattan Community Board 6 Presentation February 5, 2018
- Winter 2018 Open House Presentation Boards
- Service Mitigation Proposal:
- Summer 2017 Community Board Presentation
- May 2016 Video

∢ Back

Google Translate



APPENDIX: 13th STREET BIKE PATH

Route Details

13th Street









APPENDIX: 13th STREET BIKE PATH

Route Details

Network Connections: Horatio St, Greenwich Ave

Rorth Sidewalk

PROPOSED

PROPOSED

Parking & Stare South Sidewalk

Proposed Sidewalk

Rorth Sidewalk

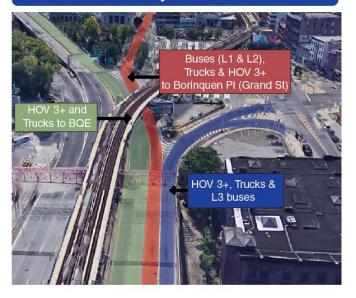






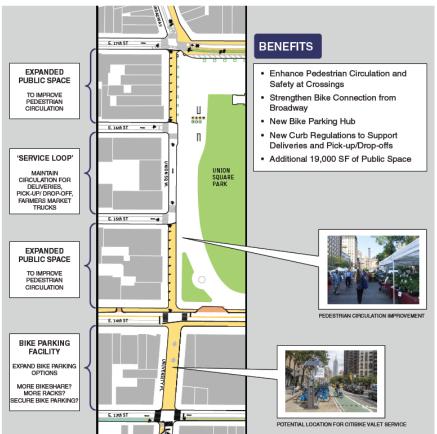


Brooklyn Bound



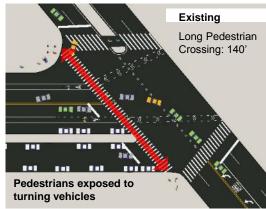
Bus, truck and HOV 3+ only restrictions in Brooklyn bound direction ensure that buses can make reliable round trips

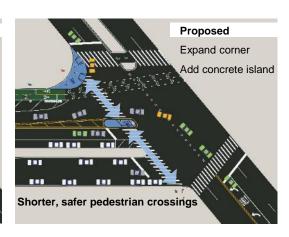




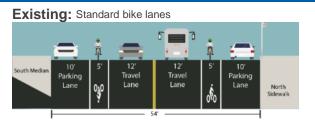




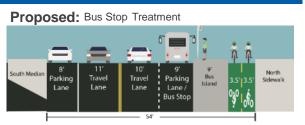




E 20th St, Facing West















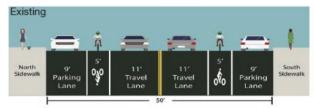
- Traffic traveling eastbound from the Williamsburg bridge offers a variety of options for turning off Grand Street
- Westbound traffic should use Metropolitan Avenue to access the bridge
- Further analysis of traffic and curb regulations on Grand Street, Metropolitan Av, and adjacent cross streets is ongoing

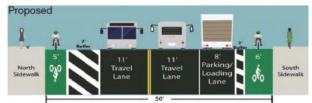




Summary of Proposals

- Enhance eastbound bike route on Grand St to protected
- Enhance westbound bike route on Grand St to curbside with a buffer
- Create alternative bike route on Devoe St in westbound direction
- Provide north/ south connections on Union Av and Morgan Av
- Continue to develop Bushwick bike network with additional routes

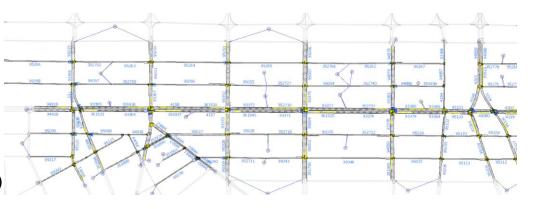






HOW WE EVALUATED OPTIONS

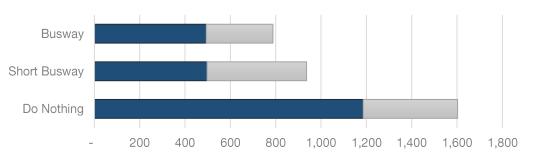
- Aimsun traffic models developed for 14th Street and adjacent side streets (12th through 16th Streets)
- Accounts for:
 - Increased bus service
 - Proposed access changes
 - Related traffic diversions
- Results include:
 - Person delay (including transit riders)
 - Vehicle delay
 - Projected changes to traffic volumes
 - Travel times
- Loading and pedestrian space needs are also prioritized outside of model



