



**Massachusetts Bay
Transportation Authority**

South Boston Bus Service Improvements Program

City Point Neighborhood Association Meeting

April 10, 2018



What's Covered Today

- **Service Improvements Already Made**
- **Proposed Transit Improvements**
 - Service Improvements
 - Bus Lane Improvements
 - Bus Stop Improvements
- **Timeline for Improvements**



Bus Network

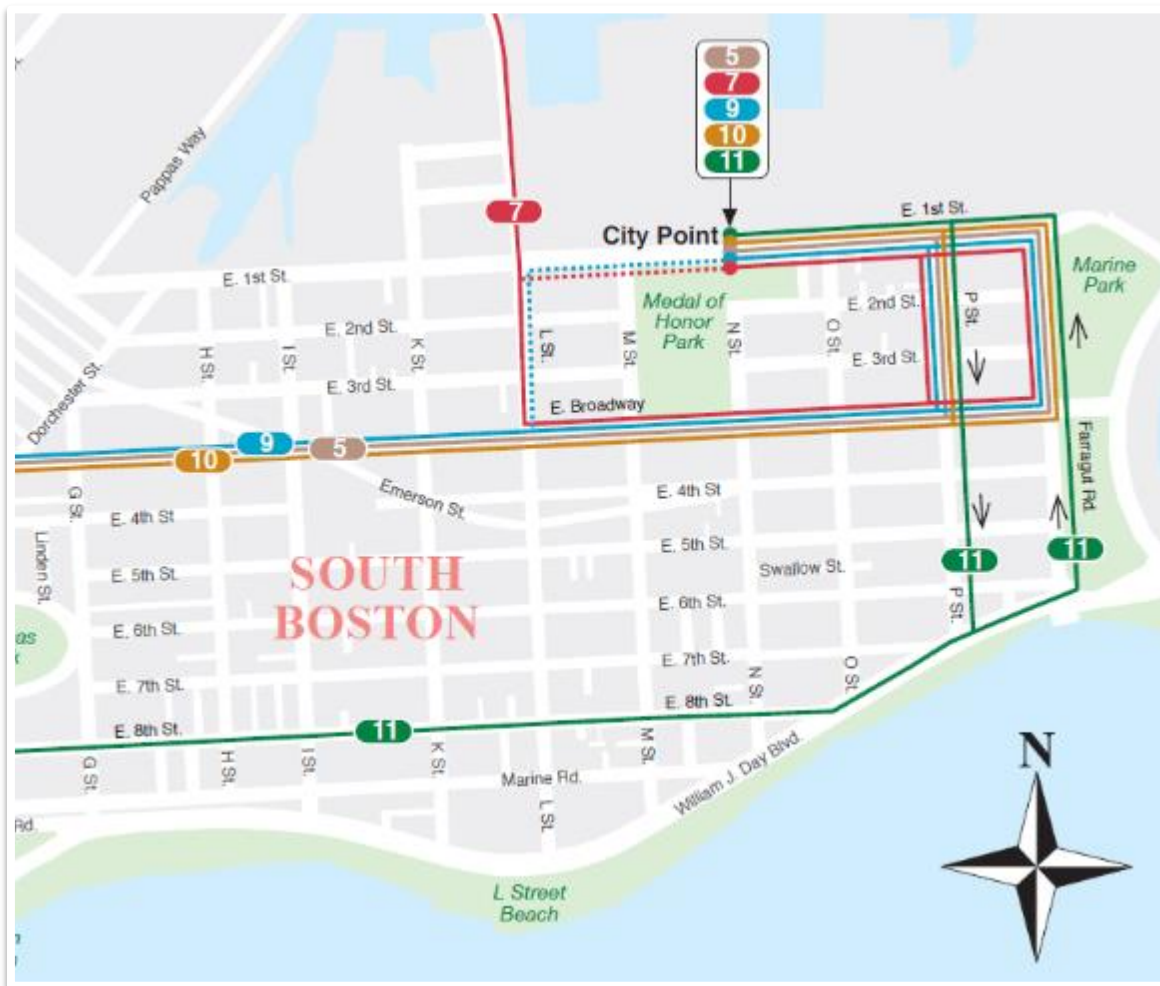
- 175 directly-operated routes, 5 contracted-bus routes
- 446,700 daily riders
- Approximately half of all bus trips include a transfer
- **Types of bus routes**
 - Local bus routes with full weekday service
 - Key bus routes with longer span and higher frequency (19 routes)
 - Commuter bus route with limited peak-direction trips, includes express bus routes with limited stops

Type	Percent of Routes	Total Weekly Ridership	Percent of Bus Ridership
Local Bus	73%	1,362,756	55%
Key Bus	11%	1,029,512	42%
Commuter Bus	24%	68,014	3%



South Boston Bus Network

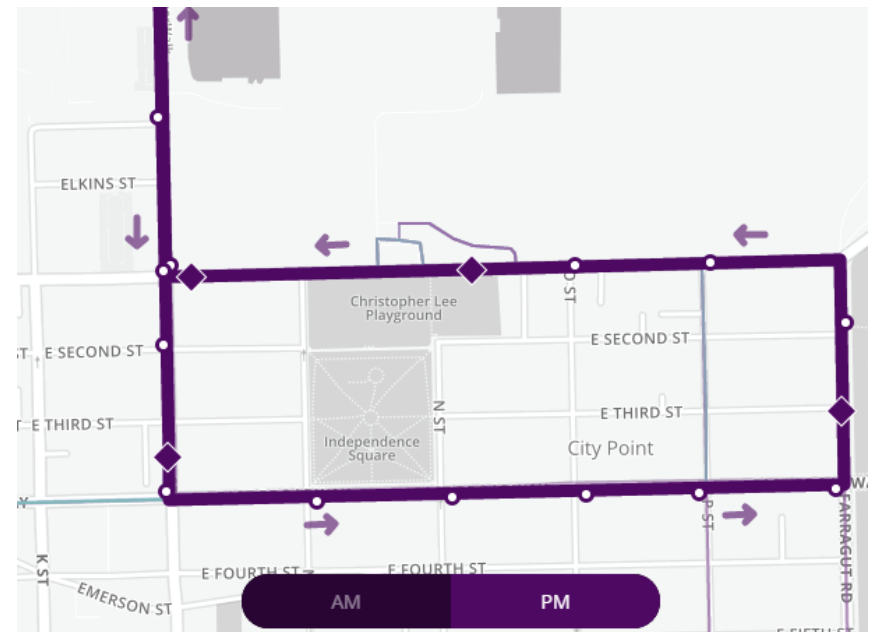
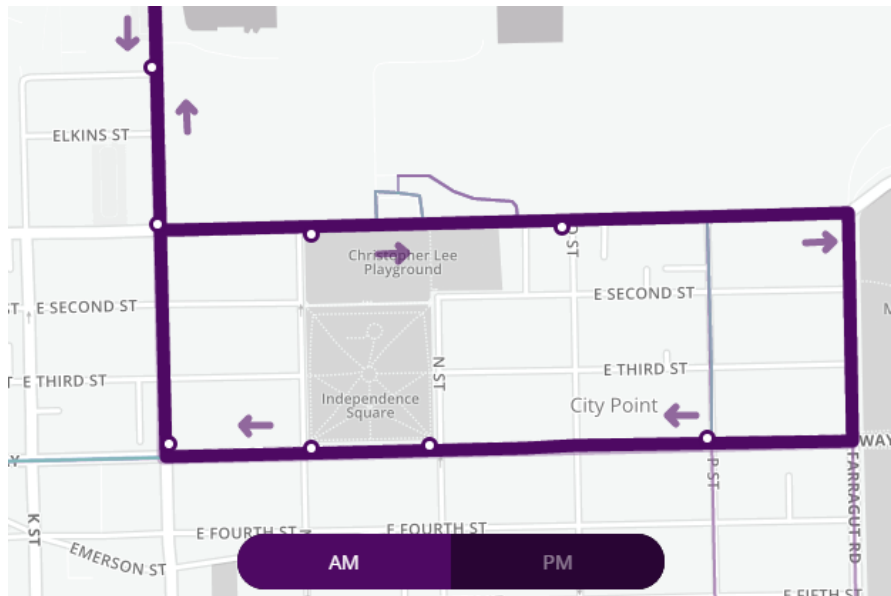
Routes	Riders (Per weekday)
5	112
7	4,355
9	5,616
10	2,960
11	2,901





