

B

Service Planning

The following graphics show the line-level service concepts developed for each of the six alternatives developed as part of the systemwide alternatives analysis.

The graphics show the peak versus off-peak hour service, as well as highlighting the stopping patterns, overall travel times, and frequency of the proposed service on each line.



Alternative 1

Newburyport/Rockport Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Rockport Local	Newburyport Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min.	Every 30 Min.	
Rockport	● ●		2
Gloucester	● ●		2
West Gloucester	● ●		2
Manchester	● ●		2
Beverly Farms	● ●		2
Prides Crossing	● ●		2
Montserrat	● ●		2
Newburyport		● ●	2
Rowley		● ●	2
Ipswich		● ●	2
Hamilton/Wenham		● ●	2
North Beverly		● ●	2
Beverly	● ●	● ●	4
Salem	● ●	● ●	4
Swampscott	● ●	● ●	4
Lynn	● ●	● ●	4
River Works	● ●	● ●	4
Chelsea	● ●	● ●	4
North Station	● ●	● ●	4
Total Travel Time	83'	72'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Rockport Local	Newburyport Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	Every 60 Min.	
Rockport	●		1
Gloucester	●		1
West Gloucester	●		1
Manchester	●		1
Beverly Farms	●		1
Prides Crossing	●		1
Montserrat	●		1
Newburyport		●	1
Rowley		●	1
Ipswich		●	1
Hamilton/Wenham		●	1
North Beverly		●	1
Beverly	●	●	2
Salem	●	●	2
Swampscott	●	●	2
Lynn	●	●	2
River Works	●	●	2
Chelsea	●	●	2
North Station	●	●	2
Total Travel Time	83'	72'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Existing Station
- Hourly Service

Haverhill Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	Zonal Express Interline	TOTAL PEAK HOUR TRAINS
	Every 30 Min.	Every 30 Min.	
Haverhill		● ●	2
Bradford		● ●	2
Lawrence		● ●	2
Andover		● ●	2
Ballardvale	● ●	● ●	4
North Wilmington	● ●	● ●	2
Reading	● ●	● ●	2
Wakefield	● ●	● ●	2
Greenwood	● ●	● ●	2
Melrose Highlands	● ●	● ●	2
Melrose Cedar Park	● ●	● ●	2
Wyoming Hill	● ●	● ●	2
Malden Center	● ●	● ●	2
North Station	● ●	● ●	4
Total Travel Time	51'	59'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	Zonal Express Interline	TOTAL OFF-PEAK HOUR TRAINS
	Every 60 Min.	Every 60 Min.	
Haverhill		●	1
Bradford		●	1
Lawrence		●	1
Andover		●	1
Ballardvale	●	●	2
North Wilmington	●	●	1
Reading	●	●	1
Wakefield	●	●	1
Greenwood	●	●	1
Melrose Highlands	●	●	1
Melrose Cedar Park	●	●	1
Wyoming Hill	●	●	1
Malden Center	●	●	1
North Station	●	●	2
Total Travel Time	51'	59'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Lawrence Existing Station
- Hourly Service
- - - Hourly Interline Service

Lowell Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	Haverhill Interline	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min.	Every 30 Min.	
Haverhill		● ●	2
Lowell	● ●		2
North Billerica	● ●	Via Haverhill Line	2
Wilmington	● ●		2
Anderson/Woburn	● ●	● ●	4
Mishawum			0
Winchester Center	● ●		2
Wedgemere	● ●		2
West Medford	● ●		2
North Station	● ●	● ●	4
Total Travel Time	48'	59'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	Haverhill Interline	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	Every 60 Min.	
Haverhill		●	1
Lowell	●		1
North Billerica	●	Via Haverhill Line	1
Wilmington	●		1
Anderson/Woburn	●	●	2
Mishawum	★		0 ★
Winchester Center	●		1
Wedgemere	●		1
West Medford	●		1
North Station	●	●	2
Total Travel Time	48'	59'	

BI-DIRECTIONAL SERVICE

- ★ Three trains per day stop at Mishawum in each direction.
- Station Stop
- Lowell Existing Station
- Hourly Service
- - - Hourly Interline Service

Fitchburg Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Zonal Express	Local	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	Every 60 Min.	Every 60 Min.	
Wachusett	●	●		2
Fitchburg	●	●		2
N. Leominster	●	●		2
Shirley	●	●		2
Ayer	●	●		2
Littleton/495	●	●	●	3
S. Acton		●	●	2
W. Concord		●	●	2
Concord		●	●	2
Lincoln		●	●	2
Silver Hill		●	●	2
Hastings		●	●	2
Kendal Green		●	●	2
Brandeis/Roberts		●	●	2
Waltham		●	●	2
Waverly		●	●	2
Belmont		●	●	2
Porter Sq.	●	●	●	3
North Station	●	●	●	3
Total Travel Time	83'	102'	67'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	
Wachusett	●	1
Fitchburg	●	1
N. Leominster	●	1
Shirley	●	1
Ayer	●	1
Littleton/495	●	1
S. Acton	●	1
W. Concord	●	1
Concord	●	1
Lincoln	●	1
Silver Hill	●	1
Hastings	●	1
Kendal Green	●	1
Brandeis/Roberts	●	1
Waltham	●	1
Waverly	●	1
Belmont	●	1
Porter Sq.	●	1
North Station	●	1
Total Travel Time	102'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Littleton/495 Existing Station
- Hourly Service

Worcester Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Express	Zonal Express	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 70 Min.	Every 30-40 Min.	Every 35 Min.	
Worcester	●	● ●		3
Grafton		● ●		2
Westborough		● ●		2
Southborough		● ●		2
Ashland		● ●		2
Framingham		● ●	● ●	4
West Natick		● ●	● ●	4
Natick Center		● ●	● ●	4
Wellesley Square			● ●	2
Wellesley Hills			● ●	2
Wellesley Farms			● ●	2
Auburndale			● ●	2
W. Newton			● ●	2
Newtonville			● ●	2
Boston Landing			● ●	2
<i>West Station</i>			● ●	2
Lansdowne	●	● ●	● ●	5
Back Bay	●	● ●	● ●	5
South Station	●	● ●	● ●	5
Total Travel Time	67'	83'	57'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Express	Zonal Express	Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	Every 60 Min.	Every 60 Min.	
Worcester	●	●		2
Grafton		●		1
Westborough		●		1
Southborough		●		1
Ashland		●		1
Framingham	●	●	●	3
West Natick		●	●	2
Natick Center		●	●	2
Wellesley Square			●	1
Wellesley Hills			●	1
Wellesley Farms			●	1
Auburndale			●	1
W. Newton			●	1
Newtonville			●	1
Boston Landing			●	1
<i>West Station</i>			●	1
Lansdowne	●	●	●	3
Back Bay	●	●	●	3
South Station	●	●	●	3
Total Travel Time	70'	83'	57'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Framingham Existing Station
- West Station* Proposed New Station
- Hourly Service

Needham Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min. ←→	
Needham Heights	● ●	2
Needham Center	● ●	2
Needham Junction	● ●	2
Hersey	● ●	2
West Roxbury	● ●	2
Highland	● ●	2
Bellevue	● ●	2
Roslindale Village	● ●	2
Forest Hills	● ●	2
Ruggles	● ●	2
Back Bay	● ●	2
South Station	● ●	2
Total Travel Time	47'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	
Needham Heights	●	1
Needham Center	●	1
Needham Junction	●	1
Hersey	●	1
West Roxbury	●	1
Highland	●	1
Bellevue	●	1
Roslindale Village	●	1
Forest Hills	●	1
Ruggles	●	1
Back Bay	●	1
South Station	●	1
Total Travel Time	47'	

BI-DIRECTIONAL SERVICE

- Station Stop
- West Roxbury Existing Station
- Hourly Service

Franklin Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	Local Interline	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	Every 60 Min.	
Forge Park/495	●	●	2
Franklin	●	●	2
Norfolk	●	●	2
Walpole	●	●	2
Plimptonville	★		0 ★
Windsor Gardens	●	●	2
Norwood Central	●	●	2
Norwood Depot	●	●	2
Islington	●	●	2
Dedham Corp Ctr	●	●	2
Endicott	●	●	2
Readville	●	●	2
Ruggles	●	●	1
Back Bay	●	●	1
South Station	●	●	2
Total Travel Time	67'	80'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	
Forge Park/495	●	1
Franklin	●	1
Norfolk	●	1
Walpole	●	1
Plimptonville		0
Windsor Gardens	●	1
Norwood Central	●	1
Norwood Depot	●	1
Islington	●	1
Dedham Corp Ctr	●	1
Endicott	●	1
Readville	●	1
Ruggles	●	1
Back Bay	●	1
South Station	●	1
Total Travel Time	67'	

BI-DIRECTIONAL SERVICE

★ One train per day stops at Plimptonville.

● Station Stop

Norwood Central Existing Station

— Hourly Service

- - - Hourly Interline Service

Fairmount Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	Local Interline	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	Every 60 Min.	
		Via Franklin Line	
Readville	●	●	2
Fairmount	●	●	2
Blue Hill Ave.	●	●	2
Morton St.	●	●	2
Talbot Ave.	●	●	2
Four Corners/Geneva	●	●	2
Uphams Corner	●	●	2
Newmarket	●	●	2
South Station	●	●	2
Total Travel Time	32'	32'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	
Readville	●	1
Fairmount	●	1
Blue Hill Ave.	●	1
Morton St.	●	1
Talbot Ave.	●	1
Four Corners/Geneva	●	1
Uphams Corner	●	1
Newmarket	●	1
South Station	●	1
Total Travel Time	32'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Talbot Ave. Existing Station
- Hourly Service
- - - Hourly Interline Service

Providence/Stoughton Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Providence Local	Stoughton Local	Amtrak Regional	Amtrak Acela	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min.	Every 30 Min.	Every 60 Minutes	Every 60 Minutes	
Wickford Jct.	●		↑	↑	1
TF Green	●				1
Providence	●		●	●	2+2
<i>Pawtucket</i>	●				2
S. Attleboro	●				2
Attleboro	●				2
Mansfield	●				2
Sharon	●				2
Stoughton		●			2
Canton Center		●			2
Canton Jct.		●			2
Route 128	●	●	●	●	4+2
Hyde Park	●	●			2
Ruggles	●	●			4
Back Bay	●	●	●	●	4+2
South Station	●	●	●	●	4+2
Total Travel Time	107' 77'	42'	Varies	Varies	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Providence Local	Stoughton Local	Amtrak Regional	Amtrak Acela	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	Every 60 Min.	Every 60 Minutes	Every 60 Minutes	
Wickford Jct.	●		↑	↑	1
TF Green	●				1
Providence	●		●	●	1+2
<i>Pawtucket</i>	●				1
S. Attleboro	●				1
Attleboro	●				1
Mansfield	●				1
Sharon	●				1
Stoughton		●			1
Canton Center		●			1
Canton Jct.		●			1
Route 128	●	●	●	●	2+2
Hyde Park	●	●			1
Ruggles	●	●			2
Back Bay	●	●	●	●	2+2
South Station	●	●	●	●	2+2
Total Travel Time	107'	42'	Varies	Varies	

BI-DIRECTIONAL SERVICE

- Station Stop
- Providence Existing Station
- *Pawtucket* Proposed New Station
- Hourly Service
- Amtrak Service

Fall River/New Bedford Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Fall River Local	New Bedford Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Approx. Every 90 Min.	Approx. Every 90 Min.	
<i>Fall River</i>	●		0-1
<i>Freetown</i>	●		0-1
<i>New Bedford</i>		●	0-1
<i>North New Bedford</i>		●	0-1
<i>East Taunton</i>	●	●	1-2
<i>Middleborough</i>	●	●	1-2
Bridgewater	●	●	1-2
Campello	●	●	1-2
Brockton	●	●	1-2
Montello	●	●	1-2
Holbrook/Randolph	●	●	1-2
Braintree	●	●	1-2
Quincy Center			0
JFK/UMass	●	●	1-2
South Station	●	●	1-2
Total Travel Time	88'	89'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Fall River Local	New Bedford Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Varied	Varied	
<i>Fall River</i>	●		0-1
<i>Freetown</i>	●		0-1
<i>New Bedford</i>		●	0-1
<i>North New Bedford</i>		●	0-1
<i>East Taunton</i>	●	●	0-1
<i>Middleborough</i>	●	●	0-1
Bridgewater	●	●	0-1
Campello	●	●	0-1
Brockton	●	●	0-1
Montello	●	●	0-1
Holbrook/Randolph	●	●	0-1
Braintree	●	●	0-1
Quincy Center			0
JFK/UMass	●	●	0
South Station	●	●	0-1
Total Travel Time	88'	89'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Brockton Existing Station
- *New Bedford* Proposed New Station
- Approx. Hourly Service
- Periodic Service

Kingston/Plymouth Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Approx. Every 45 Min.	
Plymouth		0
Kingston	●	1-2
Halifax	●	1-2
Hanson	●	1-2
Whitman	●	1-2
Abington	●	1-2
South Weymouth	●	1-2
Braintree	●	1-2
Quincy Center		0
JFK/UMass	●	1-2
South Station	●	1-2
Total Travel Time	59'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Approx. Every 120 Min.	
Plymouth	●★	0-1
Kingston	●★	0-1
Halifax	●	1
Hanson	●	1
Whitman	●	1
Abington	●	1
South Weymouth	●	0-1
Braintree	●	0-1
Quincy Center		0
JFK/UMass		0
South Station	●	0-1
Total Travel Time	59'	

BI-DIRECTIONAL SERVICE

- ★ Approximately half of trains stop at Kingston and half of trains stop at Plymouth during off-peak periods. Some trains stop at both stations.
- Station Stop
- Kingston Existing Station
- Approx. Hourly Service
- Approx. Bi-Hourly Service

Greenbush Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Approx. Every 45 Min.	
Greenbush	●	1-2
North Scituate	●	1-2
Cohasset	●	1-2
Nantasket Jct.	●	1-2
West Hingham	●	1-2
East Weymouth	●	1-2
Weymouth Landing/ East Braintree	●	1-2
Quincy Center	●	1-2
JFK/UMass	●★	0-1
South Station	●	1-2
Total Travel Time	59'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Approx. Every 120 Min.	
Greenbush	●	0-1
North Scituate	●	0-1
Cohasset	●	0-1
Nantasket Jct.	●	0-1
West Hingham	●	0-1
East Weymouth	●	0-1
Weymouth Landing/ East Braintree	●	0-1
Quincy Center	●	0-1
JFK/UMass	●	0
South Station	●	0-1
Total Travel Time	59'	

BI-DIRECTIONAL SERVICE

- ★ Approximately half of trains stop at JFK/UMass during peak period.
- Station Stop
- Greenbush Existing Station
- Approx. Hourly Service
- Approx. Bi-Hourly Service

