

## Western Route (WR) Reading Jct (exclusive) – CPF LJ (exclusive)

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

| Station  | MP      | INT or CP | PS  | DIB | Notes |
|--|---------|-----------|-----|-----|-------|
| CP-Foley St<br>(Siding length - 914 feet)  | BW 2.2  | CP        | ... | ... | 1     |
| Malden Center  | BW 4.5  | ...       | X   | E   | ...   |
| Oak Grove  | BW 5.3  | ...       | X   | E   | ...   |
| Fells  | BW 5.7  | INT       | ... | ... | ...   |
| Wyoming Hill   | BW 6.2  | ...       | X   | W   | ...   |
| Melrose/Cedar Park   | BW 6.7  | ...       | X   | W   | ...   |
| Highlands Crossover  | BW 7.3  | ...       | ... | ... | ...   |
| Melrose Highlands  | BW 7.5  | ...       | X   | ... | ...   |
| Greenwood  | BW 8.5  | ...       | X   | ... | ...   |
| Wakefield Jct. Crossover<br>(Wakefield Jct. Industrial Track-PAR)                                    | BW 9.4  | ...       | ... | ... | ...   |
| Wakefield  | BW 9.9  | ...       | X   | ... | ...   |
| Ash Interlocking   | BW 11.7 | INT       | ... | ... | ...   |
| Reading  | BW 12.0 | ...       | X   | E/W | ...   |
| Reading Highlands  | BW 12.5 | INT       | ... | ... | ...   |
| North Wilmington   | BW 16.3 | ...       | X   | E   | ...   |
| CPW-WJ<br>(Wildcat Branch)   | BW 18.0 | INT       | ... | ... | MPF   |
| <b>Note 1:</b> Controlled Point governs Eastward movements only through spring switch to main track. |         |           |     |     |       |

### 240-W1. Signal Rules and Current of Traffic

| Location                   | Tracks are Numbered South to North |        |        |
|----------------------------|------------------------------------|--------|--------|
|                            | No. 1                              | No. 2  | Single |
| Reading Jct. to Fells      | ...                                | ...    | 261    |
| Fells to Ash Interlocking  | 251(E)                             | 251(W) | ...    |
| Ash Interlocking to CPW WJ | ...                                | ...    | 261    |
| CPW WJ to CPF LJ           | 261                                | 261    | ...    |

- The letter surrounded by parentheses ( ) denotes the current of traffic: E (East), W (West)

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#### 37-W1. Maximum Speeds and Speed Restrictions, Unless Otherwise Restricted

| PASSENGER TRAINS   |           |           |           |       |
|--|-----------|-----------|-----------|-------|
| Between/At   | Track     |           |           |       |
|  | Single    | No. 1     | No. 2     | Notes |
| Reading Jct. & CPW WJ  | 60        | 60        | 60        | ...   |
| CP Foley St. Siding & diverging through the spring switch..... 15 MPH  |           |           |           |       |
| <b>ABS 2.2 and Reading Jct. (West Only)</b>  | <b>30</b> | ...       | ...       | ...   |
| <b>Mystic River Bridge MP BW 2.61</b>  | <b>50</b> | ...       | ...       | ...   |
| <b>Cv at west end of Oak Grove Station</b>   | <b>45</b> | ...       | ...       | ...   |
| <b>West Wyoming Ave. MP BW 6.2 &amp; West Foster St. MP BW 6.3</b>   | ...       | <b>30</b> | ...       | ...   |
| <b>West Foster St. MP BW 6.3 &amp; West Emerson St. MP BW 6.7</b>  | ...       | ...       | <b>30</b> | ...   |
| <b>Broadway St. MP BW 9.4 &amp; Albion St. MP BW 9.8</b>   | ...       | ...       | <b>30</b> | ...   |
| <b>Albion St. MP BW 9.8 &amp; Chestnut St. MP BW 9.9</b>   | ...       | <b>15</b> | <b>15</b> | ...   |
| <b>Chestnut St. MP BW 9.9 and Prospect St. MP BW 10.1 Head End Only (Unless engineer can determine that gates have been down for 20 seconds)</b>                       | ...       | <b>15</b> | ...       | ...   |
| <b>Chestnut St. MP BW 9.9 and Prospect St. MP BW 10.1 Head End Only, Eastward Trains Only (Unless engineer can determine that gates have been down for 20 seconds)</b> | ...       | ...       | <b>15</b> | ...   |
| <b>ABS 10.9 and Ash Interlocking</b>   | ...       | <b>50</b> | ...       | ...   |
| <b>Ash Interlocking &amp; ABS 11.4</b>   | ...       | ...       | <b>45</b> | ...   |
| <b>Ash Interlocking &amp; Reading Highlands</b>  | <b>30</b> | <b>30</b> | <b>30</b> | ...   |
| <b>ABS 13.0 and Reading Highlands (West Only)</b>  | <b>55</b> | ...       | ...       | ...   |
| WL of CPW-WJ and CPF-LJ  | ...       | 79        | 79        | ...   |
| <b>Cv 19.25 &amp; CPF-LJ</b>   | ...       | <b>70</b> | <b>70</b> | ...   |