Route 7: Peak Direction 1-Way Looping

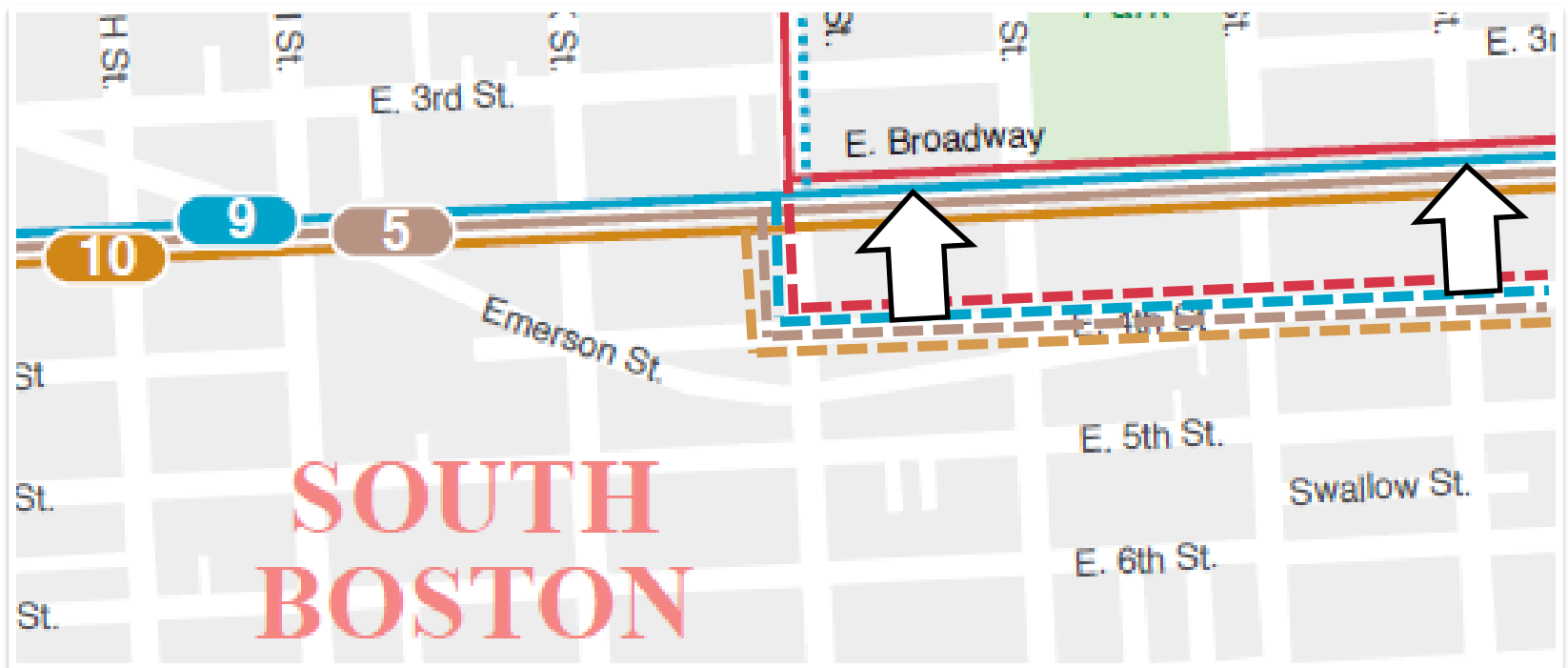
- **Benefits:** Reduces run time, improves frequency. Less “empty” buses on Broadway





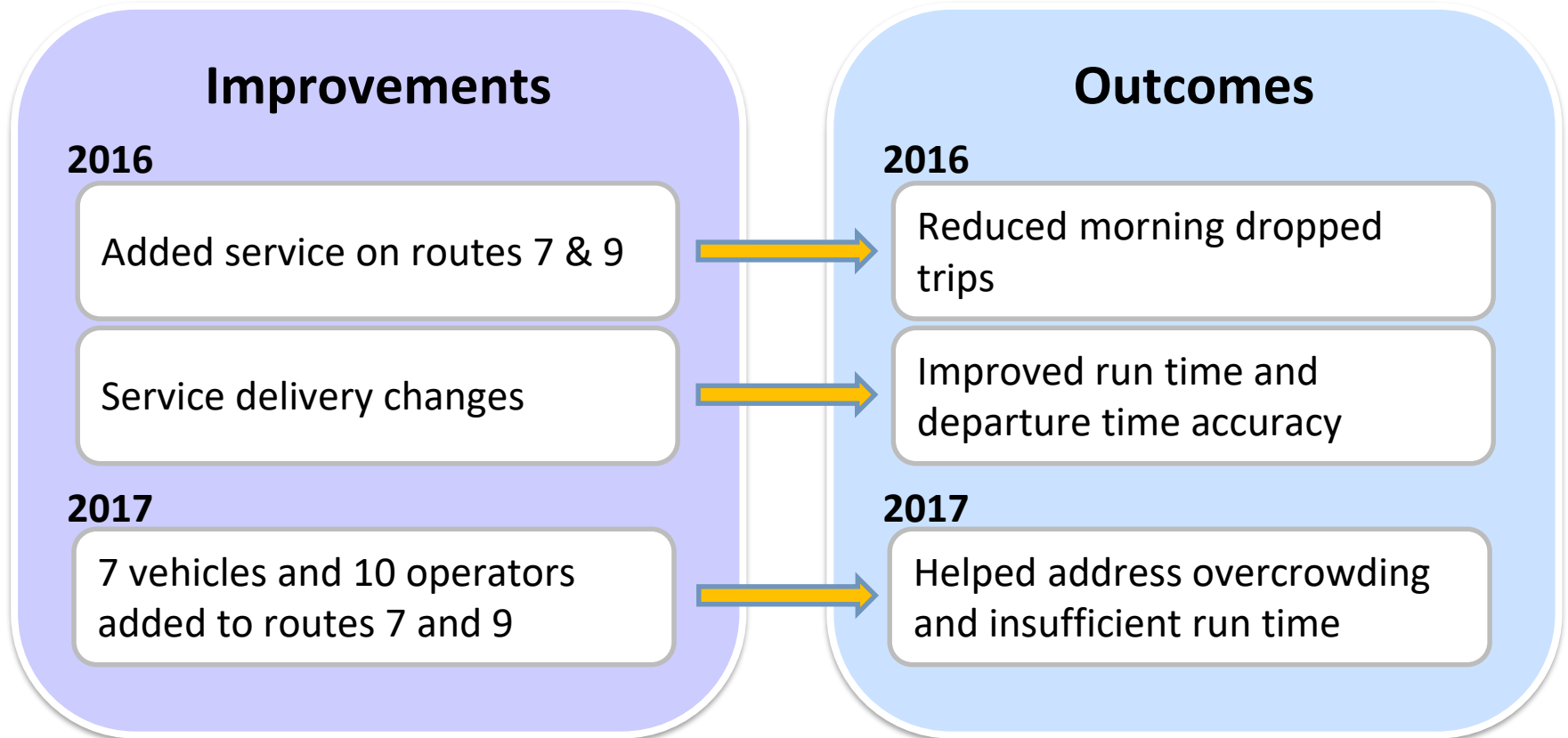
Shifted Routes from East 4th to Broadway