Alternative 2

Newburyport/Rockport Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Rockport Local	Rockport Express	Newburyport Local	Newburyport Express	TOTAL PEAK HOUR TRAINS
	Every 60 Min.	Every 60 Min.	Every 60 Min.	Every 60 Min.	
Rockport	●	●			2
Gloucester	●	●			2
West Gloucester	●				1
Manchester	●				1
Beverly Farms	●				1
Prides Crossing	●				1
Montserrat	●				1
Newburyport			●	●	2
Rowley			●		1
Ipswich			●		1
Hamilton/Wenham			●		1
North Beverly			●		1
Beverly	●	●	●	●	4
Salem	●	●	●	●	4
Swampscott	●		●		2
Lynn	●	●	●	●	4
River Works	●		●		2
Chelsea	●		●		2
North Station	●	●	●	●	4
Total Travel Time	83'	60'	71'	54'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Rockport Local	Rockport Express	Newburyport Local	Newburyport Express	TOTAL OFF-PEAK HOUR TRAINS
	Every 60 Min.	Every 60 Min.	Every 60 Min.	Every 60 Min.	
Rockport	●	●			2
Gloucester	●	●			2
West Gloucester	●				1
Manchester	●				1
Beverly Farms	●				1
Prides Crossing	●				1
Montserrat	●				1
Newburyport			●	●	2
Rowley			●		1
Ipswich			●		1
Hamilton/Wenham			●		1
North Beverly			●		1
Beverly	●	●	●	●	4
Salem	●	●	●	●	4
Swampscott	●		●		2
Lynn	●	●	●	●	4
River Works	●		●		2
Chelsea	●		●		2
North Station	●	●	●	●	4
Total Travel Time	83'	60'	71'	54'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Salem Key Existing Station
- Manchester Existing Station
- Hourly Service

Haverhill Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Express	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min.	Every 30 Min.	
Haverhill	● ●	● ●	4
Bradford		● ●	2
Lawrence	● ●	● ●	4
Andover		● ●	2
Ballardvale		● ●	2
North Wilmington		● ●	2
Reading	● ●	● ●	4
Wakefield		● ●	2
Greenwood		● ●	2
Melrose Highlands		● ●	2
Melrose Cedar Park		● ●	2
Wyoming Hill		● ●	2
Malden Center	● ●	● ●	4
North Station	● ●	● ●	4
Total Travel Time	54'	74'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Express	Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min.	Every 30 Min.	
Haverhill	● ●	● ●	4
Bradford		● ●	2
Lawrence	● ●	● ●	4
Andover		● ●	2
Ballardvale		● ●	2
North Wilmington		● ●	2
Reading	● ●	● ●	4
Wakefield		● ●	2
Greenwood		● ●	2
Melrose Highlands		● ●	2
Melrose Cedar Park		● ●	2
Wyoming Hill		● ●	2
Malden Center	● ●	● ●	4
North Station	● ●	● ●	4
Total Travel Time	54'	74'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Lawrence Key Existing Station
- Andover Existing Station
- Hourly Service

Lowell Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Express	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min.	Every 30 Min.	
Lowell	● ●	● ●	4
North Billerica		● ●	2
Wilmington		● ●	2
Anderson/Woburn	● ●	● ●	4
Mishawum			0
Winchester Center		● ●	2
Wedgemere		● ●	2
West Medford		● ●	2
North Station	● ●	● ●	4
Total Travel Time	36'	47'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Express	Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 15-15-30 Min.	Every 60 Min.	
Lowell	● ● ●	●	4
North Billerica		●	1
Wilmington		●	1
Anderson/Woburn	● ● ●	●	4
Mishawum		★	0 ★
Winchester Center		●	1
Wedgemere		●	1
West Medford		●	1
North Station	● ● ●	●	4
Total Travel Time	36'	47'	

BI-DIRECTIONAL SERVICE

- ★ Three trains per day stop at Mishawum in each direction.
- Station Stop
- Lowell Key Existing Station
- West Medford Existing Station
- Hourly Service

Fitchburg Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Express	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min.	Every 30 Min.	
Wachusett		● ●	2
Fitchburg	● ●	● ●	4
N. Leominster		● ●	2
Shirley		● ●	2
Ayer		● ●	2
Littleton/495	● ●	● ●	4
S. Acton		● ●	2
W. Concord		● ●	2
Concord		● ●	2
Lincoln		● ●	2
Silver Hill		● ●	2
Hastings		● ●	2
Kendal Green		● ●	2
Brandeis/Roberts		● ●	2
Waltham	● ●	● ●	4
Waverly		● ●	2
Belmont		● ●	2
Porter Sq.	● ●	● ●	4
North Station	● ●	● ●	4
Total Travel Time	63'	103'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Express	Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 15-15-30 Min.	Every 60 Min.	
Wachusett		●	1
Fitchburg	● ● ●	●	4
N. Leominster		●	1
Shirley		●	1
Ayer		●	1
Littleton/495	● ● ●	●	4
S. Acton		●	1
W. Concord		●	1
Concord		●	1
Lincoln		●	1
Silver Hill		●	1
Hastings		●	1
Kendal Green		●	1
Brandeis/Roberts		●	1
Waltham	● ● ●	●	4
Waverly		●	1
Belmont		●	1
Porter Sq.	● ● ●	●	4
North Station	● ● ●	●	4
Total Travel Time	63'	103'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Littleton/495 Key Existing Station
- Concord Existing Station
- Hourly Service

Worcester Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Express	Zonal Express		Local		TOTAL PEAK HOUR TRAINS
	FREQUENCY (Min.) Every 60 Min.	Every 30 Min.		Every 30 Min.		
Worcester	●	●	●	●		4
Grafton		●	●			2
Westborough		●	●			2
Southborough		●	●			2
Ashland		●	●			2
Framingham		●	●	●	●	4
West Natick		●	●	●	●	4
Natick Center		●	●	●	●	4
Wellesley Square				●	●	2
Wellesley Hills				●	●	2
Wellesley Farms				●	●	2
Auburndale				●	●	2
W. Newton				●	●	2
Newtonville				●	●	2
Boston Landing				●	●	2
West Station				●	●	2
Lansdowne	●	●	●	●	●	5
Back Bay	●	●	●	●	●	5
South Station	●	●	●	●	●	5
Total Travel Time	67'	83'		88'	55'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Express	Zonal Express	Local	TOTAL OFF-PEAK HOUR TRAINS
	FREQUENCY (Min.) Every 30 Min.	Every 60 Min.	Every 60 Min.	
Worcester	●	●	●	4
Grafton		●		1
Westborough		●		1
Southborough		●		1
Ashland		●		1
Framingham	●	●	●	4
West Natick		●	●	2
Natick Center	●	●	●	4
Wellesley Square			●	1
Wellesley Hills			●	1
Wellesley Farms			●	1
Auburndale			●	1
W. Newton			●	1
Newtonville			●	1
Boston Landing			●	1
West Station			●	1
Lansdowne	●	●	●	4
Back Bay	●	●	●	4
South Station	●	●	●	4
Total Travel Time	70'	83'	88'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Framingham Key Existing Station
- Ashland Existing Station
- West Station Proposed New Station
- Hourly Service

Needham Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min. ←→	
Needham Heights	● ●	2
Needham Center	● ●	2
Needham Junction	● ●	2
Hersey	● ●	2
West Roxbury	● ●	2
Highland	● ●	2
Bellevue	● ●	2
Roslindale Village	● ●	2
Forest Hills	● ●	2
Ruggles	● ●	2
Back Bay	● ●	2
South Station	● ●	2
Total Travel Time	47'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	
Needham Heights	●	1
Needham Center	●	1
Needham Junction	●	1
Hersey	●	1
West Roxbury	●	1
Highland	●	1
Bellevue	●	1
Roslindale Village	●	1
Forest Hills	●	1
Ruggles	●	1
Back Bay	●	1
South Station	●	1
Total Travel Time	47'	

BI-DIRECTIONAL SERVICE

- Station Stop
- West Roxbury Existing Station
- Hourly Service

Franklin Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local Franklin	Franklin Interline	Local Foxboro Interline	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	Every 60 Min.	Every 60 Min.	
Forge Park/495	●	●		2
Franklin	●	●		2
Norfolk	●	●		2
Foxboro			●	1
Walpole	●	●	●	3
Plimptonville				0
Windsor Gardens	●		●	2
Norwood Central	●	●	●	3
Norwood Depot	●		●	2
Islington	●		●	2
Dedham Corp Ctr	●		●	2
Endicott	●		●	2
Readville	●	●	●	3
Ruggles	●	●	●	1
Back Bay	●	Via Fairmount Line	Via Fairmount Line	1
South Station	●	●	●	3
Total Travel Time	67'	70'	67'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local Franklin	Franklin Interline	Local Foxboro Interline	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	Every 60 Min.	Every 60 Min.	
Forge Park/495	●	●		2
Franklin	●	●		2
Norfolk	●	●		2
Foxboro			●	1
Walpole	●	●	●	3
Plimptonville				0
Windsor Gardens	●		●	1
Norwood Central	●	●	●	3
Norwood Depot	●		●	1
Islington	●		●	1
Dedham Corp Ctr	●		●	1
Endicott	●		●	1
Readville	●	●	●	3
Ruggles	●	●	●	1
Back Bay	●	Via Fairmount Line	Via Fairmount Line	1
South Station	●	●	●	3
Total Travel Time	67'	70'	54'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Norwood Central Key Existing Station
- Islington Existing Station
- Hourly Service
- - - Hourly Interline Service

Fairmount Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local Interline	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min. ↔	
	Via Franklin Line	
Readville	● ●	2
Fairmount	● ●	2
Blue Hill Ave.	● ●	2
Morton St.	● ●	2
Talbot Ave.	● ●	2
Four Corners/Geneva	● ●	2
Uphams Corner	● ●	2
Newmarket	● ●	2
South Station	● ●	2
Total Travel Time	32'	

OFF-PEAK HOUR (REPEATING)

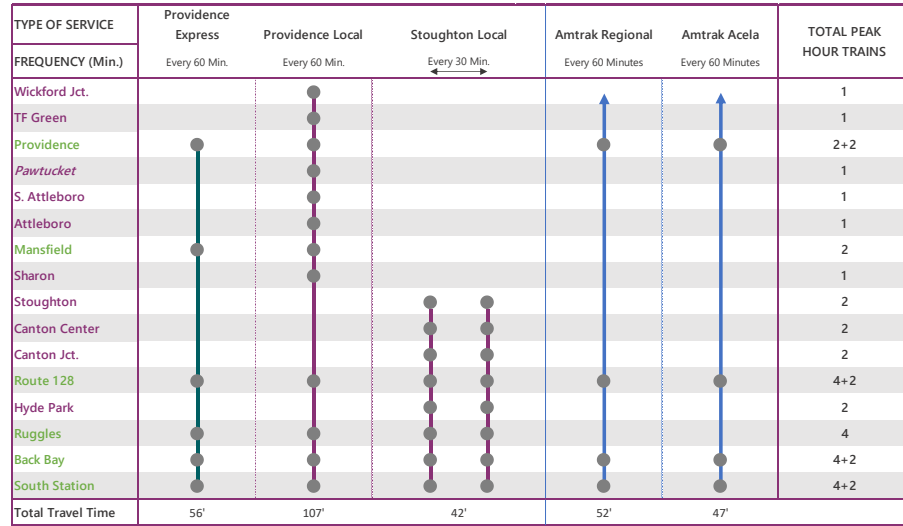
TYPE OF SERVICE	Local Interline	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min. ↔	
	Via Franklin Line	
Readville	● ●	2
Fairmount	● ●	2
Blue Hill Ave.	● ●	2
Morton St.	● ●	2
Talbot Ave.	● ●	2
Four Corners/Geneva	● ●	2
Uphams Corner	● ●	2
Newmarket	● ●	2
South Station	● ●	2
Total Travel Time	32'	

BI-DIRECTIONAL SERVICE

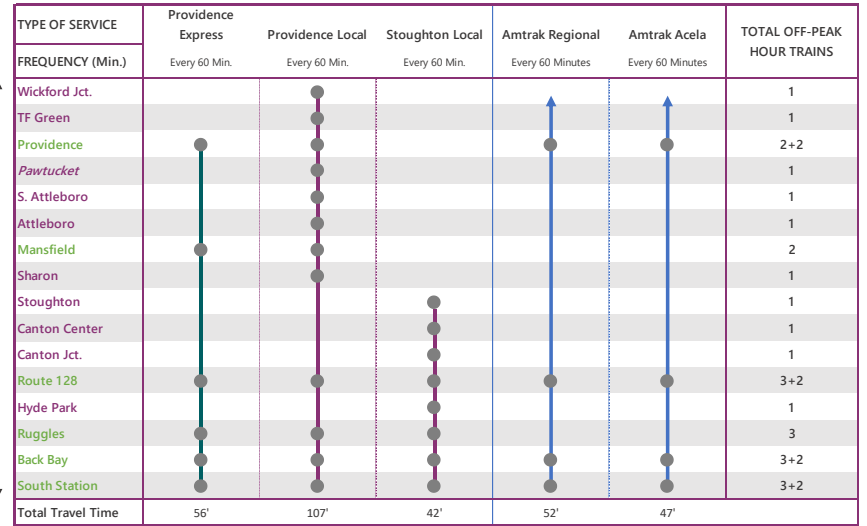
- Station Stop
- Talbot Ave. Existing Station
- Hourly Service
- - - Hourly Interline Service

Providence/Stoughton Line

PEAK HOUR (REPEATING)



OFF-PEAK HOUR (REPEATING)



BI-DIRECTIONAL SERVICE

- Station Stop
- Providence Key Existing Station
- Sharon Existing Station
- Pawtucket Proposed New Station
- Hourly Service
- Hourly Electrified Service
- Amtrak Service

Fall River/New Bedford

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Fall River Local	New Bedford Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 90 Min.	Every 90 Min.	
<i>Fall River</i>	●		0-1
<i>Freetown</i>	●		0-1
<i>New Bedford</i>		●	0-1
<i>North New Bedford</i>		●	0-1
<i>East Taunton</i>	●	●	1-2
<i>Middleborough</i>	●	●	1-2
<i>Bridgewater</i>	●	●	1-2
<i>Campello</i>	●	●	1-2
<i>Brockton</i>	●	●	1-2
<i>Montello</i>	●	●	1-2
<i>Holbrook/Randolph</i>	●	●	1-2
<i>Braintree</i>	●	●	1-2
<i>Quincy Center</i>			0
<i>JFK/UMass</i>	●	●	1-2
<i>South Station</i>	●	●	1-2
Total Travel Time	88'	89'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Fall River Local	New Bedford Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Varied	Varied	
<i>Fall River</i>	●		0-1
<i>Freetown</i>	●		0-1
<i>New Bedford</i>		●	0-1
<i>North New Bedford</i>		●	0-1
<i>East Taunton</i>	●	●	0-1
<i>Middleborough</i>	●	●	0-1
<i>Bridgewater</i>	●	●	0-1
<i>Campello</i>	●	●	0-1
<i>Brockton</i>	●	●	0-1
<i>Montello</i>	●	●	0-1
<i>Holbrook/Randolph</i>	●	●	0-1
<i>Braintree</i>	●	●	0-1
<i>Quincy Center</i>			0
<i>JFK/UMass</i>			0
<i>South Station</i>	●	●	0-1
Total Travel Time	88'	89'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Brockton Key Existing Station
- *Fall River* Key Proposed New Station
- Bridgewater Existing Station
- *North New Bedford* Proposed New Station
- Approx. Hourly Service
- Periodic Service

