

# ERIE RAILROAD COMPANY

EASTERN DISTRICT

New York Division

New Jersey & New York Railroad

(Peter Duryee, Trustee)

Northern Branch

Greenwood Lake Division  
and Branches

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Time Table No. 44

Effective 12.01 A.M.

**SUNDAY, SEPTEMBER 28, 1952**

FOR EMPLOYES ONLY

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EASTERN STANDARD TIME

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**44**  
**THINK!**  
**THEN**  
**ACT**  
**SAFELY**

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H. A. BOOKSTAVER,  
Superintendent

T. J. SANOK,  
Assistant General Manager

A. E. KRIESIEN,  
Asst. Vice-President & General Manager

## TRAINS STOP FOR EMPLOYES

Station	Weekdays	Sundays
Hackensack Bdge.	104, (152 Saturday only) 140, 175	754, 151, 175
County Road	100, 152, 600, 602, 108, 124, 162, 128, 136, 138, 140, 142, 168, 148, 174, 176, 178, (104 Hol. only) (204, 258, Saturday only) 101, 151, 153, 105, 109, 155, 113, 115, 117, 601, 161, 137, 141, 147, 175, 177, 149, (103, 253, 689, 235, 693, 261 Sat. only)	152, 730, 752, 754, 174 151, 253, 115, 751, 143, 175
N. Y. & G. L. Jct.	302, 526, 511, 543 (502, 513 Saturday only)	556, 580, 513

## COMPANY SURGEONS

SO FAR AS NEW YORK STATE IS CONCERNED THIS NOTICE APPLIES TO  
EMPLOYES IN INTERSTATE COMMERCE ONLY.

W. E. MISHLER, CHIEF SURGEON, CLEVELAND, OHIO

NAME	ADDRESS	TELEPHONE
HUGH L. MURPHY.....	1 Hanson Place, Brooklyn.....	Nevis 8-7494
LEO V. BECKER.....	64 Prospect Park West, Brooklyn	South 8-4027
RUDOLF AEBLI, Oculist....	30 East 40th St., New York.....	Caledonia 5-9400
J. F. MORIARTY.....	First Aid Room, Jersey City.....	Journal Sq. 2-6400
F. P. NICHOLSON, Oculist....	895 Summit Ave., Jersey City....	Journal Sq. 2-3171
JOHN C. TALTY.....	935 Washington St., Hoboken....	Hoboken 3-3028
J. F. MORIARTY.....	723 Washington St., Hoboken....	Hoboken 3-8795
J. L. EVANS.....	893 Park Ave., Woodcliff on Hudson.....	Union 3-1900
THOMAS M. PASCALL.....	197 Lincoln Ave., Newark.....	Humboldt 2-0757
LEO V. BECKER.....	69 Ward St., Paterson.....	Sherwood 2-4017
THOMAS SANFACON, Oculist..	340 Park Ave., Paterson.....	Sherwood 2-4616
S. T. FERRARI, Oculist....	372 21st Ave., Paterson.....	Armory 4-4762
A. VAN EERDE.....	339 Lafayette Ave., Hawthorne..	Hawthorne 7-2161
D. R. CROUNSE.....	84 Broadway, Passaic.....	Prescott 7-0189
A. D. REINKRAUT.....	180 Broadway, Passaic.....	Prescott 7-3540
WAYNE W. HALL.....	240 Prospect St., Ridgewood....	Ridgewood 6-2699
JAMES S. BRESCIA.....	29 Franklin Ave., Waldwick.....	Allendale 1-3161
R. F. SENGSTACKEN.....	3 Mansfield Ave., Suffern.....	Suffern 5-0594
JOHN C. PETRONE.....	35 Park Ave., Suffern.....	Suffern 5-0084
FRANK J. ERRICO, Oculist...	95 Washington Ave., Suffern....	Suffern 5-0073
H. F. MORRISON.....	Meyers Rd., Tuxedo Pk., Tuxedo	Tuxedo 148
NATHANIEL T. KEYS.....	140 West Main St., Goshen, N. Y.	Goshen 211
ROSWELL L. SCHMITT.....	Horton Hospital, Middletown...	Middletown 6502
ALAN H. FENTON.....	151 Grand St., Newburgh, N. Y..	Newburgh 3819
DANIEL RAKOV.....	Maybrook, N. Y.....	Maybrook 5321
EDWARD J. WALTER, Oculist	157 West Main St., Port Jervis...	Port Jervis 4-4684
G. E. KENNY.....	112 Pike St., Port Jervis.....	Port Jervis 3-0774 Res. 4-6214
CLARE C. KENNY.....	Bell Apts., 2nd St. and Penna. Ave., Matamoras.....	Port Jervis 6-2622 Res. 6-1151
A. A. MUTTER.....	75 Beech St., Arlington.....	Kearny 2-0154
EDWIN A. SEIFERT.....	415 Ridgewood Ave., Glen Ridge	Glen Ridge 7-4468
T. NICOLA.....	96 Gates Ave., Montclair.....	Montclair 2-2050
W. U. MEIER.....	Haskell.....	P'ton Lakes 7-0040
FRANKLYN B. THEIS, Oculist	209 So. Broadway, Nyack.....	Nyack 7-0089
J. C. DINGMAN.....	164 Central Ave., Spring Valley..	Spring Valley 19

TABLE SHOWING RATE OF SPEED REQUIRED PER MILE TO EQUAL  
A GIVEN NUMBER OF MILES PER HOUR

Time per Mile	Miles per Hour	Time per Mile	Miles per Hour
0 min. 51 sec.....	70.59	2 min. 11 sec.....	27.48
0 min. 55 sec.....	65.45	2 min. 24 sec.....	25.00
1 min. 0 sec.....	60.00	2 min. 40 sec.....	22.50
1 min. 5 sec.....	55.38	3 min. 0 sec.....	20.00
1 min. 12 sec.....	50.00	3 min. 25 sec.....	17.56
1 min. 20 sec.....	45.00	4 min. 0 sec.....	15.00
1 min. 30 sec.....	40.00	4 min. 48 sec.....	12.50
2 min. 0 sec.....	30.00	6 min. 0 sec.....	10.00

## SPECIAL INSTRUCTIONS

### RULES OF THE OPERATING DEPARTMENT

Effective July 1, 1930

When it becomes apparent that a trip cannot be completed within sixteen hours, it is the duty of Conductor and Engineer to notify Superintendent promptly, giving at least two hours advance notice.

#### STANDARD CLOCKS

Train Dispatcher's and Engine Dispatcher's office, Jersey City.  
Engine Dispatcher's office, Secaucus.

XW Tower			
Waldwick	Port Jervis	{	Ticket office
Suffern Tower			Caller's office
Goshen			PX Yard office
Middletown	Montgomery		
Wanaque-Midvale			Caldwell
Spring Valley			Nyack

#### TIME TABLES

The term Holiday as used in this time table applies to the following dates only: Columbus Day, Oct. 13; Election Day, Nov. 4; Thanksgiving Day, Nov. 27; Christmas Day, Dec. 25; New Year's Day, Jan. 1; Lincoln's Birthday, Feb. 12; Washington's Birthday, February 23; Memorial Day, May 30; Independence Day, July 4; Labor Day, Sept. 7.

Trains operating over another railroad will be subject to rules and regulations of that railroad.

#### SIGNS. Additional to Rule 6.

D. Day train order office.	H. Holiday stop.
N. Day and night train order office.	Sat. Saturday.
* Conditional stops.	Sun. Sunday.
F. Stop to let off or take on passengers.	Hol. Holiday.
X. Will not carry passengers.	
N.B. Will not carry Baggage.	

Trains shown as flag stops to receive passengers at points where no employes are on duty will make regular stop between sunset and sunrise.

#### WHISTLE SIGNALS

Track and other repair gangs have been supplied with temporary whistle signs for the purpose of placing along tracks in advance of location where men are working. These signs are discs mounted on metal standards; disc painted with white background and the letter "W" painted in black. Engineers will acknowledge by sounding whistle: one short—one long—one short, to be repeated until reaching the point where men are working.

The following whistle signal code will be used to call in flagman on the four-track territory between Jersey City and Croxton.

		Eastward								
Track 2	—	—	—	—						
" 4	—	—	—	—	O					
" 3	(—O)	—	—	—	—	O	O			
" 1	(—O)	—	—	—	—	O	O	O		
		Westward								
Track 1	—	—	—	—						
" 3	—	—	—	—	O					
" 4	(—O)	—	—	—	—	O	O			
" 2	(—O)	—	—	—	—	O	O	O		

The following whistle signal code will be used to call in flagman on the four-track territory between Suffern and Ridgewood Junction, Rutherford Junction and Hackensack Bridge, Granton Junction and Lundys Lane. On tracks Nos. 1 and 2, same as standard code. On track 4 calling in flagman from the west, four long and one short blasts of the whistle, thus — — — — O; on track 3 calling in flagman from the east, five long blasts of the whistle followed by one short blast, thus, — — — — — O.

The signal for calling in flagman in passing tracks and the freight track from east end of Port Jervis yard east will be the same signal as is used for tracks Nos. 3 and 4 in four-track territory.

Eastbound freight trains for Main Line, or trains having cars to leave at Ridgewood Junction, will sound four (4) short blasts of whistle passing Waldwick.

## MARKERS

### Three- and Four-Track Territory

Track numbers reading from north to south.

Suffern—Ridgewood Jct.	1—3—4—2
Rutherford Jct.—Hackensack Bdge.	3—4—1—2
Granton Jct.—Lundys Lane	3—1—2—4
Bergen Archways	1—3—4—2

Trains will display markers in accordance with Operating Rules 19 and D19. Figure 9 will apply to trains running on tracks 3 and 4, yellow or green next to tracks 1 and 2.

Trains between Croxton Tower and Jersey City Terminal Tower will display markers red to rear on all tracks—Rule D19 modified accordingly.

Trains operating on third track between Port Jervis and Graham will display markers in accordance with Operating Rule 19, figure 9, yellow or green next to main track.

Rule D19 is amplified as follows: Yellow or green lights to the front and side and red lights to the rear must be displayed before a train fouls the main track on which the current of traffic is in the direction the train is moving.

N. Y. S. & W. passenger trains operating between Granton Jct. and Jersey City will display electrically lighted markers showing only red indication to the rear. . .

### CLASSIFICATION SIGNALS

The display of two white flags and two white lights, as required under Operating Rule 21, will be omitted in single track territory where no trains are scheduled, and in double or multiple track territory.

### INSTRUCTIONS GOVERNING TRAINS MOVING AGAINST THE CURRENT OF TRAFFIC

When necessary to allow a train to follow another train against the current of traffic, when such movements are made by train order, signalman must bring train to full stop before clearing any signal.

#### RULE 93A

Movements may be made against the current of traffic through the following yard limits by train orders, and further protection under Rule 93A need not be afforded: Middletown, Goshen.

### TRAIN REGISTERS

Engine Dispatcher's Office and Train Dispatcher's Office Jersey City. Engine Dispatcher's Office, Secaucus.

Croxton Yard A	West Newburgh	Nanuet
Suffern, for Piermont Branch trains only	Greycourt, for Newburgh Branch trains only.	Nyack
Middletown, for M. & C. Branch trains only	Goshen, for trains on Pine Island and Montgomery Branches only.	Sparkill
Port Jervis	Pine Island Jct. (Erie trains)	Palisades Park
Newark	O. & W. Crossing	Wanaque-Midvale
Paterson, for Newark Branch trains only	Montgomery	Great Notch
	Pine Bush	Caldwell
	Spring Valley	Essex Fells
	Nanuet Jct., for Piermont Branch trains only	West Orange
		Forest Hill, for Orange Branch trains only.

Trains not scheduled to stop at station at which train registers are located may register by throwing off train register slip, except when displaying signals for following section when train must stop and conductor register train in person.

When registering trains, write out in full the color of signals displayed; when not displaying signals write out in full "No Signals," sign name and initials, and use no ditto marks.

### CLEARING OF TRAINS

Trains will not leave initial station on single track without a clearance form A or B when operator is on duty.

Eastbound first class trains will not leave Port Jervis without a clearance form A.

Eastbound extra trains will not leave Port Jervis without permission from operator, Port Jervis station, or train dispatcher.

Extra trains except passenger extras will start from their initial point and proceed on two or more tracks without running orders.

## SUPERIORITY OF TRAINS

Eastward trains are superior to westward trains of the same class unless otherwise specified.

## MOVEMENT OF TRAINS

Trains making maximum time, or receiving special orders to run at a higher rate of speed, will run expecting to overtake trains making minimum or schedule time.

Trains entering passing siding in single track territory to permit opposing trains to pass, will move with caution over first crossing protected by automatic flagman or bell, after leaving siding, if such crossing lies within 2000 feet of the end of siding.

Employes' motor cars operating through interlocking plants will not proceed over switches without proper signal indication, and when passing tower will notify towerman.

On two or more tracks, employes' motor cars will not pass an interlocking tower while train is passing, unless they receive hand signal from towerman.

Track 3 between Hackensack River Bridge and N. J. & N. Y. Junction is reversible; trains in either direction will proceed from these points on receipt of proper signal indication and be governed by intermediate automatic signals, Rule D261 of operating rules.

Main tracks between Hackensack River Bridge and Croxton Tower, Main Line, are reversible; trains in either direction will proceed from these points on receipt of proper signal indication, and be governed by intermediate automatic signals. Rule D261 of operating rules.

The four tracks between Croxton Tower and Jersey City Terminal Tower are reversible; trains in either direction will proceed from these points on receipt of proper signal indication, and be governed by intermediate automatic signals. Rule D261 of operating rules.

Tracks between Croxton Tower and OS Tower through Bergen Tunnel are reversible; trains in either direction will proceed from these points on receipt of proper signal indication and be governed by signal located at west end of tunnel.

## RULES FOR THE OPERATION AND SUPERVISION OF AIR BRAKE, AND TRAIN AIR SIGNAL EQUIPMENT

Effective 1943

Running test provided for in Rule 33 will be made by Westward Trains entering Bergen Archways. All Westward Trains that do not make station stop at Middletown will make running test before descending grade at Otisville. Eastward Trains will make running test before descending grade at Otisville.

## RATING FOR ORDINARY TRAINS

Train tonnage will be determined by Chief Train Dispatcher. Trains will be given maximum rating unless otherwise directed.

## GRADE CROSSINGS

Except where interlocking signals are in operation, trains and engines must come to full stop not less than 200 nor more than 800 feet from railroad crossings at grade.

Automatic grade crossing interlocked signals, Greenwood Lake Division and N. Y. S. & W. R. R. at Pompton Jet.

Two-unit color light grade crossing signals located 200 feet from crossing to govern movement in each direction on both railroads. Signals consist of a top unit indicating stop or proceed, and a lower unit of a fixed red light as location signal.

A time release to work in conjunction with grade crossing signals is located in box at crossing, with instructions for operation.

A train finding signal in stop position, member of crew will proceed to crossing and after ascertaining no train approaching on other railroad, will work release and train proceed on signal indication.

In event signal fails to clear after release has been operated, train will move over crossing under flag protection.

Automatic block signal rules dated July 1, 1930, will govern.

Telephone located at crossing connects with Pompton Plains, Wanaque-Midvale stations and W R Tower.

## CROSSOVER MOVEMENTS

In case of emergency, when it becomes necessary for a passenger train to make an irregular move at

Newburgh Jct.                      Suffern                      Great Notch                      Forest Hill                      Goshen

Will reduce speed to ten (10) miles per hour through crossover.

When necessary to enter upon main tracks or cross over from one main track to another, permission will first be obtained except in following yards: Port Jervis, Newburgh, Paterson, Newark. This does not apply to Northern Branch west of Granton Jct. This does not relieve enginemen and trainmen from protecting the movements as per Rule 99. Permission to use main tracks or crossovers operated by interlocking plants will be given by signal indications.

## REMOTE CONTROL SWITCHES ELECTRICALLY OPERATED

Train movements over these switches are governed by interlocking signals. Should switch fail to operate, enginemen, conductor or trainman will communicate with person controlling the switch and after receiving instructions from him to operate switch manually will proceed according to instructions posted near the switch.

*Location:*

Sparrowbush—Eastward main and yard tracks only.

O & W Bridge West of "MQ" Crossing—Main track crossover  
—Switch leading from westward tracks to Maybrook Loop track—controlled from "MQ" Tower.

Goshen—Controlled from Goshen Station  
—Main track crossover  
—Crossover from Montgomery Branch to westward main track  
—Pine Island Branch connection to eastward main track.

N. J. & N. Y. Junction—Junction switch between N. J. & N. Y. R. R. and Track 3—controlled from HX Tower.

Forest Hill—Main track crossover  
—Orange Branch connection to eastward main track  
—Crossover from Orange Branch to South Canal siding—controlled from WR Tower.

## SPRING SWITCHES

Spring switches are located at points indicated below. Train crews performing switching operation over these switches are required to operate switch by hand, same as ordinary switch stands.

Caution must be taken to prevent back up movement, slack running out or taking slack over spring switches before forward movement is completed. If necessary to make such movements, switch must be operated by hand.

Coalberg Jet     —Westbound Main track to N. Y. S. & W. Connection.  
Moodna Viaduct—East end Viaduct, end double track.  
Moodna Viaduct—West end Viaduct, end double track.  
Graham         —West track, Junction Main Line and Graham Line.  
Sparrowbush   —West track, connection to westbound yard.  
Susquehanna  
Transfer        —West end of facing point crossover, Track 2.  
Palisades Park —West end double track west of station.  
Closter         —East end double track.  
Closter         —West end double track.  
Sparkill        —East end double track, east of station.  
Great Notch    —West end first crossover, west of station.  
                  —Second crossover, west of station.

## SPECIAL ORDER BOOKS AND BULLETIN BOARDS

Train Dispatcher's and Engine Dispatcher's Office, Jersey City	Yardmaster's Office, Croxton: Paterson Yard A
Engine Dispatcher's Office, Secaucus	Waldwick Suffern Middletown KW Yard Office

Port Jervis: Caller's Office Station Master's Office Newark West Newburgh	Caldwell Wanaque-Midvale Spring Valley Nyack
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Conductors and Enginemen when registering in Special Order Books are required to sign their name and initials and to enter in column headed "Time" the date and time they examined each special order. In addition they are required to carry with them when on duty copy of special orders or recap in effect. It is forbidden for employes, other than those authorized, to make entries of any nature in Special Order Books.

## YARD LIMITS—INDICATED BY SIGNS

Newark Paterson Newburgh Branch Greycourt Vails Gate Jct. to W. Cornwall Newburgh Goshen Middletown Port Jervis	Montgomery Montgomery Branch— 1500 feet west of MQ Crossing to 2400 feet east of O. & W. Crossing. Pine Island Branch— Pine Island to Pine Island Jct.
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Nyack Freight tracks Nos. (3)	Sparkill and (4) Granton Jct. and Lundys Lane.	Sparkill to Piermont Dock. Suffern (Piermont Branch)
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Nanuet	Spring Valley Spring Valley to Thiells	Suffern (Piermont Branch)
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Sparkill (Piermont Branch)

**YARD LIMITS—INDICATED BY SIGNS—Continued**

North Newark	West Orange to Forest Hill
Little Falls	Wanaque-Midvale

3000 feet from east end of Caldwell yard to 1500 feet west of west end of Essex Falls yard.

**RULES GOVERNING MANUAL AND CONTROLLED  
MANUAL BLOCK SYSTEMS, AUTOMATIC BLOCK  
SYSTEM AND INTERLOCKING**

Effective July 1, 1930

Trains on New York Division Port Jervis to Jersey City, including Graham Line and B. C. R. R. will be governed by Automatic Block Signal, and Telephone Train Order Signal Rules, D251, 509B, 509C and 509D.

Trains on Greenwood Lake Division, Forest Hill east, New Jersey & New York Railroad, N. J. & N. Y. Jct. to Spring Valley and Northern Branch will be governed by Automatic Block Signal Rules.