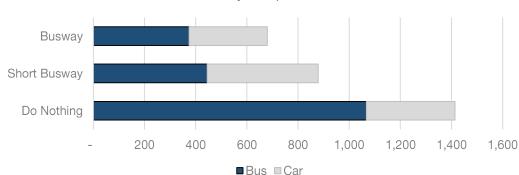


14TH ST DESIGN OPTIONS

Person-Hours of Delay AM Peak: 12th to 16th Streets





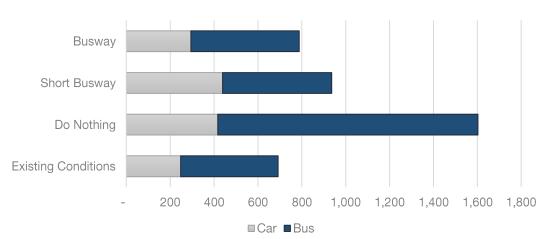


- Person-Hours of Delay accounts for the passengers on buses and in cars within the corridor
- Significantly more passengers will be carried on buses on 14th St than in cars on side streets
- Busway Plan offers the least overall delay to all street users



14TH ST DESIGN OPTIONS

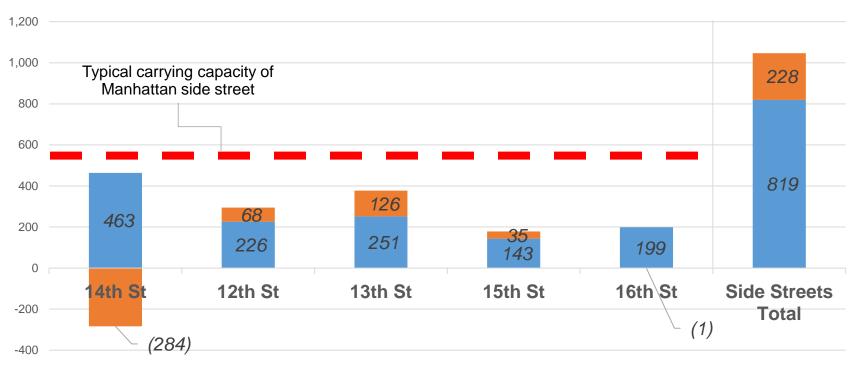
Person-Hours of Delay, AM Peak: All East-West Streets



- Person-Hours of Delay accounts for the passengers on buses and in cars within the corridor
- Significantly more passengers will be carried on buses on 14th St than in cars on side streets
- Busway Plan offers the least overall delay to all street users