Kingston/Plymouth Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 45 Min.	
Plymouth		0
Kingston	●	1-2
Halifax	●	1-2
Hanson	●	1-2
Whitman	●	1-2
Abington	●	1-2
South Weymouth	●	1-2
Braintree	●	1-2
Quincy Center		0
JFK/UMass	●	1-2
South Station	●	1-2
Total Travel Time	59'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 120 Min.	
Plymouth	●★	0-1
Kingston	●★	0-1
Halifax	●	1
Hanson	●	1
Whitman	●	1
Abington	●	1
South Weymouth	●	0-1
Braintree	●	0-1
Quincy Center		0
JFK/UMass		0
South Station	●	0-1
Total Travel Time	59'	

BI-DIRECTIONAL SERVICE

- ★ Approximately half of trains stop at Kingston and half of trains stop at Plymouth during off-peak periods. Some trains stop at both stations.
- Station Stop
- Kingston Key Existing Station
- Whitman Existing Station
- Approx. Hourly Service
- Approx. Bi-Hourly Service

Greenbush Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 45 Min.	
Greenbush	●	1-2
North Scituate	●	1-2
Cohasset	●	1-2
Nantasket Jct.	●	1-2
West Hingham	●	1-2
East Weymouth	●	1-2
Weymouth Landing/ East Braintree	●	1-2
Quincy Center	●	1-2
JFK/UMass	●★	0-1
South Station	●	1-2
Total Travel Time	59'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 120 Min.	
Greenbush	●	0-1
North Scituate	●	0-1
Cohasset	●	0-1
Nantasket Jct.	●	0-1
West Hingham	●	0-1
East Weymouth	●	0-1
Weymouth Landing/ East Braintree	●	0-1
Quincy Center	●	0-1
JFK/UMass	●	0
South Station	●	0-1
Total Travel Time	59'	

BI-DIRECTIONAL SERVICE

★ Approximately half of trains stop at JFK/UMass during peak period.

● Station Stop

Kingston Key Existing Station

Greenbush Existing Station

— Approx. Hourly Service

— Approx. Bi-Hourly Service

Alternative 3

Newburyport/Rockport Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Rockport Local	Rockport Express	Newburyport Local	Newburyport Express	TOTAL PEAK HOUR TRAINS
	Every 60 Min.	Every 60 Min.	Every 60 Min.	Every 60 Min.	
Rockport	●	●			2
Gloucester	●	●			2
West Gloucester	●	●			1
Manchester	●	●			1
Beverly Farms	●	●			1
Prides Crossing	●	●			1
Montserrat	●	●			1
Newburyport			●	●	2
Rowley			●		1
Ipswich			●		1
Hamilton/Wenham			●		1
North Beverly			●		1
Beverly	●	●	●	●	4
Salem	●	●	●	●	4
Swampscott	●	●	●		2
Lynn	●	●	●	●	4
River Works	●	●	●		2
Chelsea	●	●	●		2
North Station	●	●	●	●	4
Total Travel Time	65'	52'	60'	49'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Rockport Local	Rockport Express	Newburyport Local	Newburyport Express	TOTAL OFF-PEAK HOUR TRAINS
	Every 60 Min.	Every 60 Min.	Every 60 Min.	Every 60 Min.	
Rockport	●	●			2
Gloucester	●	●			2
West Gloucester	●	●			1
Manchester	●	●			1
Beverly Farms	●	●			1
Prides Crossing	●	●			1
Montserrat	●	●			1
Newburyport			●	●	2
Rowley			●		1
Ipswich			●		1
Hamilton/Wenham			●		1
North Beverly			●		1
Beverly	●	●	●	●	4
Salem	●	●	●	●	4
Swampscott	●	●	●		2
Lynn	●	●	●	●	4
River Works	●	●	●		2
Chelsea	●	●	●		2
North Station	●	●	●	●	4
Total Travel Time	65'	52'	60'	49'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Salem Key Existing Station
- Manchester Existing Station
- Hourly Electrified Service

Haverhill

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Express	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min.	Every 30 Min.	
Haverhill	● ●	● ●	4
Bradford		● ●	2
Lawrence	● ●	● ●	4
Andover		● ●	2
Ballardvale		● ●	2
North Wilmington		● ●	2
Reading	● ●	● ●	4
Wakefield		● ●	2
Greenwood		● ●	2
Melrose Highlands		● ●	2
Melrose Cedar Park		● ●	2
Wyoming Hill		● ●	2
Malden Center	● ●	● ●	4
North Station	● ●	● ●	4
Total Travel Time	48'	62'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Express	Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min.	Every 30 Min.	
Haverhill	● ●	● ●	4
Bradford		● ●	2
Lawrence	● ●	● ●	4
Andover		● ●	2
Ballardvale		● ●	2
North Wilmington		● ●	2
Reading	● ●	● ●	4
Wakefield		● ●	2
Greenwood		● ●	2
Melrose Highlands		● ●	2
Melrose Cedar Park		● ●	2
Wyoming Hill		● ●	2
Malden Center	● ●	● ●	4
North Station	● ●	● ●	4
Total Travel Time	48'	62'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Lawrence Key Existing Station
- Andover Existing Station
- Hourly Electrified Service

Lowell

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Express	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min.	Every 30 Min.	
Lowell	●	●	4
North Billerica		●	2
Wilmington		●	2
Anderson/Woburn	●	●	4
Mishawum			0
Winchester Center		●	2
Wedgemere		●	2
West Medford		●	2
North Station	●	●	4
Total Travel Time	34'	42'	

OFF-PEAK HOUR (REPEATING)

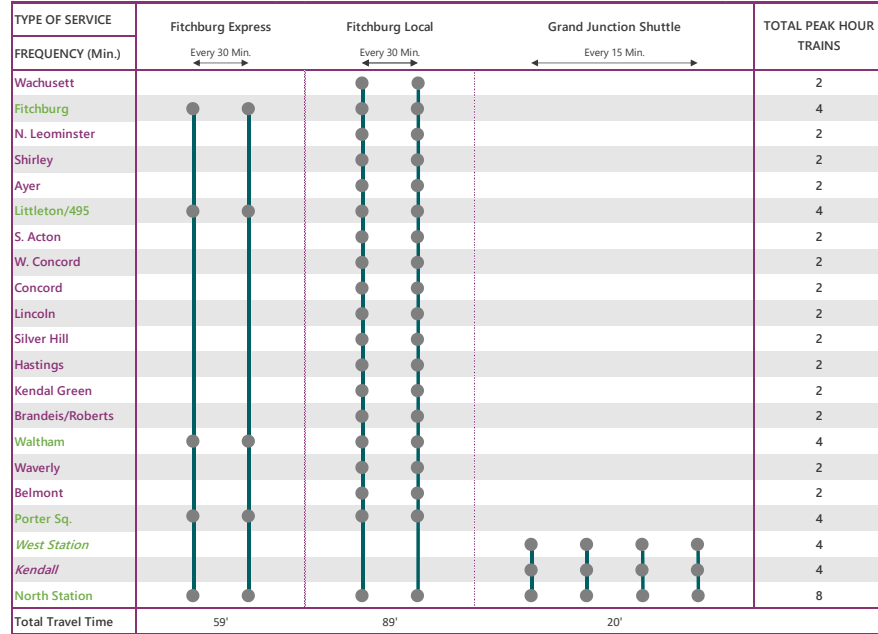
TYPE OF SERVICE	Express	Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 15-15-30 Min.	Every 60 Min.	
Lowell	●	●	4
North Billerica		●	1
Wilmington		●	1
Anderson/Woburn	●	●	4
Mishawum		●★	0★
Winchester Center		●	1
Wedgemere		●	1
West Medford		●	1
North Station	●	●	4
Total Travel Time	34'	42'	

BI-DIRECTIONAL SERVICE

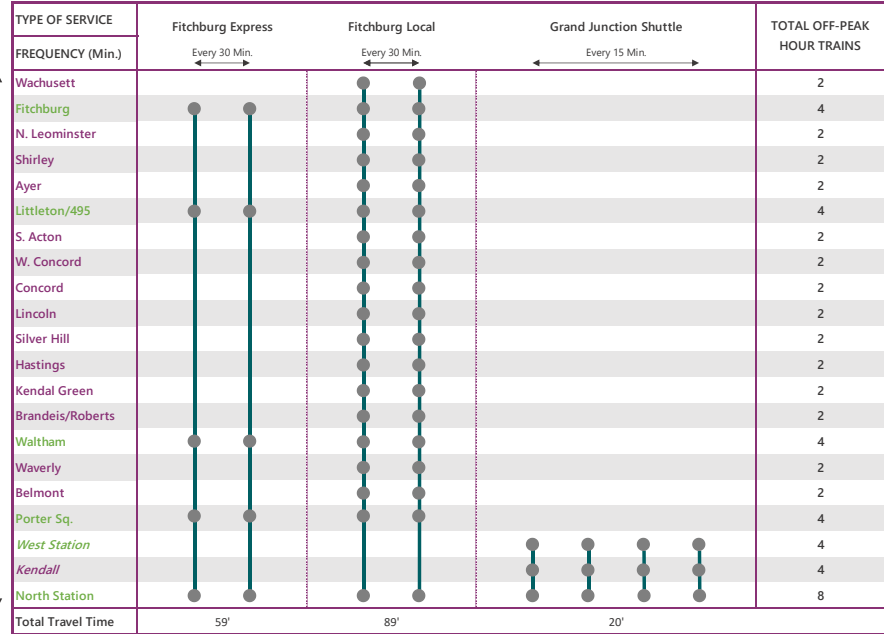
- ★ Three trains per day stop at Mishawum in each direction.
- Station Stop
- Lowell Key Existing Station
- West Medford Existing Station
- Hourly Electrified Service

Fitchburg Line

PEAK HOUR (REPEATING)



OFF-PEAK HOUR (REPEATING)



BI-DIRECTIONAL SERVICE

- Station Stop
- Littleton/495 Key Existing Station
- West Station Proposed New Key Station
- Concord Existing Station
- Mass. Ave. Proposed New Station
- Hourly Electrified Service

Worcester Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Express	Zonal Express	Local	TOTAL PEAK HOUR TRAINS
	FREQUENCY (Min.) Every 60 Min.	Every 30 Min.	Every 30 Min.	
Worcester	●	● ●	● ●	5
Grafton		● ●		2
Westborough		● ●		2
Southborough		● ●		2
Ashland		● ●		2
Framingham		● ●	● ●	4
West Natick		● ●	● ●	4
Natick Center		● ●	● ●	4
Wellesley Square			● ●	2
Wellesley Hills			● ●	2
Wellesley Farms			● ●	2
Auburndale			● ●	2
W. Newton			● ●	2
Newtonville			● ●	2
Boston Landing			● ●	2
West Station	●	● ●	● ●	5
Lansdowne	●	● ●	● ●	5
Back Bay	●	● ●	● ●	5
South Station	●	● ●	● ●	5
Total Travel Time	62'	72'	77'	

OFF-PEAK HOUR (REPEATING)














TYPE OF SERVICE	Express	Zonal Express	Local	TOTAL OFF-PEAK HOUR TRAINS
	FREQUENCY (Min.) Every 30 Min.	Every 60 Min.	Every 60 Min.	
Worcester	● ●	●	●	4
Grafton		●	●	1
Westborough		●	●	1
Southborough		●	●	1
Ashland		●	●	1
Framingham	● ●	●	●	4
West Natick	● ●	●	●	2
Natick Center	● ●	●	●	4
Wellesley Square			●	1
Wellesley Hills			●	1
Wellesley Farms			●	1
Auburndale			●	1
W. Newton			●	1
Newtonville			●	1
Boston Landing			●	1
West Station	● ●	●	●	4
Lansdowne	● ●	●	●	4
Back Bay	● ●	●	●	4
South Station	● ●	●	●	4
Total Travel Time	64'	72'	77'	

BI-DIRECTIONAL SERVICE












- Station Stop
- Framingham Key Existing Station
- West Station Proposed New Key Station
- Ashland Existing Station
- Hourly Electrified Service

Needham Line



PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min. 	
Needham Heights		2
Needham Center		2
Needham Junction		2
Hersey		2
West Roxbury		2
Highland		2
Bellevue		2
Roslindale Village		2
Forest Hills		2
Ruggles		2
Back Bay		2
South Station		2
Total Travel Time	40'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	
Needham Heights		1
Needham Center		1
Needham Junction		1
Hersey		1
West Roxbury		1
Highland		1
Bellevue		1
Roslindale Village		1
Forest Hills		1
Ruggles		1
Back Bay		1
South Station		1
Total Travel Time	40'	

BI-DIRECTIONAL SERVICE

-  Station Stop
- West Roxbury Existing Station
-  Hourly Electrified Service

Franklin Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local Franklin	Franklin Interline	Local Foxboro	Zonal Foxboro Interline	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	Every 60 Min.	Every 60 Min.	Every 60 Min.	
Forge Park/495	●	●			2
Franklin	●	●			2
Norfolk	●	●			2
Foxboro			●	●	2
Walpole	●	●	●	●	4
Plimptonville					0
Windsor Gardens	●		●		2
Norwood Central	●	●	●	●	4
Norwood Depot	●		●		2
Islington	●		●		2
Dedham Corp Ctr	●		●		2
Endicott	●		●		2
Readville	●	●	●	●	4
Ruggles	●	●	●	●	2
Back Bay	●	●	●	●	2
South Station	●	●	●	●	4
Total Travel Time	61'	64'	50'	51'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local Franklin	Franklin Interline	Local Foxboro	Zonal Foxboro Interline	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	Every 60 Min.	Every 60 Min.	Every 60 Min.	
Forge Park/495	●	●			2
Franklin	●	●			2
Norfolk	●	●			2
Foxboro			●	●	2
Walpole	●	●	●	●	4
Plimptonville					0
Windsor Gardens	●		●		2
Norwood Central	●	●	●	●	4
Norwood Depot	●		●		2
Islington	●		●		2
Dedham Corp Ctr	●		●		2
Endicott	●		●		2
Readville	●	●	●	●	4
Ruggles	●	●	●	●	2
Back Bay	●	●	●	●	2
South Station	●	●	●	●	4
Total Travel Time	61'	64'	50'	51'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Norwood Central Key Existing Station
- Islington Existing Station
- Hourly Electrified Service
- - - Hourly Electrified Interline Service