Trains on Newark Branch, Greenwood Lake Division, Forest Hill west, Piermont Branch, Sparkill and Nanuet, Spring Valley and Suffern, will be operated under Manual Block Rules. (Rule 317B will govern.)

Indications of Manual Block Signals do not supersede Rule 93.

Trains stopped or delayed after passing distant signal displaying "CLEAR" indication, must approach "CONTROLLED" or "INTERLOCKING" signal expecting to find that signal displaying its most restrictive indication.

Day or Night Train Order and Block Offices are specified as opening and closing at certain times, but it is frequently necessary to have them open at hours before and after the time specified for operation, and trains will be governed by the signals at such points, regardless of the time specified for operation. Trains entering a Block under permissive indication displayed at a day and night Block Signal office will operate as per Rule 289 to the next day and night Block Signal office, regardless of a proceed signal that may be displayed at intermediate day or night Block Signal office, except when enginemen have positive information that the day or night Block Signal office is actually in operation. If a stop signal is displayed, trains will stop and ascertain cause.

Third track Port Jervis and Graham is not governed by Block Signals. Tracks 3 and 4 between Granton Jct. and Lundys Lane are not governed by Block Signals.

**FIXED SIGNALS**

**POINTS WHERE INTERLOCKING HOME SIGNALS ARE USED AS TRAIN ORDER SIGNALS:** See Rule 221-a, Rules of Operating Department effective July 1, 1930.

Hackensack Bridge	Suffern	MQ Tower
Rutherford Jct.	Newburgh Jct.	N. Y. & G. L. Jct.
XW Tower	Goshen,	West Arlington
Ridgewood Jct.	Main Line only	Granton Jct.
Waldwick		

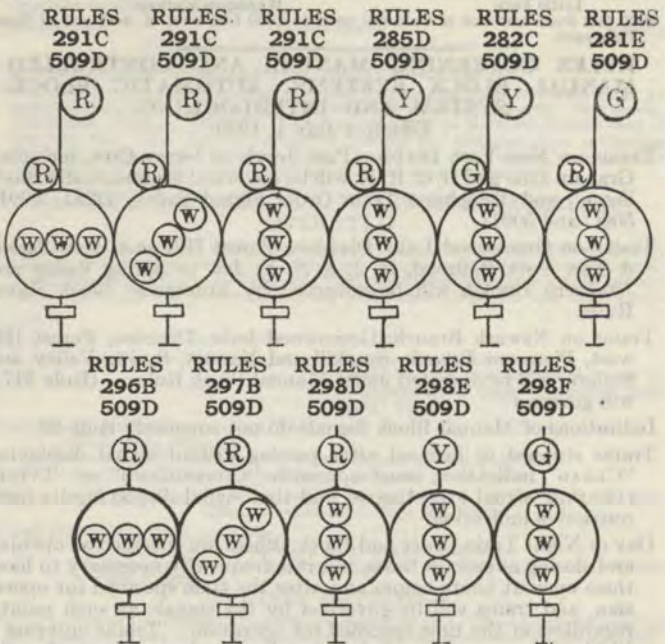
**POINTS WHERE BLOCK SIGNALS ARE USED AS TRAIN ORDER SIGNALS:** See Rule 221-a, Rules of Operating Department effective July 1, 1930.

Newark	West Orange	Little Falls
Belleville	Verona	Wayne
Franklin Ave.	Caldwell	Pompton Plains
Athenia	Essex Falls	Wanaque-Midvale
XW Tower { Newark	Montclair	Suffern { Piermont
Orchard Street { Branch	Upper Montclair	Spring Valley
Bloomfield	Montclair Heights	Nanuet
	Great Notch	Sparkill

**TELEPHONE TRAIN ORDER SIGNALS**

Eastbound Automatic Signal, 87—2, Port Jervis  
 Westbound Automatic Signal, 87—1, Port Jervis  
 Westbound Automatic Signal, 85—1, east of Mile Post 86  
 Westbound Automatic Signal, 64—1—E, MQ Water Tank  
 Eastbound Automatic Signal, 34—2, west end of eastbound siding  
 Sterlington, controlled by Suffern  
 Eastbound Automatic Signal, 14—2—B, Coalberg Jct.  
 Westbound Automatic Signal, 14—1—B, Coalberg Jct.  
 Westbound Automatic Signal, 4—1—1N, Susquehanna Transfer

Position Light Telephone Train Order Signal. A position light unit attached to pole below upper unit.



Where position light telephone train order signals are in service, Rules 509-b, 509-c and 509-d will be observed the same as where other types of signals are in use.

Rule 509-d, Rules of the Operating Department, paragraph (b) is amplified as follows: When telephone train order signals are set at 45 degrees above horizontal, or yellow light, indicating that train should take siding and siding cannot be used, or there is no siding, making it necessary to back train over to opposite track, signal may be passed without first bringing the train to a stop and may proceed at restricted speed until the rear end of train clears the crossover. After permission has been received from the Train Dispatcher or Signaller in charge, train may back over to the opposite tracks, protecting movement as prescribed by Rule 99.

#### MISCELLANEOUS

- In multiple unit operation of Diesel locomotives, the locomotive number will be displayed on the lead unit only.
- When light movements are made with multiple unit Diesel locomotives equipped with double end control the locomotive must be operated from the end in the direction that the movement is being made.
- Headlights on Diesel locomotives in road service, freight and passengers, will be kept lighted when operated during daylight hours in order to give signalmen and other Maintenance of Way employes a better opportunity to observe approaching trains.
- The only time a diesel can be considered as operating backward is when a multiple unit road diesel is operating with a blind unit or blind end ahead.
- Overspeed governor on all 800 series road passenger locomotives has been set at 80 M.P.H. for air whistle signal and 83 M.P.H. for air brake application.
- Diesel engines and Roller Bearing equipped freight and passenger cars must not be operated in water that is higher than underside of ball of rail.
- Locomotives in regular pusher service or otherwise must not couple on trains while in motion.
- Only members of crews manning work or wreck trains are permitted to give signals governing movement of such trains or portion of trains. Locomotive engineers of these trains must not accept signals given by other than members of train crew except stop signals given in emergency.
- Locomotive cranes operating under their own power will remain standing when a train is passing on adjacent track.
- Flagman must be stationed on rear car of passenger trains between Jersey City and Croxton, provided with red and white lantern, placed on rear end of rear car day and night. Red lantern to be lighted.
- Rule 11, Rules of the Operating Department, will apply to freight trains passing fuses at restricted speed on third track between Port Jervis and Graham.



Signals 1-1-1, 1-1-2, 1-1-3 and 1-1-4 located between Grove St., and East End of Bergen Archways, Jersey City, are designated grade signals; passenger trains are authorized to pass these signals in stop position at restricted speed.

Light engines, work extras and crews performing switching service must not clear the main track for the purpose of meeting or passing trains at the following locations:

Rockland Light & Power Co. switch	Hillburn	MP 31.6
Arden Station switch	Arden	MP 43.30
Monroe Station switch	Monroe	MP 48.15
Wood switch	Middletown	MP 65.08

### OVERHEAD CLEARANCES

Employees are warned of close overhead clearances at following locations and must not go on top of box cars, engines or other high equipment while movements are being made under these bridges or structures. (State of New York).

#### NEW YORK DIVISION

Mile Post	Location	Description of Bridge
30.48	1/4 Mile East of Suffern	Overhead
32.63	1/8 " East of Ramapo	"
50.10	1 " East of Oxford	"
52.65	3/4 " East of Greycourt	"
53.45	100 Ft. West of Greycourt	"
56.32	2 Miles West of Chester	"
63.90	1 1/4 " West of New Hampton	"
64.75	1 1/4 " East of Middletown	"
67.12	1 " West of Middletown	"
68.84	Howells Junction	"
69.33	1/2 Mile East of Howells	"
72.23	2 1/4 " East of Otisville	"
72.88	1 3/4 " East of Otisville	"
74.61	200 Ft. East of Otisville	"
81.52	2 Miles West of Graham	"

#### GRAHAM LINE

71.22	1 1/4 Miles West of Howells	Overhead
73.89	2 1/2 Miles East of Howells Junction	"
76.90	1/2 Mile West of Howells Junction	"
83.48	5/8 " West of Otisville Tunnel	"
86.95	1/4 " East of Graham (East Track)	Subway (Overhead)

#### PIERMONT BRANCH

13.80	1 1/4 Miles West of Monsey	Overhead
14.76	1/4 Mile East of Tallmans	"
14.91	200 Ft. East of Tallmans	"

#### NEWBURGH BRANCH

17.66	1/2 Mile West of West Newburgh	Overhead
55.89	950 Ft. West of West Cornwall Station	"

#### PINE ISLAND BRANCH

60.63	1 Mile West of Goshen	Overhead
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#### MIDDLETOWN & CRAWFORD BRANCH

1.90	1,000 Ft. West of Circleville	Overhead
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### INDUSTRIAL SIDE TRACKS

#### NEW YORK DIVISION

Location	Industry	Obstruction
Harriman	Pyridium Corp.	Building Plate
Chester	J. A. Bolling	" "
New Hampton	Benj. Horton	" "
Middletown	C. B. Gregory	" "
"	S. E. Leroy	" "
"	Middletown Ice & Coal Co.	" "
Port Jervis	Depuy Coal Co.	" "
"	Seymour Coal Co.	" "
"	A. C. Knight & Son	" "
"	L. D. Horn	" "

## PIERMONT BRANCH

<i>Location</i>	<i>Industry</i>	<i>Obstruction</i>
Piermont.....	R. Gair Co.....	Pipe Chute Canopy Chute Shed
Nanuet.....	Hutton & Johnson.....	
Monsey.....	Globe - Requa.....	"
Suffern.....	Belmont Gurnee Co.....	Hopper
".....	Malloy & Chatfield.....	Shed

## NEWBURGH BRANCH

Washingtonville..	Cooper Brothers.....	Building Plate
Vails Gate.....	G. W. Gerow.....	" "
West Newburgh..	King Coal Co.....	" "
" ".....	Little Falls Paper Co.....	" "
" ".....	Chadwick Bleachery.....	Electric Wires
Newburgh.....	Newburgh Coal Co.....	Building Plate

## PINE ISLAND BRANCH

Florida.....	Roe Brothers.....	Building Plate
Pine Island.....	J. K. Roe.....	" "

## MONTGOMERY BRANCH

Montgomery.....	Brescia Milk Co.....	Electric Wires
".....	Brescia Coal Co.....	Building Plate
".....	Coe Coal Co.....	" "

## MIDDLETOWN &amp; CRAWFORD BRANCH

Pine Bush.....	Van Keuren Lumber & Coal Co..	Building Plate
" ".....	H. E. Grover.....	" "

## N. J. &amp; N. Y. RAILROAD

Spring Valley.....	Comfort Coal-Lumber Co.....	Shed
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## NORTHERN BRANCH

Nyack.....	Gregory & Sherman.....	Shed
".....	W. H. White Coal Co.....	Electric Wires
".....	W. H. White Coal Co.....	Cable

The clear space between the lowest signal line conductor and the surface of track rails at the following locations is less than 27 feet. Employees must not ride on top of freight cars at these locations.

## NEW YORK DIVISION

<i>Mile Post</i>	<i>Location</i>	<i>Description</i>
34.60	Sloatsburg.....	Station switch
45.25	Newburgh Junction.....	Storage track, wye track and Hill tracks
74.70	Otisville.....	Station switch (westbound)

## BERGEN COUNTY RAILROAD

18.85	1000 ft. east of Ridgewood Jct...	2 main tracks
18.90	900 ft. east of Ridgewood Jct...	Freight house siding

## GRAHAM LINE

86.76	East of FX Tower.....	2 main tracks
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## NORTHERN BRANCH

4.09	Susquehanna Transfer.....	Crossover
7.10	50 ft. east of Granton Jct. Tower	Eastbound main track
23.96	Kipps Crossing, Sparkill.....	Northern and Piermont Branch main tracks (electric cable)

## GREENWOOD LAKE DIVISION

<i>Mile Post</i>	<i>Location</i>	<i>Description</i>
8.48	Forest Hill.....	Side track
8.50	Forest Hill.....	Orange Branch main track and side track
16.60	Great Notch.....	Main track, Caldwell Beh.
28.00	Pompton Jct. crossing.....	Main track

## PIERMONT BRANCH

8.62	Nanuet.....	Main track—east leg of wye
18.00	Suffern—Orange Ave.....	Main and side tracks

## NEW JERSEY &amp; NEW YORK RAILROAD

8.60	Carlstadt.....	Station switch
14.85	North Hackensack.....	Station switch
23.60	Park Ridge.....	Main track
30.70	Spring Valley, East of Main St..	Main track

## INDUSTRIAL SIDE TRACKS

## NEW YORK DIVISION

<i>Location</i>	<i>Industry</i>
Rutherford.....	Hasselhuhn-Williams Coal Co.
Passaic.....	Anderson Lumber Co.
Clifton.....	New York Sash & Door Co.
Ridgewood.....	Young & Bortie
Hohokus.....	North Ridgewood Supply Co., Inc.
Ramsey.....	T. J. LaRoe Coal Co.
".....	Ramsey Lumber Co.
Mahwah.....	Ward Bros. Sand Co.
Ramapo.....	Ramapo Foundry & Wheel Co.
Goshen.....	Newberry Mfg. Co.
Otisville.....	L. R. Wallace Feed & Coal Co.
".....	Erie Pitt track

## BERGEN COUNTY R. R.

Rutherford.....	General Printing Ink Co.
Garfield.....	N. J. Worsted Co.
".....	Atlantic Material Corp.
".....	Stewart Fuel & Lumber Co.
".....	Belmont Lumber Co.
".....	Garfield Crystal Ice Co.

## NEWARK BRANCH

Kearny.....	Fuels, Inc.
".....	Congoleum-Nairn Co.

## GREENWOOD LAKE DIVISION

Montclair.....	John Blondel Coal Co.
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## NEWBURGH BRANCH

West Newburgh.....	Fabrikoid Co.
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## NEW JERSEY AND NEW YORK R. R.

Carlstadt.....	Franco American Chemical Co.
".....	Jacques Wolf Co.
Woodridge.....	Bent Mfg. Co.
Hackensack.....	Fuel Service Co.
".....	Fairmount Coal Co.

## SPEED RESTRICTIONS

Miles per  
Hour

Passenger trains, except as otherwise specified.....	60
Milk trains, except as otherwise specified.....	50
Freight trains.....	50
Passenger, express or milk trains operated by freight engines...	50
Bergen Tunnel.....	25
Trains entering Jersey City passenger station.....	10
Class K and Diesel engines, light or on trains, diverging movements over switches, Terminal Tower, or entering Jersey City passenger station.....	5
Light engines, or with cabooses only are restricted to 15 miles per hour below the permissible speed when handling a train, with a maximum of 45 miles per hour.	
Diesel electric equipment towed or moved in trains.	
Series 19-20.....	25
All Diesel switch engines.....	35
Trains hauling dead steam engines.....	20
Trains hauling wrecking derrick.....	30
Loaded cars carded Form 5432.....	30
Trains handling eight-wheel swivel truck cranes, steam shovels and other similar pivoted machinery.....	30
Spreader Cars must be handled with blades in trailing position	30
Conductors will notify engineers before leaving terminal whether or not such equipment in train, and engineers will not leave terminals until so notified.	
Trains entering or leaving sidings or yards, passing from double to single, single to double track, or through crossovers unless otherwise provided.....	10
Steam engines must not be operated backward at a speed to exceed 15 miles per hour on curves, over grade crossings, or through crossovers, and must not exceed 25 miles per hour at other points. Steam engines must not be operated backward beyond a point where a turn table or wye is located without authority from the Superintendent. Steam engines without engine trucks must not be operated to exceed a speed of 15 miles per hour.	
Interlocking switches, Grove Street, Straight movement.....	30
Diverging movement.....	5
Class S engines over Bridges 0.79, 0.69, 0.61, 0.52, between west end of Viaduct and 400 ft. east of Grove St. Tower	15
Grove Street to west end of Viaduct.....	30
Interlocking switches, Croxton.....	25
Curves 4, 5, 6, and 7 Croxton, M.P. 1.98 to 2.73.....	25
Hackensack Drawbridge and switches.....	30
Trains making diverging movement through crossover between east and westbound main tracks east end of Hackensack River Drawbridge and movements to and from eastbound freight tracks.....	15

## New York Division

Passenger trains.....	60
Hackensack Bridge and Rutherford.....	70
East of Ramsey to Suffern, M.P. 26.00 to 30.90 track 1 on unrestricted track.....	70
Ramapo to Newburgh Junction, M.P. 32.87 to 45.00 on unrestricted track.....	70
Graham M.P. 80.00 to 86.00 east of curve 132 on westbound unrestricted track.....	70
Milk trains consisting of all Class "A" milk cars.....	60
Track 3 to N. J. & N. Y. R. R.....	15
Eastbound Bergen County to track 4, Rutherford Junction...	30
Diverging movements through switches, Rutherford Junction..	30
Except: Diverging movement through crossovers between	
Tracks One (1) and Four (4) and Two (2) and One (1) ...	15
Curve 10, Carlton Hill, M.P. 9.09 to 9.30.....	45
Curve 11, Carlton Hill, M.P. 9.63 to 9.77.....	35
Passaic River Drawbridge, and to M.P. 11.95 Summer St., Passaic	25

	Miles per Hour
Class S engines over Bridge 12.47, Clifton .....	15
Curves 17, 18 and 19, east of Clifton, M.P. 11.97 to 12.41 .....	40
Diverging movement through switches at XW Tower.....	15
Passenger terminal tracks, Paterson.....	15
XW Tower and River Street, Paterson.....	50
Curve 25, east of Hawthorne, M.P. 17.40 to 17.51.....	40
Curve 26, Ridgewood Junction, M.P. 19.95 to 20.16, westbound	45
Diverging movement through switches Ridgewood Junction...	30
Curve 27, Hohokus M.P. 21.82 to 22.14 eastbound .....	55
westbound.....	50
Curves 29 and 30, east of Waldwick, MP. 22.67 to 23.23.....	50
Diverging movement through switches at Waldwick.....	30
Curve 35, west of Ramsey, M.P. 27.19 to 27.40, Track 1.....	60
Curve 39, Suffern, M.P. 30.66 to 30.86, Track 1.....	50
Tracks 3 and 4.....	30
Curve 40, west of SF Tower M.P. 30.91 to 31.13 westbound...	40
Curve 41, west of Hillburn, M.P. 31.90 to 32.06.....	50
Curves 42 and 43, east of Ramapo, M.P. 32.08 to 32.62.....	50
Curve 46, Sterlington, M.P. 33.36 to 33.93.....	65
Curve 48, west of Sloatsburg, M.P. 35.17 to 35.33.....	60
Curve 51, west of Sloatsburg, M.P. 35.80 to 35.95.....	60
Curve 52, east of Tuxedo, M.P. 36.50 to 36.71.....	60
Curves 53, 54, 55, 56, 57 and 58, west of Tuxedo, M.P. 37.29 to 38.52.....	40
Curves 59, 60 and 61 west of Tuxedo, M.P. 38.59 to 39.53....	60
Curve 64, Southfield, M.P. 40.96 to 41.16.....	65
Curve 68, east of Arden, M.P. 43.02 to 43.18.....	60
Diverging movements through crossovers, Newburgh Junction	25
Curves 75 and 76, Monroe and Oxford, M.P. 49.67 to 50.91..	50
Curve 83, Otterkill, M.P. 55.40 to 55.95.....	50
Curve 86, east of Goshen, M.P. 57.87 to 58.18.....	50
Curves 87 and 88, Goshen, M.P. 58.32 to 58.96.....	40
Curves 89 and 90, west of Goshen, M.P. 59.02 to 59.92.....	50
Curve 95, New Hampton, M.P. 62.62 to 62.89.....	50
Curves 99 and 100, Middletown, M.P. 65.37 to 66.71.....	40
Curve 105, east of Otisville, M.P. 73.38 to 73.68.....	40
Curve 106, Otisville, M.P. 74.49 to 74.73 .....	45
Curve 107, west of Otisville, M.P. 75.52 to 75.85.....	50
Curves 111 and 112 west of Otisville M.P. 76.64 to 77.15.....	50
Curve 115, east of Graham, M.P. 77.72 to 77.96.....	50
Curves 127, 128, 132 and 133 M.P. 86.65 to 83.82, eastbound ..	40
Curves 127 and 128, Rundle's Curve, and Black Rock, M.P. 83.82 to 84.46, westbound.....	45
Curve 132, east of Port Jervis, M.P. 86.04 to 86.40, westbound	40
Diverging movements, Sparrowbush.....	15
M.P. 86.47 and Bridge 90.84, west of Sparrowbush, westbound	40
Bridge 90.84, west of Sparrowbush and Port Jervis station east- bound.....	40
Port Jervis station and Graham, eastbound.....	50
No. 3 Yard track PX yard office to east end Port Jervis yard..	25
Third track east end Port Jervis yard to Graham.....	25
Over switches at Germantown bridge, Port Jervis yard, except diverging movement.....	30