- Permanently shifted routes to Broadway
- Improved reliability, reduced delay
- Average travel times decreased 25%





Bus Improvements & Enhancements





City Point Terminal Enhancements

- Passenger terminal opened September 2017
- New platforms, customer shelters, lighting, security cameras, sidewalks





Changes in On-time Performance

Route #	September 2015 (%)	September 2016 (%)	September 2017 (%)	Change (%)
7	74	72	82	10
9	68	68	79	11

- Ridership up 2.6%
- Fewer complaints
- Less reported crowding





Proposed Improvements





Goals for Improving South Boston Service

Goals:

- Construct ADA compliant bus stops in South Boston
- Increase pedestrian safety
- Provide faster bus service
- Make bus service more reliable
- Improve the customer experience

Improvements Proposed:

- Ensure ADA compliance
- Optimize stops and locations
- Revise Routes
- Build dedicated bus lanes
- Upgrade traffic signals
- Construct curb-bulbs, bus shelters, and benches



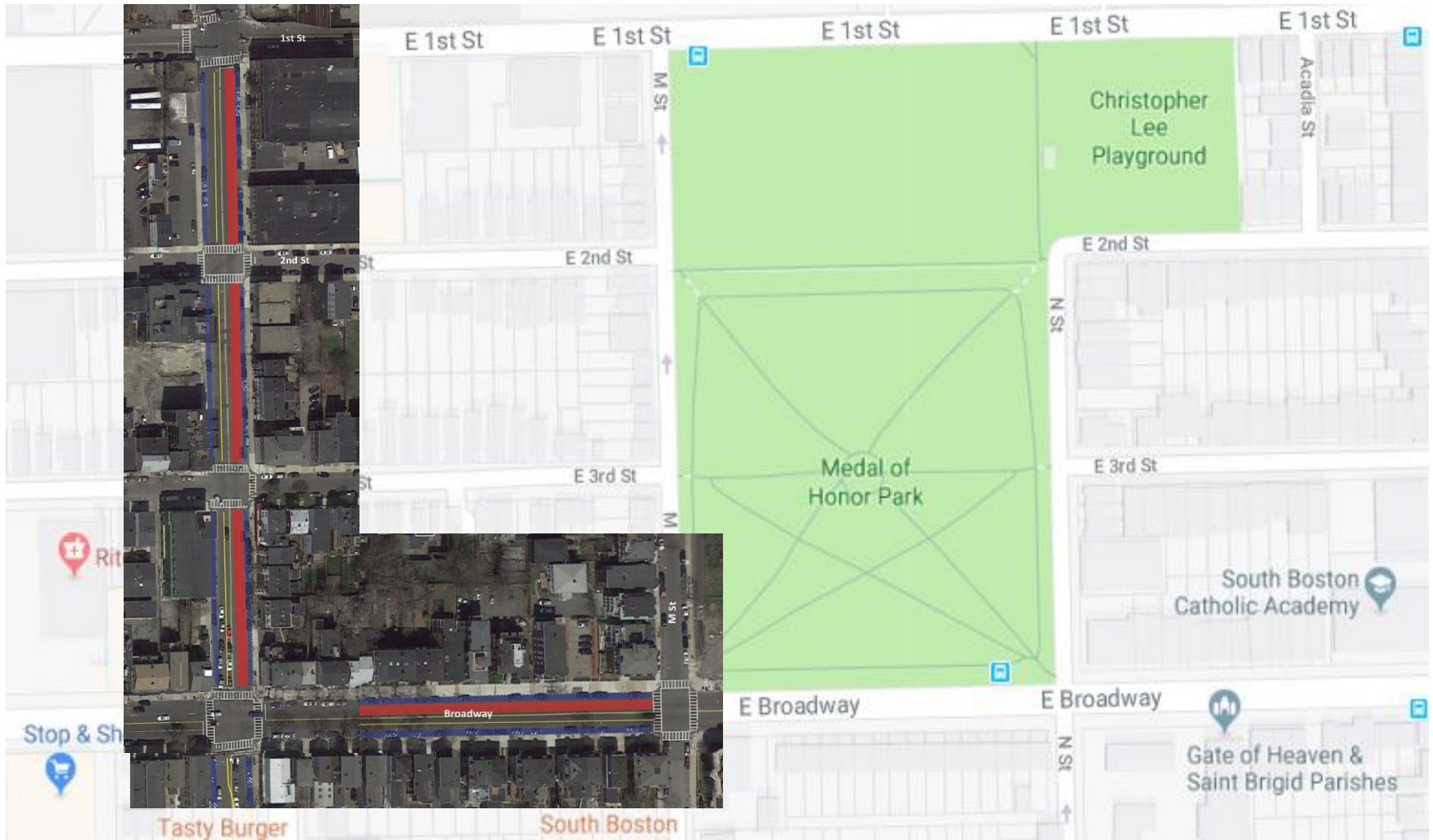
Potential Benefits from Improvements

Potential Benefits:

- Improves the flow of general traffic
- Faster bus trips:
 - *Bus trips to South Station are 11% faster*
 - *Bus trips to Broadway Station are 7% faster*
- Saves time:
 - *Route 7: Almost 2 minutes faster (~104 seconds)*
 - *Routes 5, 9, 10: Over 1 minute faster (~73 seconds)*
- More reliable service that's not stuck in traffic
- Stops will meet MBTA accessibility requirements
- Enhanced customer amenities at bus stops



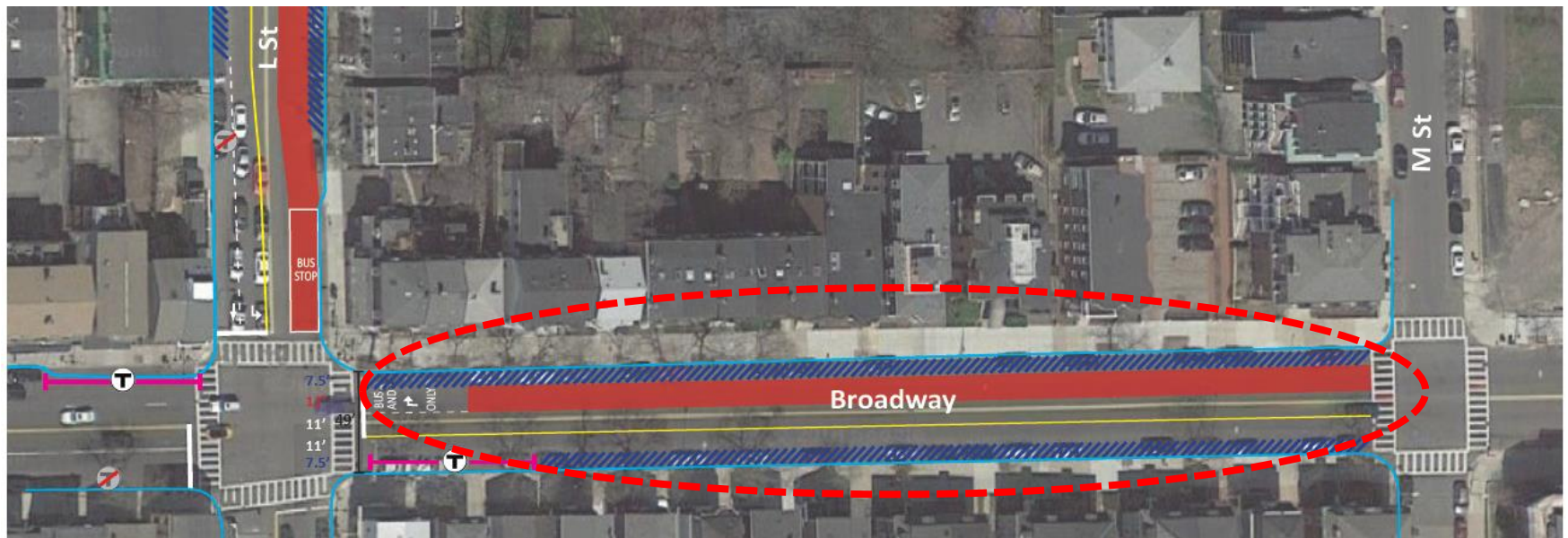
Proposed East Broadway & L Street Bus Lane