Fairmount Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local Interline	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min. ↔	
	Via Franklin Line	
Readville	● ●	2
Fairmount	● ●	2
Blue Hill Ave.	● ●	2
Morton St.	● ●	2
Talbot Ave.	● ●	2
Four Corners/Geneva	● ●	2
Uphams Corner	● ●	2
Newmarket	● ●	2
South Station	● ●	2
Total Travel Time	30'	

BI-DIRECTIONAL SERVICE

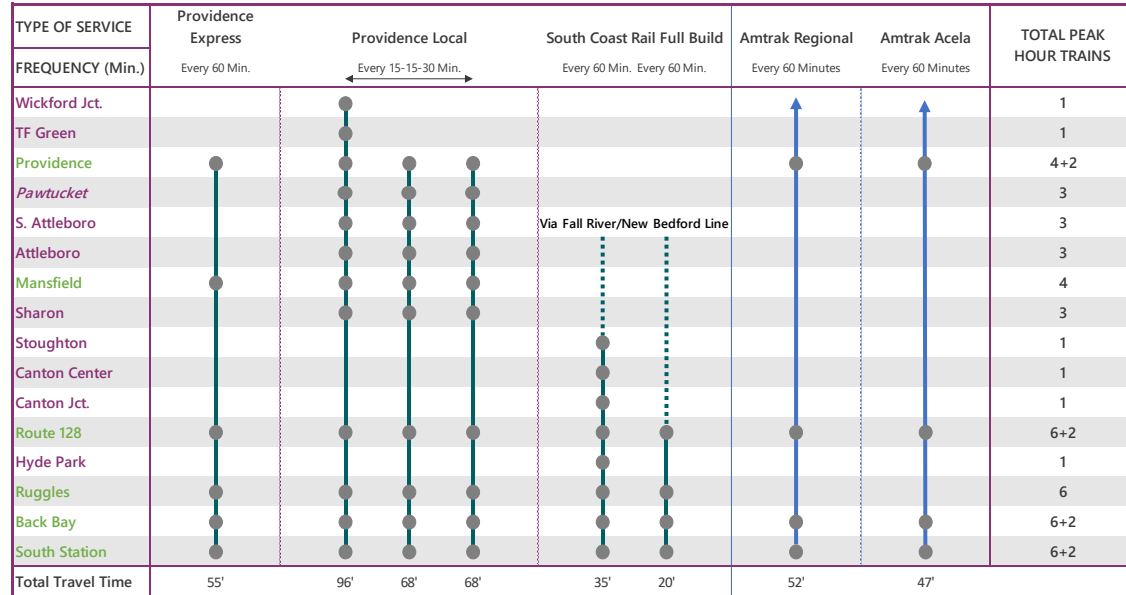
OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local Interline	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min. ↔	
	Via Franklin Line	
Readville	● ●	2
Fairmount	● ●	2
Blue Hill Ave.	● ●	2
Morton St.	● ●	2
Talbot Ave.	● ●	2
Four Corners/Geneva	● ●	2
Uphams Corner	● ●	2
Newmarket	● ●	2
South Station	● ●	2
Total Travel Time	30'	

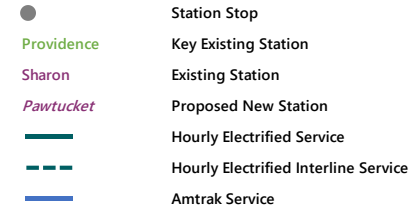
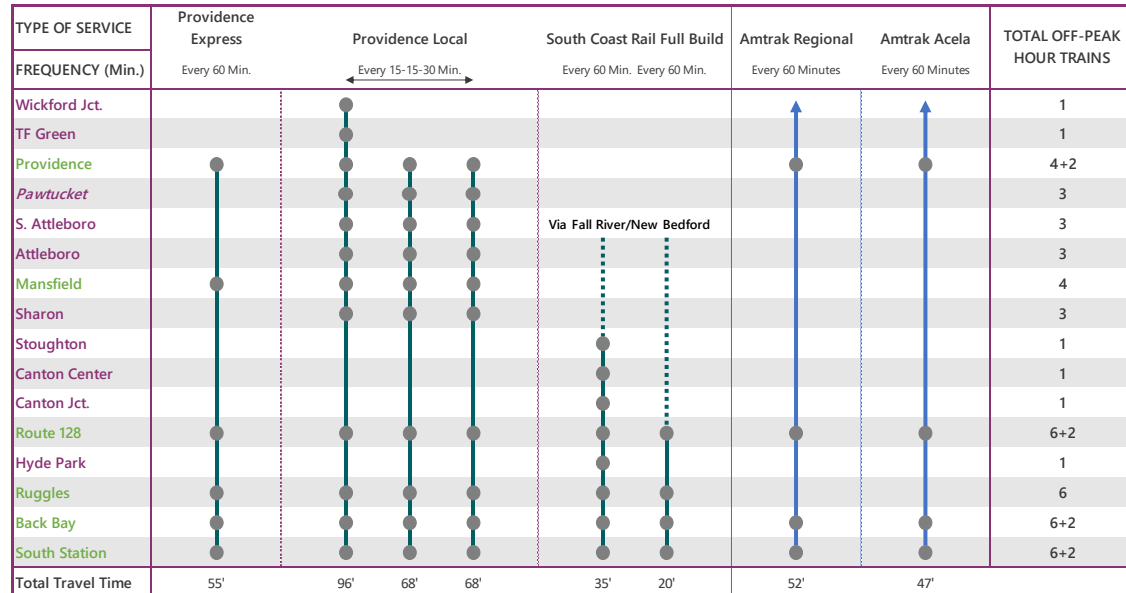
- Station Stop
- Talbot Ave. Existing Station
- Hourly Electrified Service
- - - Hourly Electrified Interline Service

Providence/Stoughton Line

PEAK HOUR (REPEATING)



OFF-PEAK HOUR (REPEATING)



Fall River/New Bedford Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Fall River	New Bedford	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	Every 60 Min.	
<i>Battleship Cove</i>	●		1
<i>Fall River</i>	●		1
<i>Freetown</i>	●		1
<i>New Bedford</i>		●	1
<i>North New Bedford</i>		●	1
<i>East Taunton</i>	●	●	2
<i>Taunton</i>	●	●	1
<i>Raynham Place</i>	●	●	1
<i>Easton Village</i>	●	●	1
<i>North Easton</i>	●	●	2
Stoughton	●	●	1
Canton Center	●	●	1
Canton Jct.	●	●	1
Route 128	●	●	2
Hyde Park	●	●	2
Ruggles	●	●	2
Back Bay	●	●	2
South Station	●	●	2
Total Travel Time	77'	73'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Fall River	New Bedford	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	Every 60 Min.	
<i>Battleship Cove</i>	●		1
<i>Fall River</i>	●		1
<i>Freetown</i>	●		1
<i>New Bedford</i>		●	1
<i>North New Bedford</i>		●	1
<i>East Taunton</i>	●	●	2
<i>Taunton</i>	●	●	1
<i>Raynham Place</i>	●	●	1
<i>Easton Village</i>	●	●	1
<i>North Easton</i>	●	●	2
Stoughton	●	●	1
Canton Center	●	●	1
Canton Jct.	●	●	1
Route 128	●	●	2
Hyde Park	●	●	2
Ruggles	●	●	2
Back Bay	●	●	2
South Station	●	●	2
Total Travel Time	77'	73'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Route 128 Key Existing Station
- Fall River* Key Proposed New Station
- Stoughton Existing Station
- North New Bedford* Proposed New Station
- Hourly Electrified Service

Middleborough Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Express	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min.	Every 30 Min.	
Middleborough		● ●	2
Bridgewater		● ●	2
Campello		● ●	2
Brockton	● ●	● ●	4
Montello		● ●	2
Holbrook/Randolph		● ●	2
Braintree	● ●	● ●	4
Quincy Center		● ●	2
JFK/UMass		● ●	2
South Station	● ●	● ●	4
Total Travel Time	28'	55'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Express	Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	Every 15-15-30 Min.	
Middleborough		● ● ●	1
Bridgewater		● ● ●	1
Campello		● ● ●	1
Brockton	●	● ● ●	4
Montello		● ● ●	1
Holbrook/Randolph		● ● ●	1
Braintree	●	● ● ●	4
Quincy Center		● ● ●	1
JFK/UMass		● ● ●	1
South Station	●	● ● ●	4
Total Travel Time	28'	55'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Key Existing Station
- Existing Station
- Hourly Electrified Service

Kingston/Plymouth Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local Interline	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min.	
Plymouth		0
Kingston	●	2
Halifax	●	2
Hanson	●	2
Whitman	●	2
Abington	●	2
South Weymouth	●	2
Braintree	●	2
South Station	●	1
	Via Greenbush Line	
Total Travel Time	51' 56' (to S. Station)	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local Interline	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	
Plymouth		0
Kingston	●	1
Halifax	●	1
Hanson	●	1
Whitman	●	1
Abington	●	1
South Weymouth	●	1
Braintree	●	1
South Station	●	
	Via Greenbush Line	
Total Travel Time	56' (to S. Station)	

BI-DIRECTIONAL SERVICE

- Station Stop
- Kingston Key Existing Station
- Whitman Existing Station
- Hourly Electrified Service
- - - Hourly Electrified Interline Service

Greenbush Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local Interline	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)		
Greenbush	●	2
North Scituate	●	2
Cohasset	●	2
Nantasket Jct.	●	2
West Hingham	●	2
East Weymouth	●	2
Weymouth Landing/ East Braintree	●	2
Braintree	●	2
South Station	●	1
	Via Kingston Line ⋮	
Total Travel Time	52' 60' (to S. Station)	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local Interline	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)		
Greenbush	●	1
North Scituate	●	1
Cohasset	●	1
Nantasket Jct.	●	1
West Hingham	●	1
East Weymouth	●	1
Weymouth Landing/ East Braintree	●	1
Braintree	●	1
South Station	●	
	Via Kingston Line ⋮	
Total Travel Time	60' (to S. Station)	

BI-DIRECTIONAL SERVICE

- Station Stop
- Greenbush Existing Station
- Hourly Electrified Service
- - - Hourly Electrified Interline Service

Alternative 4

Newburyport/Rockport Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Rockport Local	Rockport Branch	Newburyport Local	Newburyport Branch	Urban Rail	TOTAL PEAK HOUR TRAINS
	Every 60 Min.	Every 60 Min.	Every 60 Min.	Every 60 Min.	Every 30 Min.	
Rockport	●	●			↔	2
Gloucester	●	●				2
West Gloucester	●	●				2
Manchester	●	●				2
Beverly Farms	●	●				2
Prides Crossing	●	●				2
Montserrat	●	●				2
Newburyport			●	●		2
Rowley			●	●		2
Ipswich			●	●		2
Hamilton/Wenham			●	●		2
North Beverly			●	●		2
Beverly	●	●	●	●	● ●	4
Salem	●		●		● ●	4
Swampscott	●		●		● ●	4
Lynn	●		●		● ●	4
River Works	●		●		● ●	4
Wonderland	●		●		● ●	4
Chelsea	●		●		● ●	4
North Station	●		●		● ●	4
Total Travel Time	85'	43'	74'	33'	41'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Rockport Local	Newburyport Local	Urban Rail	TOTAL OFF-PEAK HOUR TRAINS
	Every 60 Min.	Every 60 Min.	Every 30 Min.	
Rockport	●		↔	1
Gloucester	●			1
West Gloucester	●			1
Manchester	●			1
Beverly Farms	●			1
Prides Crossing	●			1
Montserrat	●			1
Newburyport		●		1
Rowley		●		1
Ipswich		●		1
Hamilton/Wenham		●		1
North Beverly		●		1
Beverly	●	●	● ●	4
Salem	●	●	● ●	4
Swampscott	●	●	● ●	4
Lynn	●	●	● ●	4
River Works	●	●	● ●	4
Wonderland	●	●	● ●	4
Chelsea	●	●	● ●	4
North Station	●	●	● ●	4
Total Travel Time	85'	74'	41'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Newburyport Existing Station
- Salem Existing Inner Core Station
- Wonderland Proposed New Inner Core Station
- Hourly Service
- Hourly DMU Service

Haverhill Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local		Urban Rail	TOTAL PEAK HOUR TRAINS
	Every 30 Min.		Every 30 Min.	
Haverhill	●	●		2
Bradford	●	●		2
Lawrence	●	●		2
Andover	●	●		2
Ballardvale	●	●		2
North Wilmington	●	●		2
I-93	●	●	● ●	4
Reading	●	●	● ●	4
Wakefield	●	●	● ●	4
Greenwood	●	●	● ●	4
Melrose Highlands	●	●	● ●	4
Melrose Cedar Park	●	●	● ●	4
Wyoming Hill	●	●	● ●	4
Malden Center	●	●	● ●	4
North Station	●	●	● ●	4
Total Travel Time	68'		36'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	Local	Urban Rail	TOTAL OFF-PEAK HOUR TRAINS
	Every 60 Min.	Every 60 Min.	Every 30 Min.	
Haverhill	●			1
Bradford	●			1
Lawrence	●			1
Andover	●			1
Ballardvale	●			1
North Wilmington	●			1
I-93	●	●	● ●	4
Reading	●	●	● ●	4
Wakefield	●	●	● ●	4
Greenwood	●	●	● ●	4
Melrose Highlands	●	●	● ●	4
Melrose Cedar Park	●	●	● ●	4
Wyoming Hill	●	●	● ●	4
Malden Center	●	●	● ●	4
North Station	●	●	● ●	4
Total Travel Time	68'	37'	36'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Lawrence Existing Station
- Reading Existing Inner Core Station
- I-93 Proposed New Inner Core Station
- Hourly Service
- Hourly DMU Service

Lowell Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	Urban Rail	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min.	Every 30 Min.	
Lowell	●		2
North Billerica	●		2
Wilmington	●		2
Anderson/Woburn	●	●	4
Mishawum	●	●	4
Winchester Center	●	●	4
Wedgemere	●	●	4
West Medford	●	●	4
North Station	●	●	4
Total Travel Time	49'	25'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	Local	Urban Rail	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	Every 60 Min.	Every 30 Min.	
Lowell	●			1
North Billerica	●			1
Wilmington	●			1
Anderson/Woburn	●	●	●	4
Mishawum	●	●	●	4
Winchester Center	●	●	●	4
Wedgemere	●	●	●	4
West Medford	●	●	●	4
North Station	●	●	●	4
Total Travel Time	49'	27'	25'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Lowell Existing Station
- Anderson/Woburn Existing Inner Core Station
- Hourly Service
- Hourly DMU Service