<b>Bergen County R. R.</b>		Miles per Hour
Passenger trains.....		60
West of Garfield to east of Glen Rock, M.P. 11.70 to 18.00 on unrestricted track.....		70
Freight trains.....		50
Eastbound Bergen County to track 4, Rutherford Junction....		30
Curve 1, Rutherford Junction, M.P. 8.97 to 9.21 westbound..		50
Curve 1, Rutherford Jct., M.P. 9.21 to 8.97 eastbound.....		35
Curve 3, Garfield, M.P. 11.20 to 11.70.....		50
Curve 6, Glen Rock, M.P. 18.13 to 18.44.....		50

### Graham Line

Freight trains.....		50
Curve 1, west of Newburgh Junction, M.P. 45.05 to 45.23....		30
Woodbury Viaduct.....		40
Curve 12, east of Moodna Viaduct, M.P. 54.61 to 54.74.....		30
Moodna Viaduct.....		30
Curve 13, west of Moodna Viaduct, M.P. 55.49 to 55.64.....		30
MQ Crossing, Montgomery Branch.....		40
Diverging movements through crossover and through switches to Maybrook Loop track at O & W Bridge.....		15
MQ Crossing, Maybrook Loop Track.....		15
Otisville Tunnel.....		40
Curve 29, west of Otisville Tunnel, M.P. 82.82 to 83.16.....		40
Graham Line to Main Line at Graham, westbound.....		30
Subway at Graham.....		30

### Greenwood Lake Division

Passenger trains.....		60
West of Forest Hill.....		55
Freight trains.....		40
Curve east of D. L. & W. Bridge, east of N. Y. & G. L. Jct. ....		15
Third track, N. Y. & G. L. Jct. to Croxton.....		15
Hackensack River Drawbridge.....		25
Curve east of Arlington.....		45
Passaic River Drawbridge, West Arlington.....		20
Class K-5A engines over Bridge 7.96, east of North Newark		20
Curve east North Newark.....		45
Curve, Walnut St., Bloomfield.....		40
Between Label and Walnut St., Montclair.....		30
Extra trains and light engines, 1.30 A.M. - 6.00 A.M., stop and flag over Walnut St., Montclair.....		5
Class K-5A engines over Bridges 12.96 and 13.21, between Watchung Ave. and Upper Montclair.....		20
M.P. 13.75 to 14.00 Upper Montclair.....		25
First curve east of Great Notch, M.P. 15.90 to 16.30.....		40
Diverging movements through crossovers Great Notch.....		15
Eastbound Caldwell Branch over spring switches Great Notch.		20
Cedar Grove curve west of Great Notch.....		40
From point 1600 ft. east of Boonton Rd. to eastbound home signal, D.L. & W.R.R. crossing, Mountain View.....		30
Riverdale curve.....		40
Riverdale Ave. to N.Y.S.&W. crossing.....		35
N. Y. S. & W. R. R. crossing, Pompton Jet.....		15
Curve east of Wanaque-Midvale.....		40
Trains hauling wrecking derrick, eight-wheel swivel truck cranes, steam shovels, or other similar pivoted machinery.....		30
Belmont Ave. crossing, West of Wanaque-Midvale.....		10
Trains 534, 556, 539, 543, 545, 501, over Francisco and Stevens Ave. crossings between Great Notch and Little Falls (5 miles per hour) and avoid unnecessary whistling. Between hours of 9.00 P.M. and 6.00 A.M. extra trains and light engines will stop before proceeding over crossings.....		5
National Grain Yeast Co. and Jergens Lotion Co. sidings, Soho.		5

## New Jersey and New York Railroad

Miles per  
Hour

Passenger trains: Jersey City and Spring Valley.....	60
Freight trains: Jersey City and Spring Valley.....	40
All trains: Spring Valley and Thiells.....	20
Trains hauling wrecking derrick, eight-wheel swivel truck cranes, steam shovels or other similar pivoted machinery.....	30
Temple Ave. crossing, Fairmount Ave. and Hackensack.....	25
Street crossings, first east and first west, of Westwood Station. Class C-3, C-3A, K-5A engines over Bridge 21.20, east of Hillsdale.....	20
Over switch west of Oradell.....	30
Nanuet station and Nanuet Junction.....	30
Curve at Dykes crossing between Spring Valley and Nanuet..	35

## Hours of Crossing Protection

	Weekdays	Saturdays
Paterson Plank Road, Carlstadt	{6.30 A.M.- 9.30 A.M. 3.15 P.M.- 8.15 P.M.	6.30 A.M.- 8.45 A.M. 12.30 P.M.- 6.15 P.M.
Essex Street, Hackensack	{6.15 A.M.- 9.15 A.M. 3.15 P.M.- 8.15 P.M.	6.15 A.M.- 8.30 A.M. 12.30 P.M.- 6.15 P.M.
Central Avenue, Hackensack	{6.15 A.M.- 9.15 A.M. 3.15 P.M.- 8.15 P.M.	.....
Clay Street, Hackensack	{6.15 A.M.- 9.15 A.M. 3.15 P.M.- 8.15 P.M.	.....
Berry Street, Hackensack	{6.15 A.M.- 9.15 A.M. 3.15 P.M.- 8.15 P.M.	.....
Passaic Street, Hackensack	{6.15 A.M.- 9.15 A.M. 3.15 P.M.- 8.15 P.M.	6.15 A.M.- 8.30 A.M. 12.30 P.M.- 6.15 P.M.
Anderson Street, Hackensack	{6.15 A.M.- 9.15 A.M. 3.15 P.M.- 8.15 P.M.	.....
Maple Avenue, Hackensack	{6.15 A.M.- 9.15 A.M. 3.15 P.M.- 8.15 P.M.	.....
Clinton Place, Hackensack	{6.15 A.M.- 9.15 A.M. 3.15 P.M.- 8.15 P.M.	.....
Poplar Avenue, Hackensack	{6.15 A.M.- 9.15 A.M. 3.15 P.M.- 8.15 P.M.	6.15 A.M.- 8.30 A.M. 12.45 P.M.- 6.30 P.M.
Main Street, at Fairmount Ave.	{6.15 A.M.- 9.15 A.M. 3.15 P.M.- 8.15 P.M.	6.15 A.M.- 8.30 A.M. 12.45 P.M.- 6.30 P.M.
Temple Avenue, west of Fair- mount Ave.	{6.15 A.M.- 9.15 A.M. 3.15 P.M.- 8.15 P.M.	.....
Washington Ave., Westwood	{6.00 A.M.- 9.00 A.M. 3.00 P.M.- 8.00 P.M.	.....
Central Avenue, Pearl River	{5.45 A.M.- 8.45 A.M. 3.15 P.M.- 8.15 P.M.	5.45 A.M.- 8.15 A.M. 1.15 P.M.- 6.45 P.M.
Main Street, Spring Valley	{5.30 A.M.-11.30 A.M. 5.45 P.M.- 8.30 P.M.	5.30 A.M.-10 00 A.M. 1.30 P.M.- 7 00 P.M.

On Saturdays, Sundays, Holidays and during period crossings not protected, trains and light engines will stop, send member of crew ahead and flag over crossings.

Westbound trains taking water, switching or occupying main track at Hillsdale, N. J., will avoid doing so beyond a point 400 feet east of crossing to permit timing circuit to function and cut out flasher crossing signals at Hillsdale Avenue crossing.

Movements over this crossing through siding will be made under flag protection. Siding over crossing is circuited. Crews will not place cars closer than 25 feet either side of crossing.

Westbound trains, except those making normal station stop, which have been stopped, delayed or switching within one-half ( $\frac{1}{2}$ ) mile of crossing will not exceed speed of 10 M.P.H. until crossing is reached.

Eastbound trains switching at west end of siding will avoid placing cars east of westbound head block signal, located 400 feet east of switch, and will not exceed speed of 25 M.P.H. after having switched at above location.

### General Instructions

- Conductors and trainmen, departing from each station, must make the announcement "The next station is \_\_\_\_\_," and arriving at each station, call the name of that station twice, clearly and distinctly, in each coach.
- When stationed alongside their trains at Jersey City Station, they must indicate their trains by using the words "On this side" instead of "On your left" or "On your right."
- When loading their trains at way stations such as Paterson or Ridgewood, where trains leave in the same direction, but destined to different points, they must announce to boarding passengers the route the trains will take.
- When departing stations previous to arrival at a junction where passengers change cars, they must announce "The next station is \_\_\_\_\_, change cars for \_\_\_\_\_" (naming stations which connecting train will reach) and arriving at such junctions, they will repeat the announcement "Change cars for \_\_\_\_\_" and add "Train on the left or right," as case may be.
- The following instructions govern passenger train crews loading and starting trains at Jersey City passenger station: The conductor must, when possible, examine the train indicator in subway waiting-room and confer with the subway usher to see that the latter understands what train is to be loaded.
- He must assign member of crew to be stationed at rear end of his train to direct passengers and prevent them from boarding dead-head cars, which may be behind his train.
- He must be stationed at head of subway stairs to direct passengers and in case he finds it necessary to leave that point, he must station member of crew there until he returns.
- When scheduled time of departure has arrived and train has received green signal indicating boat passengers have all arrived, conductor must give subway usher a hand signal to close the gate.
- Conductors and trainmen stationed alongside their trains at Jersey City must inform themselves of the destination of trains which may be loading on the opposite side of same platform, in order to answer inquiries of passengers. Passengers inquiring for trains that are not being loaded from the same platform should be directed to ushers.
- Immediately before departure of passenger trains from Jersey City, a member of the train crew must announce, inside the cars, the destination of the train in the form of following examples: "Main Line Express—Passaic, Paterson, Ridgewood," etc. Conductor will assign a member of his crew to perform this service.
- In connection with the rules for operating steam heat on passenger trains, trainmen on eastbound trains must have steam blown out from equipment before arrival at Jersey City.
- Trains operating with air-conditioned equipment will not blow steam out until passing Croxton Tower.
- Uniformed agents of Union News Co. will be permitted to sell their merchandise on passenger trains except in Pullman, Business, Dining, or Parlor Cars, under direct supervision of conductor.
- Conductors and trainmen when opening doors in passenger cars for the purpose of handling passengers at stations must see that doors are properly latched open.
- Conductors and trainmen must keep toilet doors locked while trains are in Jersey City and other large stations and have them unlocked on westbound trains before passing Croxton, and when leaving other stations.
- Passenger train employes must close windows of passenger cars before leaving their trains at terminals.
- Uniformed employes must not wear uniform caps while dead-heading on passenger trains.
- Employes dead-heading on passenger trains must not occupy smoking compartments in lounge or dining cars.
- Employes must not occupy seats in passenger trains to the exclusion of paying passengers and must vacate seats when paying passengers are standing.
- Employes in train and engine service, while dead-heading, must not take part in card games.
- Passenger conductors and trainmen must prevent passengers destined to terminal stations from riding beyond station platforms



and prevent passengers from boarding trains at such terminals until trains arrive at stations.

Passenger conductors and trainmen must not touch passengers boarding and leaving cars, except small children, invalid or feeble passengers, but they must stand prepared to give assistance should it be warranted.

Passenger conductors must report at Dispatcher's office, Jersey City, for orders thirty minutes before leaving time of each train, except that in case of crews on short turn around time, conductors will report as soon as possible after arrival.

Passenger conductors must bring train slips for eastbound trains to Dispatcher's office, Jersey City, as soon as possible after arrival.

Lost articles found on trains, boats or about stations must be turned in or forwarded under register to Lost and Found department, Jersey City. If unclaimed for 60-day period, articles will be surrendered to finder. Perishable articles will not be retained beyond a reasonable time.

Conductor will arrange for search of each car in train after passengers are unloaded for lost articles and will report any unauthorized person who attempts to search equipment.

Conductors must keep record of seals on carload lots of baggage, such as theatrical baggage, and be prepared to furnish full information in case claim is made for loss.

When trains are instructed to omit regular stops, conductors and trainmen must be careful to make announcement so that passengers will not board train for stations at which stops are omitted.

Where a train has sidetracked and is to give its passengers to following train, conductors must get in touch with Dispatcher as to stops train will make in handling passengers and make announcement to passengers regarding the stops.

At highway grade crossings equipped with automatic visual warning signals, but not equipped with cutout controls and no crossing watchman on duty: When a train or engine stops or is switching, or cars are left standing within operating limits of automatic highway crossing signals, causing warning signals to operate more than 5 minutes, member of crew or other qualified employe must be stationed at the crossing, to direct highway traffic and pedestrians safely over crossing and make every effort to avoid delay to such traffic.

Under no circumstances must a car without brake (either air or hand) be handled behind caboose even when chained. A car may be handled behind caboose when necessary, provided the air can be coupled through and is in working order or when there is a good hand-brake available, but in doing so car must be chained to the caboose and a trainman stationed on such car.

At the completion of each trip, when a caboose is to be unoccupied, conductors and trainmen must know that the fire is removed from the stove and all lights extinguished before leaving same.

When a car is set out with hot journal the dope must be entirely removed from journal box, fire extinguished and left some distance from car so that in case the dope should again ignite it will not set fire to car. The lid of journal box should be closed so that journal will cool slowly and not result in checks and cracks in axles.

Powdered chemical for extinguishing fires in hot boxes of freight cars has been distributed to all locomotives and cabooses in through freight service. Following instructions will govern use of same: "Throw half of the powder from tube directly on blaze and close box lid. Wait one minute then open box, distribute remainder of powder over hot journal and close box lid. This prevents dope from taking fire again after car is set out. Car Must Be Set Out After Powder Has Been Used. Important—Box lid must be closed tight after powder is applied."

Freight conductors must transcribe tonnage carefully from way-bills to wheel reports and add up the tonnage in transit. In case total tonnage does not agree with tonnage reported out of terminal, they must telegraph the Superintendent from the first available point, advising him the correct tonnage of the train.

Conductors must examine carefully releases held by attendants in charge of live stock to see that they are in proper form and date and that the attendant is the signer of the release.

Conductors of westbound through freight trains report to Train Dispatcher on telephone before leaving Croxton.

Freight conductors must show on their train slips the time of arrival of their trains at terminals.

Freight conductors must leave at stations where they take on or leave cars, train slips properly filled out to show the cars so handled. Passenger trains when blocked off by freight train at a station not protected by underpass or overhead bridge will wait until freight train clears and passengers have had opportunity to board train. When delay will exceed 5 minutes, communicate with Train Dispatcher.

Cars placarded "Explosives" must be placed in through freight trains near the middle of the train, and at least 15 cars from the engine or Diesel locomotive, and at least 10 cars from the caboose, if the length of the train will permit.

Cars placarded "Explosives" may be placed in local freight trains, not closer than one car from the engine, Diesel locomotive or caboose.

Train or engine crews, using sidings leading from the main track, and finding switch lights unlighted, must light same and make report to Superintendent.

Trainmen before entering a car containing gasoline must leave the car door open a sufficient period of time to allow gases to escape before entering the car with a light.

Employees must observe passing trains, and if any hot journals, defective brakes, defective running gear, flat wheels, etc., are observed, trainmen will be notified by use of following code:

#### HOT JOURNALS.

By day—Hold nose with first finger and thumb of right hand and point down toward track with left hand.

By night—Hold lantern in hand by the guard wires around the globe and swing in small vertical circle.

#### CONNECTIONS DRAGGING.

By day or night—Give stop signal.

#### CAR DOOR SWINGING OR ABOUT TO FALL.

By day—Raise hand above head and hold it stationary.

By night—Same signal with lantern, in addition give stop signal.

#### BRAKES STICKING.

By day—Shove hand in sliding movement from body.

By night—Same signal with lantern, in addition give stop signal.

#### FLAT WHEELS.

By day—Place palms of both hands together in horizontal position.

By night—Hold lantern at arm's length with globe in horizontal position.

#### ALL CLEAR.

By day or night—Proceed signal.

Care will be taken that the above code signals are not used with passing trains, as sign of greeting.

### SPECIAL INSTRUCTIONS

#### New York Division

Instructions for crews operating on N.Y.O. & W. RR. Middletown:

Conductor call Train Dispatcher from East Main St. for permission to cross over to North or Westerly track and on arrival at Wickham Ave. procure permission to proceed to Crawford Jct. and return to Main St. report clear at Crawford Jct. and on return at Crawford Jct. procure permission from Train Dispatcher to cross over to South or Eastbound track and on arrival at "DW" Middletown, report to Erie operator time of arrival and clear of N.Y.O. & W. tracks. Operator DW will telephone this information to Dispatcher N.Y.O. & W.

Third track between West Main Street and Main Street, Middletown, is operated as single track. Any train or engine other than engines and outfits of scheduled Middletown terminal trains will secure permission from operator at Middletown to use same.

Movement of equipment trains or other switching movements between XW Tower and passenger terminal tracks, Paterson, will be governed by Operating Rule No. 93. Schedule trains have right of track on single track lead at east end of terminal tracks.

Class S engine restrictions:

Passaic Park Drawbridge.

Pine Island Branch.

Newburgh Branch.

M. & C. Branch.

Montgomery Branch, between a point  $1\frac{1}{2}$  miles east of O. & W. Crossing and Montgomery.

All sidings Rutherford to Graham, inclusive, Main Line and B.C.R.R., except:

Otisville:	No. 1 westbound station switch, No. 2 station switch to cattle chute and side track leading off eastward main track just west of station.
Howells:	Station switch.
Middletown:	3rd track Middletown to Middletown Summit No. 1-2 yard tracks, Armour & Co. siding, Tank switch to east end of Swift & Co. Bldg., eastbound siding and coal bin switch Middletown Summit.
Goshen:	Westbound siding, local team track, Nos. 2 and 3 eastbound yard tracks, yard tracks 1 and 2 westbound yard, scale track and interchange track and long siding on Montgomery Branch.
Greycourt,	Yard tracks 1-3-4-5 and long switch and around Wye.
Oxford:	Station switch to point of clearance.
Monroe:	Foundry switch and freight house switch.
Harriman:	Westbound station siding and Pyridium Corp. siding between main track and trestle.
Newburgh Jet:	Westbound siding to bridge 44.54, track 3, storage track and wye.
Arden:	Station switch to a point 250 feet east of clearance point.
Southfields:	Station switch.
Tuxedo:	Westbound station switch No. 1, eastbound and westbound switch at East Tuxedo.
Sloatsburg:	Station switch.
Sterlington:	Storage track and eastbound siding.
Ramapo:	Storage track.
Hillburn:	Westbound siding.
Suffern:	West end middle track—east entrance to yard
Ramsey:	Westbound siding.
Waldwick:	East leg of Wye to Water Crane.
Ridgewood Jet:	Eastbound and westbound sidings. BT siding east of Coalberg Jet.
Garfield:	Eastbound long siding. Saddle River siding.
Glen Rock:	Station switch.
Paterson:	Iron Hole Yard, tracks 1, 4, 5 and 7. Getty Ave. ladder track. Coach yard and all switches at east end of coach yard.
Rutherford Jet:	East end new switch to clearance point, west end freight house track No. 1, and Nursery and Grand Union Co. siding (B.C.R.R.).