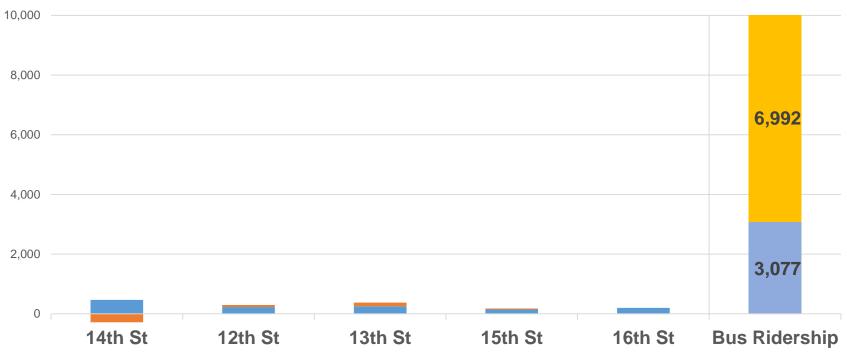
TRAFFIC VOLUMES IN BUSWAY SCENARIO



■ Do Nothing Volume ■ Additional Traffic Volume

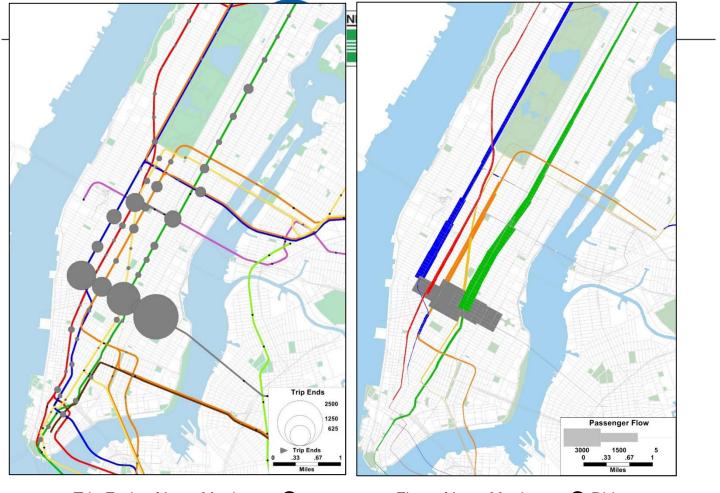


TRAFFIC VOLUMES COMPARED TO BUS RIDERSHIP



AM Peak hour: 8 to 9 AM

-2,000



Trip Ends of Intra-Manhattan
Riders

Flow of Intra-Manhattan • Riders

AM Peak Hour





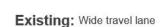
Market Segment	Sub-Market	Current Riders	Use Busway During Shutdown	% of Current Market Using Busway
Bus	M14	30,000	30,000	100%
	1 Av	25,000	18,500	74%
Intra-Manhattan L Riders	Other	25,000	10,000	40%
	Total	50,000	28,500	57%
Brooklyn-Manhattan L Riders	To/From 14th St Destinations	64,000	23,300	36%
	Other Destinations	161,000	2,200	1%
	Total Along 14th	225,000	25,500	11%
Total Riders 14th St	To/From 14th St Destinations	144,000	81,800	57%
	Total Along 14th	305,000	84,000	28%

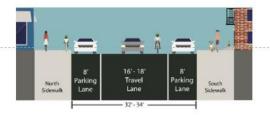


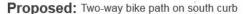
	Bus	Bus Intra-Manhattan L Riders			Brooklyn-Manhattan L Riders		Total L		Total 14th St		
	M14	1 Av	Other	Total	To/From 14th St Destinations	Other Destinations	Total Along 14th	To/From 14th St Destinations	Total Along 14th	To/From 14th St Destinations	Total Along 14th
Current Riders	30,000	25,000	25,000	50,000	64,000	161,000	225,000	114,000	275,000	144,000	305,000
Use Busway During											
Shutdown	30,000	18,500	10,000	28,500	23,300	2,200	25,500	51,800	54,000	81,800	84,000
% of Current Market											
Using Busway	100%	74%	40%	57%	36%	1%	11%	45%	19.6%	57%	28%
Directly from Manhattan											
Origins	30,000	18,500	10,000	28,500	-	-	-	28,500	28,500	58,500	58,500
Use Busway Via Ferry	-	-	-	-	7,800	2,200	10,000	7,800	10,000	7,800	10,000
Use Busway Via Brooklyn											
Subway		-	-	-	15,100		15,100	15,100	15,100	15,100	15,100
Use Busway Via											
Brooklyn-Manhattan Bus		-	-	-	400		400	400	400	400	400

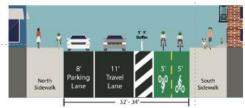


13th St, Typical Design

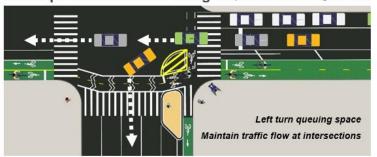








Conceptual Intersection Design: Space for left turning vehicles











Route Selection

Why 13th Street?

- Provides longest continuous eastwest connectivity (Ave C to 8th Ave), with potential to continue shared or standard lanes to Hudson St
- Minimizes parking loss to other crosstown streets

- · Proximity to 14th Street retail and transit
- Directly connects to new bike parking hub on University PI.
- Fewer land use conflicts on blocks in Union Square core

Why not other streets?

