

What It Is:

- Implementation and expansion of traveler information system within the South Boston Seaport; branding transit in the South Boston Seaport; service countdown clocks and public art at bus stops; more wayfinding signage to Silver Line and other transit stops; and ITS for motorists such as parking availability indicators.
- Transit information will be expanded to off-peak commuters and non-commute trip users

Travel time savings assumptions:

1-minute transit savings throughout South Boston Seaport

Strategies for New Connections

DRAFT CONCEPTS
ONLY

Strategy: New Bus Route - Andrew Sq. to Seaport Blvd. & Marine Park via South Boston Neighborhood and D St.





What It Does:

EXPAND	82
RELY	10
RESPECT	28
EQUALIZE	33
TOTAL	153

What It Takes:

\$	\$	\$
Low	Medium	Hiş







Short Term

Midterm

Long Term

What It Is:

- Creation of a new bus route connecting Andrew Square to Seaport Boulevard via D Street, operating in general purpose lanes with queue jumps at select intersections and transit-only treatment between First Street and Seaport Boulevard
- Circuit breaker for bus service on D Street between West 1st Street / West Second Street and West 9th Street / Old Colony Avenue
- Bus lanes will not replace existing bicycle accommodations
- Assumes 12-minute headways in peak hour and existing passenger fare rates
- Transit users experience a 5-minute travel time improvement from the direct bus, rather than riding to South Station and transferring to the Silver Line

Travel time savings assumptions:

5-minute savings from south to RLFMIP and Design Center

Strategy: Extend Private / Consolidated Shuttles on A St. to Broadway



What It Is:

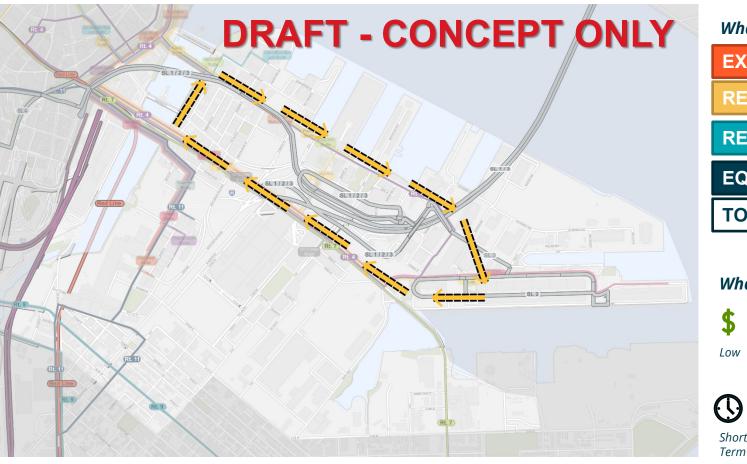
- Continuation of private and consolidated shuttle service to Broadway Station along A Street
- Shuttle services are assumed to begin at North Station and connection with South Station as well.
- Passengers coming from Red Line stations south of Broadway would see a decrease in travel time to the South Boston Seaport of ~8-10 minutes (time saved from riding Red Line to South Station and boarding shuttle there), assuming no changes to Red Line or additional changes to shuttle service. Passengers coming from elsewhere in the region will experience a ~10-minute delay caused by the extended route and increased headway times

Travel time savings assumptions:

8-minute savings from south; 10-minute increase for other users

Strategy: South Boston Seaport Circulator





What It Does:

EXPAND

RELY

RESPECT 28

EQUALIZE

TOTAL 95

What It Takes:

Medium





Short

Midterm Long Term

What It Is:

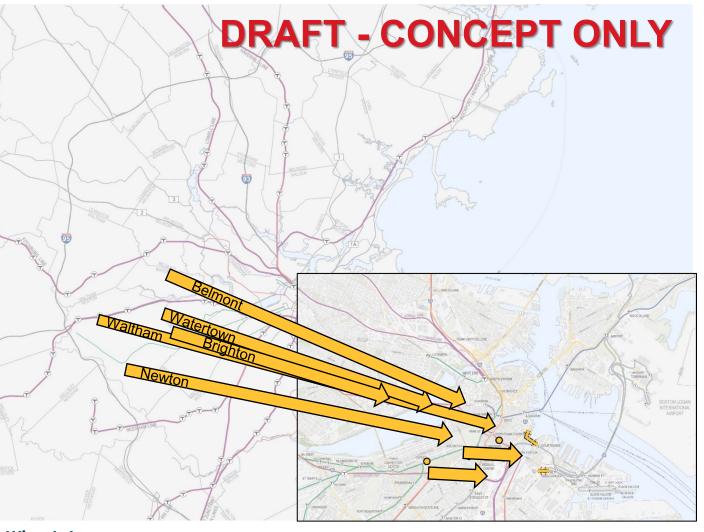
- Privately operated, publicly accessible circulating bus within South Boston Seaport, operating between 7 am and 7 pm with 10-minute headways (30 minute round-trip) during the peak hour and 20-minute headways in off-peak periods
- The Circulator provides a direct connection to the Silver Line at Courthouse Station and ferry service at
- Travel time savings of approximately 10 minutes within Seaport, on average, due to increased frequencies for service