Enginemen of eastbound passenger trains stopping at Rutherford must stop their engines at the east end of the inter-track fence to minimize the blocking of Park Avenue crossing.

A train must not pull into station at Rutherford, or pass over Park Avenue crossing when passenger train is standing at station.

Engines are restricted in (Tilo) track Flintkote Yard Rutherford.

Automatic cut out device at Central Ave. Crossing, East Rutherford, B.C.R.R. governing westbound track, located on white board, east wall, inside of Crossing Watchman's Cabin: Between hours of 7.00 P.M. and 11.00 P.M., trains occupying westbound track east of crossing while switching in Rutherford yard, member of crew will press cutout button which will cut out flashing light crossing signals. Flashing light signals will be restored when train clears westbound circuit.

A train must not pull into station at Carlton Hill or pass over crossing when passenger train is standing at station.

Engines heavier than H type are restricted beyond second gate of Craig Coal Co., Carlton Hill.

When cars are left on track 1, at Monroe Street, Passaic yard, they must be placed to clear the sidewalks by at least ten feet, to give the crossing watchmen a proper view of street traffic.

Passenger conductors must have member of crew stationed near subway steps while making station stop Passaic to protect late passengers who may ascend steps when train is ready to depart.

Passenger trains will stop with rear car clear of Jefferson Street crossing at Passaic.

Passenger trains making stop at Clifton must not stop with passenger cars on bridge over Clifton Ave., west of station.

Westbound passenger trains having express or baggage cars making station stop at Paterson will stop first coach at east end of Market Street. Trains without express or baggage cars stop engine at east end of Market Street.

Box cars over 13' 6" in height are restricted from all passenger terminal tracks Paterson. (Lower Level).

Eastbound passenger trains making station stop at Paterson will stop with rear car at Market Street kiosk.

Trains making station stop River Street, Paterson, will stop with entire train west of bridge over River Street to prevent passengers leaving or boarding trains on bridge.

Eastbound passenger trains making station stop at Glen Rock Main Line stop with rear end of train clear of road crossing, west of station. Westbound passenger trains making station stop Ridgewood, stop with engine at west end of platform.

When cars are left in the east siding at Ridgewood Junction they must be placed at the west end of the siding to avoid delay to following trains setting out cars at that point.

Engines are restricted from operating in City Switch and on Young and Bortic trestle, Ridgewood, and on Bergen Coal Co. trestle, Glen Rock.

"Light" indicator on eastbound waiting room Hohokus operated by Agent: When yellow light displayed, trains making station stop 7 A.M. to 5 P.M. except Sat., Sun., and Hol. wait until light is extinguished, which indicates all passengers have boarded train. Trains finding light displayed at other hours will disregard same and make report.

Engines turning on wye at Waldwick must be accompanied to and from water crane by a trainman to throw switches and protect movement.

Class K engines are restricted from operating on Yard Tracks leading from east leg of wye at Waldwick.

S engines are restricted on west leg of wye at Waldwick.

Engines are restricted inside Ruffner Lumber shed at Ramsey.

Eastbound passenger trains making station stop at Ramsey stop with rear car east of Main St. crossing; westbound passenger trains making station stop will stop with rear car west of crossing.

Auto manual control circuits controlled by gatemen at Main St. crossing Ramsey to cut out flashing light highway crossing signals at Central Ave. crossing, when trains are switching in this vicinity.

Sign at west end of Cut Section, Track 1, located 975 feet west of Main St. crossing reads "End of Crossing Circuit Track 1." Trains making station stop on Track 1 will not pass this sign.

Sign at west end of Cut Section, Track 4, located 800 feet west of Central Ave., reads "End of Crossing Circuit Track 4." Trains stopping on Track 4 will not pass end of Circuit sign except when intending to leave part of train on Track 4, in which case stop will be made so that portion of train to be left will be west of sign.

When westbound trains stop at Ramsey with head car or cars beyond station platform, trainmen will request passengers to alight from coach steps adjacent to station platform.

Class K & S engines are restricted on curve of Rockland Coal Co. siding, Sloatsburg and Yard Tracks, Ramapo.

Engines and cars with capacity of over 70 tons are restricted on coal trestle at Tuxedo.

Engines are restricted on trestle Pyridium Corp. siding Harriman.

Trains operating from Newburgh Branch at Greycourt must not occupy main line without permission from Train Dispatcher.

L. & H. Ry. tracks at Greycourt will not be used without permission from L. & H. Ry. Telephone located outside station.

Class S engines restricted in sidings Chester and New Hampton.

N. Y. N. H. & H. R. R. tracks between Campbell Hall and Maybrook are operated under yard limit rules. Rules 93 and 99 will apply.

Westbound train must not pull into station at Goshen while eastbound passenger train is standing at station and will look out for passengers crossing track after eastbound train departs.

Class K & S engines restricted in Finans siding, Goshen.

Engines are restricted on Conklin & Cumming siding, Goshen.

Trains operating against current of traffic between Goshen and Middletown, will not exceed a speed of five (5) miles per hour over crossing at New Hampton; also St. James Pl. and Sanfords Crossing east of Goshen account crossing signals not circuited for reverse movements.

Eastbound train must not pull into station at Middletown or pass over James St. crossing while westbound passenger train is at station and will look out for passengers crossing tracks after westbound train departs.

When using Wallace Feed Co. siding at Middletown, trainman must walk ahead of cars or engine when passing over North St. crossing.

Class S engines are restricted from operating over Sprague Avenue Bridge, M. & N. J. R. R. Terminal, Middletown.

Engines restricted from operating in Le Roy Coal Siding, Middletown.

When cars are left in Taylor's siding or in westbound siding at Middletown, they must not be placed within 50 feet of Harding Street Crossing to clear crossing bell circuits.

Class K & S engines restricted in R. G. Wood Coal Co.—O. M. Gregory—Clemson—H. D. Gould—Beakes & Doty and State Hospital sidings, Middletown.

Engines are restricted in Holley's two sidings Otisville east of frog.

Head trainmen of freight trains must meet engines at water crane, Port Jervis, and remain with them until placed on trains.

County Road crossing Secaucus—During daylight hours when crossing gates are raised and in an upright position, a red flag will be displayed from the crossingman's tower and at night a red light will be displayed from the same point to indicate that vehicular traffic is moving over crossing and no train movements are to be made over the crossing when such signals are displayed.

Class S engines may be operated Hackensack Bridge to Jersey City with following restrictions: Operate on tracks 3 and 4 only Croxton Tower to Jersey City and on to depot tracks 6 and 9.

No crossover movements except at Croxton Tower and Grove St. Tower tracks 4 to 3 to Yard running track 7.

Eastbound Color Light repeater dwarf signal is located on north wall of Bergen Tunnel 635 feet west of east end of tunnel. This dwarf signal will repeat indications of interlocking dwarf signal governing eastbound movement from westbound tunnel tracks at OS Tower.

An Absolute Block will be operated between Grove St. and Croxton Towers, through Bergen Archways and between Croxton and OS Towers through Bergen Tunnel, following movement of light engines.

Eastbound signals on tracks 1-2-3-4 at east end of Boulevard Arch, Bergen Archways, are automatic block signals, located close to the ground for vision purposes. When in stop position, member of crew communicates with Croxton Tower by telephone for permission to proceed. Rules 281-285-292 of Operating Dept. govern.

When westbound signals at Boulevard Arch, Bergen Archways, are in stop position, member of crew will get in immediate communication with Croxton Tower on telephone.

Class K-5-A, engines 2935 to 2944 are equipped with roller bearings and must not be permitted to enter water on Jersey City station track 12 in high tide.

Freight cars over 14 feet, 9 inches in height are restricted in Jersey City Passenger Station Tracks.

Grove Street Tower, Croxton Tower and Jersey City Terminal Tower are equipped with a whistle to be used by towermen in case of emergency in calling attention of enginemen to any condition involving the safety of trains.

Following code will govern: One long blast . . . . . Stop.

Any train or engine of whatever direction in the vicinity of any of these towers will, upon the sounding of emergency whistle, bring their train or engine to full stop, and not proceed until it has been ascertained that the way is clear for movement.

Two short blasts . . . Proceed, if you have signal.

Four short blasts . . . Call for maintainer.

Six short blasts . . . . . Call attention of enginemen and trainmen to signal from towerman.

Trains will not be backed out of Jersey City passenger station until proper hand signal has been received from trainmen or yardmen on rear of train in addition to the prescribed air whistle signal. Conductors of trains of over eight cars arriving at Jersey City between 7.30 A.M. and 9.30 A.M. must assign member of the crew to watch for hand signal from the rear man, on account of curve preventing enginemen from seeing rear man. Trainmen will see that engine is uncoupled from train by car couplers before turning train over to yard force on all trains arriving at Jersey City except between the hours of 7.00 A.M. and 9.30 A.M.

Enginemen backing passenger trains into Jersey City station, having been brought to a stop by the air hose operated from the rear of the train, must not back farther until they have received a hand signal in addition to the regular whistle signal.

In connection with the rules and instructions for operating air brakes and trains:

Trains leaving yards for passenger station:

After the extension hose has been coupled to the rear end, before the train is moved, the yard conductor, switchman, or trainman in charge of the train must make an application of the brakes through the extension hose; the engineman must know that a sufficient reduction in pressure has been made to apply the brakes on the entire train. After this application has been released, switches set, and the proper signal given, the train will proceed to the passenger station. While the train is en route, and until the same has come to a full stop in the passenger station, engineman will keep close watch and observe that the speed of the train is properly controlled. When the same is not done, his knowledge of consist of train and its location will indicate to him whether or not train should be stopped, and he will be governed accordingly.

When a train handled by a switch engine has been stopped in the passenger station, the extension hose will not be removed from the brake hose connection until after the engine has been cut off.

When empty trains are to be moved from the passenger station, the men handling the extension hose will make test of the brakes before giving signal for the train to move.

The maximum speed of trains from the passenger station to the storage yards or from the storage yards to the passenger station, will be ten (10) miles per hour, a further reduction to be made at any point where the men handling the air cannot see the track ahead is clear for a maximum speed of ten (10) miles per hour.

Trains must not be moved between Jersey City passenger station and coach storage yards without back-up hose on the rear car, controlled by trainman or yardman qualified to handle same.

When cars too high for tunnel are handled through Bergen Archways, they will be operated on tracks 3 and 4 only.

The two principal tracks extending from OS Tower, Jersey City, to Weehawken Yard, are running tracks. The first track directly adjacent to the New York Central & Hudson River Railroad is designated as westward track and the second track as eastward track. Eastbound movement from Bergen Tunnel over these tracks will be made on signal indication at OS Tower.

Movements of trains or engines from Jersey City to Monmouth Street Yard will be made on signal indications. Conductor of trains or engines operating from Jersey City or Monmouth Street Yards to Weehawken Yard will secure permission at Monmouth Street Yard from OS Tower by telephone before making movement. Towerman at OS Tower will specify track to be used. Conductor will secure permission from Towerman at OS Tower by telephone before making westbound movement from Weehawken Yard. Towerman at OS Tower will specify track to be used. Crossover movements at First Street and Thirteenth Street, Hoboken, will not be made, except on permission from Towerman at OS Tower. Trains and engines must move over these tracks prepared to stop unless track is seen or known to be clear.

New York Central signal station at Willow Avenue, Weehawken, is closed from 11.00 P.M., Saturday, until 3.00 P.M., Sunday. During these hours the westbound Weehawken Branch track will be lined for eastbound movement into Weehawken Yard. All westbound movements from Weehawken Yard will be made on the eastbound Weehawken Branch track, during these hours.

N. Y. C. & H. R. R. crews desiring to cross Erie tracks at First Street, Hoboken, Weehawken Branch, must secure permission from Operator OS Tower. Trains and engines must move over these tracks prepared to stop unless track is seen or known to be clear.

Third track between Croxton and New York and Greenwood Lake Jct. is operated under the following rules:

From 4.30 A.M. until 11.30 A.M. for westbound freight trains.

From 11.30 A.M. until 4.30 A.M. for eastbound freight trains.

This track will at all times be operated under yard limit rules. Trains failing to clear track at time current of traffic reverses will protect by flag. Trains to or from Croxton Yard during the reverse period will operate on main tracks in proper direction.

Tracks Three (3) and Four (4) between Granton Junction and Lundys Lane are operated under Yard Limit Rules, and are used as storage tracks.

The junction of Main Line and Graham Line, Graham, N. Y., is equipped with spring type switch protected by automatic color light signals. The normal position of switch is for main track, operator at Port Jervis has control of signals. Trains finding signal for their movement in stop position will communicate with Port Jervis by telephone. If no reason for signal to be in stop position is known and permission is received from operator to proceed, the signal located at spring switch should be observed and if red indication is displayed, switch must be inspected, properly positioned by hand, observing that there are no obstructions in switch points, after which spring switch signal and signal for movement to be made should clear. If either signal fails to clear, communicate with Port Jervis operator for further instructions.

### Graham Line

Enginemen entering portal of Otisville Tunnel in both directions will sound whistle and ring bell in accordance with rule 30.

The signals governing movement of trains through Otisville Tunnel in both directions are of square blade design. When in stop position trains will not pass them. If these signals remain in stop position, flagman will be started immediately through tunnel and report from opposite end of tunnel before train proceeds. Trap circuits have been installed on the east and westbound tracks through Otisville Tunnel, and are to be operated in the following manner by light engines or trains of five cars or less:

**WESTBOUND.**—Light engine or light train after receiving signal to proceed will stop 30 feet ahead of signal at east end of tunnel and push button located on the back of signal pole for a period of ten (10) seconds. After this has been done, proceed through the tunnel and stop at key box located on concrete post 1200 feet west of west end of tunnel and release tunnel signals by inserting switch key in circuit controller, turn to right as far as possible, for a period of 5 seconds, then turn key to left and remove.

**EASTBOUND.**—Light engine or light train after receiving signal to proceed will stop 30 feet ahead of signal at west end of tunnel and push button located on back of signal for a period of ten (10) seconds. After this has been done, proceed through tunnel and stop at key box located on concrete post 725 feet east of east end of tunnel and release tunnel signals by inserting switch key in circuit controller, turn to right as far as possible for a period of 5 seconds, then turn key to left and remove. Trains finding either tunnel signal in stop position will be governed by timetable instructions and will stop with rear end of

train clear of tunnel at the key box at opposite end of tunnel and release tunnel signals by inserting switch key in circuit controller, turn to right as far as possible for a period of 5 seconds, then turn key to left and remove.

Light engines or trains must push button before entering tunnel in either direction.

Trains and engines occupying Maybrook Loop Track at MQ between O & W bridge, west of MQ Tower and Montgomery Branch, must be protected in accordance with rule 99.

Track over Moodna Viaduct for a distance of 3500 feet is single track governed by high automatic signals for normal movement and dwarf automatic signals for reverse movement, located at each end of the viaduct. Both ends of single track are equipped with automatic spring type switches (see Page 4) normal position west end of viaduct for westward track, normal position east end of viaduct for eastward track. Both spring switches are equipped with color light type spring switch signals indicating red or green and displaying indications in both directions.

Westbound normal circuit start for "BS" is located at automatic signal 52-1-E. Eastbound circuit start is located at a point opposite automatic signal 58-1-E. Signs located one (1) mile in advance of these points reading: "one (1) mile to circuit start 'BS' ". Westbound reverse movement circuit start is located at signal 54-2-E. Eastbound reverse movement circuit start is located at signal 56-1-E.

Switch key operated circuit controller and push button are located adjacent to high and dwarf home signals at both ends of viaduct.

In event signals fail to clear on approach of trains and there is no evidence of approaching train, communicate by telephone to "MQ" and after receiving permission operate the switch key controller located adjacent to signal governing the movement to be made by inserting switch key in opening, turning clockwise and hold for ten (10) seconds and then remove key. Then wait three (3) minutes and sixteen (16) seconds.

If the signal does not then clear for the movement, a member of the crew should first observe the indication displayed by the spring switch signals. In event either of these signals displays a red indication the spring switch at the signal displaying a red indication must be inspected and properly positioned by hand after which spring switch signal and the signal for movement to be made should clear. If either signal fails to clear, communicate with "MQ" for further instructions. After receiving permission to proceed, it should be known that spring switch is properly lined for movement over same.

In event a train is stopped after signal has been displayed for the movement and for some reason is unable to proceed, the signal may be restored to "stop" for movement of another train by operating a push button located at key controller.

When signal 46-2-E is at "approach" position, trains will stop and report on phone to operator at Newburgh Jet.

Dragging equipment detectors are in service between rails of westward track at Signal 51-1E, Mile Post 51.50 and between rails of eastward track at Signal 59-2E, Mile Post 59.00 on the Graham Line east and west of Moodna Viaduct.

When actuated by dragging equipment, signs attached to Signal 53-1E located at Mile Post 53.50 and Signal 56-2E located at Mile Post 57.00, will be illuminated displaying the letter "E". When letter "E" is displayed train should be stopped and inspected to locate dragging equipment and Operator at "MQ", Campbell Hall, must be notified.

Actuation of dragging equipment devices on eastward or westward track prevents the respective home signal at Moodna Viaduct from clearing.

When trains reach their respective home signals, Operator should be notified as to cause of delay, then to permit signal to clear, break seal on switch key circuit controller marked "E" and located on respective home signal, insert switch key, turn clockwise and hold 10 seconds, then remove key. Signal will then clear and if not confer with Operator for further instructions.

Class S engine restrictions:

All sidings Newburgh Jet, to Graham inclusive except:

Newburgh Jet.:	Eastbound Cripple track.
Central Valley:	East and westbound station sidings.
Highland Mills:	Yard track.
Moodna Viaduct:	Eastbound cripple track to clearance post.
MQ Crossing:	No restrictions on any side tracks.
Red Onion:	Cripple track to clearance point.
Howells Jet.:	Westbound siding 500 feet from west end only.
Graham:	Eastbound cripple track. Westbound station track to clearance post.

Telephones connecting with Train Dispatchers circuit:

Woodbury Viaduct (west end)

### Newark Branch

End of double track Newark is controlled by hand throw switch. Normal position eastbound track, except between hours of 12.50 P.M. and 6.35 P.M. week days and Saturdays westbound track. No. 321 leave switch set for eastbound track.

Freight trains and engines will not pass over Passaic Street, first crossing west, and second crossing east of Newark Station until it is known that Gates are lowered.

Automatic flashing light signals Verona Ave., Woodside, have automatic cut-out controller, located at northwest corner of crossing. Train crews switching within 1200 feet of crossing will operate this device and member of crew protect crossing. Cut-in must be restored when switching is completed.

City of Newark ordinance prohibits blocking of any street within city limit for a period greater than three (3) minutes. No switching will be done so that detached cars will pass over any street at grade after cars detached from engine or train.

Swift & Co. lead to stock yard at Harrison is protected by gate equipped with white light by night. Crews desiring to enter will sound engine whistle and watchman will open gate.

Class S engines are restricted on Newark Branch.

Auto-manual cutout and cut-in device is located on track side of crossing tower at Davis Ave., Harrison, N. J., so that crossing bell can be cut out when switching is being performed. Separate cut-outs are provided for east and west tracks and are so marked.

Engines heavier than Class "C" are restricted in Woburn Degreasing sidings Harrison.

Engines heavier than Class "C" are restricted in Swift & Company, Harrison, except west end of Tracks 1-2-3 at stock unloading platform.

Drill crews must not obstruct 3rd Ave. and 4th Ave. crossings Newark, within 5 minutes of arrival of eastbound passenger trains.

Class K-4 engines are restricted from operating in new delivery yard east of Passaic St., Newark, except in freight house tracks.

Class K-4 engines are restricted on track 2 Newark Yard.

Eastbound trains making station stop at Newark will stop with engine west of drawbridge signal.

Automatic Cut-out and Cut-in device at Washington Avenue, Nutley, controls located in crossing tower at southwest corner of crossing. Trains performing switching movements within circuit limits of crossing will operate this device from tower and member of crew protect crossing. Cut-in buttons must be restored when switching is completed.