East Broadway from L to M Streets

- Dedicated bus lane proposed between L and M Streets
- No parking impacts from bus lane
- Estimated time saving is 1 minute per bus trip
- Improvements to general traffic flow at East Broadway/L Street intersection



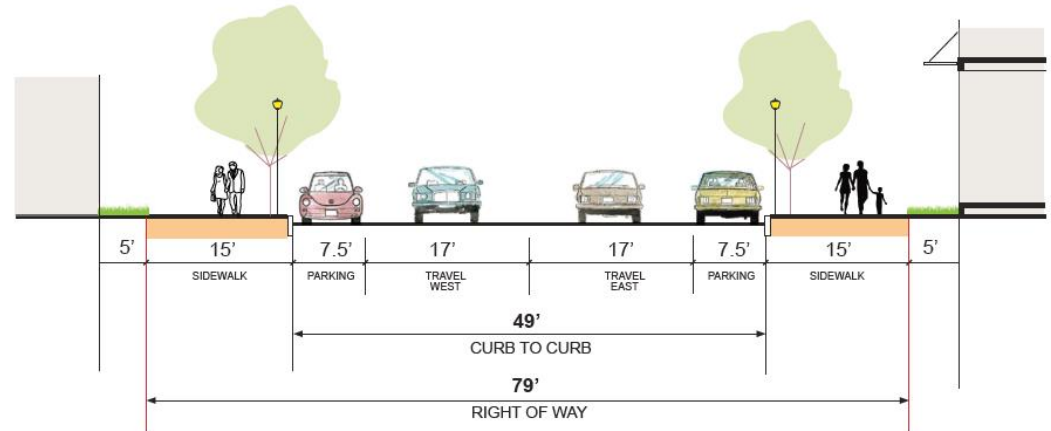


East Broadway from L to M Streets

BROADWAY FACING EAST
EXISTING CONDITIONS

Existing cross-section

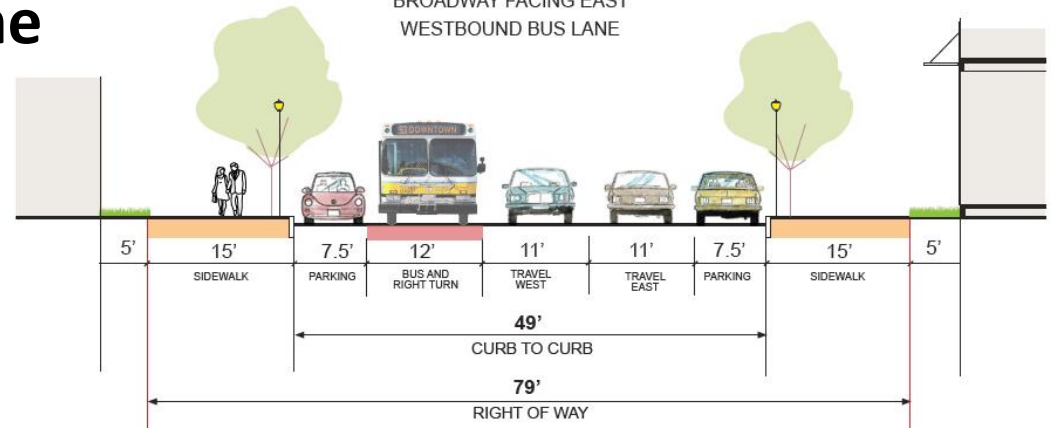
- 17 foot travel lanes
- Parking on each side



BROADWAY FACING EAST
WESTBOUND BUS LANE

Proposed with Bus Lane

- 11 foot travel lanes
- 12 foot bus lane
- Maintain parking on each side



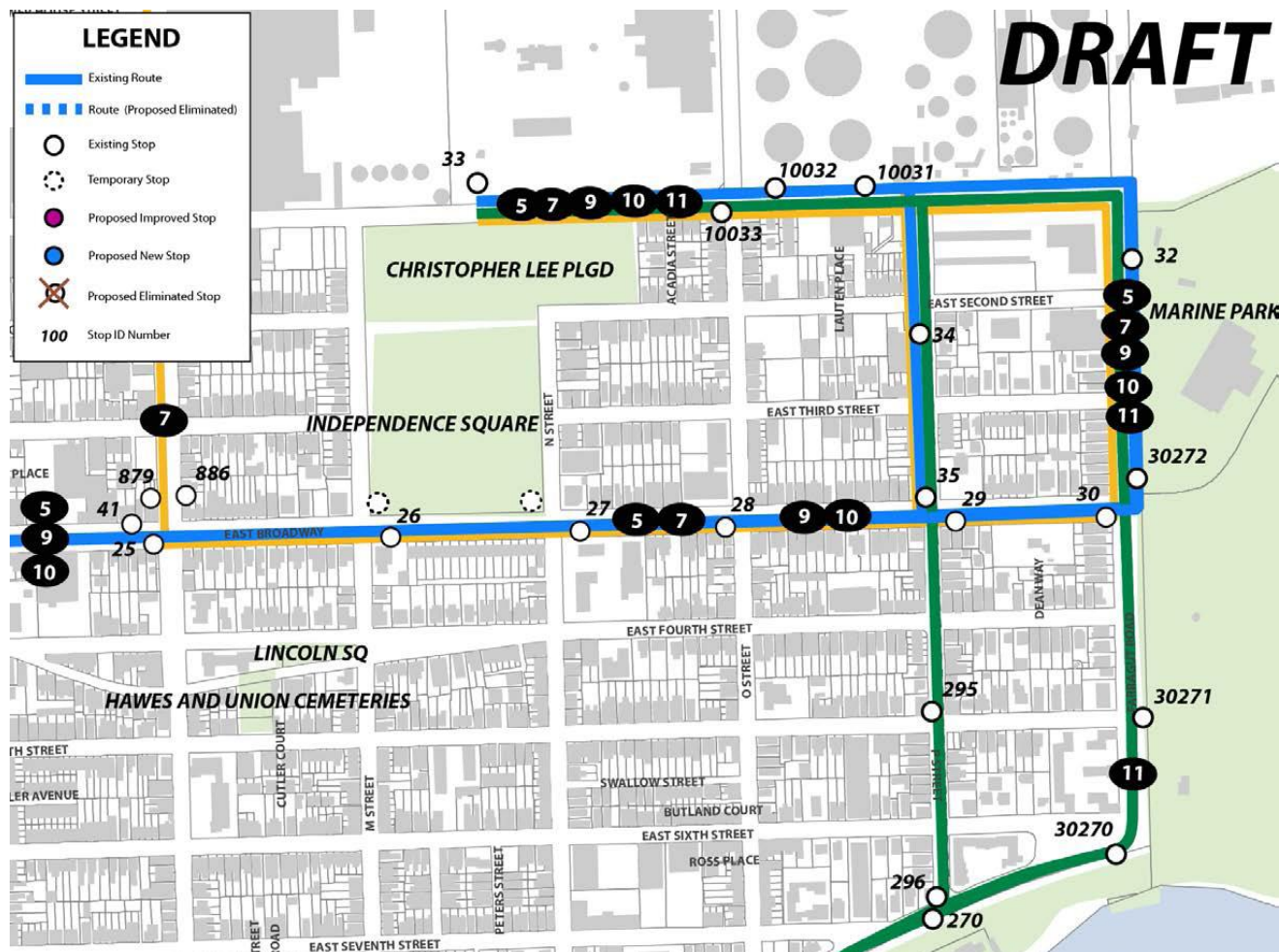
L Street from East Broadway to East First Street