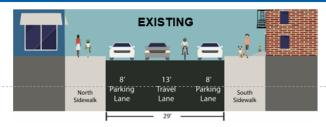
- Additional parking loss
- 15th St & 16th St: Interrupted connection due to heavily congested Union Square Park, Stuyvesant Square Park, Stuyvesant Town, and not a full east west connection
- Bikes could not be diverted through parks due to the potential for unsafe conflicts with high pedestrian volumes
- 14th St: Heavy pedestrian and bus volumes







Route Selection







Why not a one-way pair on 12th and 13th Streets?

12th Street is feasible, but...

- Design would still require parking loss on 13th St
- · Pair of one-way bike lanes would more than double parking loss in the area
- · Two-way path is most efficient use of space
- Farther from key retail and transit destinations on 14th St
- West of Greenwich Ave, 12th St has cobblestones and does not allow full eastwest connection (street shifts southwest)

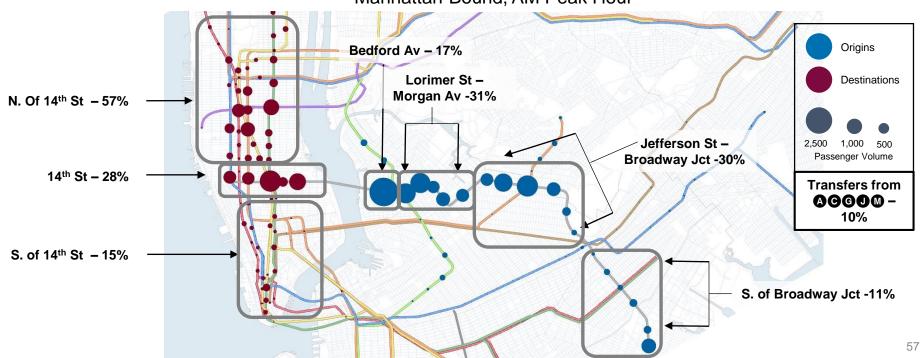


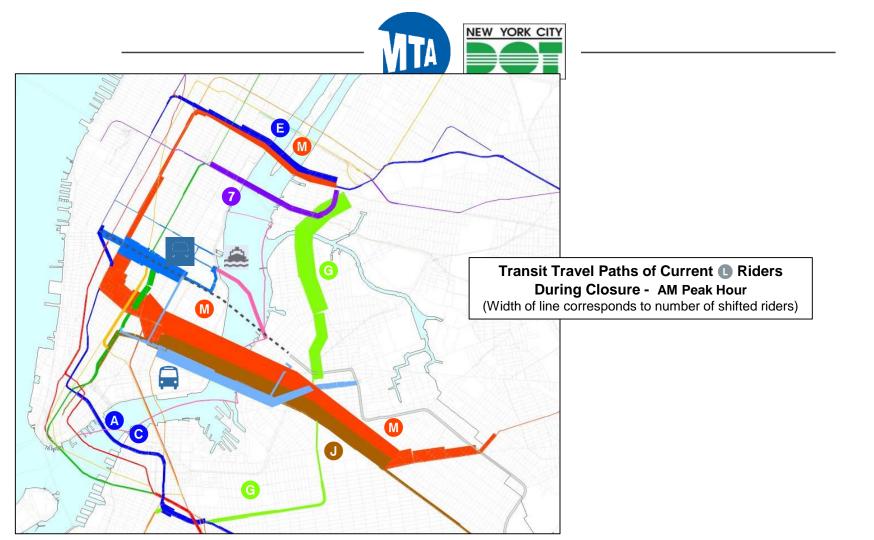
	Projected M14 SBS Volume - AM Peak						
O/D	Stuy Cove	1 Av	3 Av	Union Sq	6 Av	8 Av	TOTAL
Stuy Cove	0	105	466	76	211	121	979
1 Av	16	0	1	467	929	400	1,813
3 Av	10	0	0	1	90	66	167
Union Sq	17	520	3	0	111	855	1,506
6 Av	8	647	439	219	0	20	1,334
8 Av	7	260	125	793	7	0	1,193
Total	58	1,532	1,035	1,556	1,348	1,463	6,992