Eastbound trains performing switching within the 2000 ft. circuit limit west of Little St. crossing, Belleville, N. J., will not exceed a speed of 10 miles per hour approaching this crossing.

Eastbound freight trains storing their train west of this crossing, when entering west end of eastbound siding will leave their train just west of first switch located 450 ft. west of crossing, to avoid unnecessary operation of flashing light signals.

Westbound trains which have been stopped, delayed or were switching between this crossing and a point just west of east end of eastbound siding, will not exceed a speed of 10 miles per hour approaching this crossing. This does not apply to westbound passenger trains making Belleville Station stop unless stopping after departing from station.

Eastbound trains when switching Hoffman-LaRoche siding west of Kingsland Rd., Nutley, will store their train west of M. P. 14.00, located 500 ft. west of crossing. Westbound trains when switching in sidings and Lamont Paper Co., west of Franklin Ave., will avoid unnecessary placing cars on main track west of sign reading "End of Circuit" located 800 ft. east of Kingsland Rd. Trains in both directions which have been delayed, stopped or switching will not exceed speed of 10 M.P.H. until crossing is reached.

Eastbound trains making station stop at Walnut Street will stop with train clear of Park Avenue Bridge.

Trains switching on New Jersey Coal and Supply Co. siding Walnut St., Nutley, must use 5 cars as reachers.

Engines restricted from operating in Broadbent Coal Company siding west of Franklin Ave.

TELEPHONES

	Connection
Bergen Archways.....	Croxtan Tower
West end of tunnel.....	" "
County Road, Secaucus, first telegraph pole west of crossing, eastbound side.....	" & HX "
1500 feet east Hackensack River Bridge.....	HX "
1000 feet west Hackensack River Bridge.....	HX "
Signal Bridge 6.69-X, east of Berry's Creek.....	HX "
At Crossover east of N. J. & N. Y. Jct. and eastbound home signal N. J. & N. Y. Jct.....	HX "
Cabin Park Ave. crossing Rutherford west side.....	BJ "



On westbound signal bridge (south side) 750 feet east of Rutherford Jct. ....	BJ	Tower
Eastbound home signal BCRR Rutherford Jct. ....	BJ	"
2000 feet west of Rutherford Jct. ....	BJ	"
Carlton Hill, outside station ....	BJ	"
Gregory Ave., Passaic. ....	BJ	"
West end of Harrison Street station ....	Monroe St.	"
Lake View front of station. ....	XW & WJ	"
Eastbound pullout, east of Madison Ave. bridge. ....	XW & WJ	"
2000 feet east Newark Jct., lead to westbound yard. ....	XW & WJ	"
West end of westbound yard, Paterson. ....	XW & WJ	"
100 feet east of Ellison St., Paterson (west side) ....	XW & WJ	"
500 feet west River Street station, west track. ....	XW & WJ	"
Fifth Avenue crossing gate tower. ....	XW & WJ	"
East of N. Y. S. & W. Bridge, Hawthorne. ....	XW & WJ	"
Ridgewood Junction, eastbound home signal. ....	WJ & WC	"
Freight House Switch, Ridgewood. ....	WJ & WC	"
Ridgewood, Young and Bortie siding. ....	WJ & WC	"
Hohokus, opposite bleachery. ....	WJ & WC	"
Waldwick, front of station. ....	WJ & WC	"
Waldwick Yard, engine foreman's office. ....	WC & SF	"
Middle Yard, Waldwick. ....	WC & SF	"
Waldwick, west end yard. ....	WC & SF	"
Foundry Switch, West Mahwah (west side). ....	WC & SF	"
Track 1 east of water crane, Suffern. ....	WC & SF	"
Suffern engine foreman's office. ....	SF	"
Crossing east of Hillburn on westbound side. ....	SF & TC	"
Ramapo, west track at crossover. ....	SF & TC	"
Sterlington, front of station. ....	SF & TC	"
West end of eastbound siding, Sterlington. ....	SF & TC	"
Newburgh Jct., east end of yard. ....	NJ	"
Newburgh Jct., west leg wye. ....	NJ	"
Pyridium Corp. siding, east of Harriman. ....	NJ	"
Harriman water crane. ....	NJ	"
East end Goshen yard. ....	GN	Station
Eastward Main Line Home Signal. ....	GN	"
One mile west Goshen, west end, passing siding. ....	GN	"
West Main St., Pine Island Br., Goshen. ....	GN	"
Church St. crossing, Goshen, Montgomery Br. ....	GN	"
Scotts Town crossing, Pine Island Branch, Goshen. ....	GN	"
Westward Montgomery Branch Dwarf Signal. ....	GN	"
Howells Junction crossover. ....	MQ	Tower
Quarter mile east M.P. 81. ....	PO	Station
Opposite Graham station, Graham Line. ....	MQ & PO	"
Crossover Graham Junction. ....	MQ & PO	"
East end Black Rock Cut. ....	PO	"
Half mile east M.P. 85. ....	PO	"
Train Order Signal 85-1. ....	PO	"
East end yard, Port Jervis. ....	PO	"
Eastbound home signal, Sparrowbush. ....	PO	"
Automatic signal 89-1, Sparrowbush. ....	PO	"

### B. C. R. R.

At light indicator 600 ft. west of Plank Rd. crossing. ....	BJ	Tower
Plank Road crossing, gate tower. ....	BJ	"
East end oil switches. ....	BJ	"
Saddle River Crossover Booth. ....	BJ	"
Entrance to Wright's Plant. ....	BJ	"
Hammersley's Siding, west end oil switches. ....	BJ	"
Hobart Place, Garfield. ....	BJ	"
Garfield, east leg of wye. ....	BJ	"
Garfield, at crossover, west of Monroe Street. ....	BJ	"
East end of siding, Plauderville. ....	BJ	"
Market St. east of Coalberg Jct. ....	BJ	"
Signals 14-1-B, 14-2-B, Coalberg Jct. ....	WJ	"

### Newark Branch

Entrance to loop, D. L. & W. Bridge, west Croxton...	Croxton Tower
Westbound signal east end bridge N. Y. & G. L. Jet...	DB "
Quarter mile west N. Y. & G. L. Jet.....	DB "
Schuyler Avenue, east of Harrison.....	Newark Drawbridge
Davis Ave. gate tower, Harrison.....	" "
Crossover Kearny.....	" "
Congoleum Switch.....	" "
Section Tool House at Passaic St.....	" "
Outside Station 4th Ave., Newark.....	" "
Cemetery Switch, Newark yard.....	" "
Riverside Chester Ave. Crossing.....	" "
Woodside, front of station.....	" "
Outside South Paterson station.....	XW Tower

### Piermont Branch

Tallmans.....	SF Tower
Monsey (on pole east of Main St. Crossing).....	SF "
On Manual Block Signal Mast west of Spring Valley..	SF "
Spring Valley.....	SF "
Nanuet Jct.....	SF "
Convent Swh., west of Sparkill.....	SF "
Sparkill on station.....	SF "

### Graham Line

Newburgh Junction north leg of wye.....	NJ Tower
200 ft. west of signal 46-2-E.....	NJ "
Central Valley crossover.....	NJ "
Highland Mills.....	NJ "
West End of Viaduct, Woodbury.....	NJ & MQ "
East End Moodna Viaduct.....	NJ & MQ "
West End Moodna Viaduct.....	NJ & MQ "
East HO, near signal 59.....	NJ & MQ "
West HO, near signal 61.....	NJ & MQ "
Westbound order block, east MQ crossing.....	NJ & MQ "
Crossover east leg wye MQ crossing.....	NJ & MQ "
200 ft. east of Home signal at west end O & W Bridge..	MQ "
At westbound Home signal at east end of O & W Bridge	MQ "
Red Onion, 5 miles west MQ crossing.....	MQ "
Four Story Cut.....	MQ "
Eastbound automatic signal 68-2-E.....	MQ "
Howells Junction crossover.....	MQ "
One mile west GD, west end siding.....	MQ "
Crossover BD.....	MQ "
East and west end Otisville Tunnel.....	MQ "
500 ft. east of crossover east of Graham Junction.....	MQ "
Crossover east Graham Junction.....	MQ & PO Station

### New York Division, Connecting with Train Dispatchers' Circuit:

West end Passaic Park Draw- bridge, east side	Crossover east of Tuxedo Southfields, at crossover
Monroe St., Passaic, gate tower	East side Carpenters switch, west of Monroe
Crossover Passaic (on freight house)	Monroe, at crossover
Crossover between Clifton and Lake View	Oxford (outside of station)
West Paterson gate tower	Greycourt, east of station
Waldwick engine foreman's office	East end Greycourt Yard
200 feet west of station, west- bound side, Allendale	New Hampton on station
Ramsey, 500 feet east road crossing, westbound side	Outside gate tower, James Street, Middletown
At overhead highway crossing be- tween Ramsey and Mahwah, westbound side.	Crossover at Middletown Summit West end of siding Middletown Summit
	Creamery switch east of Otisville Otisville Summit crossover

## INSTRUCTIONS COVERING FLASHING LIGHT SIGNALS EQUIPPED WITH SHORT ARM AUTOMATIC GATES

Automatic Electric Crossing Gates are in operation at the following crossings:

### NEW YORK DIVISION

County Rd., Secaucus  
 Jackson Ave., Carlton Hill  
 Aycrigg, Lafayette and Paulison Aves., Passaic  
 Harrison and Summer Streets, Passaic  
 Crooks Ave., (Lakeview), Paterson  
 Gould Ave., Paterson  
 Rock Road, Glen Rock  
 Fourth Ave., Hillburn  
 West Main St., (Knox Crossing), Middletown

### NEWARK BRANCH

Main St., and Getty Ave., South Paterson  
 Chester Ave., Riverside

### BERGEN COUNTY R.R.

Midland Ave., and Outwater Lane, East of Plauderville Station  
 Market St., and Midland Ave., East Paterson  
 Fairlawn and Morlot Aves., Fairlawn  
 Rock Road and Harristown Road, Glen Rock

### GREENWOOD LAKE DIVISION

Forest, Elm and Devon Streets, Arlington  
 Willet, Orchard and Walnut Streets, Bloomfield  
 Benson St., Glen Ridge  
 Bellevue and Lorraine Aves., Upper Montclair  
 Jerome Ave., Laurel Place and Mt. Hebron Road,  
 between Upper Montclair and Montclair Heights  
 Main St., Singac  
 Boonton Road, Mountain View  
 Newark-Pompton Turnpike, Pequannock

### CALDWELL BRANCH

Roseland Ave., Caldwell

### NEW JERSEY AND NEW YORK RAILROAD

Malcolm Ave., Hasbrouck Heights

## GENERAL INSTRUCTIONS

Due to arrangement of circuits for fast and slow speeds, trains or engines approaching these crossings will not accelerate speed when within one (1) mile of such crossings.

Trains or engines which have been stopped, delayed or switching within one (1) mile of these crossings will approach crossing prepared to stop and not proceed until gates have lowered, except by flag protection.

Signs reading "End of Circuit" are located at various points where switching is performed. Trains which perform switching in these territories will avoid passing or placing cars beyond the location of these signs.

Train crews or other employes operating hand thrown switches connected with main track in the vicinity of these crossings will avoid reversing switch until after train which passed has reached the first crossing within one (1) mile of the location of such switch.

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Special instructions pertaining to the operation of Automatic Electric Crossing Gates at certain crossings are as follows:

### NEW YORK DIVISION

#### JACKSON AVE., CARLTON HILL:

Movements made over crossing in siding serving Royce Chemical will be brought to a stop at edge of crossing and will not proceed over crossing until gates have lowered except by flag protection.

When consist of trains will permit, westbound passenger trains will stop with entire train at least 20 feet west of crossing.

#### AYCRIGG AND LAFAYETTE AVES., PASSAIC

When trains are held at eastbound home signals account draw-bridge opening or for any reason, timing circuit will permit gates at Aycrigg Ave., to raise after a period of one and one-half (1½) minutes. Trains so held and after receiving signal to proceed will not pass over crossing until gates are fully lowered.

Westbound trains making station stop at Passaic Park will pass westbound home signal under 25 M.P.H. to prevent gates at Lafayette Ave., from lowering while station stop is being made. Trains so governed will not exceed 20 M.P.H. until Lafayette Ave., is reached.

#### HARRISON AND SUMMER STREETS, PASSAIC

Trains using siding crossover off westward track at Summer St., with cars occupying main track, will place such cars just east of east end of this crossover.

Side track extending over Harrison and Summer Sts., is circuited for gate operation over these crossings. Trains or engines intending to move over these crossings through siding will move up to crossing and stop, then proceed only after gates have lowered or by flag protection.

#### CROOKS AVENUE (LAKEVIEW), PATERSON

Westbound trains intending to serve Lakeview station switch whose consist will not fit between crossing and switch will cut off trains east of sign reading "End of Circuit" located 400 ft. east of crossing. After completion of work all cars west of crossing must be pulled west of first telegraph pole west of station before eastbound movement is made. Upon backing onto train head end must be backed east of "End of Circuit" sign before westbound movement is made.

Eastbound siding is circuited over crossing. Trains or engines intending to move over crossing through siding will move up to crossing and stop, then proceed only after gates have lowered or by flag protection.

**GOULD AVE., PATERSON**

Trains switching Continental Can Co., Farmland Dairy and Railroad Construction Co., will leave their train west of sign reading "End of Circuit", located 312 feet west of Gould Avenue. Upon completion of switching at the above locations, crews intending to continue easterly move will back entire train west of "End of Circuit" sign before proceeding.

**FOURTH AVENUE, HILLBURN**

Trains or engines switching in Ramapo-Ajax siding using siding crossover east of Fourth Avenue and leaving part of train on main track will keep this portion of train east of a point opposite east end of crossover. Trains or engines moving through siding and intending to pass over Fourth Avenue crossing will stop at crossing edge and wait until gates have lowered.

Trains intending to switch in siding at West Hillburn and which do not first switch in west end of Middle Switch, must leave entire train in either Track 1 or 3 sufficiently east of westbound home signal to permit backing added cars and engine east of home signal unless entire train is pulled west of Fourth Avenue, Hillburn, and complies with following paragraph.

Trains or engines having switched in west end of westbound siding west of Hillburn and intending to return to Hillburn will pull entire train west of signal 31-1 before making reverse movement. Eastbound trains, except those making station stop, which stop west of Fourth Avenue for any reason will stop if possible with head end just west of Rockland Light and Power Co. switch at Hillburn or occupy any portion of the track section between this point and Tuxedo Turnpike overhead bridge. This will permit gates to raise after approximately two minutes.

**WEST MAIN ST. (KNOX CROSSING), MIDDLETOWN**

Trains operating in either direction on third track will not exceed speed of 15 miles per hour for a distance of 1000 feet approaching this crossing.

**NEWARK BRANCH****MAIN ST. AND GETTY AVE., SOUTH PATERSON**

Side track is circuited for gate operation over Getty Ave., crossing. Trains or engines intending to move over this crossing through siding will move up to crossing and stop, then proceed only after gates have lowered or by flag protection.

Eastbound trains making station stop at Main St., South Paterson, should stop with rear car opposite westerly end of station building.

**CHESTER AVENUE, RIVERSIDE**

Trains continuously occupying track west of crossing but east of sign reading "End of Circuit" must pull west of this sign before making eastward movement to permit gates to lower.

Trains switching in Pittsburgh Plate Glass switch will avoid occupying main track beyond a point fifty (50) ft. west of main track switch.

Trains intending to enter or switch in east or westbound siding switches located 2200 ft. east of crossing will open either of these main track switches promptly upon arrival to permit gates to raise.

**BERGEN COUNTY R. R.****MIDLAND AVE. AND OUTWATER LANE, EAST OF PLAUDERVILLE STATION:**

Crews performing switching at Castle's siding, west of Midland Avenue, Plauderville, and continuously occupy main track west of crossing, will pull west of sign reading "End of Circuit," before making eastward movement to permit gates to lower. If main track is cleared during switching, cars will not be placed east of this sign until eastward movement is ready to be made.

#### MARKET ST. AND MIDLAND AVE., EAST PATERSON

Westbound trains making station stop at Plauderville will stop with entire engine east of sign reading "End of Circuit" located just east of Castle's Ice Cream Company switch. Trains making this station stop will not exceed 30 miles per hour until Midland Avenue, East Paterson, is reached.

Westbound trains stopping east of Market Street on westward track intending to pick up or set out cars at Coalberg Junction will stop with train east of sign reading "End of Circuit" located 400 feet east of Market Street which, if gates are lowered, will permit them to raise.

Westbound trains setting out cars or backing east of automatic signal 14-1B at Coalberg Junction will not back any part of train east of NYS&W Railroad bridge to avoid lowering of gates at Midland Avenue and Market Street, except when a portion of train continues to occupy track between Midland Avenue and NYS&W Railroad bridge.

Eastbound trains intending to go into Coalberg Junction on eastward or westward track will not exceed a speed of 30 miles per hour when passing "End of Circuit" sign located 1500 feet west of Eastside Coal & Coke Company switch west of Coalberg Junction.

Train switching in Northern Jersey Reserve siding at Midland Avenue with cars occupying main track will leave cars west of a point opposite derail in siding.

#### FAIRLAWN AND MORLOT AVES., FAIRLAWN

Trains serving Fox Bros. Coal Co., switch east of Fairlawn Avenue will cut off cars just west of the west end of Fairlawn station platform.

Trains scheduled to make station stop at Radburn-Fairlawn and Broadway-Fairlawn will not exceed 30 M.P.H. until crossings are reached.

#### ROCK ROAD AND HARRISTOWN ROAD, GLEN ROCK

Eastbound trains making scheduled station stop at Glen Rock will not exceed 40 M.P.H. until Harristown Road crossing is reached.

### GREENWOOD LAKE DIVISION

#### FOREST, ELM AND DEVON STREETS, ARLINGTON

Gates are equipped with auto-manual cut out device which permits them to be raised during switching operations by crossing watchman located at Elm Street between hours of 9:00 A.M. and 5:00 P.M., daily except Sundays and Holidays. Crews switching in this vicinity and intending to move over crossings should signal Watchman by appropriate whistle signal and not move over crossing until gates are lowered.

The westward siding is circuited for gate operation over each of these crossings. Cars should not be left standing closer than twenty-five (25) feet either side of crossings. When watchman is not on duty trains moving through this siding will stop at each crossing and wait until gates are lowered before proceeding.

#### WILLET, ORCHARD AND WALNUT STREETS, BLOOMFIELD

Eastbound switching movements:

Eastbound trains intending to switch at Walnut St. will stop their train west of canal bridge #10.36, unless train will fit between switch and Walnut St. crossing.

When switching is completed engine and all cars will move east of point of switch before back up movement is made onto rear portion of train to permit gate operation for westerly movement.

When rear of train is cut off west of bridge 10.36 engine must back west to clear bridge to insure operation of gates for easterly movement.

Eastbound trains intending to switch at National Yeast Co. may store their train on eastward main track between Orchard St. and

Signal 9-2G. After head end is moved over crossing gates will raise. When switching is completed engine and cars in backing onto train will back west of signal 9-2G to permit gate operation for eastward movement.

When movement over Willet St., is to be made in siding or tail track, trains or engines will move up to crossing and stop, then proceed only after gates have lowered or by flag protection.

#### Westbound switching movements:

Trains intending to switch in vicinity of Willet St. should cut off train just east of sign reading END OF CIRCUIT located 600 feet east of Willet St. Engine should back east of this sign when coupling onto train to permit gate operation for westerly movement.

Westbound freight trains held for block signal at Orchard St. should not move west of "End of Circuit" sign 350 feet east of Willet St. until block is cleared to avoid operation of gates at Orchard St.

#### BELLEVUE AND LORRAINE AVES., UPPER MONTCLAIR

Timing circuits for normal direction movements permit gates to raise after train or engine has occupied track at station in excess of one minute. Trains which are normally delayed account loading mail, etc., will not pass disc marker located adjacent to platform fence, eastbound 30 feet west of Bellevue Ave., and westbound 21 feet east of Lorraine Ave. All trains making station stop will observe if gates are lowered before departing. If not lowered, train will proceed to crossing and stop after which gates will lower and train may proceed.

