

NORTHEAST CORRIDOR

LOCAL 60 CONDUCTOR CERTIFICATION

PHYSICAL CHARACTERISTICS

STUDY GUIDE

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This study guide contains helpful information for those conductors who will be re-certifying or initially certifying on the Northeast Corridor line.

This study guide is divided into 4 sections.

SECTION A – NEW YORK - COUNTY

SECTION B – COUNTY – MORRISVILLE YARD

SECTION C – PRINCETON JUNCTION - PRINCETON

SECTION D – HOBOKEN – HUDSON

THE MAJORITY OF QUESTIONS ON
THIS TEST ARE THE MAIN TRACK
RULES IN EFFECT & THE STATION
PAGE

SECTION A – NEW YORK – COUNTY

1. Main Track Rules

Study the Special instructions (main track rules in effect). This accounts for a lot of the questions in this section.

HINT: PTC is in effect on all our territory

2. Dispatcher control

Know which dispatcher is in control of the different territories

3. Know the direction of travel and know which side the station platforms will be on (ex. north or south)

4. Station page configuration

Know the station page in order. This accounts for a lot of the questions in this section.

5. Maximum speeds and speed restrictions (the exams do not ask freight speeds)

Maximum authorized speed between the western limits of “A” interlocking and the eastern limits of “JO & C” interlockings on all main tracks

Maximum authorized speed between the western limits of “A” interlocking and the and the western portal of the North river tunnels on all main tracks

Maximum authorized speed for NJ Transit trains from the west end of the Passaic river bridge and MP 9 on all main tracks

Permanent speed restriction on all main tracks on Portal movable bridge (MP 6.1)

Permanent speed restriction for NJ Transit trains on the curve east of Elmora on all main tracks (hint: through Elizabeth)

6. North and South Tubes

Know the track numbers of the north and south tubes in the North River Tunnel

7. Know about the non-conforming Amtrak signals and what to do.

8. Know which end of the equipment left unattended in Penn Station, NY, the handbrakes should be applied.

SECTION B – COUNTY – MORRISVILLE YARD

1. Main Track Rules

Study the Special instructions (main track rules in effect). This accounts for a lot of the questions in this section.

HINT: PTC is in effect on all our territory

2. Station Page

Know the station page in order

3. Dispatcher control

Know which dispatcher is in control of the different territories

4. Maximum authorized speed

Maximum authorized speed for NJ TRANSIT passenger trains, on the Morrisville line between Morris and MY

5. Morrisville Yard

Know the yard track configuration from north to south

Know which track is the pedestal track

Know where the handbrakes must be applied in Morrisville yard

6. Hot box detector (s)

Know the location of the hot box detector (s) on the Northeast Corridor

SECTION C – PRINCETON JUNCTION – PRINCETON

1. Main Track Rules

Know the main track rules in effect on the Princeton line

2. Maximum authorized speeds and speed restriction (the exams do not ask freight speeds)

Maximum authorized speed for passenger trains on the Princeton line

Maximum speed while operating westward on the University station track the speed is

Permanent speed restriction MP 0.1 and MP 0.3

Permanent speed restriction between MP 0.3 and MP 0.4

Permanent speed restriction between MP 2.0 and MP 2.7

3. Speedometer check and voltage/catenary power

Know the location of the speedometer check by MP

Know the catenary voltage on the Princeton line

4. Grade crossings

Know the grade crossing (s) located on the Princeton line

5. Station page configuration

Know the station page in order

6. Authority for trains to operate on the Princeton line.

Know the authority for scheduled trains on the Princeton line between KS and NS

Know the authority for extra trains on the Princeton line between KS and NS

7. Hand operated switch

Know the normal position of the hand operated switch located on the west end of the Nassau Runaround track

SECTION D – HOBOKEN – HUDSON

1. Main Track Rules

Know the Main track rules in effect

2. Station page

Know the station page configuration

3. Maximum speeds and speed restrictions

Know the speeds east and west in the Hoboken train shed

Maximum authorized speed for passenger trains between the Depot tracks and the eastward home signals at Terminal

Maximum authorized speed for passenger trains between the eastward home signals at Terminal and the west end of Lower Hack Interlocking limits

4. Automatic Block signals

Know how the Automatic Block signals are displayed in the Bergen tunnels on tracks 3,2,1 & 4