- Dedicated bus lane proposed between East Broadway & East First Street
- No parking impacts from bus lane
- Estimated time saving is 30 seconds per bus trip
- Improvements to general traffic flow at East Broadway/L Street intersection





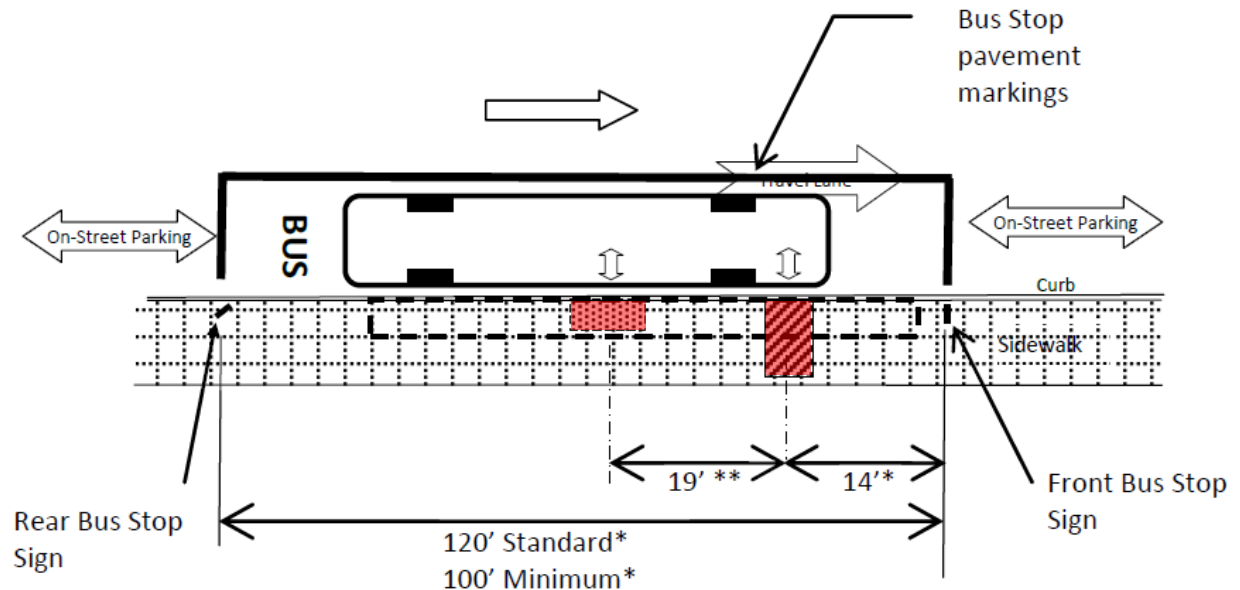
Routes and Stops: Today





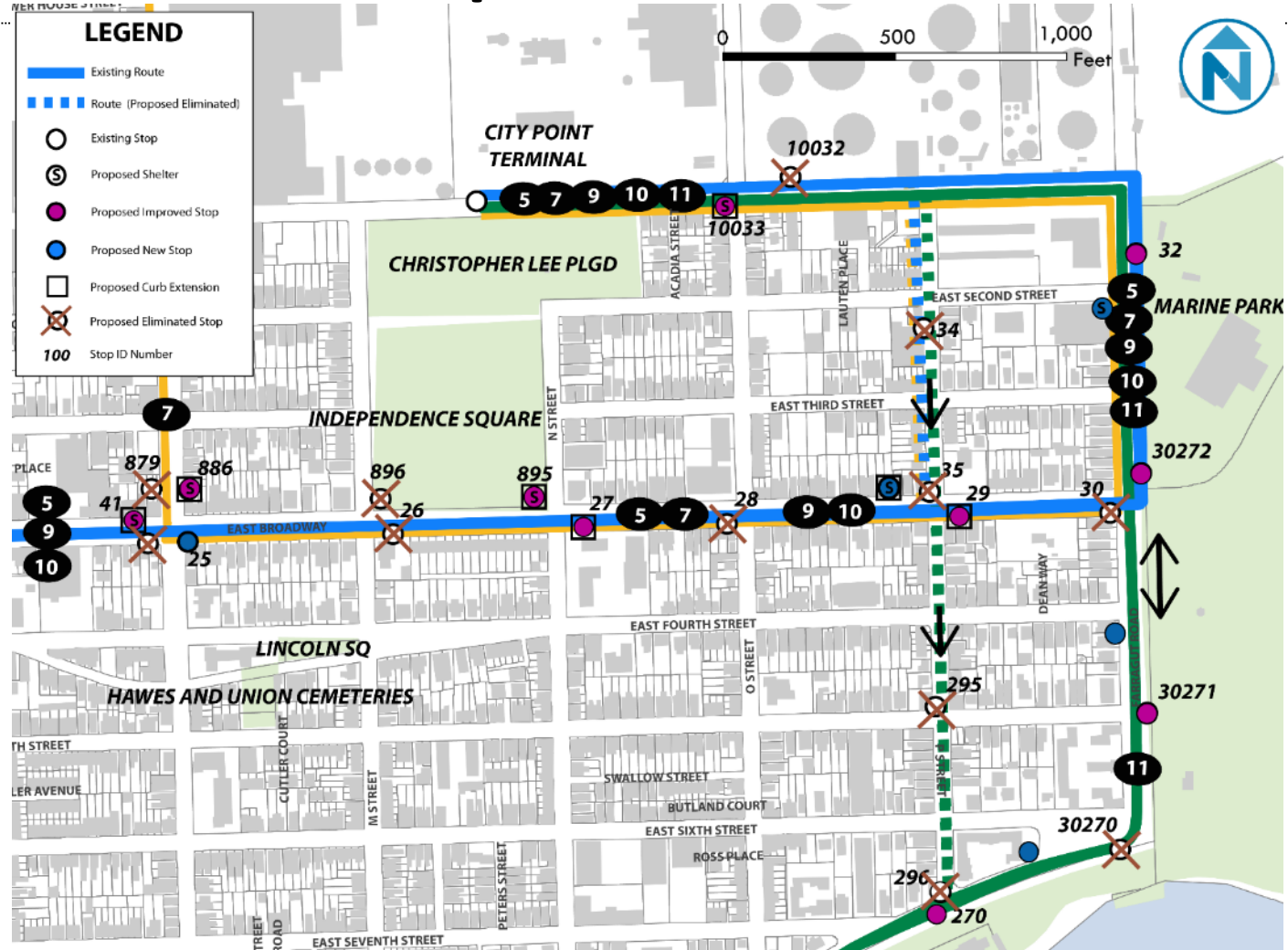
Improving Bus Stop Accessibility

- **Most South Boston bus stops are not accessible to seniors and persons with disabilities**
 - 30% of bus stops not long enough for buses to pull to the curb
 - 50% located along substandard width sidewalks (5'-8' wide)
 - Most do not have compliant crosswalks and pedestrian ramps
- **Project will:**
 - Lengthen bus stops
 - Reconstruct stops to meet accessibility and safety requirements
 - Provide min 5'x8' ADA Landing Pad
 - Provide min 10'x4' rear-door clear area