Fitchburg Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Zonal Express	Local	Local	Urban Rail	TOTAL PEAK HOUR TRAINS
	Every 60 Min.	Every 60 Min.	Every 60 Min.	Every 30 Min.	
Wachusett	●	●			2
Fitchburg	●	●			2
N. Leominster	●	●			2
Shirley	●	●			2
Ayer	●	●			2
Littleton/495	●	●	●		3
S. Acton		●	●		2
W. Concord		●	●		2
Concord		●	●		2
Lincoln		●	●		2
Silver Hill		●	●		2
Hastings		●	●		2
Kendal Green		●	●		2
I-95		●	●	● ●	4
Brandeis/Roberts		●	●	● ●	4
Waltham		●	●	● ●	4
Waverly		●	●	● ●	4
Belmont		●	●	● ●	4
Porter Sq.		●	●	● ●	5
North Station	●	●	●	● ●	5
Total Travel Time	83'	103'	68'	29'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	Local	Urban Rail	TOTAL OFF-PEAK HOUR TRAINS
	Every 60 Min.	Every 60 Min.	Every 30 Min.	
Wachusett	●			1
Fitchburg	●			1
N. Leominster	●			1
Shirley	●			1
Ayer	●			1
Littleton/495	●			1
S. Acton	●			1
W. Concord	●			1
Concord	●			1
Lincoln	●			1
Silver Hill	●			1
Hastings	●			1
Kendal Green	●			1
I-95	●	●	● ●	4
Brandeis/Roberts	●	●	● ●	4
Waltham	●	●	● ●	4
Waverly	●	●	● ●	4
Belmont	●	●	● ●	4
Porter Sq.	●	●	● ●	4
North Station	●	●	● ●	4
Total Travel Time	103'	31'	29'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Littleton/495 Existing Station
- Waltham Existing Inner Core Station
- I-95 Proposed New Inner Core Station
- Hourly Service
- Hourly DMU Service

Worcester Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Express	Local		Urban Rail	TOTAL PEAK HOUR TRAINS
	FREQUENCY (Min.) Every 60 Min.	Every 30 Min.		Every 30 Min.	
Worcester	●	●	●		3
Grafton		●	●		2
Westborough		●	●		2
Southborough		●	●		2
Ashland		●	●		2
Framingham	●	●	●		3
West Natick		●	●		2
Natick Center		●	●		2
Wellesley Square		●	●		2
Wellesley Hills		●	●		2
Wellesley Farms		●	●		2
Riverside		●	●	● ●	4
Auburndale		●	●	● ●	4
W. Newton		●	●	● ●	4
Newtonville		●	●	● ●	4
Boston Landing		●	●	● ●	4
West Station		●	●	● ●	4
Lansdowne	●	●	●	● ●	5
Back Bay	●	●	●	● ●	5
South Station	●	●	●	● ●	5
Total Travel Time	70'	101'		32'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Express	Local		Urban Rail	TOTAL OFF-PEAK HOUR TRAINS
	FREQUENCY (Min.) Every 60 Min.	Every 30 Min.		Every 30 Min.	
Worcester	●	●	●		3
Grafton		●	●		2
Westborough		●	●		2
Southborough		●	●		2
Ashland		●	●		2
Framingham	●	●	●		3
West Natick		●	●		2
Natick Center		●	●		2
Wellesley Square		●	●		2
Wellesley Hills		●	●		2
Wellesley Farms		●	●		2
Riverside		●	●	● ●	4
Auburndale		●	●	● ●	4
W. Newton		●	●	● ●	4
Newtonville		●	●	● ●	4
Boston Landing		●	●	● ●	4
West Station		●	●	● ●	4
Lansdowne	●	●	●	● ●	5
Back Bay	●	●	●	● ●	5
South Station	●	●	●	● ●	5
Total Travel Time	70'	101'		32'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Framingham Existing Station
- Lansdowne Existing Inner Core Station
- West Station Proposed New Inner Core Station
- Hourly Service
- Hourly DMU Service

Needham Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Urban Rail	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 15 Min.	
Needham Heights	● ● ● ●	4
Needham Center	● ● ● ●	4
Needham Junction	● ● ● ●	4
Hersey	● ● ● ●	4
West Roxbury	● ● ● ●	4
Highland	● ● ● ●	4
Bellevue	● ● ● ●	4
Roslindale Village	● ● ● ●	4
Forest Hills	● ● ● ●	4
Ruggles	● ● ● ●	4
Back Bay	● ● ● ●	4
South Station	● ● ● ●	4
Total Travel Time	39'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Urban Rail	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 15 Min.	
Needham Heights	● ● ● ●	4
Needham Center	● ● ● ●	4
Needham Junction	● ● ● ●	4
Hersey	● ● ● ●	4
West Roxbury	● ● ● ●	4
Highland	● ● ● ●	4
Bellevue	● ● ● ●	4
Roslindale Village	● ● ● ●	4
Forest Hills	● ● ● ●	4
Ruggles	● ● ● ●	4
Back Bay	● ● ● ●	4
South Station	● ● ● ●	4
Total Travel Time	39'	

BI-DIRECTIONAL SERVICE

- Station Stop
- West Roxbury Existing Inner Core Station
- Hourly DMU Service

Franklin Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min.	
Forge Park/495	● ●	2
Franklin	● ●	2
Norfolk	● ●	2
Walpole	● ●	2
Plimptonville	● ● ★	0 ★
Windsor Gardens	● ●	2
Norwood Central	● ●	2
Norwood Depot	● ●	2
Islington	● ●	2
Dedham Corp Ctr	● ●	2
Endicott	● ●	2
Readville	● ●	2
Ruggles	● ●	2
Back Bay	● ●	2
South Station	● ●	2
Total Travel Time	61'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	
Forge Park/495	●	1
Franklin	●	1
Norfolk	●	1
Walpole	●	1
Plimptonville		0
Windsor Gardens	●	1
Norwood Central	●	1
Norwood Depot	●	1
Islington	●	1
Dedham Corp Ctr	●	1
Endicott	●	1
Readville	●	1
Ruggles	●	1
Back Bay	●	1
South Station	●	1
Total Travel Time	61'	

BI-DIRECTIONAL SERVICE

- ★ One train per day stops at Plimptonville.
- Station Stop
- Norwood Central Existing Station
- Hourly Service

Fairmount Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Urban Rail	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	← Every 15 Min. →	
Readville	● ● ● ●	4
Fairmount	● ● ● ●	4
Blue Hill Ave.	● ● ● ●	4
Morton St.	● ● ● ●	4
Talbot Ave.	● ● ● ●	4
Four Corners/Geneva	● ● ● ●	4
Uphams Corner	● ● ● ●	4
Newmarket	● ● ● ●	4
South Station	● ● ● ●	4
Total Travel Time	27'	

OFF-PEAK HOUR (REPEATING)

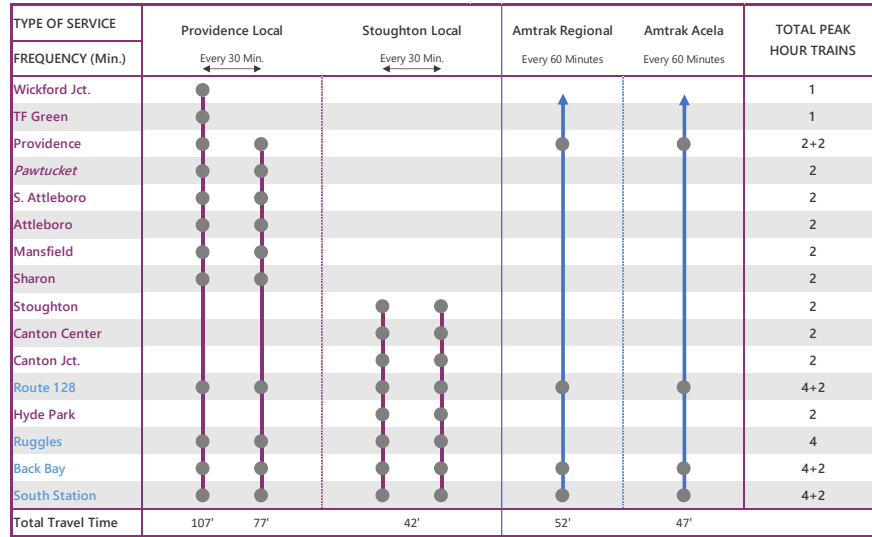
TYPE OF SERVICE	Urban Rail	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	← Every 15 Min. →	
Readville	● ● ● ●	4
Fairmount	● ● ● ●	4
Blue Hill Ave.	● ● ● ●	4
Morton St.	● ● ● ●	4
Talbot Ave.	● ● ● ●	4
Four Corners/Geneva	● ● ● ●	4
Uphams Corner	● ● ● ●	4
Newmarket	● ● ● ●	4
South Station	● ● ● ●	4
Total Travel Time	27'	

BI-DIRECTIONAL SERVICE

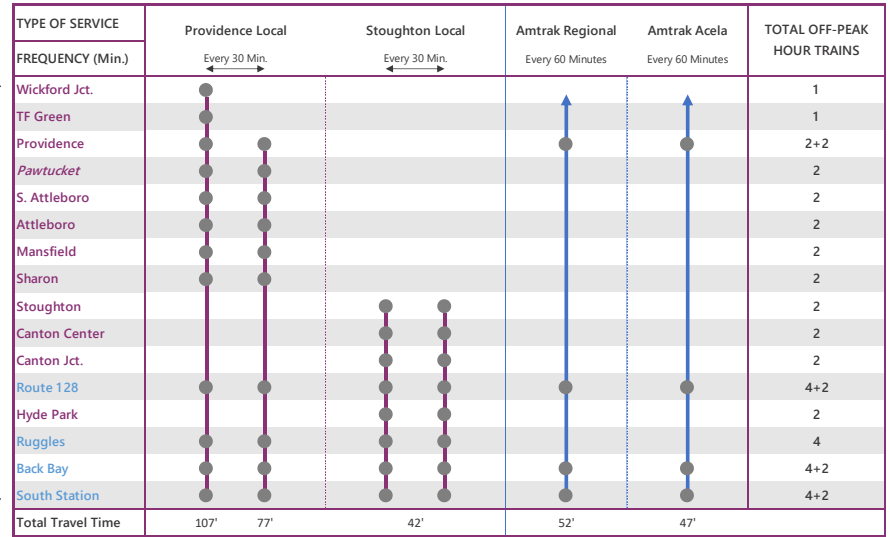
- Station Stop
- Talbot Ave. Existing Inner Core Station
- Hourly DMU Service

Providence/Stoughton Line

PEAK HOUR (REPEATING)



OFF-PEAK HOUR (REPEATING)



BI-DIRECTIONAL SERVICE

- Station Stop
- Providence Existing Station
- Pawtucket Proposed New Station
- Route 128 Existing Inner Core Station
- Hourly Service
- Amtrak Service

Fall River/New Bedford Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Fall River Local	New Bedford Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 90 Min.	Every 90 Min.	
<i>Fall River</i>	●		0-1
<i>Freetown</i>	●		0-1
<i>New Bedford</i>		●	0-1
<i>North New Bedford</i>		●	0-1
<i>East Taunton</i>	●	●	1-2
<i>Middleborough</i>	●	●	1-2
<i>Bridgewater</i>	●	●	1-2
<i>Campello</i>	●	●	1-2
<i>Brockton</i>	●	●	1-2
<i>Montello</i>	●	●	1-2
<i>Holbrook/Randolph</i>	●	●	1-2
<i>Braintree</i>	●	●	1-2
<i>Quincy Center</i>			0
<i>JFK/UMass</i>	●	●	1-2
<i>South Station</i>	●	●	1-2
Total Travel Time	88'	86'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Fall River Local	New Bedford Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Varied	Varied	
<i>Fall River</i>	●		0-1
<i>Freetown</i>	●		0-1
<i>New Bedford</i>		●	0-1
<i>North New Bedford</i>		●	0-1
<i>East Taunton</i>	●	●	0-1
<i>Middleborough</i>	●	●	0-1
<i>Bridgewater</i>	●	●	0-1
<i>Campello</i>	●	●	0-1
<i>Brockton</i>	●	●	0-1
<i>Montello</i>	●	●	0-1
<i>Holbrook/Randolph</i>	●	●	0-1
<i>Braintree</i>	●	●	0-1
<i>Quincy Center</i>			0
<i>JFK/UMass</i>	●	●	0
<i>South Station</i>	●	●	0-1
Total Travel Time	90'	88'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Existing Station
- Proposed New Station
- Approx. Hourly Service
- Periodic Service

Kingston/Plymouth Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 45 Min.	
Plymouth		0
Kingston	●	1-2
Halifax	●	1-2
Hanson	●	1-2
Whitman	●	1-2
Abington	●	1-2
South Weymouth	●	1-2
Braintree	●	1-2
Quincy Center		0
JFK/UMass	●	1-2
South Station	●	1-2
Total Travel Time	58'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 120 Min.	
Plymouth	●★	0-1
Kingston	●★	0-1
Halifax	●	1
Hanson	●	1
Whitman	●	1
Abington	●	1
South Weymouth	●	0-1
Braintree	●	0-1
Quincy Center		0
JFK/UMass		0
South Station	●	0-1
Total Travel Time	59'	

BI-DIRECTIONAL SERVICE

- ★ Approximately half of trains stop at Kingston and half of trains stop at Plymouth during off-peak periods. Some trains stop at both stations.
- Station Stop
- Kingston Existing Station
- Approx. Hourly Service
- Approx. Bi-Hourly Service

Greenbush Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 45 Min.	
Greenbush	●	1-2
North Scituate	●	1-2
Cohasset	●	1-2
Nantasket Jct.	●	1-2
West Hingham	●	1-2
East Weymouth	●	1-2
Weymouth Landing/ East Braintree	●	1-2
Quincy Center	●	1-2
JFK/UMass	●★	0-1
South Station	●	1-2
Total Travel Time	59'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 120 Min.	
Greenbush	●	0-1
North Scituate	●	0-1
Cohasset	●	0-1
Nantasket Jct.	●	0-1
West Hingham	●	0-1
East Weymouth	●	0-1
Weymouth Landing/ East Braintree	●	0-1
Quincy Center	●	0-1
JFK/UMass	●	0
South Station	●	0-1
Total Travel Time	59'	

BI-DIRECTIONAL SERVICE

- ★ Approximately half of trains stop at JFK/UMass during peak period.
- Station Stop
- Greenbush Existing Station
- Approx. Hourly Service
- Approx. Bi-Hourly Service