| FREIGHT TRAINS   |           |           |           |       |
|--|-----------|-----------|-----------|-------|
| Between/At   | Track     |           |           |       |
|  | Single    | No. 1     | No. 2     | Notes |
| Reading Jct. & CPF LJ  | 40        | 40        | 40        | ...   |
| CP Foley St. Siding & diverging through the spring switch... 10 MPH  |           |           |           |       |
| <b>ABS 2.2 and Reading Jct. (West Only)</b>  | <b>10</b> | ...       | ...       | ...   |
| <b>Mystic River Bridge MP BW 2.61</b>  | <b>30</b> | ...       | ...       | ...   |
| <b>Adams St. UG Br MP 4.13 &amp; Pleasant St. UG Br MP 4.55</b>  | <b>10</b> | ...       | ...       | ...   |
| <b>West Wyoming Ave. MP BW 6.2 &amp; West Foster St. MP BW 6.3</b>   | ...       | <b>30</b> | ...       | ...   |
| <b>West Foster St. MP BW 6.3 &amp; West Emerson St. MP BW 6.7</b>  | ...       | ...       | <b>30</b> | ...   |
| <b>Broadway St. MP BW 9.4 &amp; Albion St. MP BW 9.8</b>   | ...       | ...       | <b>30</b> | ...   |
| <b>Albion St. MP BW 9.8 &amp; Chestnut St. MP BW 9.9</b>   | ...       | <b>10</b> | <b>10</b> | ...   |
| <b>Chestnut St. MP BW 9.9 and Prospect St. MP BW 10.1 Head End Only (Unless engineer can determine that gates have been down for 20 seconds)</b> | ...       | <b>15</b> | ...       | ...   |
| <b>ABS 10.9 and Ash Interlocking</b>   | ...       | <b>25</b> | ...       | ...   |
| <b>Ash Interlocking &amp; ABS 11.4</b>   | ...       | ...       | <b>15</b> | ...   |
| <b>Ash Interlocking &amp; Reading Highlands</b>  | <b>15</b> | <b>15</b> | <b>15</b> | ...   |
| <b>ABS 13.0 and Reading Highlands (West only)</b>  | <b>25</b> | ...       | ...       | ...   |

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**138-W1. Highway Grade Crossings**

| Crossing Name     | MP      | Type           | Track  | Notes |
|-------------------|---------|----------------|--------|-------|
| West Wyoming Ave. | BW 6.2  | MCO            | 1 & 2  | 1,5   |
| West Foster St.   | BW 6.3  | MCO            | 1 & 2  | ...   |
| West Emerson St.  | BW 6.7  | MCO            | 1 & 2  | ...   |
| Franklin St.      | BW 7.5  | MCO            | 1 & 2  | ...   |
| Greenwood St.     | BW 8.4  | MCO            | 1 & 2  | ...   |
| Forest St.        | BW 8.5  | MCO            | 1 & 2  | 2     |
| Broadway Ave.     | BW 9.4  | MCO/ACO        | 1 & 2  | 7     |
| Albion St.        | BW 9.8  | MCO            | 1 & 2  | 3     |
| Chestnut St.      | BW 9.9  | MCO            | 1 & 2  | 3     |
| Prospect St.      | BW 10.1 | PMS/MCO        | 1 & 2  | 6     |
| New Crossing Road | BW 11.4 | MCO            | 1 & 2  | 8     |
| New Crossing Road | BW 11.4 | Reading Middle |        |       |
| Ash St.           | BW 11.7 | MCO            | Single | ...   |
| Main St.          | BW 11.8 | MCO            | Single | ...   |
| Washington St.    | BW 11.9 | MCO            | Single | ...   |
| Station Crosswalk | BW 12.0 | PMS/MCO        | Single | ...   |
| Woburn St.        | BW 12.1 | PMS/MCO        | Single | ...   |
| Willow St.        | BW 13.0 | PMS/MCO        | Single | ...   |
| Kilmarnock Rd.    | BW 14.3 | MCO            | Single | ...   |
| Woburn St.        | BW 14.9 | MCO            | Single | ...   |
| Concord St.       | BW 15.5 | MCO            | Single | ...   |
| Middlesex Ave.    | BW 16.3 | PMS/MCO        | Single | 4     |
| Salem St.         | BW 16.9 | PMS/MCO        | Single | ...   |