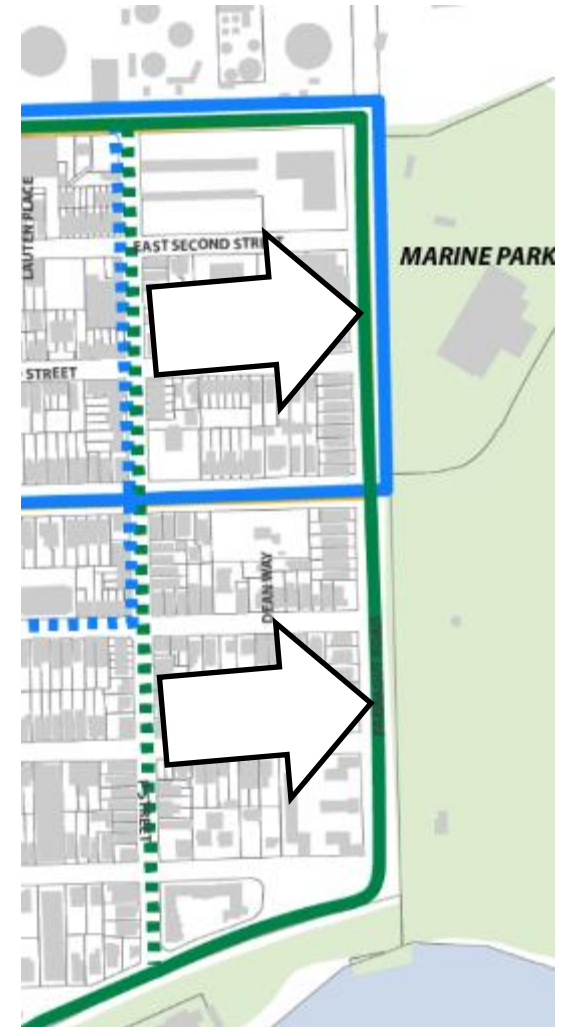
Planned New Stop Locations





Move P Street service to Farragut Road

- Farragut Road is a wider two-way street, allowing service to operate in both directions and reducing likelihood of delays.
- Service running on Farragut in both directions is more consistent and easier to understand.
- Sidewalks on both sides of Farragut are consistently 14' wide, while sidewalks on P Street are only 7' wide.
- Reviewed alternative to move service to Shore Road/Day Blvd, but significant operational and safety issues still exist.





Improving the Customer Experience

- Heavy ridership bus stops lack shelters and adequate sidewalk space



Curb Extensions & crosswalks



New Shelters



New Benches



New Signage



Street Parking Trade-offs

Improving bus stops and service will alter on-street parking

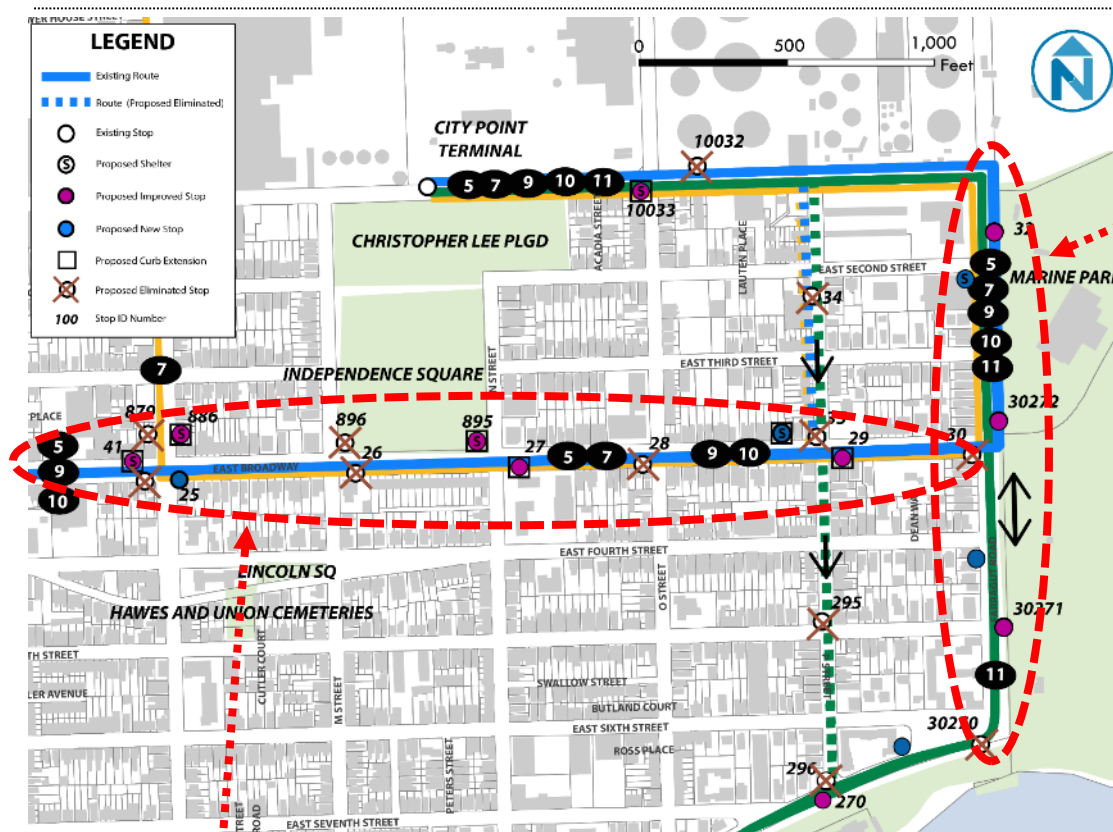
- Consolidating and removing bus stops too closely spaced will create additional parking spaces
- Lengthening bus stops to help buses pull to the curb may result in a loss of parking spaces

With longer bus stops:

- Buses can pull out of the traffic lane and not block traffic
- Boarding and debarking a bus will be safer and more accessible for all customers



Parking Impact Summary



On Broadway:

- No net loss of parking spaces



All South Boston Bus Stop Improvements

Stop Location	Direction		Boardings	New Shelter	New Curb Extension	Routes served
E FIRST ST @ O ST	IB	Access Upgrade	194	x		5,7,9,10,11
FARRAGUT RD @ E SECOND ST	IB	Relocated from P St.	149	x		5,7,9,10,11
E BROADWAY @ P ST	IB	Relocated from P St.	576	x	x	5,7,9,10
E BROADWAY @ N ST	IB	Relocated from M St.?	757	x	x	5,7,9,10
L ST @ E BROADWAY	IB	Access Upgrade	808	x	x	5,7,9,10
E BROADWAY @ L ST	IB	Access Upgrade	300	x	x	5,9,10
FARRAGUT RD @ E FOURTH ST	IB	Relocated from P St.	68			11
COLUMBIA RD @ E SIXTH ST	IB	Relocated from P St.	53			11
E BROADWAY @ L ST	OB	Relocated from L St	41		x	5,7,9,10
E BROADWAY @ N ST	OB	Relocated from O St	19		x	5,7,9,10
E BROADWAY @ P ST	OB	Access Upgrade	8		x	5,7,9,10
FARRAGUT RD @ E BROADWAY	OB	Access Upgrade	0			5,7,9,10,11
FARRAGUT RD OPP E SECOND ST	OB	Access Upgrade	1			5,7,9,10,11
COLUMBIA RD @ P ST	OB	Access Upgrade	1			11
FARRAGUT RD OPP E FIFTH ST	OB	Access Upgrade	0			11



Timeline for Improvements

City Point Neighborhood Meeting	April 10, 2018
Community Meeting at the Tynan School	May 2018
Finalize design of bus service enhancements	May 2018
Advertise for a construction contractor	June 2018
Start Construction	August 2018
Open Exclusive Bus Lane	September 2018
Shift Service to Farragut Street	Spring 2019
Completion of Stop Improvements	Summer 2019



Take-aways

- MBTA has made improvements and investments in South Boston Service
- We continue to be committed to improving service
- New stops will make service safer, faster, and accessible to those with special needs
- New bus lanes on Broadway and L Street will make your trip faster and more reliable

Questions??

