

## Fitchburg Route (FR) Tower A (exclusive) – CPF WL (exclusive)

The Fitchburg Route letter Designation is “F”. All Line special instructions governing operations on the Fitchburg Route will be prefixed with the Letter F – All Mile Posts will be prefixed with the letters BF”.

Station	MP	INT	PS	DIB	Notes
Swift (Grand Jct. Running Track)	BF 1.4	X	...	...	MPF, 1
Porter Square	BF 3.4	...	X	...	...
Horgan	BF 6.0	X	...	...	MPF
Belmont	BF 6.4	...	X	E	...
Waverley	BF 7.4	...	X	E	...
Beaver Brook	BF 9.4	X	...	...	...
Waltham	BF 9.8	...	X	E	...
Riverview	BF 9.9	X	...	...	...
Brandeis/Roberts	BF 11.5	...	X	E	...
Kendal Green	BF 13.2	...	X	...	...
Hastings	BF 13.7	...	X	...	...
Silver Hill	BF 14.7	...	X	...	...
Lincoln	BF 16.7	...	X	W	...
Hills (Lincoln Siding 900 feet)	BF 18.0	X	...	...	...
Concord	BF 20.1	...	X	...	...
West Concord	BF 21.9	...	X	...	...
Maynard Junction	BF 25.0	X	...	...	...
South Acton	<i>BF 25.3</i>	...	X	E	...
Tenney	<i>BF 30.0</i>	X	...	...	...
Littleton/Route 495	<i>BF 30.1</i>	...	X	E	...

E

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W

- In the DIB column, Stations that are identified by E “East” W “West” are designated passenger stations where Delay in block is in effect for that direction, movements are governed by Rule 504b.
- In the Notes column, Stations that are identified by MPF are equipped with Moveable point frogs.

**Note 1:** When necessary, the switches associated with the movable point frog within Swift Interlocking must only be operated by an Engineering Department Employee qualified on its operation.

### 240-F1. Signal Rules and Current of Traffic

Location	Tracks are Numbered North to South		
	No. 1	No. 2	Single
Tower A to Beaver Brook	261	261	...
Beaver Brook to Riverview	...	...	261
Riverview to CPF-WL	261	261	...

**Fitchburg Route (FR)**  
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**37-F1. Maximum Speeds and Speed Restrictions, Unless Otherwise Restricted**

PASSENGER TRAINS				
Between/At	Track			
	Single	No. 1	No. 2	Notes
NL of Tower A & McGrath Highway OH Br MP BF 1.44	...	25	25	...
McGrath Highway OH Br MP BF 1.44 & CPF-WL	79	79	79	...
<b>McGrath Highway OH Br MP BF 1.44 &amp; Cv MP 2.2</b>	...	<b>60</b>	<b>60</b>	...
<b>Cv MP BF 2.2 &amp; MP BF 2.4</b>	...	<b>55</b>	<b>55</b>	...
<b>MP BF 2.4 &amp; Cv at Porter Square</b>	...	<b>60</b>	<b>60</b>	...
<b>Cv through Porter Square</b>	...	<b>35</b>	<b>40</b>	<b>B</b>
<b>Alewife Brook Parkway OH Br MP BF 4.59 &amp; Cv MP BF 5.4</b>	...	<b>75</b>	<b>75</b>	...
<b>Cv MP BF 6.4 &amp; MP BF 6.7</b>	...	<b>50</b>	<b>50</b>	B
<b>Cv MP BF 6.7 &amp; Beaver Brook</b>	...	<b>70</b>	<b>70</b>	...
<b>Beaver Brook &amp; Riverview (West only)</b>	<b>40</b>	...	...	...
<b>Beaver Brook &amp; Newton St OH Br MP BF 9.51 (East only)</b>	<b>70</b>	<b>70</b>	<b>70</b>	...
<b>Newton St OH Br MP BF 9.51 &amp; EL of Riverview (East only)</b>	<b>60</b>	...	...	...
<b>While Passing through Riverview</b>	<b>40</b>	<b>40</b>	<b>40</b>	...
<b>Riverview &amp; Cv MP BF 11.2</b>	...	<b>60</b>	<b>60</b>	...
<b>Cv MP BF 11.2 &amp; South St. MP BF 11.5</b>	...	<b>40</b>	<b>40</b>	...
<b>Cv South St. MP BF 11.5 &amp; MP BF 12.0</b>	...	<b>55</b>	<b>55</b>	...
<b>Cv MP BF 12 &amp; Central Mass OH Br MP BF 12.8</b>	...	<b>60</b>	<b>60</b>	...
<b>Central Mass OH Br MP BF 12.8 &amp; MP BF 14</b>	...	<b>70</b>	<b>70</b>	...
<b>MP BF 14 &amp; Silver Hill</b>	...	<b>70</b>	<b>65</b>	...
<b>Silver Hill MP BF 15.45</b>	...	<b>70</b>	<b>70</b>	...
<b>Cv MP BF 15.45 &amp; Culvert MP BF 16.36</b>	...	<b>60</b>	<b>55</b>	E
<b>Lincoln Rd. MP BF 16.7 &amp; the WL of Lincoln Station</b>	...	<b>60</b>	...	...
<b>Cv MP BF 19.8 &amp; MP BF 20.3</b>	...	<b>40</b>	<b>40</b>	B
<b>Cv MP BF 20.3 &amp; Old Stow Rd. OH Br MP BF 22.74</b>	...	<b>65</b>	<b>65</b>	...
<b>Old Stow Rd. OH Br MP BF 22.74 &amp; Cv MP BF 24.6</b>	...	<b>70</b>	<b>70</b>	...
<b>Cv MP BF 24.6 &amp; EL of Maynard Junction</b>	...	<b>60</b>	<b>60</b>	...
<b>EL of Maynard Junction &amp; WL of South Acton</b>	...	<b>50</b>	<b>50</b>	...
<b>WL of South Acton &amp; Culvert MP BF 26.25</b>	...	<b>60</b>	<b>60</b>	...
<b>Foster Street MP BF 30.1 &amp; Route 495 OH Br MP BF 30.47</b>	...	<b>45</b>	...	<b>B</b>
<b>Cv MP BF 31.15 &amp; MP BF 31.65</b>	...	<b>70</b>	<b>70</b>	...
<b>MP BF 33 &amp; EL of CPF-WL</b>	...	<b>55</b>	<b>55</b>	<b>B</b>