Alternative 5

Newburyport/Rockport Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Rockport Local Every 60 Min.	Rockport Branch Every 60 Min.	Newburyport Local Every 60 Min.	Newburyport Branch Every 60 Min.	Urban Rail Every 30 Min.	TOTAL PEAK HOUR TRAINS
Rockport	●	●				2
Gloucester	●	●				2
West Gloucester	●	●				2
Manchester	●	●				2
Beverly Farms	●	●				2
Prides Crossing	●	●				2
Montserrat	●	●				2
Newburyport	●	●	●	●		2
Rowley			●	●		2
Ipswich			●	●		2
Hamilton/Wenham			●	●		2
North Beverly			●	●		2
Beverly	●	●	●	●	●	4
Salem	●		●		●	4
Swampscott	●		●		●	4
Lynn	●		●		●	4
River Works	●		●		●	4
Wonderland	●		●		●	4
Chelsea	●		●		●	4
North Station	●		●		●	4
Total Travel Time	85'	43'	74'	33'	35'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Rockport Local Every 60 Min.	Newburyport Local Every 60 Min.	Urban Rail Every 30 Min.	TOTAL OFF-PEAK HOUR TRAINS
Rockport	●			1
Gloucester	●			1
West Gloucester	●			1
Manchester	●			1
Beverly Farms	●			1
Prides Crossing	●			1
Montserrat	●			1
Newburyport	●	●		1
Rowley		●		1
Ipswich		●		1
Hamilton/Wenham		●		1
North Beverly		●		1
Beverly	●	●	●	4
Salem	●	●	●	4
Swampscott	●	●	●	4
Lynn	●	●	●	4
River Works	●	●	●	4
Wonderland	●	●	●	4
Chelsea	●	●	●	4
North Station	●	●	●	4
Total Travel Time	85'	74'	35'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Newburyport Existing Station
- Salem Existing Inner Core Station
- Wonderland Proposed New Inner Core Station
- Hourly Service
- Hourly EMU Service

Haverhill Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	Urban Rail	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min.	Every 30 Min.	
Haverhill	●		2
Bradford	●		2
Lawrence	●		2
Andover	●		2
Ballardvale	●		2
North Wilmington	●		2
I-93	●	●	4
Reading	●	●	4
Wakefield	●	●	4
Greenwood	●	●	4
Melrose Highlands	●	●	4
Melrose Cedar Park	●	●	4
Wyoming Hill	●	●	4
Malden Center	●	●	4
North Station	●	●	4
Total Travel Time	68'	34'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	Local	Urban Rail	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	Every 60 Min.	Every 30 Min.	
Haverhill	●			1
Bradford	●			1
Lawrence	●			1
Andover	●			1
Ballardvale	●			1
North Wilmington	●			1
I-93	●	●	●	4
Reading	●	●	●	4
Wakefield	●	●	●	4
Greenwood	●	●	●	4
Melrose Highlands	●	●	●	4
Melrose Cedar Park	●	●	●	4
Wyoming Hill	●	●	●	4
Malden Center	●	●	●	4
North Station	●	●	●	4
Total Travel Time	68'	37'	34'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Lawrence Existing Station
- Reading Existing Inner Core Station
- I-93 Proposed New Inner Core Station
- Hourly Service
- Hourly EMU Service

Lowell Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local		Urban Rail	TOTAL PEAK HOUR TRAINS
	Every 30 Min.		Every 30 Min.	
Lowell	●	●		2
North Billerica	●	●		2
Wilmington	●	●		2
Anderson/Woburn	●	●	● ●	4
Mishawum	●	●	● ●	4
Winchester Center	●	●	● ●	4
Wedgemere	●	●	● ●	4
West Medford	●	●	● ●	4
North Station	●	●	● ●	4
Total Travel Time	49'		23'	

OFF-PEAK HOUR (REPEATING)

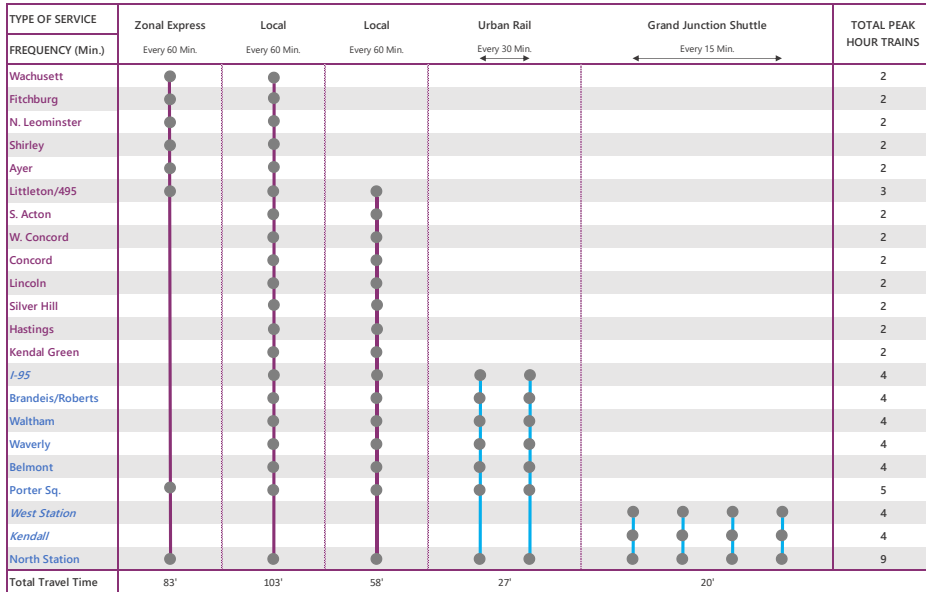
TYPE OF SERVICE	Local	Local	Urban Rail	TOTAL OFF-PEAK HOUR TRAINS
	Every 60 Min.	Every 60 Min.	Every 30 Min.	
Lowell	●			1
North Billerica	●			1
Wilmington	●			1
Anderson/Woburn	●	●	● ●	4
Mishawum	●	●	● ●	4
Winchester Center	●	●	● ●	4
Wedgemere	●	●	● ●	4
West Medford	●	●	● ●	4
North Station	●	●	● ●	4
Total Travel Time	49'	27'	23'	

BI-DIRECTIONAL SERVICE

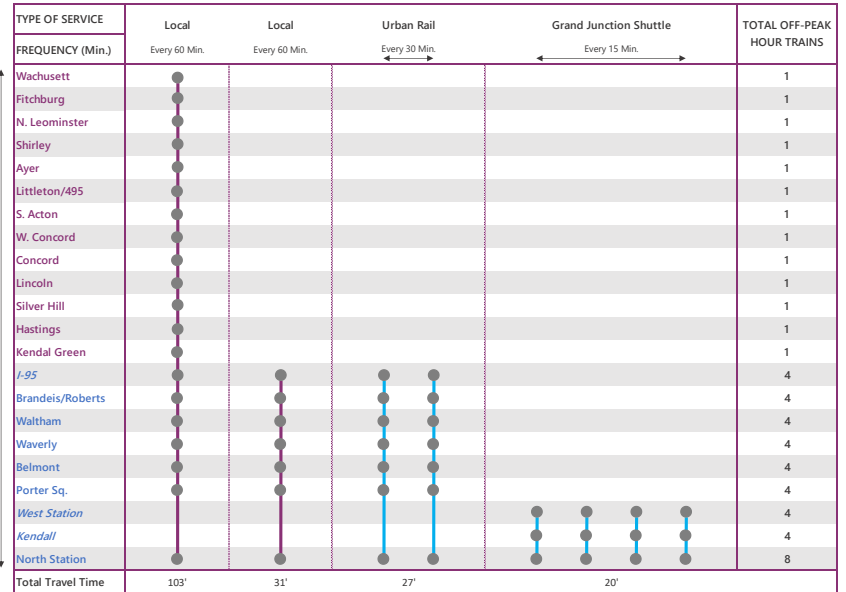
- Station Stop
- Lowell Existing Station
- Anderson/Woburn Existing Inner Core Station
- Hourly Service
- Hourly EMU Service

Fitchburg Line

PEAK HOUR (REPEATING)



OFF-PEAK HOUR (REPEATING)



BI-DIRECTIONAL SERVICE

- Station Stop
- Littleton/495 Existing Station
- Waltham Existing Inner Core Station
- I-95 Proposed New Inner Core Station
- Hourly Service
- Hourly EMU Service

Worcester Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Express	Local		Urban Rail	TOTAL PEAK HOUR TRAINS
	FREQUENCY (Min.) Every 60 Min.	Every 30 Min.		Every 30 Min.	
Worcester	●	●	●		3
Grafton		●	●		2
Westborough		●	●		2
Southborough		●	●		2
Ashland		●	●		2
Framingham	●	●	●		3
West Natick		●	●		2
Natick Center		●	●		2
Wellesley Square		●	●		2
Wellesley Hills		●	●		2
Wellesley Farms		●	●		2
Riverside		●	●	● ●	4
Auburndale		●	●	● ●	4
W. Newton		●	●	● ●	4
Newtonville		●	●	● ●	4
Boston Landing		●	●	● ●	4
West Station		●	●	● ●	4
Lansdowne	●	●	●	● ●	5
Back Bay	●	●	●	● ●	5
South Station	●	●	●	● ●	5
Total Travel Time	70'	101'		30'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Express	Local		Urban Rail	TOTAL OFF-PEAK HOUR TRAINS
	FREQUENCY (Min.) Every 60 Min.	Every 30 Min.		Every 30 Min.	
Worcester	●	●	●		3
Grafton		●	●		2
Westborough		●	●		2
Southborough		●	●		2
Ashland		●	●		2
Framingham	●	●	●		3
West Natick		●	●		2
Natick Center		●	●		2
Wellesley Square		●	●		2
Wellesley Hills		●	●		2
Wellesley Farms		●	●		2
Riverside		●	●	● ●	4
Auburndale		●	●	● ●	4
W. Newton		●	●	● ●	4
Newtonville		●	●	● ●	4
Boston Landing		●	●	● ●	4
West Station		●	●	● ●	4
Lansdowne	●	●	●	● ●	5
Back Bay	●	●	●	● ●	5
South Station	●	●	●	● ●	5
Total Travel Time	70'	101'		30'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Framingham Existing Station
- Lansdowne Existing Inner Core Station
- West Station Proposed New Inner Core Station
- Hourly Service
- Hourly EMU Service

Needham Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Urban Rail	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 15 Min.	
Needham Heights	● ● ● ●	4
Needham Center	● ● ● ●	4
Needham Junction	● ● ● ●	4
Hersey	● ● ● ●	4
West Roxbury	● ● ● ●	4
Highland	● ● ● ●	4
Bellevue	● ● ● ●	4
Roslindale Village	● ● ● ●	4
Forest Hills	● ● ● ●	4
Ruggles	● ● ● ●	4
Back Bay	● ● ● ●	4
South Station	● ● ● ●	4
Total Travel Time	37'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Urban Rail	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 15 Min.	
Needham Heights	● ● ● ●	4
Needham Center	● ● ● ●	4
Needham Junction	● ● ● ●	4
Hersey	● ● ● ●	4
West Roxbury	● ● ● ●	4
Highland	● ● ● ●	4
Bellevue	● ● ● ●	4
Roslindale Village	● ● ● ●	4
Forest Hills	● ● ● ●	4
Ruggles	● ● ● ●	4
Back Bay	● ● ● ●	4
South Station	● ● ● ●	4
Total Travel Time	37'	

BI-DIRECTIONAL SERVICE

- Station Stop
- West Roxbury Existing Inner Core Station
- Hourly EMU Service

Franklin Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min. ↔	
Forge Park/495	● ●	2
Franklin	● ●	2
Norfolk	● ●	2
Walpole	● ●	2
Plimptonville	● ★	0 ★
Windsor Gardens	● ●	2
Norwood Central	● ●	2
Norwood Depot	● ●	2
Islington	● ●	2
Dedham Corp Ctr	● ●	2
Endicott	● ●	2
Readville	● ●	2
Ruggles	● ●	2
Back Bay	● ●	2
South Station	● ●	2
Total Travel Time	61'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	
Forge Park/495	●	1
Franklin	●	1
Norfolk	●	1
Walpole	●	1
Plimptonville		0
Windsor Gardens	●	1
Norwood Central	●	1
Norwood Depot	●	1
Islington	●	1
Dedham Corp Ctr	●	1
Endicott	●	1
Readville	●	1
Ruggles	●	1
Back Bay	●	1
South Station	●	1
Total Travel Time	61'	

BI-DIRECTIONAL SERVICE

★ One train per day stops at Plimptonville.

● Station Stop

Norwood Central Existing Station

— Hourly Service

Fairmount Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Urban Rail	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	← Every 15 Min. →	
Readville	● ● ● ●	4
Fairmount	● ● ● ●	4
Blue Hill Ave.	● ● ● ●	4
Morton St.	● ● ● ●	4
Talbot Ave.	● ● ● ●	4
Four Corners/Geneva	● ● ● ●	4
Uphams Corner	● ● ● ●	4
Newmarket	● ● ● ●	4
South Station	● ● ● ●	4
Total Travel Time	25'	

OFF-PEAK HOUR (REPEATING)

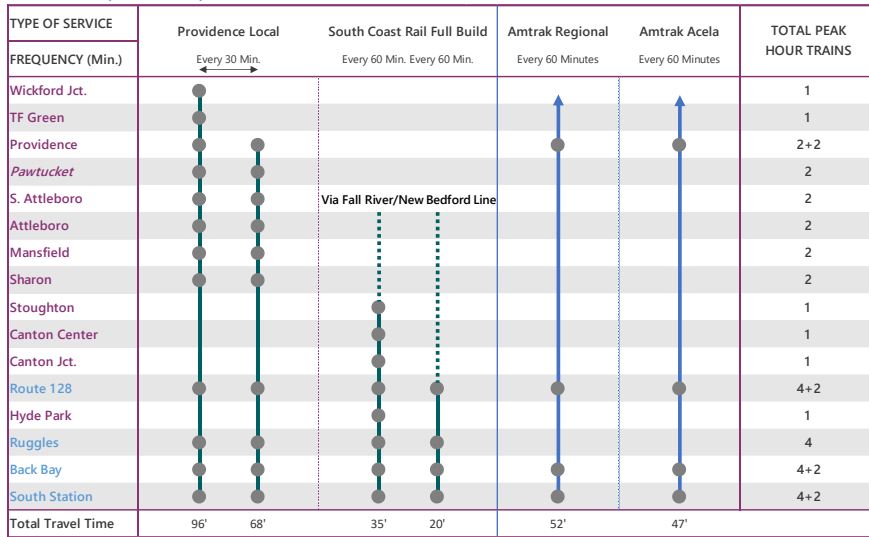
TYPE OF SERVICE	Urban Rail	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	← Every 15 Min. →	
Readville	● ● ● ●	4
Fairmount	● ● ● ●	4
Blue Hill Ave.	● ● ● ●	4
Morton St.	● ● ● ●	4
Talbot Ave.	● ● ● ●	4
Four Corners/Geneva	● ● ● ●	4
Uphams Corner	● ● ● ●	4
Newmarket	● ● ● ●	4
South Station	● ● ● ●	4
Total Travel Time	25'	

