

## Montclair-Boonton Line Study Guide

This study guide contains helpful information for those conductors who will be recertifying or initially certifying on the Montclair-Boonton Line.

The Montclair-Boonton Line exam is divided into four sections:

**Section A - Hoboken to West End**

**Section F – West End to Great Notch**

**Section H – Great Notch to Dover**

**Section E – Dover to Hackettstown**

A LARGE PART OF THIS TEST ARE MAIN TRACK RULES IN EFFECT AND THE STATION PAGE.

This Study Guide took the UTU Local 60 Study Guide and compiled all the info from the books to a full Study Guide of what is on the exam from the Rules Department.

### 1) SECTION A – Hoboken Terminal to West End

MP	STATION	INT	PS	ADA
0.0	Hoboken		X	X
0.1	<b>Terminal (Note 3)</b>	X		
0.7	<b>East End (Note 3)</b>	X		
2.2	<b>West End (ML) (Note 3)</b>	X		

### 2) Main Track Rules

RULES	LOCATION	TRACK
INT, CSS	Train Shed Tracks in Hoboken	1-17
ABS, 261, CSS, PTC	Terminal & East End (Note 2)	3,1,2,4,6 & 122
ABS, 261, CSS, PTC	East End & Harrison	3, 1 & 2

### 3) Maximum Speeds

BETWEEN OR AT	ALL TRACKS
Depot Tracks and Eastward Home signals at Terminal	15/10
Eastward Home signals at Terminal and Eastward Home signals at East End	30/10
Eastward Home signal at East End and West End Lower Hack Interlocking limits	30/15

- 4) The direction from Hoboken to West End is East to West.
- 5) Terminal Dispatcher controls Hoboken Terminal to Lower Hack.
- 6) Bergen Tunnel maximum authorized speeds are 30mph.
- 7) Automatic signals in the Bergen Tunnel are read as High Signal Aspects.
- 8) Depot Tracks 1 and 14 can be accessed on both sides of the platform.
- 9) Hoboken Terminal is 25KV.
- 10) 3 Coaches and an Engine can fit on 1 Depot.
- 11) Main track 122 is NOT WIRED. Tracks 4 and 6 Main ARE.
- 12) Tracks 12 and 13 are the ONLY Tracks that can access 1 Main and 4 Main in Terminal at East End.
- 13) Days Yard is Restricted Speed NOT exceeding 5mph.
- 14) The Stub/Tail Track is located South of 4 Main.  
The Hill yard is located between 2 Main and 4 Main. The Days Yard is located North of the E Route. The Pullman Yard is located South of 122, 6 Main, 4 Main.

**1) SECTION F – West End to Great Notch**

MP	STATION	INT	PS	ADA
9.0	Roseville Ave (ME)	X		
9.2	Ampere	X		
10.9	Watsessing Ave		X	
11.6	Bloomfield		X	
12.2D	Glen Ridge (Note 1)		X	
12.4D	Glen (Note 1)	X		
12.9D	Bay Street (Note 1)		X	X
12.1	Montclair (Walnut Street)		X	
12.8	Watchung Ave		X	
13.8	Upper Montclair		X	
14.2	Mountain Ave		X	
14.9	Montclair Heights		X	X
15.5	Cedar (Great Notch Yard)	X		
15.7	MSU		X	X
15.8	Clove (CP)(Eastward only-B)			
16.4	Notch (Great Notch Yard)	X		

**2) Main Track Rules**

<b>RULES</b>	<b>LOCATION</b>	<b>TRACKS</b>
INT, CSS, PTC	Roseville Ave & Ampere	1 & 2
ABS, 261, CSS, PTC	Ampere & Cedar	1 & 2
INT, CSS, PTC	Clove & Cedar	B Track
ABS, 261, CSS, PTC	Cedar & Denville	Single

### 3) Maximum Speeds

<b>BETWEEN OR AT</b>	<b>SINGLE/OTHER</b>	<b>TRK 1</b>	<b>TRK 2</b>
Roseville Ave & Pine Street Crossing, MP 11.7		55/30	55/30
Pine Street Crossing, MP 11.7 & Cedar		60/25	60/25
Cedar & Clove (B Trk)	30/15		
Cedar & MP 21.5	60/25		

**\*\*WEST END TO ROSEVILLE AVE - REFER TO M&E STUDY GUIDE\*\***

- 4) The maximum authorized speeds for:  
Roseville Ave & Pine St, MP 11.7 is 55/30.  
MP 11.7 & MP 15.5 (Cedar) is 60/25.
- 5) The speed restriction at MP 12.4D & 11.7 is 20/15.
- 6) When Securing equipment at Great Notch Yard a minimum of THREE (3) Handbrakes on the west end plus wheel chocks on Tracks – 1,2 and 3 must be applied. On the pedestal track, THREE (3) Handbrakes must be applied on the east end.
- 7) Review TRO 7 for Great Notch Yard Configuration.
- 8) See Note 1 under station page in reference to the “D” in the Mile Post.