In the Notes column, rule 94-S3 applies in the direction noted: E (East), W (West), B (Both).

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FREIGHT TRAINS				
Between/At	Track			
	Single	No. 1	No. 2	Notes
NL of Tower A & CPF-WL	40	40	40	...
NL of Tower A & McGrath Highway OH Br MP BF 1.44	...	10	10	...
McGrath Highway OH Br MP BF 1.44 & Cv MP BF 2.2	...	25	25	...
Cv Through Porter Square & Alewife Brook Parkway OH Br MP BF 4.59	...	25	25	...
Horgan & Riverview	...	35	35	...
While passing through Riverview (East only- Head End Only)	20	20	20	...
Martin St MP BF 25.6 & Sargent St. MP BF 28.2	...	30	30	...

**138-F1. Highway Grade Crossings**

Crossing Name	MP	Type	Track	Notes
Yard 14 (Private)	BF 1.1	PMS/MCO	1 & 2	...
Park St.	BF 2.7	PMS/MCO	1 & 2	...
Sherman St.	BF 4.2	PMS/MCO	1 & 2	1
Brighton St.	BF 5.7	PMS/MCO	1 & 2	...
Beaver St.	BF 8.3	PMS/MCO	1 & 2	...
Elm St.	BF 9.8	PMS/MCO	Single	...
Moody St.	BF 9.9	PMS/MCO	Single	...
South St.	BF 11.5	PMS/MCO	1 & 2	...
Church St.	BF 13.2	PMS/MCO	1 & 2	...
Viles St.	BF 13.7	PMS/MCO	1 & 2	...
Conant Road	BF 14.3	PMS/MCO	1 & 2	...
Tower Road	BF 15.6	PMS/MCO	1 & 2	...
Wayland Road	BF 15.9	PMS/MCO	1 & 2	...
Great Road	BF 16.0	PMS/MCO	1 & 2	...
Lincoln Road	BF 16.7	PMS/MCO	1 & 2	...
Sudbury Road	BF 20.0	PMS/MCO	1 & 2	...
Belknap St.	BF 20.1	PMS/MCO	1 & 2	...
Baker Ave.	BF 21.6	PMS/MCO	1 & 2	...
Commonwealth Ave.	BF 22.0	PMS/MCO	1 & 2	...
Conant St.	BF 22.5	PMS/MCO	1 & 2	...
Parker St.	BF 24.1	PMS/MCO	1 & 2	...
Martin St.	BF 25.6	PMS/MCO	1 & 2	...
Central St.	BF 26.0	PMS/MCO	1 & 2	...
Massachusetts Ave.	BF 26.8	PMS/MCO	1 & 2	...
Arlington St.	BF 26.9	PMS/MCO	1 & 2	...
Central St.	BF 27.3	PMS/MCO	1 & 2	...
Sargent St.	BF 28.2	PMS/MCO	1 & 2	B
Depot Road	BF 28.9	PMS/MCO	1 & 2	B
Foster St.	BF 30.1	PMS/MCO	1 & 2	B
King St.	BF 31.5	PMS/MCO	1 & 2	B
Willow Road	BF 33.5	PMS/MCO	1 & 2	B