Additional Concerns? Please contact the MBTA customer support

Phone:

617-222-3200

Internet:

www.mbta.com/customer-support

Mail:

MBTA
10 Park Plaza
Suite 5610
Boston, MA 02116



Backpocket Slides

Inbound & Outbound Stop Details

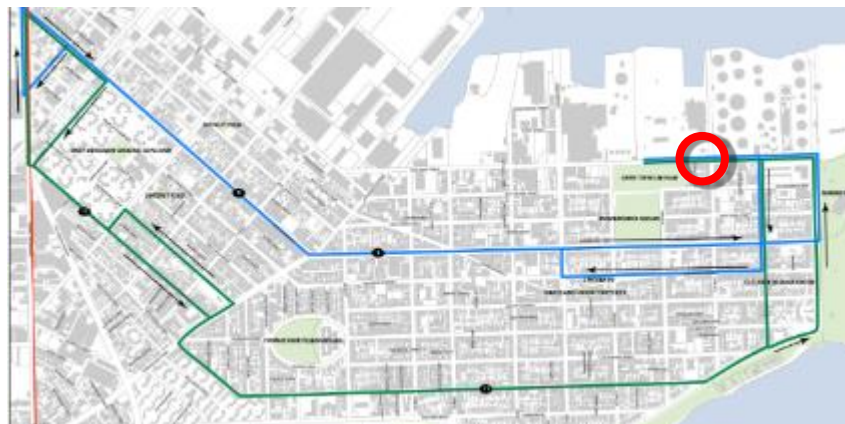
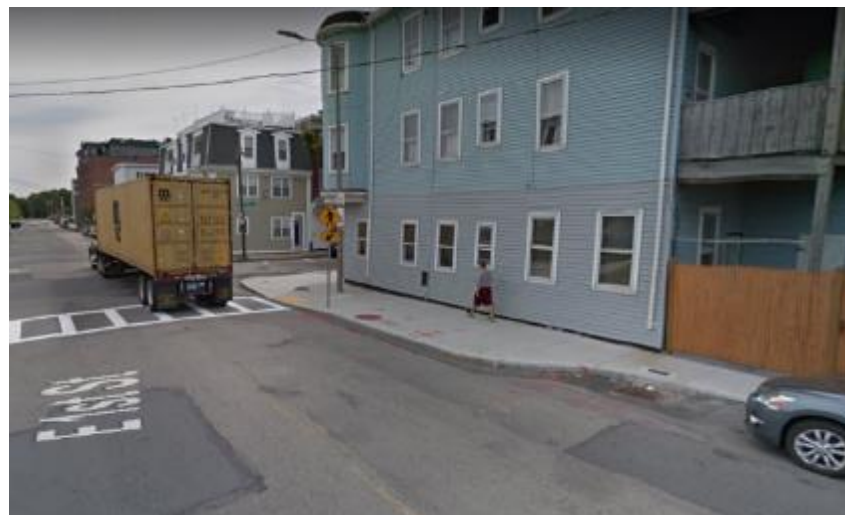
INBOUND STOPS





1st St & O St –Inbound (Routes 5, 7, 9, 10, 11)

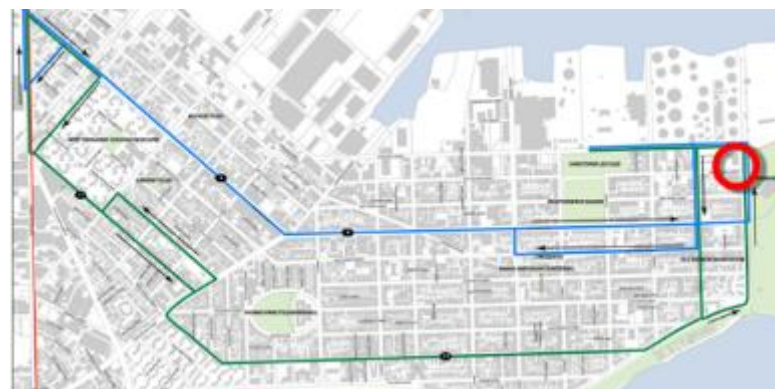
- Curb extension recently constructed
- New Shelter





Farragut Rd & 2nd St-Inbound (Routes 5, 7, 9, 10,11)

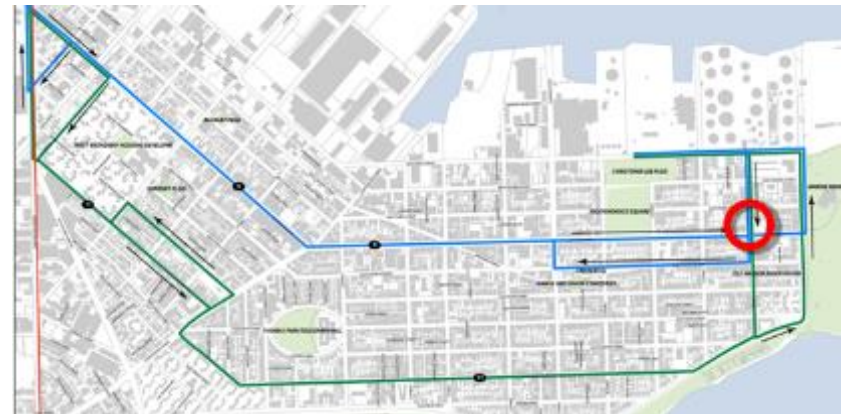
- New stop resulting from route shift. Formerly at P St @ 2nd.
- New Shelter





Broadway & P Street-Inbound (Routes 5, 7, 9, 10)

- New stop. Former stop relocated from P Street at Broadway
- New sidewalk and curb extension
- New bus shelter





Broadway & N St - Inbound (Routes 5, 7, 9, 10)

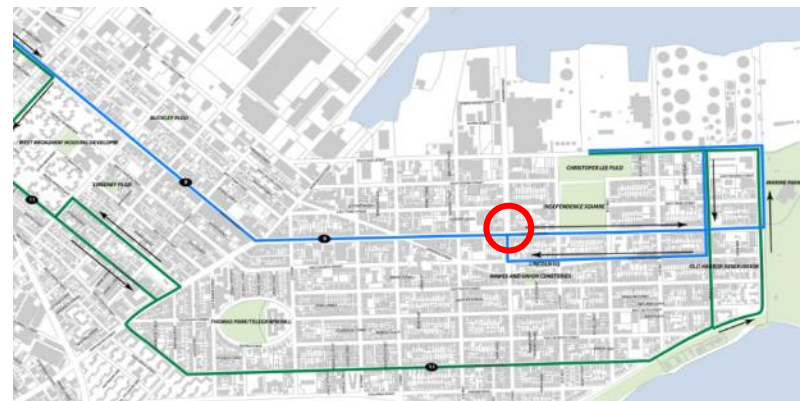
- New sidewalk and curb extension
- New bus shelter





L Street & Broadway - Inbound (Route 7)

- New Sidewalk & Curb Extension
- New Shelter





Broadway & L Street -Inbound (Routes 5, 9, 10)

- New sidewalk and Curb Extension
- New bus shelter





Farragut Road & 4th Street-Inbound (Route 11)