Travel time savings assumptions:

10-minute savings for trips within route

Strategy: Extend MBTA Express Bus Service





What It Is:

- All 500-series MBTA bus routes which currently operate to the Financial District would be extended to South Station and down Summer Street towards Drydock Avenue, including the 501 (to/from Brighton), 504 (to/from Watertown Yard), 505 (to/from Waltham Center), 553 (to/from Brandeis), 554 (to/from Waverley), 556 (to/from Waltham Highlands), and 558 (to/from Riverside) routes.
- All existing stops will continue to be served
- Assumes layover space in South Boston Seaport is accommodated

What It Does:

EXPAND 55*

RELY 17

RESPECT

EQUALIZE 5

TOTAL 77

What It Takes:

\$

Low

\$

\$

Medi

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Medium

High

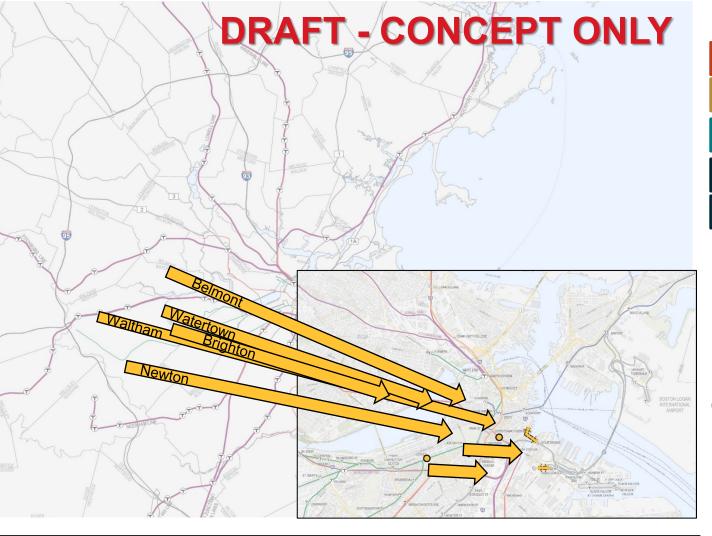
Short Term Midterm Long Term

Travel time savings assumptions:

5-minute savings to Congress St area; 10minute savings to RLFMIP

Strategy: Extend MBTA Express Bus Service





ID	Strategy	EXPAND	RELY	RESPECT	EQUALIZE	TOTAL
NC12.1	501 - Brighton	55	17	0	5	77
NC12.2	504 - Watertown Yard	55	17	0	5	77
NC12.3	505 - Waltham Center	55	17	0	5	77
NC12.4	553 - Brandeis	55	17	0	5	77
NC12.5	554 - Waverley	55	17	0	5	77
NC12.6	556 - Waltham Highlands	74	17	0	5	95
NC12.7	558 - Riverside	37	17	0	5	59

What It Does:

EXPAND	55 *
RELY	17
RESPECT	0
EQUALIZE	5
TOTAL	77

What It Takes:			
\$	\$	\$	
Low	Medium	High	
()			
Short	Mid-	Long	

Travel time savings assumptions:

term

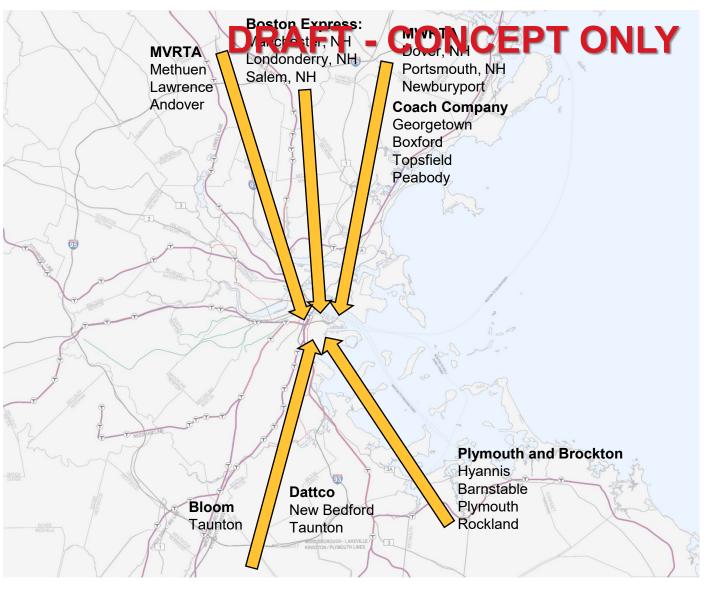
Term

Term

5-minute savings to Congress St area; 10minute savings to RLFMIP

Strategy: Extend Regional Transit Express Bus Services





What It Is:

Service operating along Congress St., Summer St., and Drydock Ave. incorporated into regional commuter shuttles shown above. Some services will have Seaport stops along Congress St. and Summer St before South Station. Others will continue along Summer St towards Drydock Ave. No changes will be made to existing timetables. Assumes layover space in South Boston Seaport is accommodated

What It Does:

EXPAND 42*

RELY 24*

RESPECT

EQUALIZE 5

TOTAL 71

What It Takes:

\$

\$

\$

Low

Medium

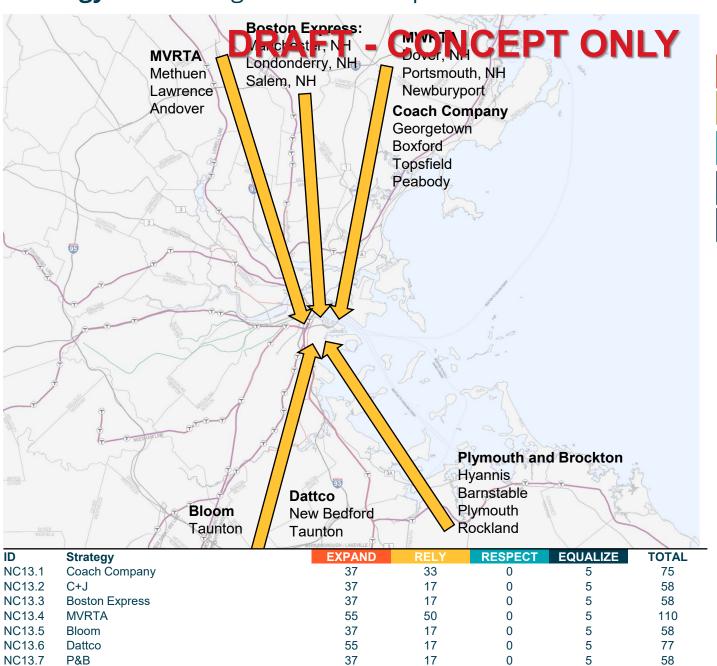
High

Short Term Midterm

Long Term

Strategy: Extend Regional Transit Express Bus Services





What It Does:

EXPAND

RELY 24*

RESPECT

EQUALIZE

TOTAL

What It Takes:

Low

Medium

High



Short Term

Mid-

term

Long **Term**

Strategy: Bus or Shuttle Connection from Central Square to





What It Is:

- Extension of MBTA Route 47 (or like service) to South Boston Seaport along A Street
- Service for the route would be similar to that of the SL5 (Washington Street) service, including service between eight and twelve minutes over the course of a weekday
- Introduction of transit lanes on Albany Street (NB only)
- Travel time savings from Nubian Square between 5-10 minutes to the Broadway and Fort Point areas
- Assumes bus will head EB on Congress to Silver Line Way