### 1) Section H - Great Notch to Dover

<b>MP</b>	<b>STATION</b>	<b>INT</b>	<b>PS</b>	<b>ADA</b>
<b>16.4</b>	<b>Notch (Great Notch Yard)</b>	<b>X</b>		
18.7	Little Falls		X	
20.4	Route 23		X	X
21.3	Mount View (Pompton Ind Trk)		X	X
<b>22.8</b>	<b>Lincoln Park (SDG:5450 feet)</b>	<b>X</b>	<b>X</b>	
25.1	Towaco		X	X
29.3	Boonton		X	X
31.1	Mountain Lakes		X	
33.8	Denville Sta		X	X
<b>33.9</b>	<b>Denville (ME)</b>	<b>X</b>		

**2) Main Track Rules**

<b>RULES</b>	<b>LOCATION</b>	<b>TRACK</b>
INT, CSS, PTC	Clove to Cedar	B Track
ABS, 261, CSS, PTC	Cedar to Denville	Single

**3) Maximum Speeds**

<b>BETWEEN OR AT</b>	<b>SINGLE/OTHER</b>	<b>TRK 1</b>	<b>TRK 2</b>
Cedar & MP 21.5	60/25		
MP 21.5 & MP 25.6	70/35		
MP 25.6 & Denville	60/35		

- 4) The speed restriction at MP 21.2 & 21.5 (Lincoln Park Siding) is 30/25.
- 5) Review TRO 7 for Dover Yard configuration.
- 6) The Hot Box detector is located at MP 12.6-Montclair, Tracks 1 & 2, both directions – SI 72-4
- 7) The interlockings on the Montclair line, east to west are: Roseville Ave, Ampere, Glen, Cedar, Clove, Notch, Lincoln Park and Denville.

**1) SECTION E - Dover to Bill**

<b>MP</b>	<b>STATION</b>	<b>INT</b>	<b>PS</b>	<b>ADA</b>
36.9	East Dover			
<b>38.1</b>	<b>Dover</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>39.4</b>	<b>Wharton (CP)</b>			
39.7	D & R JCT			
41.4	Chester JCT (HAND OPERATED CROSSOVER) (MORRISTOWN & ERIE RWY)			
43.1	Mt. Arlington		X	X
<b>45.2</b>	<b>Morris JCT</b>	<b>X</b>		
45.4	Lake Hopatcong		X	
45.8	UN (CP) (Track A-EASTWARD ONLY)			
<b>46.7</b>	<b>Roxbury (Port Morris Yard)</b>	<b>X</b>		
48.0	Netcong		X	
49.6	Mt. Olive		X	X
<b>49.8</b>	<b>Olive (CP)</b>			
<b>56.8</b>	<b>Cook (CP) (EASTWARD ONLY)</b>			
56.9	Hackettstown		X	X

58.0	BILL (Note 2) (DCS Station Sign) (Division Post-NS; Washington SEC)			
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## 2) Main Track Rule

RULES	LOCATION	TRACK
ABS, 261, CSS, PTC	Denville and Wharton (CP)	1 & 2
ABS, 261, 562, CSS, PTC	Wharton (CP) and Morris JCT (Note 1)	1 & 2
ABS, 261, CSS, PTC	Morris JCT and UN	A
ABS, 261, CSS, PTC	Morris JCT and Cook (Note 3)	Single

## 3) Maximum Speeds

Between or At	Single/Other	TRK 3	TRK 1	TRK 2
MP 37.3 & MP 38.1			55/20	55/20
MP 38.1 & MP 38.6			25/15	25/15
MP 38.6 & MP 40.8			55/40	55/40
MP 40.8 & MP 43.8			60/40	60/40
MP 43.8 & MP 45.3			55/40	55/40
MP 45.3 & MP 45.7	30/30 "A" Track			
MP 45.3 & MP 48.6	50/40			
MP 48.6 & MP 49.8	30/20			
MP 49.8 & MP 50.8	50/40			
MP 50.8 & MP 56.6	55/40			
MP 56.6 & MP 58.0	20/10			

4) The maximum authorized speed between MP 48.6 & MP 49.8 is 30/20.

- 5) **As per ME-1000-2, Engineers must shut down head end power as soon as practical when entering Port Morris Yard. Also, Engineers must NOT start head end power until ready to depart Port Morris Yard.**
- 6) **The location of the hand operated switch is Chester JCT MP 41.4.**
- 7) **Rule 121E is in effect at Mt. Tabor and Lake Hopatcong.**
- 8) **Review TRO7 for Port Morris Yard Configuration.**
- 9) **Trains terminating at Port Morris Yard must proceed west of MP 47, on the single track, west of Roxbury before changing direction.**
- 10) **At Lake Hopatcong East, Mount Olive East and Hackettstown East, the Conductor must ENSURE THEY HAVE A PROCEED SIGNAL before signaling the engineer to proceed.**
- 11) **Know the locations of the signals between or at CP Olive and CP Cook.**
- 12) **The speed on the station track between MP 56.8 and MP 58.0 is 20/10.**