#### MAIN ST., SINGAC

Westbound trains making stop at Little Falls will stop east of Montclair Avenue to avoid lowering gates at Main Street, Singac.

#### BOONTON ROAD, MOUNTAINVIEW:

If the westbound home signal of D.L. & W. R.R. crossing is in stop position all trains must stop 50 feet east of Boonton Road crossing and a member of train crew may raise gates to allow traffic to pass over crossing by inserting a standard switch key into the key controller box located on the east end of instrument case on southwest side of Boonton Road crossing (key box is painted white), by turning key clockwise and holding key in that position which permits gates to raise. When key is removed gates will lower.

#### CALDWELL BRANCH

##### ROSELAND AVE., CALDWELL:

Westward circuit for these gates is within 200 feet of west end of Caldwell passing siding. Trains switching at this point should not occupy crossing circuit unnecessarily.

When westbound trains switch at the coal company west of crossing a car or caboose should be left occupying main track west of crossing to prevent gates from lowering as would be the case if entire train cleared main track and then reoccupied same.

Key controller located at crossing permits member of crew to raise gates in the event of unusual operation. To do so, it will be necessary to hold switch key in turned position to keep gates raised.

## INSTRUCTIONS FOR ENGINEMEN WITH LOCOMOTIVES EQUIPPED WITH AUTOMATIC TRAIN STOP DEVICES

Open inductors are in service on engine dispatching tracks at Jersey City, Secaucus, Port Jervis; and also on Inbound and Outbound Turntable Tracks at Maybrook (For diesels only) enginemen are required to take brake application passing over the first of these inductors and to acknowledge passing over the other.

All defects in apparatus must be reported on regular Form 1404. It is required that when an engine equipped with automatic train stop makes any stop on account of same, regardless of whether it occurs on the New York or Delaware Division, it should be reported to the Superintendent at once and engineers must, at the completion of their trip, submit Form 5322-A to the Master Mechanic. Great care in making this report should be taken in giving the exact location of the brake application. This report in addition to Form 5322 made out by the engineer. This does not cancel the instructions relative to engineers reporting cut out of automatic train stop upon arrival at terminal.

Engines not equipped with Automatic Train Stop, or with such device not in working order, will not be handled over train stop territory except under following restrictions:

1. Double-headed behind an engine the train stop device of which is in working order.
2. Dead, in freight train.
3. When train stop device fails between terminals seal will be broken on cutout cock, train stop device cut out, and report will be made to Superintendent at first point of communication and train will proceed in accordance with instructions received. In the event prevailing weather conditions interfere with visibility of signals, trains will proceed under caution from point where device fails to point of communication with Superintendent.
4. Crews of engines of foreign lines handling detoured trains between points intermediate to division terminals, under protection of Erie pilot, will be governed by instructions of Superintendent as to extra precautions to be taken to safeguard movement

### TO PLACE EQUIPMENT IN OPERATION

#### *Steam:*

1. Headlight generator must be running.
2. Main reservoir must be pumped up.
3. Reset button must be depressed for two seconds.
4. Brake valve must be moved to full service position to latch up handle to rotary valve.

#### *Diesel:*

1. Have Diesel engines running with throttle in idle position.
2. See that cutout cock in EP valve pipe is in "IN" position and sealed.
3. Close switch that starts A.T.S. motor generator set.
4. Operate acknowledging lever to full acknowledging position and hold for two seconds. Governor check light will light when A.T.S. is reset.
5. Place brake valve handle in lap position until application pressure (AP) is equal to main reservoir pressure or nearly so, then brakes can be released in the usual manner and power control (PC) switch must be reset manually on Electro-Motive locomotives.

### OPERATION

*Steam:* The actuator moves the rotary in the brake valve to service position only when A.T.S. application occurs, but the brake valve handle does not move. The engineman can manually go from service position to emergency position. When an A.T.S. application has been received, the train will come to a stop and it will be necessary, for the engineman to press the reset button located on the right side of the tender frame for two seconds; this will reset the system and indicator on top of the actuator will again go to the reset position, arrow pointing to "R".

Brake valve handle can then be relatched with the rotary by moving the handle to service position; after relatching brake valve can be moved to any position desired.

*Diesel:* Brakes are applied with an application valve which causes no movement of the brake valve handle or rotary; engineman can obtain an emergency application in the usual way after receiving an A.T.S. application but brakes cannot be released until train comes to a stop.

To release brakes, it is necessary to pull acknowledger handle all the way over for about two seconds; the check light will then light and brake valve must be moved to lap position until Application Pressure (AP) builds up, then brakes can be released in the usual way and PC switch must be reset manually on Electro-Motive locomotives.



#### BROKEN AIR PIPES

*Steam:* If pipe on actuator cylinder is broken or leaking, plug it. It will then be necessary to break seal and raise cutout cock handle to cutout position.

When air pipe to whistle valve breaks, same should be plugged and automatic train stop not cut out.

#### ACKNOWLEDGING CONTACTOR

When required to acknowledge, acknowledger handle must be pulled down before passing a signal displaying other than "Proceed." If held down more than fifteen seconds, an automatic application will result.

Acknowledger handle must be released when whistle stops blowing or inductor has been passed.

Failure of acknowledging whistle to blow while acknowledging should be reported on form 5322-A.

Enginemen must not acknowledge until after signal indication has been observed and is being obeyed.

#### CONTROL CUTOUT COCK

This is to be used only in case of a failure of automatic train stop apparatus on locomotive.

*Steam:* This is under left hand actuator cylinder and when handle is in horizontal position the apparatus is cut in and when raised to the vertical position it is cut out.

*Diesel:* This is in the "EP" valve pipe in the nose of the locomotive and seal must be broken and handle turned to "out" position to cut the apparatus out.

#### OVER SPEED GOVERNOR

*Diesel:* Speed warning whistle will sound at approximately 80 m.p.h. on passenger locomotives and approximately 62 m.p.h. on freight locomotives and will continue to sound until speed is reduced below that value.

An over-speed brake application will occur at approximately 83 m.p.h. on passenger and approximately 65 m.p.h. on freight locomotives and can be released by placing the throttle in idle position, the brake handle in lap until the application valve in the brake system is reset.

Operation of acknowledger handle is not required after an overspeed brake application but "PC" switch must be reset manually on Electro-Motive locomotives before throttle is opened.

#### LIGHT DEFECT

*Steam:* When automatic train stop is in service, and a short occurs on the light circuit, it causes a drop in voltage until fuse on light circuit is blown, which, as a rule, will cause an application of the brakes. If such occurs, engineman will push reset button, which will develop the condition of generator and automatic stop circuit, and if both prove to be in working condition, engineman will proceed without cutting out automatic train control.

#### GOVERNOR CHECK LIGHT

*Diesel:* This light is provided to indicate that automatic train stop is reset and only burns while locomotive is standing and goes out soon after locomotive starts to move.

#### DEFECTS OR FAILURE OF APPARATUS

These shall be reported on regular engineer's defect form 5322-A immediately upon arrival at terminal. Improper applications at clear signals or other points should be reported at first telegraph office.

#### SAFETY CONTROL (DEAD MAN)

*Diesel:* Each engineman's station in the operating cab of Diesel road locomotives is equipped with a foot pedal operated safety control. This feature is connected in with application portion of brake valve.

When brakes are applied, either automatic or straight air, so that brake cylinder pressure is in excess of 35 lbs., the safety control feature is suppressed and then only can foot be removed from foot pedal.

In normal operation, the foot pedal must be depressed at all times the engine is in service. Should engineman's foot slip off or should he be incapacitated and unable to depress the foot pedal, a warning whistle immediately sounds for approximately  $4\frac{1}{2}$  seconds and if the foot pedal is not again depressed within this time, the application portion of the brake valve operates and an automatic brake application is effected.

At the start of an Automatic Train Stop, Over Speed Governor, Safety Control or Emergency Brake Application, the power control (PC) switch opens which in turn moves all Diesel engine governors to idle position, shuts off fuel pumps and removes all power from the traction motors and power cannot again be applied after a Safety Control application until foot pedal has been depressed and Automatic Brake Valve handle moved to lap position and application pressure nearly equals main reservoir pressure, then "PC" switch must be reset manually on Electro-Motive locomotives, then brakes can be released in the usual manner.

It is absolutely forbidden to nullify the operation of this Safety Control Equipment in any way except when it becomes defective enroute then it should be cut out at the regular cutout cock and reported at the next terminal.

## Port Jervis to Jersey City

EASTWARD — FIRST CLASS — TRAINS (Read Up)

Distance from Sparrowbush	Distance between Stations	No. 44 STATIONS	100	250	150		
			Daily Except Sunday and Holiday	Holiday Only	Daily Except Sunday and Holiday		
			A.M.	A.M.	A.M.		
..	..	NEW YORK Chambers St. (Ferry) A.		N.B. 6.24	N.B. 6.42		
89.8	2.2	JERSEY CITY.....A.N	5.39	6.10	6.22		
87.6	6.3	CROXTON.....N	5.34	6.05	6.17		
81.3	0.5	RUTHERFORD.....	5.25	5.56	6.08		
80.8	0.7	RUTHERFORD JCT. N	5.23	5.54	6.06		
80.1	0.6	CARLTON HILL.....	5.21	5.52	6.04		
79.5	0.7	PASSAIC PARK.....		5.50	6.02		
78.8	0.5	PROSPECT ST.....					
78.3	0.4	PASSAIC.....	5.16	5.46	5.58		
77.9	0.5	HARRISON ST.....					
77.4	1.4	CLIFTON.....	5.13	5.43	5.55		
76.0	1.2	LAKE VIEW.....	5.10	5.40	5.52		
74.8	0.7	XW TOWER.....N	5.08	5.38	5.50		
74.1	1.0	PATERSON.....	5.06	5.37	5.49		
73.1	1.1	RIVER ST.....	5.03	5.34	5.46		
72.0	1.7	HAWTHORNE.....	5.00	5.32	5.44		
70.3	0.8	GLEN ROCK.....	4.57	5.29	5.41		
69.5	0.7	RIDGEWOOD JCT.....N	4.55	5.27	5.39		
68.8	1.2	RIDGEWOOD.....	4.54	5.26	5.38		
67.6	1.1	HOHOKUS.....		5.23	5.35		
66.5	1.4	WALDWICK.....N	4.50	5.20	5.32		
65.1	1.9	ALLENDALE.....		5.17	5.29		
63.2	2.6	RAMSEY.....		5.14	5.26		
60.6	1.4	MAHWAH.....		5.09	5.21		
59.2	1.0	SUFFERN.....N		5.07	5.19		
58.2	1.2	HILLBURN.....					
57.0	1.8	RAMAPO.....					
55.2	2.6	SLOATSBURG.....					
52.6	3.8	TUXEDO.....					
48.8	2.4	SOUTHFIELDS.....					
46.4	1.6	ARDEN.....					
44.8	1.0	NEWBURGH JCT.....N					
43.8	2.5	HARRIMAN.....					
41.3	2.8	MONROE.....					
38.5	2.2	OXFORD.....					
36.3	0.8	GREYCOURT.....					
35.5	4.5	CHESTER.....					
31.0	3.9	GOSHEN.....N					
27.1	3.4	NEW HAMPTON.....					
23.7	2.7	MIDDLETOWN.....N					
21.0	1.2	HOWELLS JCT.....					
19.8	4.7	HOWELLS.....					
15.1	5.0	OTISVILLE.....					
10.1	7.6	GRAHAM.....					
2.5	2.5	PORT JERVIS.....L. N A.					
..	..	SPARROWBUSH.....					
			A.M.	A.M.	A.M.		



## Port Jervis to Jersey City

EASTWARD — FIRST CLASS — TRAINS (Read Up)

Distance from Sparrowbush	Distance between Stations	No. 44 STATIONS	304	110	230	112	114	
			Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Saturday Only	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	
			A.M.	A.M.	A.M.	A.M.	A.M.	
..	..	NEW YORK Chambers St. (Ferry) ..A.	N.B. 8.19	N.B. 8.19	N.B. 8.39	N.B. 8.19	N.B. 8.26	
89.8	2.2	JERSEY CITY.....A. N	8.03	8.02	8.08	8.07	8.13	
87.6	6.3	CROXTON.....N	7.58	7.57	8.03	8.02	8.08	
81.3	0.5	RUTHERFORD.....	(Newark Branch.)	s 7.49	s 7.53	s 7.54	s 8.00	
80.8	0.7	RUTHERFORD JCT. N		7.47	7.51	7.52	7.58	
80.1	0.6	CARLTON HILL.....		s 7.45	s 7.49		s 7.56	
79.5	0.7	PASSAIC PARK.....		s 7.43	s 7.47		s 7.54	
78.8	0.5	PROSPECT ST.....						
78.3	0.4	PASSAIC.....		s 7.40	s 7.43	(B.C.R.R.)	s 7.50	
77.9	0.5	HARRISON ST.....						
77.4	1.4	CLIFTON.....		s 7.37	s 7.40			
76.0	1.2	LAKE VIEW.....		s 7.34	s 7.37			
74.8	0.7	XW TOWER.....N	7.18	7.32	7.34			
74.1	1.0	PATERSON.....	s 7.16	s 7.30	s 7.32		s 7.40	
73.1	1.1	RIVER ST.....		s 7.27	s 7.29			
72.0	1.7	HAWTHORNE.....		s 7.24	s 7.26			
70.3	0.8	GLEN ROCK.....		s 7.21	s 7.23			
69.5	0.7	RIDGEWOOD JCT. N		7.19	7.21	7.32		
68.8	1.2	RIDGEWOOD.....		s 7.18	s 7.20	s 7.31		
67.6	1.1	HOHOKUS.....		s 7.15	s 7.17	s 7.28		
66.5	1.4	WALDWICK.....N		s 7.12	s 7.14	s 7.25		
65.1	1.9	ALLENDALE.....						
63.2	2.6	RAMSEY.....						
60.6	1.4	MAHWAH.....						
59.2	1.0	SUFFERN.....N						
58.2	1.2	HILLBURN.....						
57.0	1.8	RAMAPO.....						
55.2	2.6	SLOATSBURG.....						
52.6	3.8	TUXEDO.....						
48.8	2.4	SOUTHFIELDS.....						
46.4	1.6	ARDEN.....						
44.8	1.0	NEWBURGH JCT. N						
43.8	2.5	HARRIMAN.....						
41.3	2.8	MONROE.....						
38.5	2.2	OXFORD.....						
36.3	0.8	GREYCOURT.....						
35.5	4.5	CHESTER.....						
31.0	3.9	GOSHEN.....N						
27.1	3.4	NEW HAMPTON.....						
23.7	2.7	MIDDLETOWN.....N						
21.0	1.2	HOWELLS JCT.....						
19.8	4.7	HOWELLS.....	Will operate Oct. 13, Nov. 4, Feb. 12.	Will operate Oct. 13, Nov. 4, Feb. 12 and Feb. 23.				
15.1	5.0	OTISVILLE.....						
10.1	7.6	GRAHAM.....						
2.5	2.5	PORT JERVIS.....L. N A.						
..	..	SPARROWBUSH.....	A.M.	A.M.	A.M.	A.M.	A.M.	

Port Jervis to Jersey City

EASTWARD — FIRST CLASS — TRAINS (Read Up)

306	730	156	120	52	54	202	6
Daily Except Saturday Sunday & Holiday	Sunday and Holiday Only	Daily Except Sunday and Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Holiday Oct. 13, Nov. 4, Feb. 12, 23, Only	Saturday Only	Daily
A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.
N.B. 8.43	N.B. 8.37	N.B. 8.26	N.B. 8.32	N.B. 8.32	N.B. 8.43	N.B. 8.39	8.37
8.30	8.22	8.13	8.17	8.20	8.28	8.27	8.25
8.25	8.17	8.08	8.12	8.15	8.23	8.22	8.20
(Newark Branch.)	8.07	7.58	8.02	8.06	8.13	8.14	8.08
	8.05					8.13	
	8.03					8.11	
	8.01					8.09	
	7.57	(B.C.R.R.)	(B.C.R.R.)	(B.C.R.R.)	(B.C.R.R.)	8.05	
	7.54					8.02	
	7.51					7.59	
7.48	7.49					7.57	7.55
7.46	7.48					7.56	7.53
7.43	7.46					7.54	
7.41	7.43					7.52	
7.38	7.40					7.49	
7.35	7.38	7.42	7.51	7.54	7.54	7.47	7.45
Track 4 7.34	7.37	* 7.38	7.50	7.50	7.52	7.46	7.44
7.30	7.34	7.38	7.43	7.47	7.49	7.43	7.41
	7.31	7.35			7.47	7.41	
	7.28	7.32			7.45	7.38	
	7.25	7.29			7.42	7.35	
	7.19	7.23		7.39	7.36	7.30	
	7.17	7.20		7.36	7.33	7.27	7.34
				7.25	7.22	7.24	
				7.21	7.18	7.20	
				7.17	7.14	7.16	7.27
				7.11	7.08		
				f 7.04			
				7.07	7.02	7.07	7.19
				7.05	7.00	7.05	
				7.01	6.56	7.01	
				6.52	6.47	6.51	7.10
				6.45	6.44	6.44	7.04
				6.39	6.38		
				6.34	6.33	6.34	* 6.55
				6.15	6.14	6.15	
				6.09	6.08	6.09	6.38
				5.55	5.55	5.55	6.26
							6.16
							6.11
A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.

No. 6 stop Middletown to discharge passengers Binghamton, west. Suns. and Hols. Nov. 27, Dec. 25 and Jan. 1, stop Middletown, take on New York passengers. When Middletown stop is not made, reduce speed to 35 m.p.h. for safe discharge of U.S. Mail. Sundays stop Passaic discharge passengers Port Jervis, west.

Port Jervis to Jersey City

EASTWARD — FIRST CLASS — TRAINS (Read Up)

Distance from Sparrowbush	Distance between Stations	No. 44 STATIONS	160	118	158	308	
			Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	
			A.M.	A.M.	A.M.	A.M.	
..	..	NEW YORK Chambers St. (Ferry) A.	N.B. 8.43	N.B. 8.43	8.57	9.14	
89.8	2.2	JERSEY CITY..... A. N	8.28	8.31	8.45	9.02	
87.6	6.3	CROXTON..... N	8.23	8.26	8.40	8.57	
81.3	0.5	RUTHERFORD.....		8.18	8.31	(Newark Branch.)	
80.8	0.7	RUTHERFORD JCT. N	8.13	8.16	8.29		
80.1	0.6	CARLTON HILL.....			8.27		
79.5	0.7	PASSAIC PARK.....			8.25		
78.8	0.5	PROSPECT ST.....					
78.3	0.4	PASSAIC.....	(B.C.R.R.)	8.10	8.21		
77.9	0.5	HARRISON ST.....			8.07	8.18	
77.4	1.4	CLIFTON.....			8.04	8.15	
76.0	1.2	LAKE VIEW.....			8.02	8.12	
74.8	0.7	XW TOWER..... N				8.16	
74.1	1.0	PATERSON.....		8.00	8.10	8.14	
73.1	1.1	RIVER ST.....			8.07		
72.0	1.7	HAWTHORNE.....			8.04		
70.3	0.8	GLEN ROCK.....			8.01		
69.5	0.7	RIDGEWOOD JCT. N	8.00		7.59		
68.8	1.2	RIDGEWOOD.....	Track 4		7.58		
67.6	1.1	HOHOKUS.....				7.55	
66.5	1.4	WALDWICK..... N		7.55		7.52	
65.1	1.9	ALLENDALE.....		7.52			
63.2	2.6	RAMSEY.....		7.49			
60.6	1.4	MAHWAH.....	7.43				
59.2	1.0	SUFFERN..... N	7.40				
58.2	1.2	HILLBURN.....					
57.0	1.8	RAMAPO.....					
55.2	2.6	SLOATSBURG.....					
52.6	3.8	TUXEDO.....					
48.8	2.4	SOUTHFIELDS.....					
46.4	1.6	ARDEN.....					
44.8	1.0	NEWBURGH JCT. N					
43.8	2.5	HARRIMAN.....					
41.3	2.8	MONROE.....					
38.5	2.2	OXFORD.....					
36.3	0.8	GREYCOURT.....					
35.5	4.5	CHESTER.....					
31.0	3.9	GOSHEN..... N					
27.1	3.4	NEW HAMPTON.....					
23.7	2.7	MIDDLETOWN..... N					
21.0	1.2	HOWELLS JCT.....					
19.8	4.7	HOWELLS.....			Will operate Oct. 13, Nov. 4, Feb. 12		
15.1	5.0	OTISVILLE.....				Will operate Oct. 13, Nov. 4, Feb. 12	
10.1	7.6	GRAHAM.....					
2.5	2.5	PORT JERVIS..... L, N A.					
..	..	SPARROWBUSH.....					
			A.M.	A.M.	A.M.	A.M.	