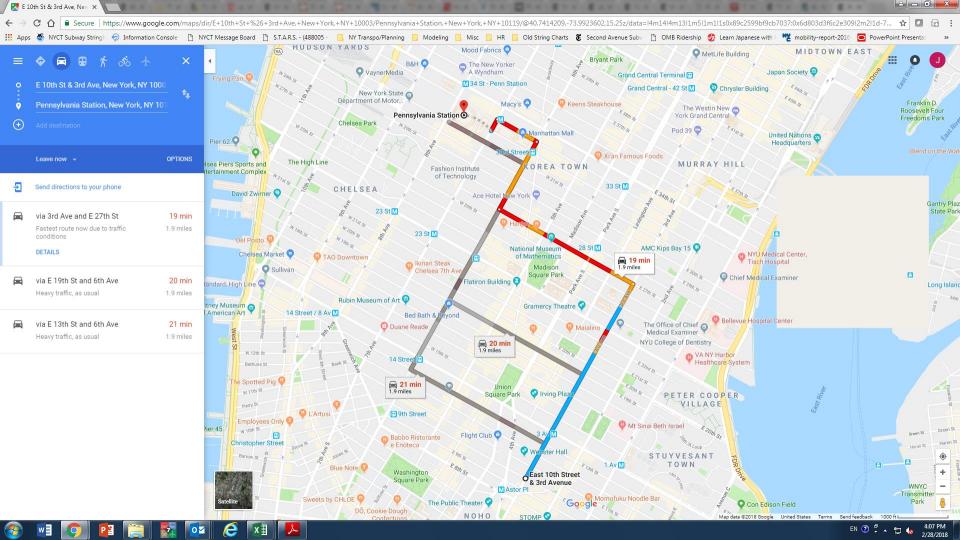


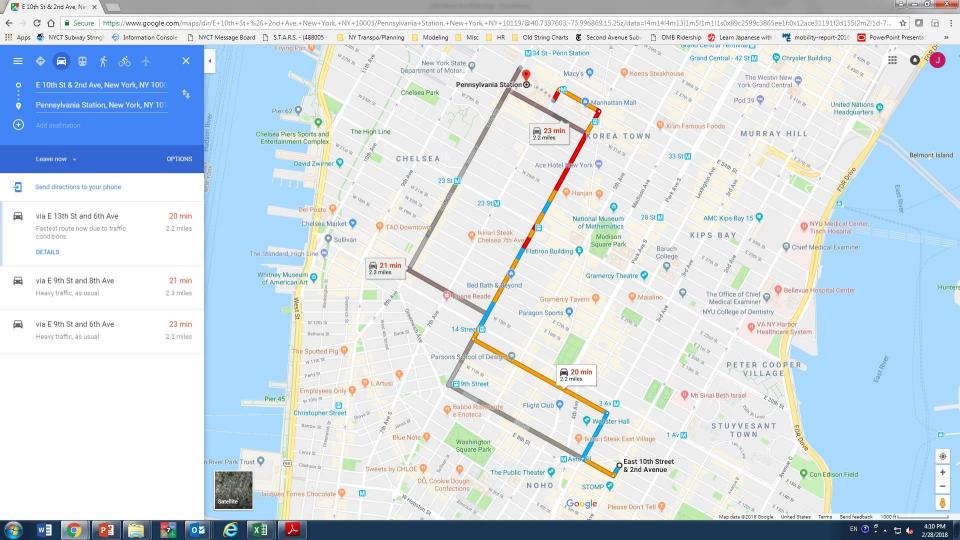
CHALLENGE OF SERVING (CUSTOMERS USING TUBE

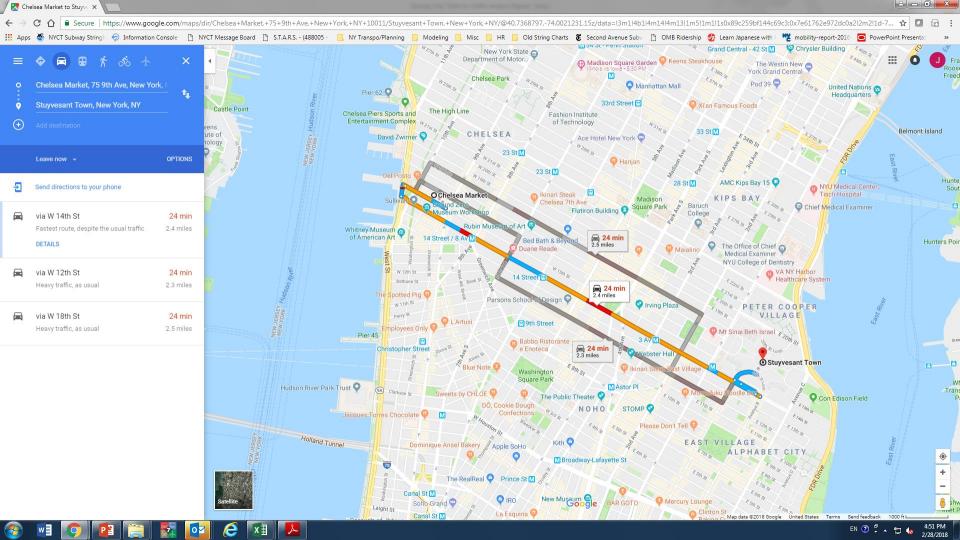
Origins and Destinations of Customers Manhattan-Bound, AM Peak Hour