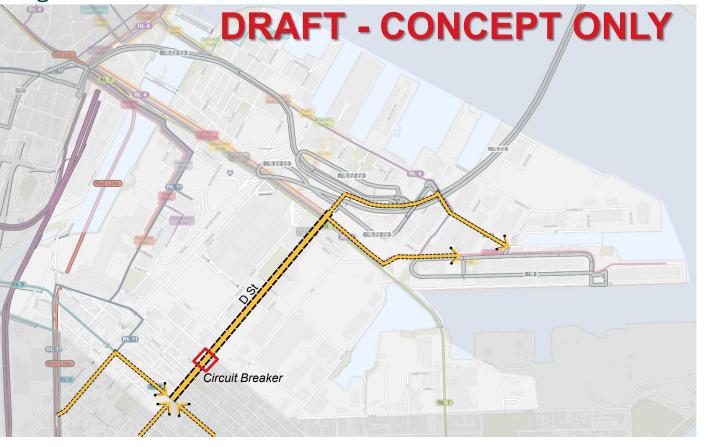
Travel time savings assumptions:

From Nubian Square

Broadway | -5m Fort Point | -7.5m Congress St/Courthouse | -10m

Strategy: Bus or Shuttle Connection from South Boston Neighborhood – Marine Park Connection via D St.





What It Does:

EXPAND	27
RELY	10
RESPECT	28
EQUALIZE	10
TOTAL	76

What It Takes:

\$	\$	
Low	Medium	









Short Term

Midterm

Long Term

What It Is:

- North / South Bus Service from Red Line / South Boston neighborhood / South Boston Seaport up D Street to Marine Park, operating in general purpose lanes with queue jumps at select intersections and transit-only treatment between First Street and Summer Street
- Circuit breaker for bus service on D Street between West 1st Street / West Second Street and West 9th Street / Old Colony Avenue
- Assumes 12-minute headways in peak hour and existing passenger fare rates

Travel time savings assumptions:

5-minute savings to North of Summer and 7.5 min savings to RLFMIP

Strategy: North Station – South Station – South Boston Seaport Direct Bus or Shuttle Service





What It Does:

EXPAND	73
RELY	33
RESPECT	17
EQUALIZE	61
TOTAL	184

What It Takes:

\$
Low

\$

\$

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Medium

9

Short Term Midterm

Long Term

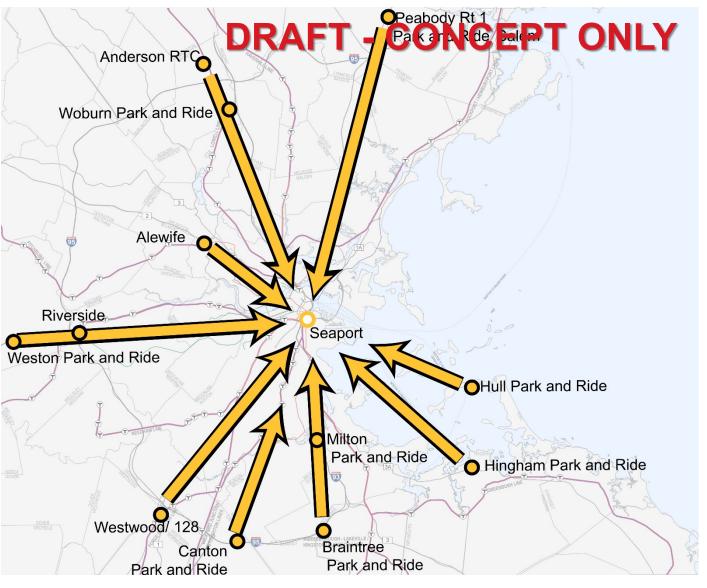
What It Is:

- Direct express service from North Station to South Boston Seaport with stops at State (Blue and Orange Line connections) and South Station (Commuter Rail and Red and Silver Lines connections)
- Bus service along bus-only route using Congress Street in Downtown Boston and Summer Street in the South Boston Seaport
- Travel time expected to be between 7 and 12 minutes
- Fare equal to existing bus service
- Assumes layover space in South Boston Seaport is accommodated

Travel time savings assumptions:

5-minute savings to North of Summer and RLFMIP

Strategy: Direct Bus or Shuttle Service to Regional Transportation Facilities



What It Is:

- Direct bus services would operate to Congress Street, World Trade Center Station, and the Raymond L. Flynn Marine Park from MassDOT/MBTA facilities above
- Services will operate every 30 minutes during peak periods and hourly during off-peak periods
- Assumes layover space in South Boston Seaport is accommodated

What It Does:

EXPAND	45*
RELY	15*
RESPECT	33
EQUALIZE	6*
TOTAL	100

What It Takes:









Short Term

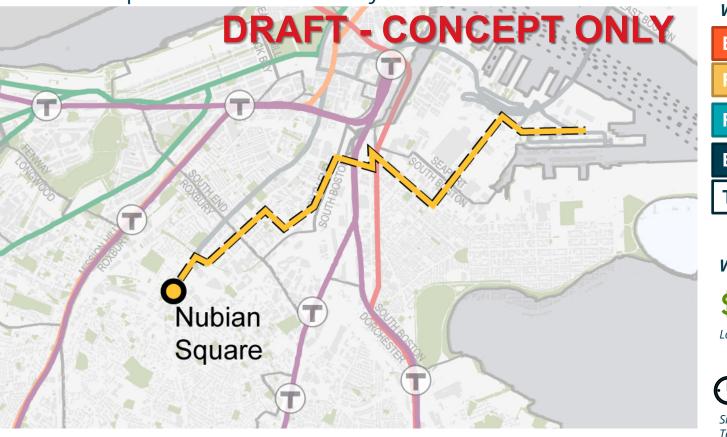
Midterm

Long n Term

Travel time savings assumptions:

5-minute savings to North of Summer and RLFMIP **Strategy:** Bus or Shuttle Connection from Nubian Square to South 9 Boston Seaport Link via Broadway





What It Does:

EXPAND	95
RELY	36
RESPECT	0
EQUALIZE	60
TOTAL	190

What It Takes:

\$	\$	\$
Low	Medium	High







Short Term

Midterm

Long Term

What It Is:

- Extension of the Route 47 service from Broadway Station along West Broadway, D Street, Summer Street, and Drydock Avenue
- Service for the route would be similar to that of the SL5 (Washington Street) service, including:
 - Service between eight and twelve minutes over the course of a weekday
 - Service between 5:00 AM and 1:00 AM

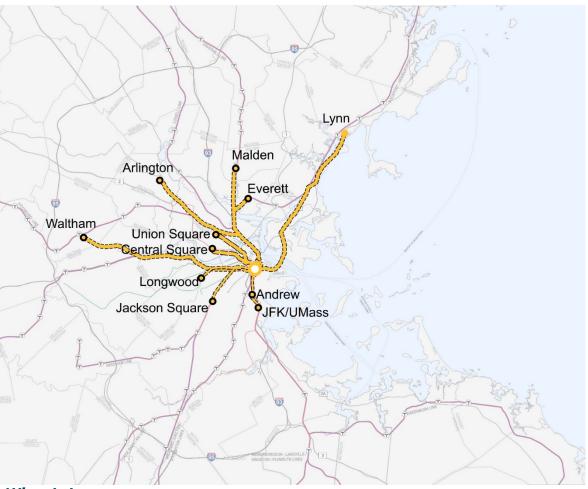
Travel time savings assumptions:

From Nubian Square

Broadway | -5m Fort Point | -8m

Strategy: Regional Bus or Shuttle Connections





What It Is:

- Direct bus services along Summer Street (for non-highway routes) and Congress Street (for highway routes) to the Raymond L. Flynn Marine Park from the following facilities:
 - Lynn Commuter Rail Station; Malden Center Orange Line Station and Everett City Hall; Arlington Center; The future site of the MBTA Union Square Green Line Station; Waltham Commuter Rail Station; Longwood D/E Branch Green Line Stations; Jackson Square Orange Line Station; JFK/UMass Red Line/Commuter Rail Station, and Andrew Red Line Station
- Services will operate every 30 minutes during peak periods and hourly during off-peak periods
 - Assumes layover space in South Boston Seaport is accommodated

What It Does:

EXPAND 51*

RELY 28*

RESPECT 17

EQUALIZE 5

TOTAL 101

What It Takes:









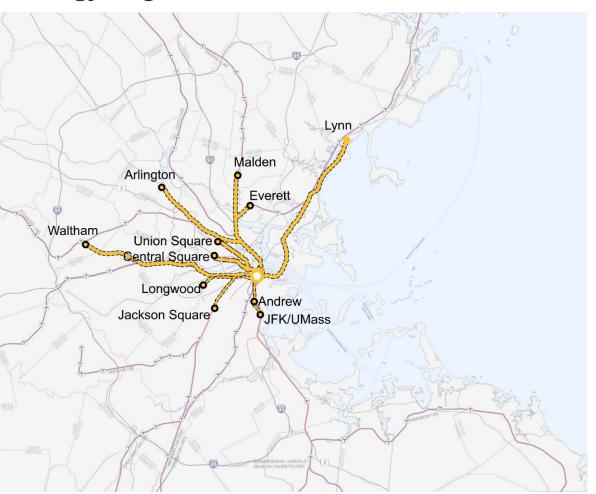
Short Term

Midterm

Long Term

Strategy: Regional Bus or Shuttle Connections





What It Does:

EXPAND	51*
RELY	28*
RESPECT	17
EQUALIZE	5
TOTAL	101

What It Takes:









Short Term Midterm Long Term

ID	Strategy	EXPAND	RELY	RESPECT	EQUALIZE	TOTAL
NC20.1	Lynn Service	73	17	17	5	112
NC20.2	Malden/Everett Service	37	33	17	5	92
NC20.3	Arlington Service	55	33	17	5	110
NC20.4	Union Square Service	92	33	17	5	147
NC20.5	Central Square Service	37	17	17	5	75
NC20.6	Waltham Service	55	17	17	5	93
NC20.7	Longwood Service	37	33	17	5	92

Strategies for Improved Service (Existing Transit)

DRAFT CONCEPTS
ONLY

Strategy: More Bus and Shuttle Service on A Street





What It Is:

- Increased service of MBTA bus routes and private shuttles on A Street to 5-min. headways (10-min today)
- Provide service for the Route 11 on A Street
- Assumes no roadway improvements, increased personal vehicle traffic, decreased roadway capacity, new transit routes, or changes to passenger fare
- Passengers destined for the Fort Point and Broadway report areas will experience a transit travel time improvement of 1 minute in the peak hour this accounts for congestion caused by the new bus and less wait time because of more frequent service. Vehicle travel time will increase by 30 seconds along A street due to more bus traffic

Travel time savings assumptions:

1-minute savings to Fort Point and Broadway; 30-second increase for motorists

Strategy: Expand Off-Peak Transit Service

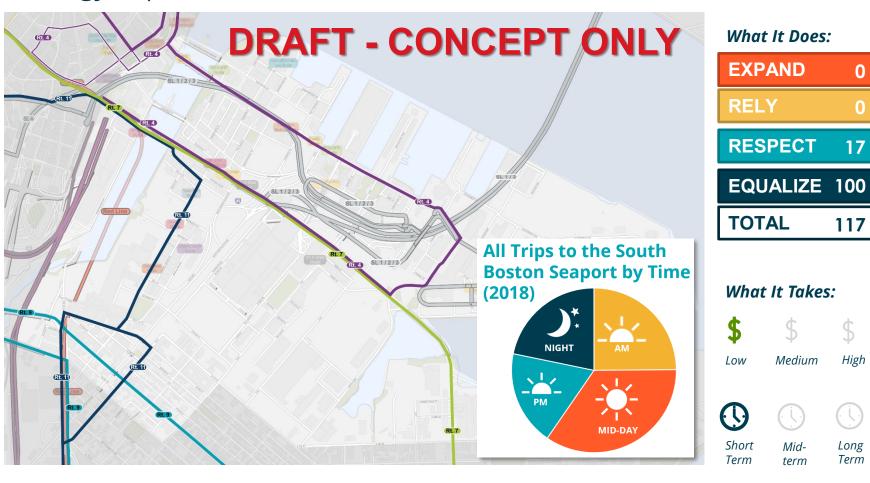


17

117

Long

Term

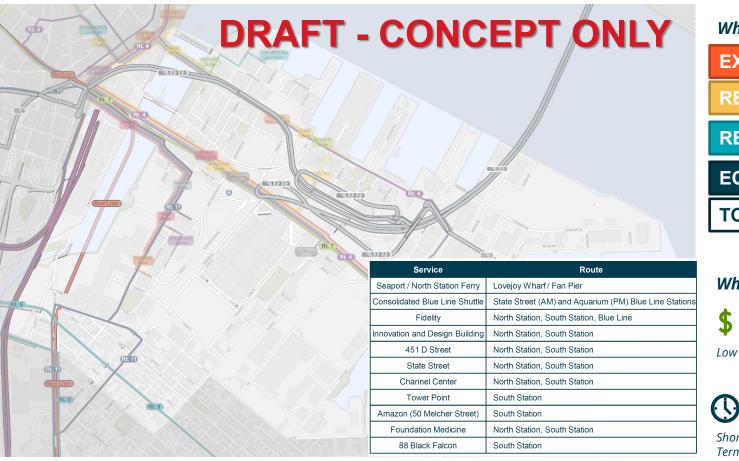


What It Is:

- Expansion of service of all transit during mid-day and night hours, as well as weekend service, to meet the needs of all South Boston Seaport employees and users
- Consistent transit service (headways similar to those during peak hours) to and within the South Boston Seaport between 6 am to 9 pm
- Span of service from 5A to 1A
- Assumes fares and routes remain the same
- Passengers from all communities' experience improvements in off-peak travel time (improvements vary by time of day and origin)

Strategy: Consolidate Private Shuttles





What It Does:

EXPAND	8
RELY	17
RESPECT	0
EQUALIZE	11
TOTAL	36

What It Takes:







Medium

Short Term

Midterm Long Term

What It Is:

- Consolidation of private shuttles offering service from North Station, South Station, and other downtown connections to the South Boston Seaport
- Streamlining private shuttle service to allow more frequent service and decrease redundant service causing congestion on roadways
- All passengers transit and vehicle, expected to see 2 minute travel time savings from the decrease in congestion
- Assumes equal number of vehicles

Travel time savings assumptions:

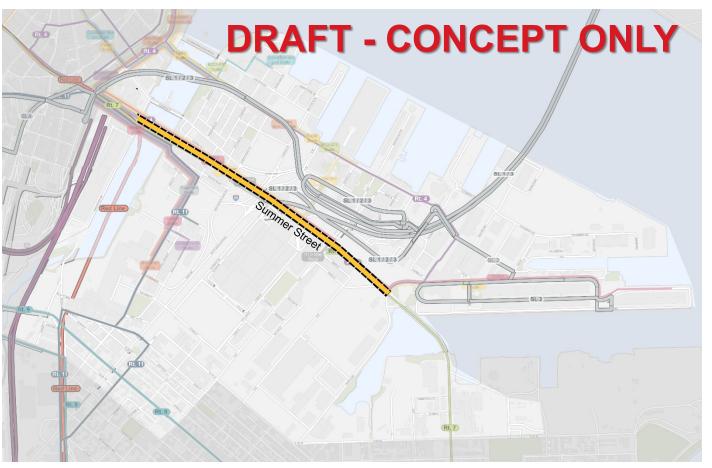
2-minute savings to North of Summer, Broadway, and RLFMIP for transit and motorists

Strategies for Transit Infrastructure



Strategy: Summer Street Bus Lanes





What It Does:

EXPAND	55
RELY	33
RESPECT	50
EQUALIZE	51
TOTAL	189

What It Takes:



Medium



Short Term

Midterm Long **Term**

What It Is:

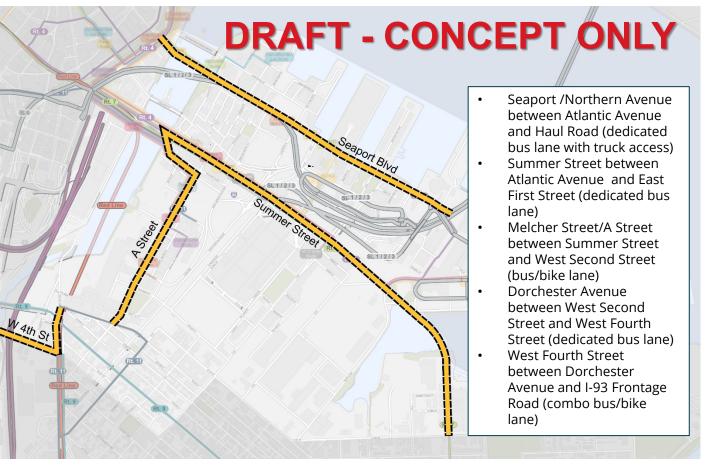
- Bi-directional, center median bus lanes along Summer Street, between Atlantic Avenue and Drydock Avenue/Pappas Way
- Existing bus stops along Summer Street will be assumed as the proximate locations for new stops, with no other new stops
- Existing MBTA bus services operating along Summer Street will use the bus lanes, with increased level of service due to bus-only lane

Travel time savings assumptions:

8-minute savings throughout South Boston Seaport; 10minute savings to **RLFMIP**

Strategy: Dedicated Transit Corridors





What It Does:

EXPAND 55

RELY

RESPECT 17

EQUALIZE 70

TOTAL 175

What It Takes:

Low

Medium





Short Term

Midterm

Long Term

What It Is:

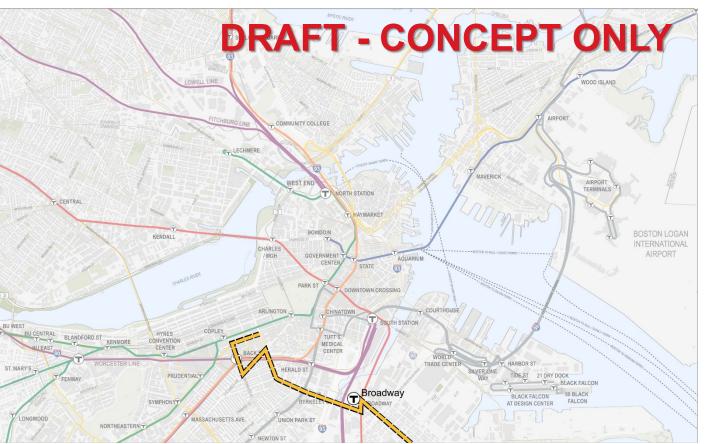
- Transit lanes introduced along each corridor, which will include:
 - Separation of bus travel from vehicular traffic, whether by curbs or paint
 - Removal of parking spaces where necessary
 - Transit queue jump lanes, consisting of a leading bus interval or active signal priority
 - Potential removal of vehicular traffic along affected roadways
- Buses will be assumed to travel 25 miles per hour along the length of the corridor, with a thirty second delay for each stop.
- Does not include any station enhancements.

Travel time savings assumptions:

8-minute savings for transit (10-minutes to RLFMIP) and 2-minute *increase for motorists* throughout South **Boston Seaport**

Strategy: Broadway Station Upgrades





What It Does:

EXPAND	0
RELY	17
RESPECT	67
EQUALIZE	5
ΤΟΤΔΙ	9.9

What It Takes:

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\$

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Low

Medium

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Short Term Midterm Long Term

What It Is:

- Improvements at Broadway Station to improve transit operations and promote pedestrian safety
- Elimination on the Foundry Street turnaround via the routing of a left turn from West Broadway to Dorchester Avenue or shifting of the bus stop to West Fourth Street
- Anticipated travel time savings 2 minutes for Route 9 inbound riders
- Headhouse improvements to improve wayfinding for bus-subway transfers
- New southern headhouses
- Improved pedestrian accommodations in the vicinity of the station

Travel time savings assumptions:

2-minute savings to Broadway from Route 9 report area inbound

Strategies for Better Access to Transit

DRAFT CONCEPTS
ONLY

Strategy: Improve Pedestrian Connections





What It Is:

- Improved pedestrian infrastructure around bus and Silver Line stops and ferry terminals
- Preserving Congress Street as a pedestrian thoroughfare
- Continued public infrastructure through developments
- Planting street trees
- Repairing and adding sidewalks

Strategy: Improve Bicycle Connections





What It Is:

- Expansion of Boston bike network in South Boston Seaport and South Boston residential neighborhood
- Improvements for bike connections to and from transit stops
- Protected bike lanes on Summer Street
- Mobility hubs at bus stops and more BlueBike stations
- Safe bike connections to North Station

Strategy: Improve Multimodal Transit Connections





What It Does:

EXPAND 27

RELY 33

RESPECT 39

EQUALIZE 50

TOTAL 150

What It Takes:

\$

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Low

Medium

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Long

Short Term

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Midterm

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What It Is:

- Increased mobility options (more BlueBike stations, scooters, and in the Broadway, Raymond L. Flynn Marine Industrial Park, and Southeast South Boston Seaport report areas (areas with lower transit mode share)
- Improved bus shelters for existing transit

Strategies for Policy and Information

DRAFT CONCEPTS
ONLY

Strategy: Wayfinding





What It Does:

EXPAND 6

RELY 50

RESPECT 56

EQUALIZE 55

What It Takes:

TOTAL



\$

\$

167

Low

Medium

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Short Term Midterm Long Term

What It Is:

- Implementation and expansion of traveler information system within the South Boston Seaport; branding transit in the South Boston Seaport; service countdown clocks and public art at bus stops; more wayfinding signage to Silver Line and other transit stops; and ITS for motorists such as parking availability indicators.
- Transit information will be expanded to off-peak commuters and non-commute trip users

Travel time savings assumptions:

1-minute transit savings throughout South Boston Seaport