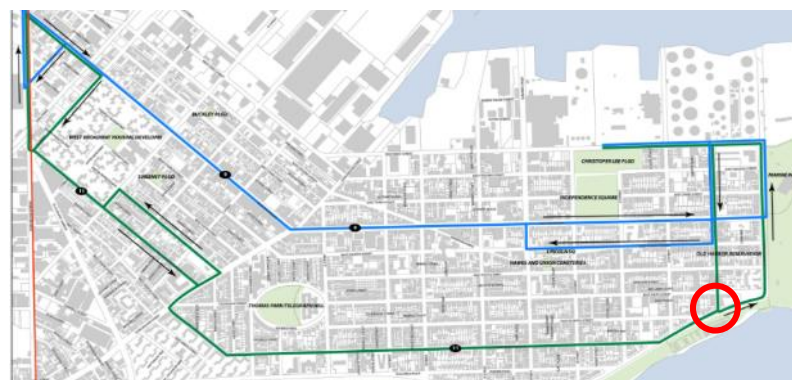
- Relocated from P St @ E 5th.
- Partial sidewalk reconstruction
- New crosswalks and pedestrian ramps





Columbia Rd @ E 6th – Inbound (Route 11)

- Relocated from P st @ Columbia.
- Partial sidewalk reconstruction



**OUTBOUND
STOPS**

The map displays the Silver Line SL2 Branch route in South Boston. Outbound stops are marked with blue circles containing the stop number. The route starts at City Point and travels west along the waterfront, then turns inland through the Dorchester Heights area, and finally heads south towards the Red Line at Andrew Station. Key streets shown include Summer St, Pappas Way, E 1st St through E 8th St, G St, H St, I St, K St, L St, M St, N St, O St, and William J. Day Blvd. Landmarks such as Harbor Industrial Park, Medal of Honor Park, and Dorchester Heights are also labeled.



E Broadway at L St– Outbound (Routes 5, 7, 9, 10)

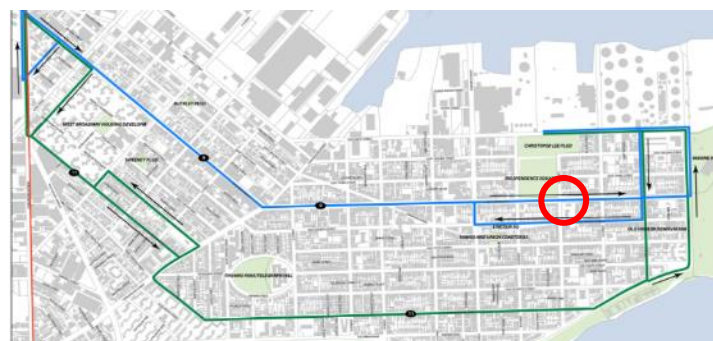
- Stop relocated from L Street
- Eliminates bus turn delay
- Accommodates bus lanes on Broadway and L Street





Broadway & N Street - Outbound (Routes 5, 7, 9, 10)

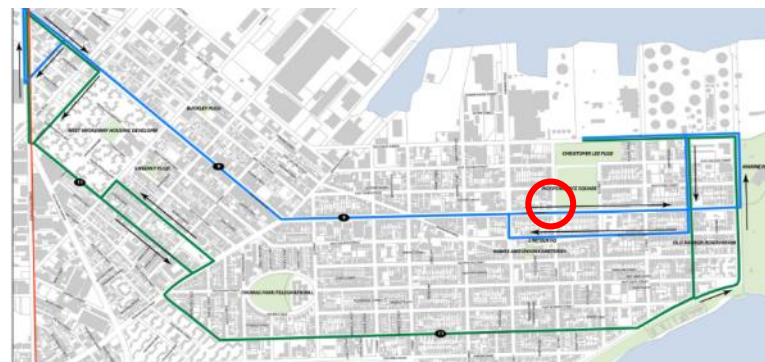
- New sidewalk and curb extension
- New Bus shelter





Broadway @ P St. – Outbound (Routes 5,7,9,10)

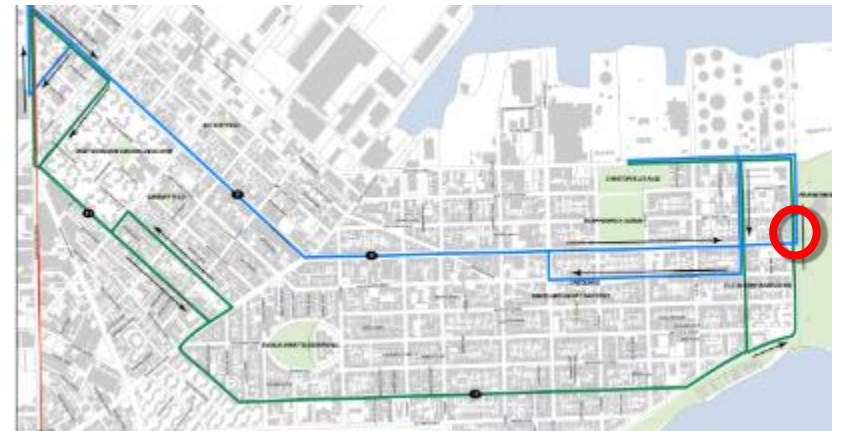
- New sidewalk and curb extension
- New Bus shelter





Farragut Road & Broadway-Outbound (Routes 5,7,9,10,11)

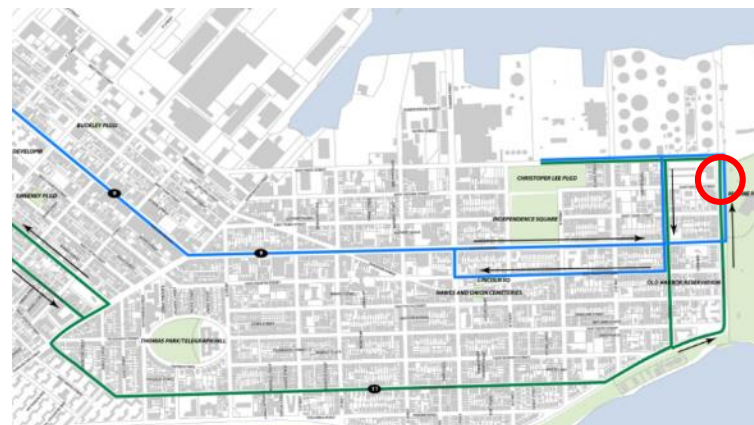
- Formerly on Broadway. Will now serve all routes





Farragut @ 2nd Outbound (Routes 5, 7, 9, 10, 11)

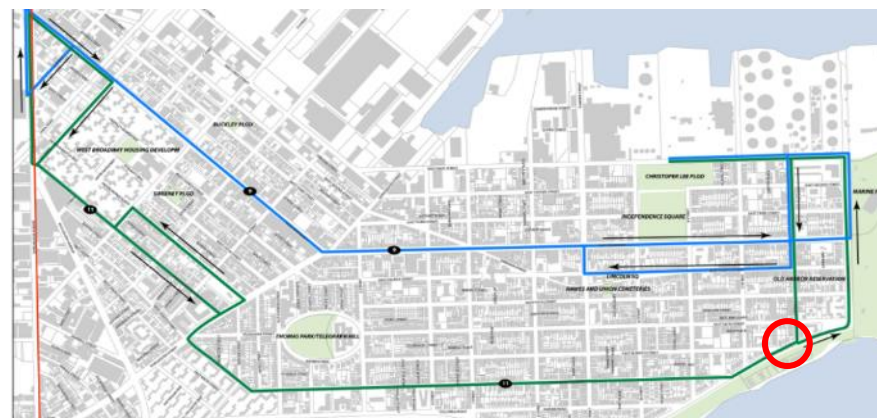
- Accessibility improvements





Columbia Rd @ P St – Outbound (Route 11)

- New sidewalk and accessibility improvements





Farragut Rd @ 5th St. Outbound (Route 11)

- New sidewalk and accessibility improvements