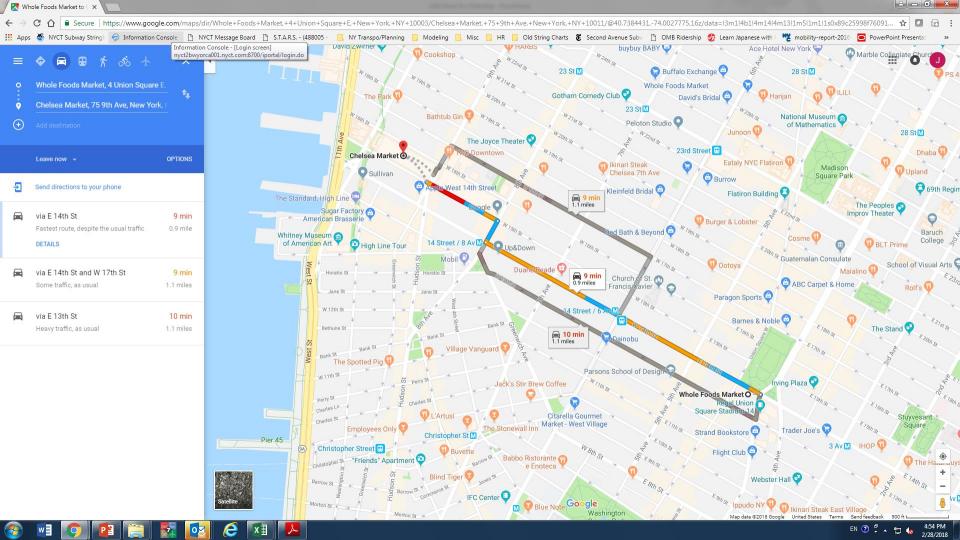








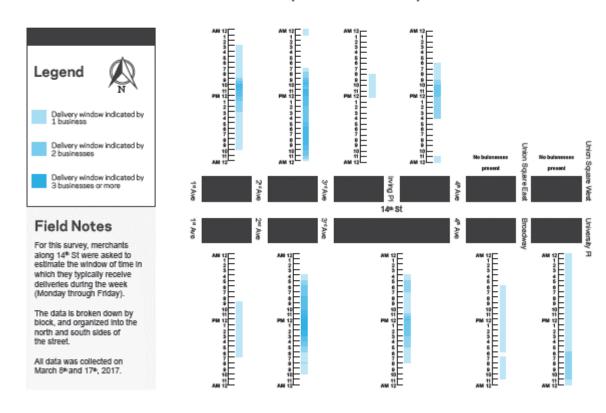






LOADING SURVEY

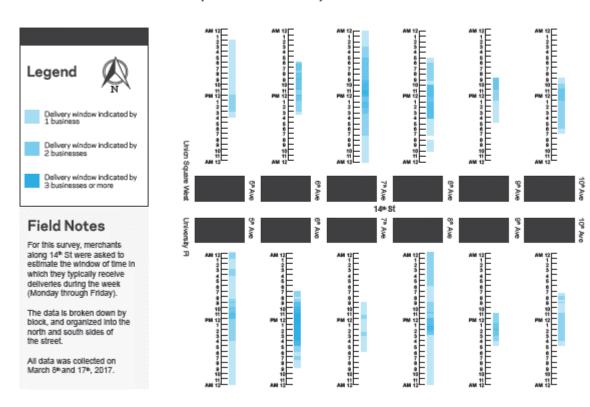
14TH STREET MERCHANT DELIVERY TIME RANGES 1st Avenue to Union Square West/University Place