Engine whistle or horn signal 19(b) must not be sounded at any crossing listed except those crossings identified in the note column by the letter B (Both), E (East), W (West) indicating the direction in which the signal must be sounded. Engine horn may be sounded in case of emergency.

**Note 1:** Engine bell must be sounded continuously between Sherman St. & Alewife Brook Parkway Oh Br

## Fitchburg Route (FR) Tower A (exclusive) – CPF WL (exclusive)

### 500-F1. Switches Equipped with Electric Locks

The following hand-operated switches are equipped with an electric lock.

<u>Location</u>	<u>Track</u>	<u>Switch</u>
MP BF 4.3	2	Telephone Track (Watertown Branch)
MP BF 5.53	1	West Cambridge Facility
MP BF 8.4	1	Central Mass Branch
MP BF 31.23	2	West End of Runaround (795 ft)
MP BF 31.15	2	East End of Runaround

### 37-F2. Maximum Speeds - Other Tracks

<u>Location</u>	<u>Track</u>	<u>Restricted Speed Not Exceeding</u>
West Cambridge Facility	Shop Trks 1, 2, & 3	5 MPH
	Yard Lead	10 MPH
While Inside Building	Shop Trks 1, 2, & 3	2 MPH
Westminster Layover	Lead	15 MPH
	Yard Tracks 1-6	10 MPH

### 37-F3. Speedometer Checking: Measured Miles

The distance between the sets of mile posts listed below is a measured mile. Marker posts are installed at these locations.

- MP BF 2 – MP BF 3
- MP BF 4 – MP BF 5
- MP BF 23 – MP BF 24
- MP BF 46 – MP BF 47

### 41-F1. Freight Car Restrictions, AAR Plate E

Cars Exceeding AAR Plate E must receive Special Clearance from Keolis Engineering department to operate on ALL tracks on the Fitchburg Route between Tower A and CPF-WL.

### 97-F1. Grand Junction Running Track

Grand Junction Running Track extends between Swift approximately 2.5 miles to a sign erected at mileage 0.2 Beacon park Yard. The sign delineates the beginning/end of the Grand Junction Running Track. The method of operation in NORAC Rule 97. The direction from Swift to Beacon Park is West.

The following applies when operating on the Grand Jct Running Track

- Maximum Authorized Speed is Restricted Speed not exceeding 10 MPH
- Crews must use Keolis Radio Channel 087-087
- Trains operating east on the Grand Junction Running Track must not pass Cambridge St. MP 2.22 without permission of the Train Dispatcher
- The following table indicates the public crossing at grade on the Grand Junction Running Track. Rule 19(b) must be sounded for movements in both directions. NORAC Rule 138G (2&5) applies to all crossings listed.

<u>Crossing</u>	<u>Track</u>	<u>MP</u>	<u>Devices</u>
Fort Washington Pedestrian Crossing	Single & Siding	0.76	Gates
Pacific Street Pedestrian Crossing	Single & Siding	1.02	...
Mass Ave	Single	1.27	Flashers
Pedestrian Crossing/MIT	Single	1.37	Gates
Main Street	Single	1.57	Flashers
Broadway	Single	1.71	Flashers
Binney Street	Single	1.90	Flashers
Cambridge Street	Single	2.22	Gates
Medford Street	Single	2.30	Gates

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**612-F1. Reversing Direction within Swift Interlocking**

The following procedure applies to trains making reverse movements within the Interlocking at Swift during switching operations only:

- a. All switching movements from BET which require occupying the FRML must not make a reverse movement within Swift Interlocking without first receiving verbal permission from both the Train Dispatcher and the Tower H Operator.
- b. All switching movements from BET which require occupying Swift Interlocking, and are signaled towards the Shop Spur, may make a reverse movement within the limits of Swift after receiving permission from the Operator at Tower H. Train Dispatcher permission is not required.

Crews must comply with signal indication at the opposing home signal and may only initiate movement east after permission from the Tower H Operator is received.

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