Port Jervis to Jersey City

EASTWARD — FIRST CLASS — TRAINS (Read Up)

184	122	124	56	204	162	700		
Daily Except Sunday and Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday	Daily Except Saturday Sunday & Holiday	Saturday Only	Daily Except Sunday & Holiday	Sunday and Holiday Only		
A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.		
N.B. 9.03	N.B. 9.14	N.B. 9.39	9.21	N.B. 9.37	N.B. 10.24	N.B. 10.43		
8.50	8.57	9.26	9.09	9.20	10.05	10.30		
8.45	8.52	9.21	9.04	9.15	10.00	10.25		
	s 8.43	s 9.12		s 9.06	s 9.50	s 10.16		
8.36	8.41	9.10	8.56	9.05	9.48	10.15		
		s 9.08		s 9.03				
	s 8.38	s 9.06		s 9.01	s 9.46			
(B.C.R.R.)	s 8.34	s 9.02	(B.C.R.R.)	s 8.57	s 9.42	s 10.10		
	s 8.31	s 8.59		s 8.54	s 9.39	H 10.07		
		s 8.56		s 8.51	s 9.36			
	8.28	8.53		8.49	9.34	10.04		
	s 8.26	s 8.51		s 8.48	s 9.33	s 10.03		
		s 8.49			s 9.31			
		s 8.46		s 8.45	s 9.28	H 10.00		
	s 8.21	s 8.43		s 8.42	s 9.25			
8.16	8.19	8.41	8.45	8.40	9.23	9.57		
s 8.14	s 8.18	s 8.39	s 8.44	s 8.39	s 9.22	s 9.56		
s 8.11		s 8.36		s 8.36	s 9.19			
s 8.08	8.15	s 8.33	8.40	s 8.34	s 9.16	H 9.53		
s 8.05					s 9.13			
s 8.02			s 8.36	s 8.30	s 9.10	H 9.49		
s 7.55			s 8.30	s 8.25	s 9.05			
s 7.53			s 8.27	s 8.23	s 9.02	s 9.43		
			s 8.21	s 8.17		s 9.37		
			s 8.17	s 8.13		s 9.33		
			s 8.11					
			s 8.07					
			8.04	8.04		9.24		
			s 8.03	s 8.02		s 9.22		
			s 7.59	s 7.58		s 9.18		
			s 7.50	s 7.49		s 9.09		
			s 7.43	s 7.42		s 9.02		
			s 7.37	s 7.36		f 8.56		
			s 7.32	s 7.31		s 8.51		
			s 7.25	s 7.25		s 8.42		
			s 7.19	s 7.19		s 8.36		
			7.13	7.12		8.29		
			7.00	7.00		8.15		
Will operate Oct. 13, Nov. 4, Feb. 12								
A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.		

No. 700 Holidays stop  
Ramsay, Waldwick,  
Hawthorne and Clifton.

## Port Jervis to Jersey City

## EASTWARD — FIRST CLASS — TRAINS (Read Up)

Distance from Sparrowbush	Distance between Stations	No. 44 STATIONS	126	252	164	128	130
			Daily Except Saturday Sunday & Holiday	Saturday Only	Daily Except Saturday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday
			A.M.	A.M.	A.M.	P.M.	P.M.
..	..	NEW YORK Chambers St. (Ferry) A.	N.B. 11.14	11.28	11.34	N.B. 12.14	N.B. 12.34
89.8	2.2	JERSEY CITY..... A. N	10.55	11.07	11.20	12.00	12.20
87.6	6.3	CROXTON..... N	10.50	11.02	11.15	11.55	12.15
81.3	0.5	RUTHERFORD.....	s10.42	s10.53	s11.06	s11.46	s12.07
80.8	0.7	RUTHERFORD JCT. N	10.40	10.51	11.04	11.44	12.06
80.1	0.6	CARLTON HILL.....		s10.50	s11.02		
79.5	0.7	PASSAIC PARK.....	s10.37	s10.48	s11.00	s11.41	s12.04
78.8	0.5	PROSPECT ST.....					
78.3	0.4	PASSAIC.....	s10.33	s10.44	s10.56	s11.37	s12.00
77.9	0.5	HARRISON ST.....					
77.4	1.4	CLIFTON.....	s10.30	s10.41	s10.53	s11.34	s11.57
76.0	1.2	LAKE VIEW.....	s10.27	s10.38	s10.50		s11.54
74.8	0.7	XW TOWER..... N	10.22	10.36	10.48	11.31	11.52
74.1	1.0	PATERSON.....	s10.20	s10.35	s10.47	s11.29	s11.50
73.1	1.1	RIVER ST.....		s10.33	s10.45		
72.0	1.7	HAWTHORNE.....		s10.31	s10.43	s11.26	
70.3	0.8	GLEN ROCK.....		s10.28	s10.40	s11.23	
69.5	0.7	RIDGEWOOD JCT. N		10.26	10.38	11.21	
68.8	1.2	RIDGEWOOD.....		s10.24	s10.36	s11.19	
67.6	1.1	HOHOKUS.....		s10.21	s10.33	s11.16	
66.5	1.4	WALDWICK..... N		s10.18	s10.30	s11.13	
65.1	1.9	ALLEDALE.....		s10.15	s10.27		
63.2	2.6	RAMSEY.....		s10.12	s10.24		
60.6	1.4	MAHWAH.....		s10.07	s10.18		
59.2	1.0	SUFFERN..... N		s10.05	s10.15		
58.2	1.2	HILLBURN.....					
57.0	1.8	RAMAPO.....					
55.2	2.6	SLOATSBURG.....					
52.6	3.8	TUXEDO.....					
48.8	2.4	SOUTHFIELDS.....					
46.4	1.6	ARDEN.....					
44.8	1.0	NEWBURGH JCT. N					
43.8	2.5	HARRIMAN.....					
41.3	2.8	MONROE.....					
38.5	2.2	OXFORD.....					
36.3	0.8	GREYCOURT.....					
35.5	4.5	CHESTER.....					
31.0	3.9	GOSHEN..... N					
27.1	3.4	NEW HAMPTON.....					
23.7	2.7	MIDDLETOWN..... N					
21.0	1.2	HOWELLS JCT.....					
19.8	4.7	HOWELLS.....					
15.1	5.0	OTISVILLE.....					
10.1	7.6	GRAHAM.....					
2.5	2.5	PORT JERVIS..... L. N A.					
..	..	SPARROWBUSH.....					
			A.M.	A.M.	A.M.	A.M.	A.M.



Port Jervis to Jersey City

EASTWARD — FIRST CLASS — TRAINS (Read Up)

30	132	752	136	138	140	754	62	
Daily	Daily Except Saturday Sunday & Holiday	Sunday and Holiday Only	Daily Except Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Sunday and Holiday Only	Daily Except Sunday	
P.M.	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.	
1.04	N.B. 1.34	N.B. 2.04	2.34	3.09	3.34	N.B. 3.34	N.B. 4.24	
12.50	1.22	1.52	2.20	2.57	3.22	3.18	4.12	
12.45	1.17	1.47	2.15	2.52	3.17	3.13	4.07	
s 12.35	s 1.08	s 1.38	s 2.06	s 2.43	s 3.08	s 3.04	s 3.58	
12.33	1.06	1.36	2.04	2.41	3.06	3.02	3.56	
	f 1.04	s 1.34		s 2.39				
	s 1.02	f 1.32	s 2.01	s 2.37			s 3.53	
s 12.27	s 12.58	s 1.28	s 1.57	s 2.33	s 3.01	s 2.57	s 3.49	
*	s 12.55	s 1.25	s 1.54	s 2.30	s 2.56	s 2.54	s 3.44	
	s 12.52	s 1.22	s 1.51	s 2.27		s 2.51		
12.20	12.50	1.20	1.49	2.25	2.52	2.49	3.39	
s 12.18	s 12.49	s 1.19	s 1.48	s 2.23	s 2.50	s 2.47	s 3.37	
*	s 12.46	s 1.15	s 1.44		s 2.44	s 2.43		
s 12.12	s 12.43	s 1.12	s 1.41		f 2.42	f 2.41	s 3.28	
12.10	12.41	1.10	1.39		2.40	2.39	3.26	
s 12.08	s 12.40	s 1.08	s 1.38		s 2.39	s 2.37	s 3.24	
	s 12.37	s 1.05	s 1.35		s 2.32	s 2.34		
* 12.03	s 12.34	s 1.02	s 1.33		s 2.30	s 2.31	s 3.18	
s 12.00		s 12.59			s 2.27	s 2.28	s 3.15	
s 11.57		s 12.56			s 2.22	s 2.25	s 3.12	
s 11.50		s 12.50			s 2.15	s 2.20	s 3.05	
		s 12.48					s 3.03	
							s 2.58	
f 11.42							s 2.54	
s 11.39							s 2.50	
							f 2.44	
11.30							2.40	
s 11.28							s 2.38	
s 11.24							s 2.33	
s 11.14							s 2.23	
s 11.07							s 2.15	
s 10.55							s 2.03	
f 10.44							f 1.51	
s 10.38							s 1.43	
10.32							1.37	
10.20							1.25	
A.M.	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.	

No. 30 Saturdays stop Waldwick, Hawthorne and Clifton, arrive Jersey City 12.55 p.m.

Will not operate west of Waldwick on holidays

No. 62 reduce speed to 35 miles per hour at Howells to receive mail. Will not operate west of Suffern on holidays.

## Port Jervis to Jersey City

## EASTWARD — FIRST CLASS — TRAINS (Read Up)

Distance from Sparrowbush	Distance between Stations	No. 44 STATIONS	142	166	168	280	
			Daily Except Saturday Sunday & Holiday P.M.	Daily Except Saturday Sunday & Holiday P.M.	Daily P.M.	Sunday and Holiday Only P.M.	
..	..	NEW YORK Chambers St. (Ferry) A.	N.B. 4.54	5.33	N.B. 6.24	6.46	
89.8	2.2	JERSEY CITY..... A. N	4.40	5.12	6.10	6.25	
87.6	6.3	CROXTON..... N	4.35	5.07	6.05	6.20	
81.3	0.5	RUTHERFORD..... s	4.26	4.58	5.54		
80.8	0.7	RUTHERFORD JCT. N	4.24	4.56	5.52	6.11	
80.1	0.6	CARLTON HILL.....			5.50		
79.5	0.7	PASSAIC PARK.....			5.48		
78.8	0.5	PROSPECT ST.....					
78.3	0.4	PASSAIC..... s	4.19	4.50	5.44	6.05	
77.9	0.5	HARRISON ST.....					
77.4	1.4	CLIFTON..... s	4.16	4.46	5.40		
76.0	1.2	LAKE VIEW..... s	4.13	4.43	5.37		
74.8	0.7	XW TOWER..... N	4.11	4.41	5.34	5.57	
74.1	1.0	PATERSON..... s	4.10	4.39	5.32	5.55	
73.1	1.1	RIVER ST.....			5.29		
72.0	1.7	HAWTHORNE..... s	4.07		5.26		
70.3	0.8	GLEN ROCK.....			5.23	5.47	
69.5	0.7	RIDGEWOOD JCT. N	4.03	4.31	5.21	5.45	
68.8	1.2	RIDGEWOOD..... s	4.02	4.29	5.20	5.44	
67.6	1.1	HOHOKUS.....		4.26	5.17		
66.5	1.4	WALDWICK..... N s	3.58	4.24	5.14	5.39	
65.1	1.9	ALLENDALE.....			5.11		
63.2	2.6	RAMSEY.....		4.19	5.08	*	
60.6	1.4	MAHWAH.....			5.03		
59.2	1.0	SUFFERN..... N		4.13	5.00	5.29	
58.2	1.2	HILLBURN.....					
57.0	1.8	RAMAPO.....					
55.2	2.6	SLOATSBURG.....				5.22	
52.6	3.8	TUXEDO.....				5.17	
48.8	2.4	SOUTHFIELDS.....				5.11	
46.4	1.6	ARDEN.....				5.07	
44.8	1.0	NEWBURGH JCT. N				5.05	
43.8	2.5	HARRIMAN.....				5.03	
41.3	2.8	MONROE.....				4.58	
38.5	2.2	OXFORD.....					
36.3	0.8	GREYCOURT.....					
35.5	4.5	CHESTER.....				4.48	
31.0	3.9	GOSHEN..... N				4.40	
27.1	3.4	NEW HAMPTON.....				4.29	
23.7	2.7	MIDDLETOWN..... N					
21.0	1.2	HOWELLS JCT.....					
19.8	4.7	HOWELLS.....					
15.1	5.0	OTISVILLE.....				4.14	
10.1	7.6	GRAHAM.....				4.08	
2.5	2.5	PORT JERVIS..... L. N A.				3.56	
..	..	SPARROWBUSH.....				3.51	
			P.M.	P.M.	P.M.	P.M.	No. 280 Stop Ramsey to discharge passengers.

Stop 5th Ave. crossing, West Paterson, to receive passengers. Will operate on Holidays Oct. 13, Nov. 4 and Feb. 12.

Stop 5th Ave. crossing, West Paterson, to receive passengers.

Port Jervis to Jersey City

EASTWARD.— FIRST CLASS — TRAINS (Read Up)

	28	2		170	196	144		256
	Daily Except Sunday and Holiday	Daily		Daily	Daily Except Sunday	Daily Except Saturday Sunday & Holiday		Saturday Sunday and Holiday Only
	P.M.	P.M.		P.M.	P.M.	P.M.		P.M.
	6.44	7.14		7.34	x	N.B. 8.14		N.B. 9.01
	6.20	6.55		7.20	7.55	8.00		8.45
	6.25	6.50		7.15	7.49	7.55		8.40
	6.15	6.40		s 7.06 * 7.04	7.40	s 7.46 7.44		s 8.31 8.29
								s 8.26
	s 6.10	* 6.35		s 6.59	7.30	s 7.39		s 8.22
				s 6.54		s 7.36		s 8.19
				s 6.51		s 7.33		s 8.16
	6.01	6.29		6.49	7.02	7.31		8.14
	s 5.59	s 6.27		s 6.48	7.00	s 7.30		s 8.12
				s 6.42		s 7.28		s 8.07
				* 6.39		s 7.26		s 8.04
	5.51	6.20		6.39		7.24		8.02
	s 5.49	s 6.19		s 6.38		s 7.23		s 8.00
				* 6.31		s 7.19		s 7.56
	5.45	6.15		s 6.27				s 7.53
				s 6.24				s 7.50
				f 6.19				s 7.43
	s 5.36	* 6.06		s 6.16				s 7.40
	5.25	5.59						
	5.16	5.50						
No. 28 Friday and Saturday stop Otisville.	s 5.14		No. 2 stop Middletown and Goshen to discharge or take on passengers. Stop Suffern and Passaic, discharge passengers from west of Port Jervis.		Saturday stop Glen Rock 6:40 p.m. Sunday stop Hobokus 6:33 p.m. and Carlton Hill 7:03 p.m.			
	s 5.09							
		5.39						
	s 4.59	* 5.32						
	s 4.52	* 5.22						
	s 4.40							
	* 4.22							
4.15	5.05							
3.58	4.53							
3.51	4.43							
3.45	4.38							
	P.M.	P.M.		P.M.	P.M.	P.M.		P.M.

## Port Jervis to Jersey City

EASTWARD — FIRST CLASS — TRAINS (Read Up)

Distance from Sparrowbush	Distance between Stations	No. 44 STATIONS	172	704		146	258
			Daily Except Saturday Sunday & Holiday	Sunday and Holiday Only		Daily Except Sunday and Holiday	Saturday Only
			P.M.	P.M.		P.M.	P.M.
		NEW YORK	N.B.				N.B.
		Chambers St. (Ferry) A.	9.14	9.37		9.39	10.09
89.8	2.2	JERSEY CITY..... A. N	8.55	9.21		9.27	9.57
87.6	6.3	CROXTON..... N	8.50	9.16		9.22	9.52
81.3	0.5	RUTHERFORD.....	s 8.40	s 9.08		s 9.13	s 9.43
80.8	0.7	RUTHERFORD JCT. N	8.38	9.06		9.11	9.41
80.1	0.6	CARLTON HILL.....					
79.5	0.7	PASSAIC PARK.....	s 8.36				s 9.39
78.8	0.5	PROSPECT ST.....					
78.3	0.4	PASSAIC.....	s 8.32	s 9.01		s 9.06	s 9.35
77.9	0.5	HARRISON ST.....					
77.4	1.4	CLIFTON.....	s 8.27	s 8.58			s 9.32
76.0	1.2	LAKE VIEW.....	s 8.24				s 9.29
74.8	0.7	XW TOWER..... N	8.22	8.55		8.56	9.27
74.1	1.0	PATERSON.....	s 8.21	s 8.53		s 8.54	s 9.25
73.1	1.1	RIVER ST.....					
72.0	1.7	HAWTHORNE.....					
70.3	0.8	GLEN ROCK.....	s 8.13				
69.5	0.7	RIDGEWOOD JCT..... N	8.11	8.45		8.46	
68.8	1.2	RIDGEWOOD.....	s 8.10	s 8.44		s 8.44	
67.6	1.1	HOHOKUS.....					
66.5	1.4	WALDWICK..... N	s 8.02	s 8.40		s 8.40	
65.1	1.9	ALLENDALE.....					
63.2	2.6	RAMSEY.....	s 7.58	s 8.36			
60.6	1.4	MAHWAH.....	s 7.52				
59.2	1.0	SUFFERN..... N	s 7.50	s 8.29			
58.2	1.2	HILLBURN.....					
57.0	1.8	RAMAPO.....					
55.2	2.6	SLOATSBURG.....		s 8.23			
52.6	3.8	TUXEDO.....		s 8.19			
48.8	2.4	SOUTHFIELDS.....		s 8.13			
46.4	1.6	ARDEN.....		s 8.09			
44.8	1.0	NEWBURGH JCT..... N		8.07			
43.8	2.5	HARRIMAN.....		s 8.05			
41.3	2.8	MONROE.....		s 8.01			
38.5	2.2	OXFORD.....					
36.3	0.8	GREYCOURT.....					
35.5	4.5	CHESTER.....		s 7.51			
31.0	3.9	GOSHEN..... N		s 7.44			
27.1	3.4	NEW HAMPTON.....					
23.7	2.7	MIDDLETOWN..... N		s 7.34			
21.0	1.2	HOWELLS JCT.....					
19.8	4.7	HOWELLS.....		s 7.26			
15.1	5.0	OTISVILLE.....		s 7.19			
10.1	7.6	GRAHAM.....		7.12			
2.5	2.5	PORT JERVIS..... L. N A.		7.00			
		SPARROWBUSH.....					
			P.M.	P.M.		P.M.	P.M.