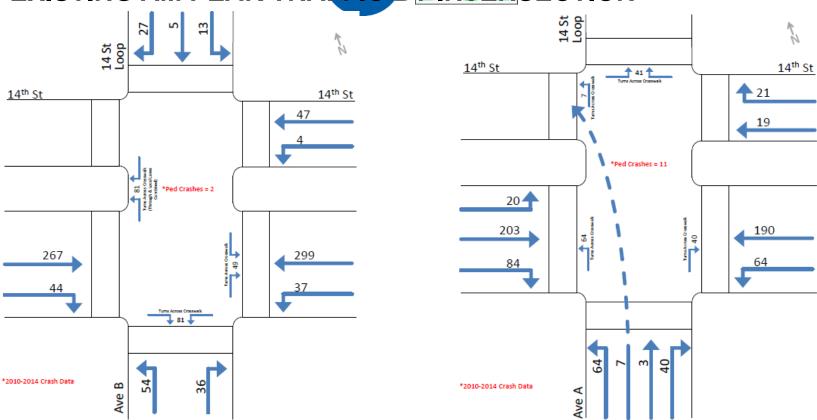
LOADING SURVEY

14TH STREET MERCHANT DELIVERY TIME RANGES Union Square West/Univerity Place to 10th Avenue

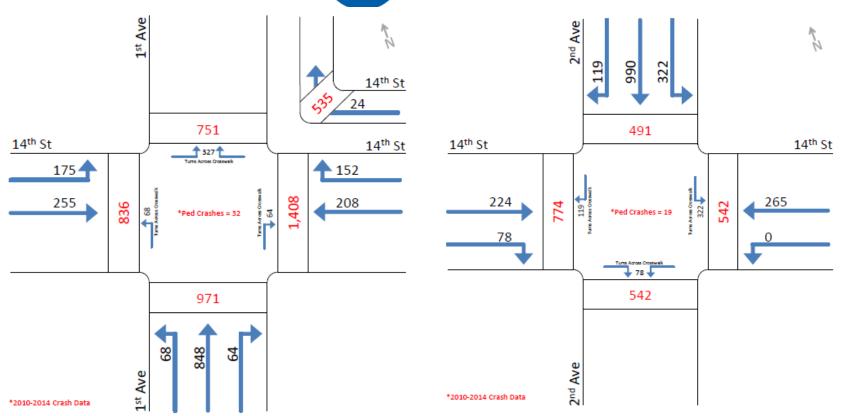


NEW YORK CITY EXISTING AM PEAK TRAFFIC BY INTERSECTION 14 St Loop 126 208 14th St 14th St 14th St 14th St 14th St 234 Turns Across Crosswalk 231 *Ped Crashes = 2 2 Street Closed *Ped Crashes = 4 Con Ed Vehicles Only 267 135 *2010-2014 Crash Data 36 Ave B *2010-2014 Crash Data

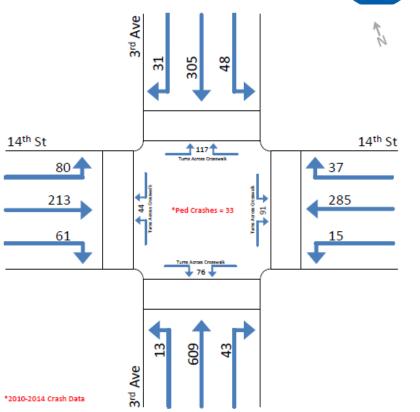
EXISTING AM PEAK TRAFFIC BYINTER SECTION