BI-DIRECTIONAL SERVICE

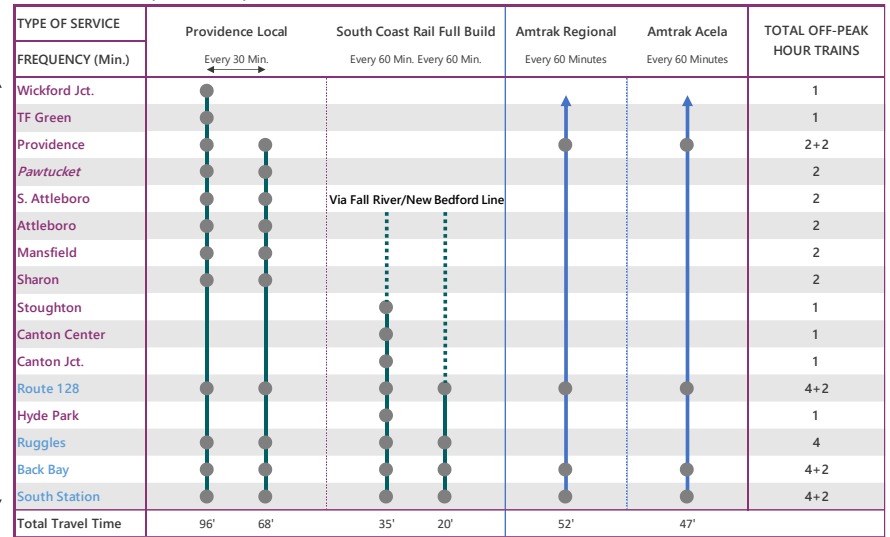
- Station Stop
- Talbot Ave. Existing Inner Core Station
- Hourly EMU Service

Providence/Stoughton Line

PEAK HOUR (REPEATING)



OFF-PEAK HOUR (REPEATING)



BI-DIRECTIONAL SERVICE

- Station Stop
- Providence Existing Station
- Pawtucket Proposed New Station
- Route 128 Existing Inner Core Station
- Hourly Electrified Service
- - - Hourly Electrified Interline Service
- Amtrak Service

Fall River/New Bedford Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Fall River	New Bedford	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	Every 60 Min.	
<i>Battleship Cove</i>	●		1
<i>Fall River</i>	●		1
<i>Freetown</i>	●		1
<i>New Bedford</i>		●	1
<i>North New Bedford</i>		●	1
<i>East Taunton</i>	●	●	2
<i>Taunton</i>	●	●	1
<i>Raynham Place</i>	●	●	1
<i>Easton Village</i>	●	●	1
<i>North Easton</i>	●	●	2
Stoughton	●	●	1
Canton Center	●	●	1
Canton Jct.	●	●	1
Route 128	●	●	2
Hyde Park	●	●	2
Ruggles	●	●	2
Back Bay	●	●	2
South Station	●	●	2
Total Travel Time	77'	73'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Fall River	New Bedford	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	Every 60 Min.	
<i>Battleship Cove</i>	●		1
<i>Fall River</i>	●		1
<i>Freetown</i>	●		1
<i>New Bedford</i>		●	1
<i>North New Bedford</i>		●	1
<i>East Taunton</i>	●	●	2
<i>Taunton</i>	●	●	1
<i>Raynham Place</i>	●	●	1
<i>Easton Village</i>	●	●	1
<i>North Easton</i>	●	●	2
Stoughton	●	●	1
Canton Center	●	●	1
Canton Jct.	●	●	1
Route 128	●	●	2
Hyde Park	●	●	2
Ruggles	●	●	2
Back Bay	●	●	2
South Station	●	●	2
Total Travel Time	77'	73'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Stoughton Existing Station
- North New Bedford* Proposed New Station
- Route 128 Existing Inner Core Station
- Hourly Electrified Service

Middleborough Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min. ←→	
<i>Middleborough</i>	● ●	2
Bridgewater	● ●	2
Campello	● ●	2
Brockton	● ●	2
Montello	● ●	2
Holbrook/Randolph	● ●	2
Braintree	● ●	2
Quincy Center	● ●	2
JFK/UMass	● ●	2
South Station	● ●	2
Total Travel Time	60'	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	
<i>Middleborough</i>	●	1
Bridgewater	●	1
Campello	●	1
Brockton	●	1
Montello	●	1
Holbrook/Randolph	●	1
Braintree	●	1
Quincy Center	●	1
JFK/UMass	●	1
South Station	●	1
Total Travel Time	60'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Bridgewater Existing Station
- Middleborough* Proposed New Station
- Hourly Service

Kingston/Plymouth Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local Interline	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min. ↔	
Plymouth		0
Kingston	● ●	2
Halifax	● ●	2
Hanson	● ●	2
Whitman	● ●	2
Abington	● ●	2
South Weymouth	● ●	2
Braintree	● ●	2
	⋮ ⋮	0
	Via Greenbush Line	0
	⋮ ⋮	0
Total Travel Time	64'*	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local Interline	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	
Plymouth		0
Kingston	●	1
Halifax	●	1
Hanson	●	1
Whitman	●	1
Abington	●	1
South Weymouth	●	1
Braintree	●	1
	⋮	1
Quincy Center		1
JFK/UMass	Via Greenbush Line	1
South Station	⋮	1
Total Travel Time	64'*	

BI-DIRECTIONAL SERVICE

*Note: Travel times shown are to/from Boston in the peak direction. Travel times are longer in the reverse peak direction.

- Station Stop
- Kingston Existing Station
- Hourly Service
- - - Hourly Interline Service

Greenbush Line

PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local Interline	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min. ←→	
Greenbush	●	2
North Scituate	●	2
Cohasset	●	2
Nantasket Jct.	●	2
West Hingham	●	2
East Weymouth	●	2
Weymouth Landing/ East Braintree	●	2
Braintree	●	2
	⋮	0
	Via Kingston Line	0
	⋮	0
Total Travel Time	68*	

OFF-PEAK HOUR (REPEATING)

TYPE OF SERVICE	Local Interline	TOTAL OFF-PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	
Greenbush	●	1
North Scituate	●	1
Cohasset	●	1
Nantasket Jct.	●	1
West Hingham	●	1
East Weymouth	●	1
Weymouth Landing/ East Braintree	●	1
Braintree	●	1
	⋮	
Quincy Center		1
JFK/UMass	Via Kingston Line	1
South Station	⋮	1
Total Travel Time	68*	

BI-DIRECTIONAL SERVICE

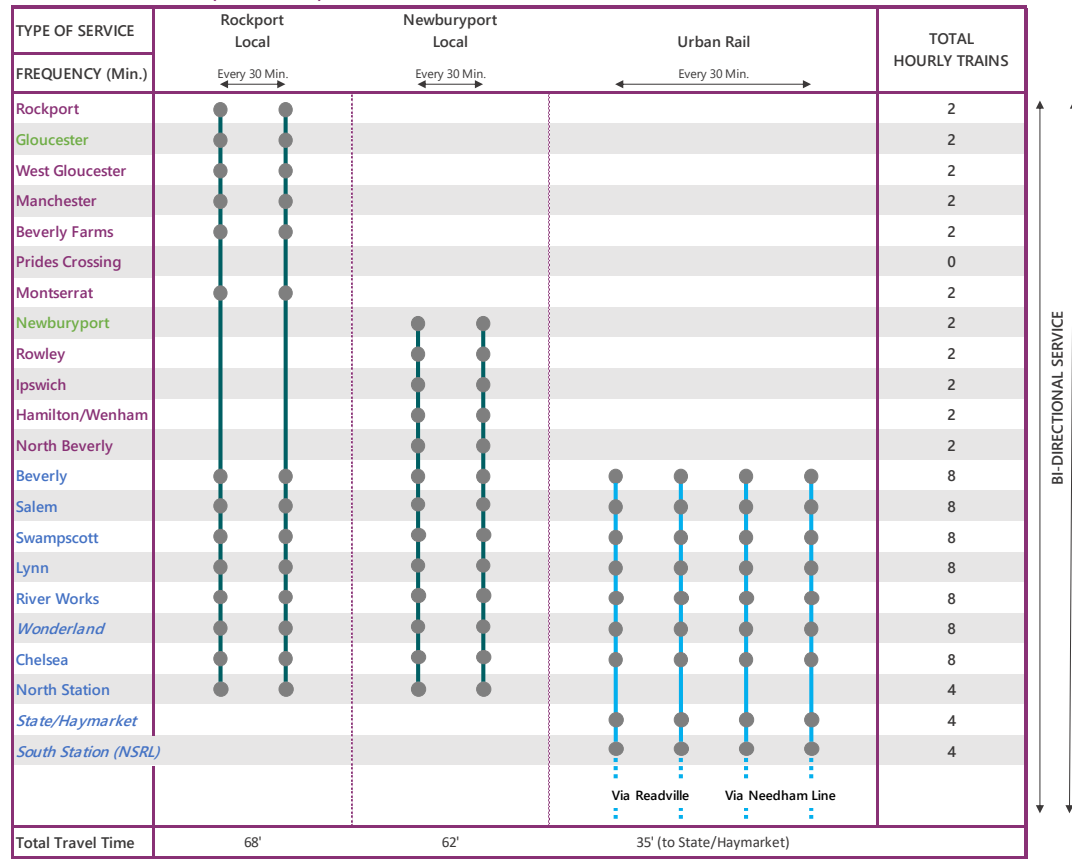
*Note: Travel times shown are to/from Boston in the peak direction. Travel times are longer in the reverse peak direction.

- Station Stop
- Greenbush Existing Station
- Hourly Service
- - - Hourly Interline Service

Alternative 6

Newburyport/Rockport Line

ALL DAY EACH HOUR (REPEATING)



- Station Stop
- Gloucester Existing Non-Inner Core Key Station
- Newburyport Existing Station
- Salem Existing Inner Core Station
- Wonderland Proposed New Inner Core Station
- Hourly Electrified Service (EMU)
- Hourly Urban Rail Service (EMU)

Haverhill Line

ALL DAY EACH HOUR (REPEATING)

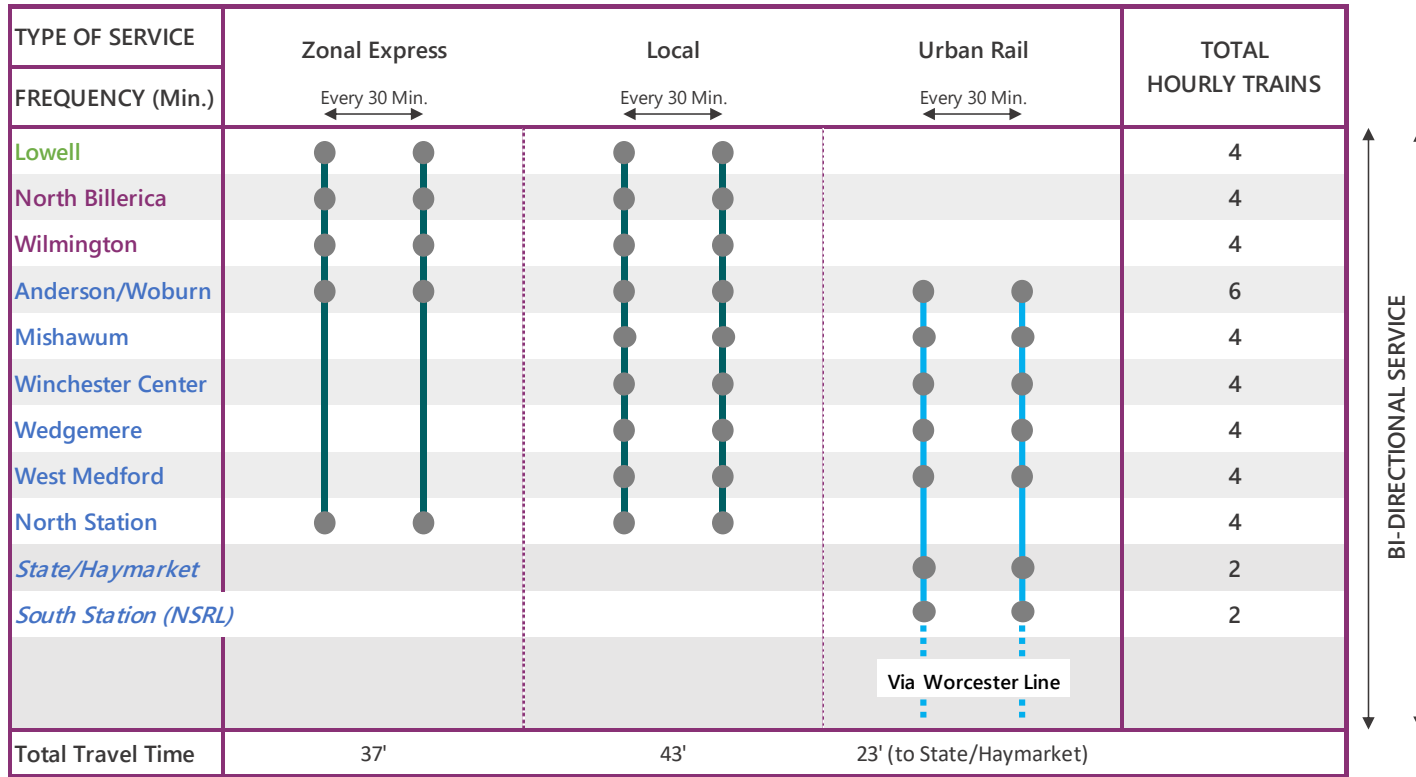
TYPE OF SERVICE	Zonal Express	Local	Urban Rail	TOTAL HOURLY TRAINS
FREQUENCY (Min.)	Every 30 Min.	Every 30 Min.	Every 30 Min.	
Haverhill	● ●	● ●		4
Bradford	● ●	● ●		4
Lawrence	● ●	● ●		4
Andover	● ●	● ●		4
Ballardvale	● ●	● ●		4
North Wilmington	● ●	● ●		4
I-93	● ●	● ●	● ●	6
Reading		● ●	● ●	4
Wakefield		● ●	● ●	4
Greenwood		● ●	● ●	4
Melrose Highlands		● ●	● ●	4
Melrose Cedar Park		● ●	● ●	4
Wyoming Hill		● ●	● ●	4
Malden Center		● ●	● ●	4
North Station	● ●	● ●	● ●	4
State/Haymarket			● ●	2
South Station (NSRL)			● ●	2
			Via Needham Line	
Total Travel Time	53'	64'	34' (to State/Haymarket)	

BI-DIRECTIONAL SERVICE

- Station Stop
- Lawrence Existing Non-Inner Core Key Station
- Andover Existing Station
- Reading Existing Inner Core Station
- I-93 Proposed New Inner Core Station
- Hourly Electrified Service (EMU)
- Hourly Urban Rail Service (EMU)

Lowell Line

ALL DAY EACH HOUR (REPEATING)



- Station Stop
- Lowell Existing Non-Inner Core Key Station
- Wilmington Existing Station
- Anderson/Woburn Existing Inner Core Station
- State/Haymarket Proposed New Inner Core Station
- Hourly Electrified Service (EMU)
- Hourly Urban Rail Service (EMU)

Fitchburg Line

ALL DAY EACH HOUR (REPEATING)