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) or W (West) indicating the direction in which the signal must be sounded. Engine horn may be sounded in case of emergency.

**Note 1:** Inbound trains making station stop at Wyoming Hill must clear West Wyoming Ave.

**Note 2:** A crossing tender is on duty:

Monday through Friday 6:05 A.M. to 12:30 A.M.

Sat., Sun. & Holidays 7:45 A.M. to 12 Midnight.

**Note 3:** Inbound trains making a station stop at Wakefield must fully occupy Albion St. and clear Chestnut St. Outbound trains making a station stop at Wakefield must fully occupy Chestnut St. and clear Albion St.

**Note 4:** Outbound trains making station stops at North Wilmington must clear Middlesex Ave.

**Note 5:** To prevent early activation of the automatic warning devices at West Wyoming Ave., inbound trains making a station stop at Melrose/Cedar Park, must stop prior to the 5-car marker, just east of the insulated joints.

**Note 6:** PMS applies to westward trains only.

**Note 7:** After protection has been interrupted, trains must not occupy the crossing until the protection has been operating for at least 20 seconds, or if equipped with gates, they are in the horizontal position.

**Note 8:** Trains must stop within 70 feet of the crossing, in accordance Norac Rule 138a, and not pass over the crossing until crossing protection has been operating for at least 20 seconds, or if equipped with gates, they are in the horizontal position.

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**500-W1. Switches Equipped with Electric Locks**

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

| <b>Location</b> | <b>Track</b> | <b>Switch</b>            |
|-----------------|--------------|--------------------------|
| MP BW 3.1       | Single       | Medford Industrial Track |
| MP BW 19.51     | Single       | West Leg of the Wye      |

**36-W1. Reading Station; DTMF Requirement for Ash Interlocking for Trains Turning at Reading**

Westward trains making a station stop at Reading Station, must key in code 117\* on their radio to activate Washington St, Main St and Ash St grade crossing warning devices and enable a permissive signal indication at Ash Interlocking. If warning devices do not activate and signal does not change to a permissive indication, the engineer must contact the dispatcher for further instructions.

**37-W2. Speedometer Checking: Measured Miles**

The distance between the following miles are measured miles. Marker posts are installed at these locations  
 MP BW 14 and MP BW 15  
 MP BW 18 and MP BW 19

**37-W3. Harmonic Rocking**

If, for any reason, a freight train cannot maintain a speed of over 20 MPH between the Fells and Ash Interlocking (Tracks 1 and 2), immediate action must be taken to reduce the speed to not exceed 10 MPH. The train should be stopped if necessary. **This does not apply on ascending grades.**

A train with an over dimension load must come to a full stop as soon as possible when meeting or passing another train. The stop must be made as soon as practicable consistent with safety. The train must remain stopped until the passing movement is completed.

**41-W1. Freight Car Restrictions, AAR Plate E**

Cars exceeding AAR Plate E must receive Special Clearance from the Keolis Engineering department to operate between Reading Junction and WL of CPW-WJ.

**41-W2. Freight Car Restrictions, AAR Plate F**

Cars exceeding AAR Plate F must receive Special Clearance from the Keolis Engineering department to operate between WL of CPW-WJ and CPF-LJ.

**94-W1. Conductor Responsibilities**

94-S3 applies at the following PAR locations:  
 CPF-AS and OH Br 26.34  
 Cv MP BW 32.40 & MP BW 33.3

**105-W1. Normal Position of Spring Switches**

| <b>Location</b>             | <b>Connecting</b> | <b>With</b>  | <b>Normal Position</b>   |
|-----------------------------|-------------------|--------------|--------------------------|
| CP-Foley St (Spring Switch) | Siding            | Single Track | Single Trk to Single Trk |

**401-W1. Movements Against Current of Traffic**

Movements against the current of traffic must not exceed 30 MPH.