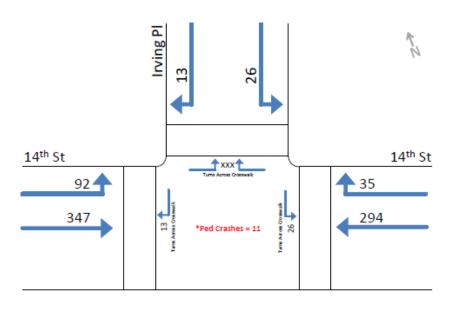


EXISTING AM PEAK TRAFFIC BY INTERSECTION

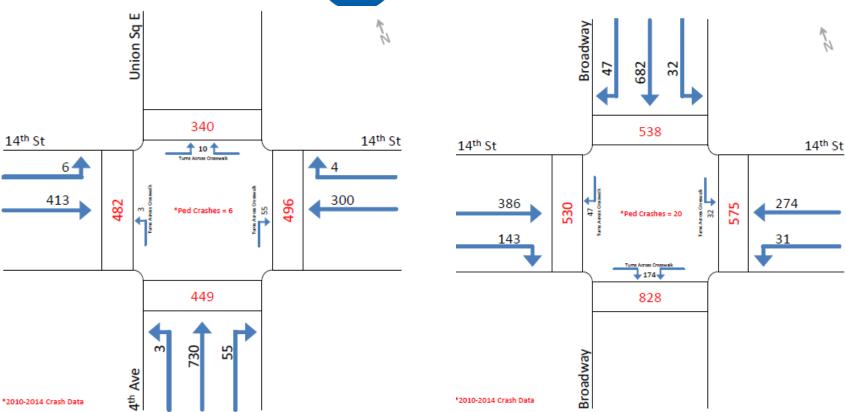


EXISTING AM PEAK TRAFFIC BYINTER SECTION

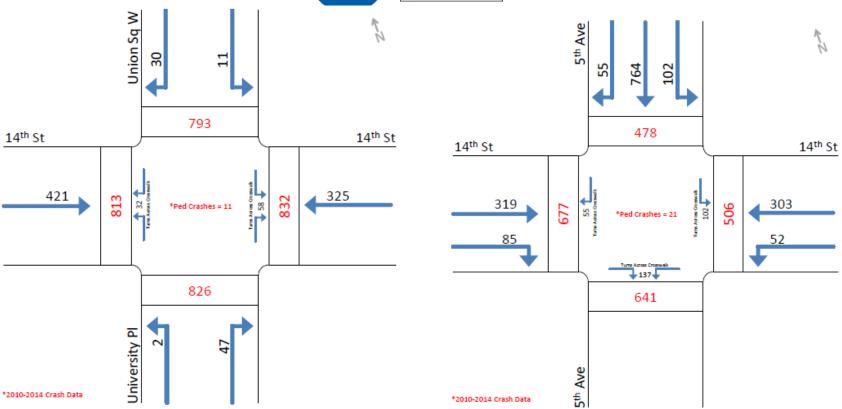




EXISTING AM PEAK TRAFFIC BY INTERSECTION



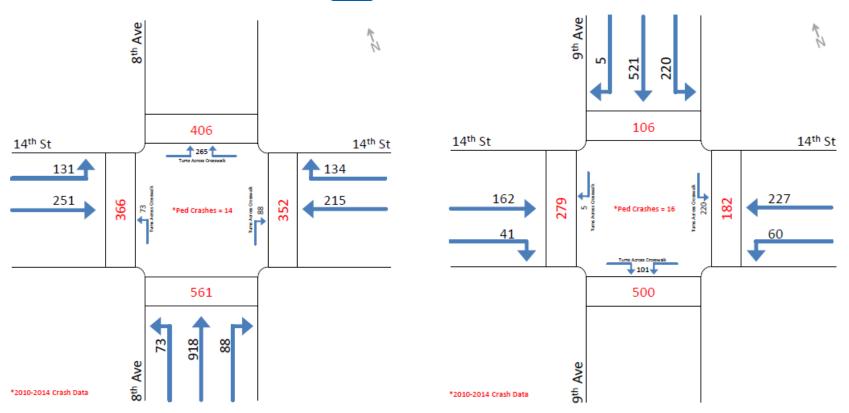
EXISTING AM PEAK TRAFFIC BY INTERSECTION



EXISTING AM PEAK TRAFFIC BYINTER SECTION



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EXISTING AM PEAK TRAFFIC BY INTERSECTION