TYPE OF SERVICE	Zonal Express	Local	Urban Rail	Grand Junction Shuttle	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min.	Every 30 Min.	Every 30 Min.	Every 15 Min.	
Wachusett	●	●			4
Fitchburg	●	●			4
N. Leominster	●	●			4
Shirley	●	●			4
Ayer	●	●			4
Littleton/495	●	●			4
S. Acton	●	●			4
W. Concord	●	●			4
Concord	●	●			4
Lincoln	●	●			4
Silver Hill					0
Hastings					0
Kendal Green					0
I-95	●	●	●		6
Brandeis/Roberts		●	●		4
Waltham		●	●		4
Waverly		●	●		4
Belmont		●	●		4
Porter Sq.	●	●	●		6
West Station				●	4
Kendall				●	4
North Station	●	●	●	●	8
State/Haymarket			●		2
South Station (NSRL)			●		2
			Via Readville		
Total Travel Time	85'	78'	27' (to State/Haymarket)	20'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Fitchburg Existing Non-Inner Core Key Station
- Concord Existing Station
- Waltham Existing Inner Core Station
- I-95 Proposed New Inner Core Station
- Hourly Electrified Service (EMU)
- Hourly Urban Rail Service (EMU)

Worcester Line

ALL DAY EACH HOUR (REPEATING)

TYPE OF SERVICE	Zonal Express	Local	Urban Rail	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min.	Every 30 Min.	Every 30 Min.	
Worcester	●	●		4
Grafton	●	●		4
Westborough	●	●		4
Southborough	●	●		4
Ashland	●	●		4
Framingham	●	●		4
West Natick	●	●		4
Natick Center	●	●		4
Wellesley Square	●	●		4
Wellesley Hills	●	●		4
Wellesley Farms	●	●		4
Riverside		●	●	4
Auburndale		●	●	4
W. Newton		●	●	4
Newtonville		●	●	4
Boston Landing		●	●	4
West Station		●	●	4
Lansdowne	●	●	●	6
Back Bay	●	●	●	6
South Station	●	●	●	4
South Station (NSRL)			●	2
State/Haymarket			●	2
			Via Lowell Line	
Total Travel Time	78'	87'	29' (to S. Station)	

BI-DIRECTIONAL SERVICE

- Station Stop
- Worcester Existing Non-Inner Core Key Station
- Southborough Existing Station
- Lansdowne Existing Inner Core Station
- West Station Proposed New Inner Core Station
- Hourly Electrified Service (EMU)
- Hourly Urban Rail Service (EMU)

Needham Line

ALL DAY EACH HOUR (REPEATING)

TYPE OF SERVICE	Urban Rail	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	← Every 15 Min. →	
Needham Heights	● ● ● ●	4
Needham Center	● ● ● ●	4
Needham Junction	● ● ● ●	4
Hersey	● ● ● ●	4
West Roxbury	● ● ● ●	4
Highland	● ● ● ●	4
Bellevue	● ● ● ●	4
Roslindale Village	● ● ● ●	4
Forest Hills	● ● ● ●	4
Ruggles	● ● ● ●	4
Back Bay	● ● ● ●	4
South Station		0
<i>South Station (NSRL)</i>	● ● ● ●	4
<i>State/Haymarket</i>	● ● ● ●	4
	Via Newburyport/ Rockport Line Via Haverhill Line	
Total Travel Time	37' (to S. Station)	

BI-DIRECTIONAL SERVICE

- Station Stop
- West Roxbury Existing Inner Core Station
- State/Haymarket* Proposed New Inner Core Station
- Hourly Urban Rail Service (EMU)

Franklin Line

ALL DAY EACH HOUR (REPEATING)

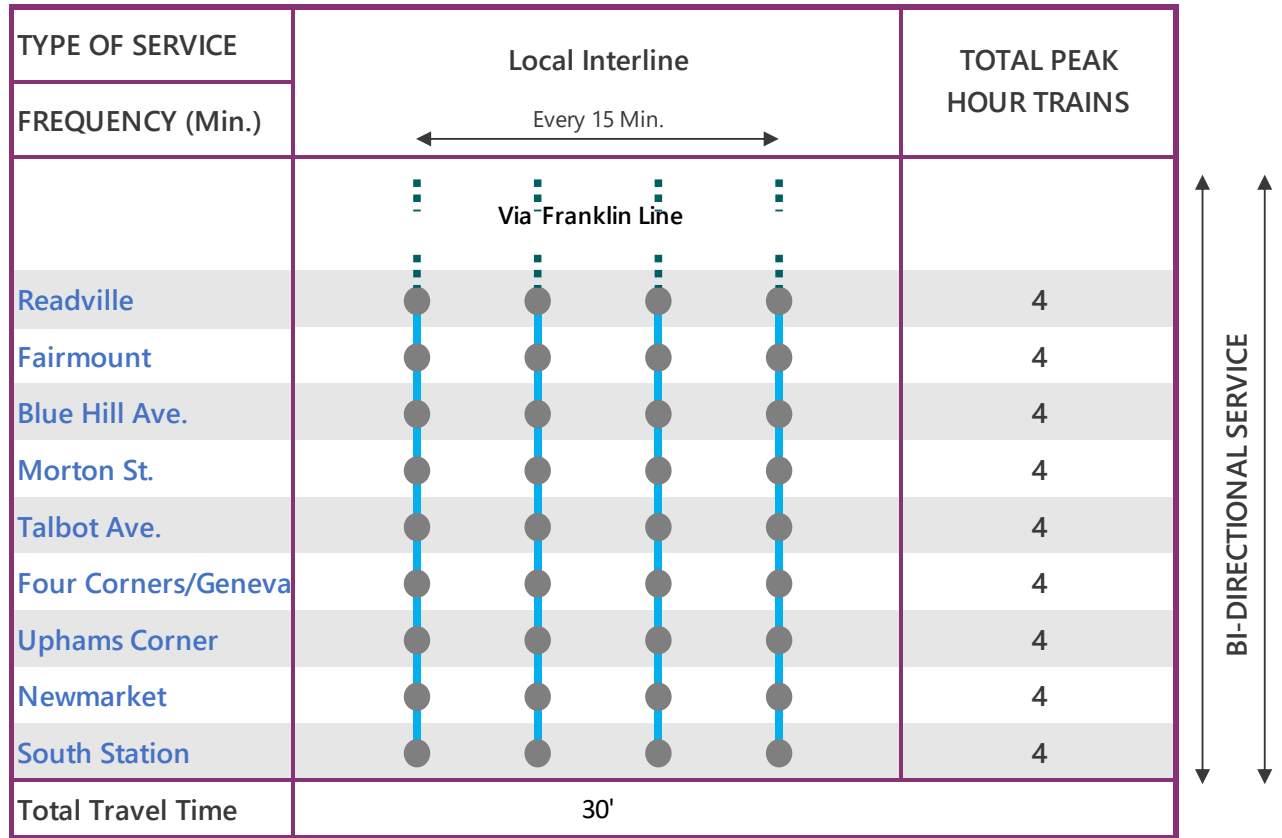
TYPE OF SERVICE	Local Frankiklin Interline	Local Foxboro Interline	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min.	Every 30 Min.	
Forge Park/495	● ●		2
Franklin	● ●		2
Norfolk	● ●		2
Foxboro		● ●	2
Walpole	● ●	● ●	4
Plimptonville			0
Windsor Gardens	● ●	● ●	4
Norwood Central	● ●	● ●	4
Norwood Depot	● ●	● ●	4
Islington	● ●	● ●	4
Dedham Corp Ctr	● ●	● ●	4
Endicott	● ●	● ●	4
Readville	● ●	● ●	4
Ruggles	● ●	● ●	0
Back Bay	● ●	● ●	0
South Station	● ●	● ●	0
South Station (NSRL)			0
State/Haymarket			0
Total Travel Time	73'	60'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Norwood Central Key Existing Station
- State/Haymarket Key Proposed New Station
- Islington Existing Station
- Hourly Electrified Service (EMU)
- - - Hourly Electrified Interline Urban Rail Service (EMU)

Fairmount Line

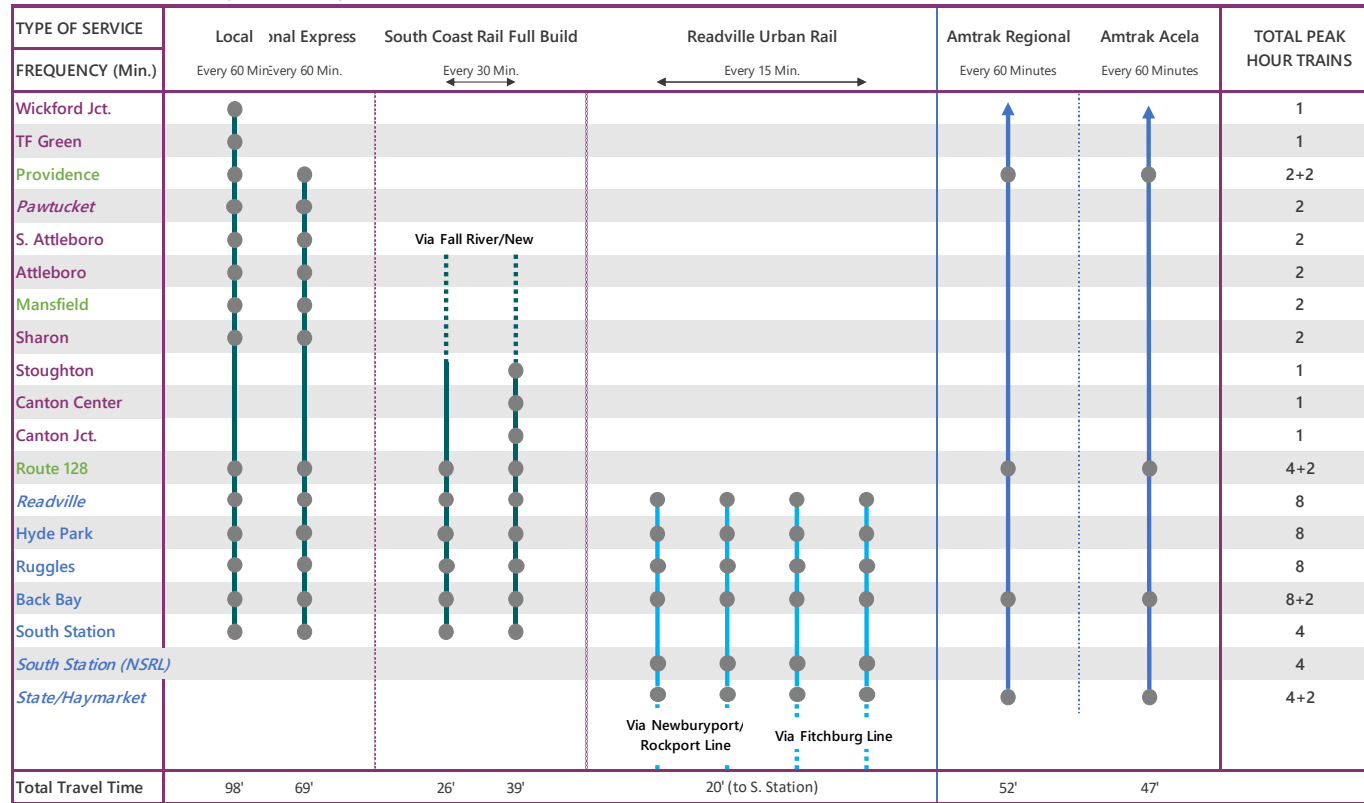
ALL DAY EACH HOUR (REPEATING)



- Station Stop
- Talbot Ave. Existing Inner Core Station
- Hourly Electrified Interline Service (EMU)
- Hourly Urban Rail Service (EMU)

Providence/Stoughton Line

ALL DAY EACH HOUR (REPEATING)



BI-DIRECTIONAL SERVICE

- Station Stop
- Providence Key Existing Station
- State/Haymarket Key Proposed New Station
- Ruggles Existing Inner Core Station
- State/Haymarket Proposed New Inner Core Station
- Sharon Existing Station
- Pawtucket Proposed New Station
- Hourly Electrified Service (EMU)
- - - Hourly Electrified Interline Service (EMU)
- Hourly Urban Rail Service (EMU)

Fall River/New Bedford Line

ALL DAY EACH HOUR (REPEATING)

TYPE OF SERVICE	Fall River Local	New Bedford Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 60 Min.	Every 60 Min.	
<i>Battleship Cove</i>	●		1
<i>Fall River</i>	●		1
<i>Freetown</i>	●		1
<i>New Bedford</i>		●	1
<i>North New Bedford</i>		●	1
<i>East Taunton</i>	●	●	2
<i>Taunton</i>	●	●	1
<i>Raynham Place</i>	●		1
<i>Easton Village</i>	●		1
<i>North Easton</i>	●	●	2
Stoughton		●	1
Canton Center		●	1
Canton Jct.		●	1
Route 128	●	●	2
<i>Readville</i>	●	●	2
Hyde Park	●	●	2
Ruggles	●	●	2
Back Bay	●	●	2
South Station	●	●	2
Total Travel Time	83'	77'	

BI-DIRECTIONAL SERVICE

- Station Stop
- Route 128 Key Existing Station
- Fall River* Key Proposed New Station
- Stoughton Existing Station
- North New Bedford* Proposed New Station
- Hourly Electrified Service (EMU)

Middleborough Line

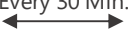
ALL DAY EACH HOUR (REPEATING)


TYPE OF SERVICE	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min.	
<i>Middleborough</i>	● ●	2
Bridgewater	● ●	2
Campello	● ●	2
Brockton	● ●	2
Montello	● ●	2
Holbrook/Randolph	● ●	2
Braintree	● ●	2
Quincy Center	● ●	2
JFK/UMass	● ●	2
South Station	● ●	2
Total Travel Time	55'	

- Station Stop
- Brockton Key Existing Station
- Bridgewater Existing Station
- Middleborough* Proposed New Station
- Hourly Electrified Service (EMU)

Kingston/Plymouth Line

ALL DAY EACH HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min. 	
Plymouth		0
Kingston	● ●	2
Halifax	● ●	2
Hanson	● ●	2
Whitman	● ●	2
Abington	● ●	2
South Weymouth	● ●	2
Braintree	● ●	2
Quincy Center	● ●	2
JFK/UMass	● ●	2
South Station	● ●	2
Total Travel Time	52'	




BI-DIRECTIONAL SERVICE

- Station Stop
- Kingston Key Existing Station
- Whitman Existing Station
- Hourly Electrified Service (EMU)

Greenbush Line

ALL DAY EACH HOUR (REPEATING)

TYPE OF SERVICE	Local	TOTAL PEAK HOUR TRAINS
FREQUENCY (Min.)	Every 30 Min. ←→	
Greenbush	● ●	2
North Scituate	● ●	2
Cohasset	● ●	2
Nantasket Jct.	● ●	2
West Hingham	● ●	2
East Weymouth	● ●	2
Weymouth Landing/ East Braintree	● ●	2
Quincy Center	● ●	2
JFK/UMass	● ●	2
South Station	● ●	2
Total Travel Time	52'	



- Station Stop
- Greenbush Existing Station
- Hourly Electrified Service (EMU)