Port Jervis to Jersey City

EASTWARD — FIRST CLASS — TRAINS (Read Up)

148	8	174	80	176		178		68
Daily Except Saturday Sunday & Holiday	Daily Except Sunday	Daily	Sunday Only	Daily Except Saturday and Sunday		Daily Except Sunday and Holiday		Daily
P.M.	P.M.	P.M.	P.M.	P.M.		A.M.		A.M.
N.B. 10.24	10.54	N.B. 10.54	11.24	N.B. 11.54		12.24		12.54
10.05	10.25	10.42	10.55	11.32		12.05		12.42
10.00	10.17	10.37	10.47	11.27		12.00		12.37
§ 9.50		§10.28		§11.18		§11.51		§12.28
9.48	10.08	10.27	10.38	11.17		11.49		12.26
§ 9.44		*		§11.14				§12.24
§ 9.40		§10.22		§11.10		§11.43		§12.20
§ 9.37	(B.C.R.R.) Stop Ridgewood, discharge passengers, Binghamton, west.	§10.19	(B.C.R.R.) Stop Ridgewood, discharge passengers, Binghamton, west.	§11.07		§11.38		§12.17
§ 9.34		10.16		§11.04		§11.35		§12.14
9.32				10.52		11.33		12.06
§ 9.30		§10.14		§10.51		§11.32		§12.05
		§10.11						*
		§10.09		§10.47		§11.25		*
				§10.44		§11.22		*
	9.56	10.05	10.26	10.42		11.20		11.57
	* 9.55	§10.04	*10.25	§10.40		§11.18		§11.55
		§10.01		§10.37				
	9.52	§ 9.59	10.22	§10.35		§11.14		§11.51
		§ 9.56				§11.11		§11.48
		§ 9.53				§11.08		§11.45
		§ 9.48				§11.02		*
	9.45	§ 9.45	10.15			§11.00		§11.39
								§11.32
	9.38		10.08					§11.28
								§11.22
	9.30		10.00					11.18
								§11.16
								§11.12
								§11.02
	9.14		9.44					§10.55
	§ 9.05		§ 9.35					*
								§10.45
	8.47	Stop Carlton Hill to discharge passengers.	9.17					
	8.35		9.05					
	8.25		8.55					
	8.20		8.50					
P.M.	P.M.	P.M.	P.M.	P.M.		P.M.		P.M.

No. 68 stop New Hampton to discharge passengers. Sundays stop Mahwah, Glen Rock and Hawthorne.

## Jersey City to Port Jervis

WESTWARD — FIRST CLASS — TRAINS (Read Down)

Distance from Jersey City	Distance between Stations	No. 44 STATIONS	177	7	149		51
			Daily Except Sunday	Daily	Daily Except Sunday		Daily Except Sunday
			A.M.	A.M.	A.M.		A.M.
..	..	NEW YORK Chambers St. (Ferry) L.	N.B. 12.01	12.01	N.B. 12.30		N.B. 1.00
2.2	2.2	JERSEY CITY.....L. N	12.15	12.40	12.50		1.15
		CROXTON.....N	12.20	12.45	12.55		1.20
8.5	6.3	RUTHERFORD.....	\$12.29		\$ 1.05		\$ 1.29
9.0	0.5	RUTHERFORD JCT. N	12.31	12.55	1.07		1.31
9.7	0.7	CARLTON HILL.....	\$12.33		*		\$ 1.33
10.3	0.6	PASSAIC PARK.....	\$12.35				\$ 1.35
11.0	0.7	PROSPECT ST.....					
11.5	0.5	PASSAIC.....	\$12.39		\$ 1.13		\$ 1.39
11.9	0.4	HARRISON ST.....					
12.4	0.5	CLIFTON.....	\$12.41		\$ 1.16		\$ 1.42
13.8	1.4	LAKE VIEW.....	\$12.43		\$ 1.19		\$ 1.45
15.0	1.2	XW TOWER.....N	12.45	(B.C.R.R.)	1.21		1.45
15.7	0.7	PATERSON.....	\$12.47		\$ 1.23		\$ 1.47
16.7	1.0	RIVER ST.....	\$12.49				
17.8	1.1	HAWTHORNE.....	\$12.51		\$ 1.27		*
19.5	1.7	GLEN ROCK.....	\$12.54		\$ 1.30		*
20.3	0.8	RIDGEWOOD JCT. N	12.56	1.07	1.32		1.56
21.0	0.7	RIDGEWOOD.....	\$12.58		\$ 1.35		\$ 1.58
22.2	1.2	HOBOKUS.....	\$ 1.00		\$ 1.38		\$ 2.00
23.3	1.1	WALDWICK.....N	\$ 1.03	1.11	\$ 1.41		\$ 2.03
24.7	1.4	ALLENDALE.....	\$ 1.05				\$ 2.06
26.6	1.9	RAMSEY.....	\$ 1.08				\$ 2.09
29.2	2.6	MAHWAH.....	\$ 1.12				\$ 2.13
30.6	1.4	SUFFERN.....N	\$ 1.15	1.19			\$ 2.15
31.6	1.0	HILLBURN.....					
32.8	1.2	RAMAPO.....					
34.6	1.8	SLOATSBURG.....					
37.2	2.6	TUXEDO.....		1.27			2.24
41.0	3.8	SOUTHFIELDS.....					
43.4	2.4	ARDEN.....					
45.0	1.6	NEWBURGH JCT. N		1.35			2.32
46.0	1.0	HARRIMAN.....					
48.5	2.5	MONROE.....					\$ 2.39
51.3	2.8	OXFORD.....					
53.5	2.2	GREYCOURT.....		1.43			
54.3	0.8	CHESTER.....					*
58.8	4.5	GOSHEN.....N		1.49			\$ 2.56
62.7	3.9	NEW HAMPTON.....					
66.1	3.4	MIDDLETOWN.....N		\$ 2.03			\$ 3.20
68.8	2.7	HOWELLS JCT.....					
70.0	1.2	HOWELLS.....					
74.7	4.7	OTISVILLE.....					
79.7	5.0	GRAHAM.....		2.28			3.45
87.3	7.6	PORT JERVIS.....A. L. N		2.40			3.57
89.8	2.5	SPARROWBUSH.....		2.50			
			A.M.	A.M.	A.M.		A.M.

Will not operate Oct. 14,  
Nov. 5, Nov. 28, Dec. 20,  
Jan. 2, Feb. 13, and Feb. 24.

Stop Carlton Hill to  
discharge passengers.

No. 51 stop Lake View,  
Hawthorne, Glen Rock,  
and Chester discharge  
passengers.

Jersey City to Port Jervis

WESTWARD — FIRST CLASS — TRAINS (Read Down)

191	55	101	103	151	153	59	105	1
Daily Except Sunday	Daily Except Sunday	Daily Except Saturday and Sunday	Daily Except Sunday and Holiday	Daily Except Saturday	Daily Except Sunday	Sunday Only	Daily Except Sunday and Holiday	Daily
A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.
x			N.B.			N.B.	N.B.	
	4.30	5.45	6.45	7.00	8.10	8.43	8.50	9.15
3.45	4.45	6.00	7.00	7.20	8.25	9.00	9.05	9.30
3.50	4.50	6.05	7.05	7.25	8.30	9.05	9.10	9.35
	§ 5.02	§ 6.15	§ 7.14	§ 7.34	§ 8.40	§ 9.14	§ 9.19	
4.10	5.04	6.17	7.16	7.36	8.42	9.16	9.21	9.44
			§ 7.18	* .....	§ 8.44		* .....	
			§ 7.20	* .....	§ 8.46		* .....	
4.20	§ 5.14	§ 6.24	§ 7.24	§ 7.41	§ 8.51	§ 9.21	§ 9.27	* 9.49
4.25	§ 5.17	§ 6.27	§ 7.27	§ 7.44	§ 8.54	§ 9.24	§ 9.30	
	§ 5.20	§ 6.30	§ 7.30	§ 7.47	§ 8.57		§ 9.33	
4.30	5.23	6.33	7.33	7.50	9.00	9.27	9.35	9.54
4.40	§ 5.30	§ 6.37	§ 7.35	§ 7.55	§ 9.02	§ 9.29	§ 9.38	§ 9.56
		§ 6.40	§ 7.37	§ 7.57	§ 9.05			
	* .....	§ 6.43	§ 7.41	§ 8.00	§ 9.09			
	§ 5.37		§ 7.45	§ 8.03	§ 9.13			
4.50	5.39	6.47	7.47	8.05	9.15	9.36		10.03
	§ 5.45	§ 6.51	§ 7.49	§ 8.09	§ 9.17	§ 9.38		§ 10.05
	§ 5.49	§ 6.54	§ 7.52	§ 8.12	§ 9.19			
5.00	§ 5.53	§ 6.57	§ 7.55	§ 8.15	§ 9.22	9.42		10.09
	§ 5.58	§ 7.01	§ 7.58	§ 8.19	§ 9.26	*		
	§ 6.03	§ 7.05	§ 8.02	§ 8.24	§ 9.31			
	§ 6.09	§ 7.09	§ 8.06	§ 8.28	§ 9.35			
	§ 6.16	§ 7.12	§ 8.09	§ 8.31	§ 9.40	§ 9.50		* 10.18
	§ 6.25							
	§ 6.28							
	§ 6.33					§ 9.56		
	§ 6.42					§ 10.00		10.27
	§ 6.49					*		
	§ 6.53					*		
	§ 6.56					10.11		10.35
	§ 7.00					§ 10.13		
	§ 7.10					§ 10.17		
	§ 7.22							10.43
	§ 7.32							* 10.49
	§ 7.40							* 11.00
	§ 8.05							
	§ 8.15							11.19
	§ 8.30							11.30
	8.50							11.40
								11.44
A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.

No. 55 will stop at Hawthorne to discharge passengers.

Stop at Gould Ave. Paterson, to discharge passengers.

Will operate west of Waldwick Saturdays only. Stop Fifth Ave. crossing, West Paterson, discharge passengers.

Stop 5th Ave. crossing, West Paterson, discharge passengers. Sundays stop Carlton Hill and Passaic Park, discharge passengers.

Stop Fifth Ave. crossing, West Paterson to discharge passengers.

Stop Allendale, Southfields and Arden to discharge passengers.

No. 105 stop Carlton Hill and Passaic Park to discharge passengers.

No. 1 stop Goshen and Middletown to discharge or take on passengers. Stop Passaic. Suffer to receive passengers for Binghamton, west.

## Jersey City to Port Jervis

WESTWARD — FIRST CLASS — TRAINS (Read Down)

Distance from Jersey City	Distance between Stations	No. 44 STATIONS	701	107	251	109
			Sunday and Holiday Only	Daily Except Sunday and Holiday	Saturday Sunday and Holiday Only	Daily Except Saturday Sunday & Holiday
			A.M.	A.M.	A.M.	A.M.
.. ..	.. ..	NEW YORK Chambers St. (Ferry) L.	9.43	10.10	11.05	11.10
.. ..	.. ..	JERSEY CITY..... L. N	9.55	10.25	11.25	11.25
2.2	2.2	CROXTON..... N	10.00	10.30	11.30	11.30
8.5	6.3	RUTHERFORD.....	\$10.09	\$10.39	\$11.40	\$11.40
9.0	0.5	RUTHERFORD JCT. N	10.11	10.40	11.42	11.42
9.7	0.7	CARLTON HILL.....				
10.3	0.6	PASSAIC PARK.....		\$10.43		
11.0	0.7	PROSPECT ST.....				
11.5	0.5	PASSAIC.....	\$10.17	\$10.47	\$11.48	\$11.50
11.9	0.4	HARRISON ST.....				
12.4	0.5	CLIFTON.....	\$10.20	\$10.50	\$11.51	\$11.53
13.8	1.4	LAKE VIEW.....		\$10.52		
15.0	1.2	XW TOWER..... N	10.23	10.54	11.54	11.57
15.7	0.7	PATERSON.....	\$10.25	\$10.56	\$11.56	\$12.03
16.7	1.0	RIVER ST.....				
17.8	1.1	HAWTHORNE.....		\$11.00		
19.5	1.7	GLEN ROCK.....		\$11.03	\$12.01	\$12.09
20.3	0.8	RIDGEWOOD JCT. N	10.32	11.05	12.03	12.11
21.0	0.7	RIDGEWOOD.....	\$10.34	\$11.08	\$12.05	\$12.19
22.2	1.2	HOHOKUS.....		\$11.11	\$12.08	\$12.22
23.3	1.1	WALDWICK..... N	\$10.38	\$11.14	\$12.11	\$12.25
24.7	1.4	ALLENDALE.....	\$10.41		\$12.14	\$12.29
26.6	1.9	RAMSEY.....	\$10.44		\$12.17	\$12.34
29.2	2.6	MAHWAH.....			\$12.21	\$12.39
30.6	1.4	SUFFERN..... N	\$10.49		\$12.25	\$12.42
31.6	1.0	HILLBURN.....				
32.8	1.2	RAMAPO.....				
34.6	1.8	SLOATSBURG.....				
37.2	2.6	TUXEDO.....				
41.0	3.8	SOUTHFIELDS.....				
43.4	2.4	ARDEN.....				
45.0	1.6	NEWBURGH JCT. N				
46.0	1.0	HARRIMAN.....				
48.5	2.5	MONROE.....				
51.3	2.8	OXFORD.....				
53.5	2.2	GREYCOURT.....				
54.3	0.8	CHESTER.....				
58.8	4.5	GOSHEN..... N				
62.7	3.9	NEW HAMPTON.....				
66.1	3.4	MIDDLETOWN..... N				
68.8	2.7	HOWELLS JCT.....				
70.0	1.2	HOWELLS.....				
74.7	4.7	OTISVILLE.....				
79.7	5.0	GRAHAM.....				
87.3	7.6	PORT JERVIS..... A. L. N				
89.8	2.5	SPARROWBUSH.....				
			A.M.	A.M.	P.M.	P.M.

Saturdays and  
Holidays arrive  
Suffern 12.35 P. M.



Jersey City to Port Jervis

WESTWARD — FIRST CLASS — TRAINS (Read Down)

199	703		155		233	253	111
Daily Except Sunday	Saturday and Sunday Only		Daily Except Saturday and Sunday		Saturday Only	Saturday & Sunday Only	Daily Except Saturday Sunday & Holiday
A.M.	P.M.		P.M.		P.M.	P.M.	P.M.
x	N.B. 12.10		12.30		N.B. 12.40	N.B. 1.12	1.10
11.30	12.30		12.47		1.02	1.25	1.25
11.35	12.35		12.52		1.07	1.30	1.30
11.50	s12.44		s 1.02			s 1.39	s 1.39
11.52	12.45		1.04		1.15	1.40	1.41
	s12.47		s 1.06			s 1.42	*
	s12.49		s 1.08			s 1.44	
12.01	s12.53		s 1.12		(B.C.R.R.)	s 1.48	s 1.46
12.05	s12.56		s 1.15	s 1.50		s 1.49	
	s12.58		s 1.18	s 1.52			
12.08	1.00		1.21	1.54		1.52	
12.10	s 1.01		s 1.24		s 1.56	s 1.54	
	s 1.03		s 1.26		s 1.58		
	s 1.06		s 1.29		s 2.00		
	s 1.09		s 1.32		s 2.03		
	1.11		1.34		1.31	2.05	
	s 1.13		s 1.38		s 1.33	s 2.07	
	s 1.16		s 1.41		s 1.35		
	s 1.19		s 1.44		s 1.38	s 2.11	
	s 1.22		s 1.48			s 2.14	
	s 1.25		s 1.52			s 2.18	
	s 1.29		s 1.57			s 2.22	
	s 1.32		s 2.00			s 2.25	
	f 1.38						
	s 1.42						
	f 1.48						
	f 1.52						
	1.54						
	s 1.56						
	s 2.01						
	s 2.10						
	s 2.17						
	s 2.27						
	s 2.40						
	2.47						
	3.00						
P.M.	P.M.		P.M.		P.M.	P.M.	P.M.

No. 703 will not operate west of Middletown on Sunday.

Stop Carlton Hill to discharge passengers.

## Jersey City to Port Jervis

WESTWARD — FIRST CLASS — TRAINS (Read Down)

Distance from Jersey City	Distance between Stations	No. 44 STATIONS	157	27		113	257
			Daily Except Sunday and Holiday	Daily		Daily Except Saturday and Sunday	Saturday Only
			P.M.	P.M.		P.M.	P.M.
..	..	NEW YORK Chambers St. (Ferry) L.	1.40	2.10		N.B. 2.20	N.B. 2.36
..	..	JERSEY CITY.....L. N	1.55	2.30		2.35	2.50
2.2	2.2	CROXTON.....N	2.00	2.35		2.40	2.55
8.5	6.3	RUTHERFORD.....s	2.10			s 2.49	s 3.04
9.0	0.5	RUTHERFORD JCT. N	2.12	2.45		2.51	3.06
9.7	0.7	CARLTON HILL.....				s 2.53	
10.3	0.6	PASSAIC PARK.....				s 2.55	
11.0	0.7	PROSPECT ST.....					
11.5	0.5	PASSAIC.....s	2.17	s 2.50		s 2.59	
11.9	0.4	HARRISON ST.....					
12.4	0.5	CLIFTON.....s	2.20			s 3.02	
13.8	1.4	LAKE VIEW.....				s 3.05	
15.0	1.2	XW TOWER.....N	2.24	2.56		3.07	(B.C.R.R.)
15.7	0.7	PATERSON.....s	2.26	s 2.59		s 3.08	
16.7	1.0	RIVER ST.....				s 3.10	
17.8	1.1	HAWTHORNE.....s	2.30			s 3.13	
19.5	1.7	GLEN ROCK.....s	2.33			s 3.16	
20.3	0.8	RIDGEWOOD JCT. N	2.35	3.07		3.18	3.23
21.0	0.7	RIDGEWOOD.....s	2.38	s 3.11		s 3.20	s 3.25
22.2	1.2	HOHOKUS.....s	2.42			s 3.23	s 3.27
23.3	1.1	WALDWICK.....N	s 2.45	3.17		s 3.25	s 3.30
24.7	1.4	ALLENDALE.....s	2.48				s 3.33
26.6	1.9	RAMSEY.....s	2.52				s 3.37
29.2	2.6	MAHWAH.....s	2.56				s 3.41
30.6	1.4	SUFFERN.....N	s 2.59	s 3.29			s 3.43
31.6	1.0	HILLBURN.....					
32.8	1.2	RAMAPO.....					
34.6	1.8	SLOATSBURG.....					
37.2	2.6	TUXEDO.....					
41.0	3.8	SOUTHFIELDS.....		* 3.43			
43.4	2.4	ARDEN.....					
45.0	1.6	NEWBURGH JCT. N		3.48			
46.0	1.0	HARRIMAN.....					
48.5	2.5	MONROE.....s		s 3.58			
51.3	2.8	OXFORD.....					
53.5	2.2	GREYCOURT.....					
54.3	0.8	CHESTER.....*		4.08			
58.8	4.5	GOSHEN.....N		s 4.19			
62.7	3.9	NEW HAMPTON.....					
66.1	3.4	MIDDLETOWN.....N		s 4.30			
68.8	2.7	HOWELLS JCT.....					
70.0	1.2	HOWELLS.....					
74.7	4.7	OTISVILLE.....*		4.45			
79.7	5.0	GRAHAM.....		5.00			
87.3	7.6	PORT JERVIS.....A. L. N		5.12			
89.8	2.5	SPARROWBUSH.....		5.19			
				5.24			
			P.M.	P.M.		P.M.	P.M.

No. 27 stop  
Chester Friday and Saturday.  
Stop Southfields Monday to Friday, incl.  
Stop Otisville Mon. to Sat., incl.

Jersey City to Port Jervis

WESTWARD — FIRST CLASS — TRAINS (Read Down)

	115	159	235	63	117			313
	Daily	Daily Except Saturday Sunday & Holiday	Saturday Only	Daily Except Sunday and Holiday	Daily Except Saturday and Sunday			Daily Except Saturday Sunday & Holiday
	P.M.	P.M.	P.M.	P.M.	P.M.			P.M.
	N.B. 3.10	3.50	3.50	4.00	4.00			4.20
	3.26	4.05	4.05	4.14	4.17			4.40
	3.31	4.10	4.10	4.19	4.22			4.45
	s 3.40		s 4.20		s 4.31			Newark Branch)
	3.42	4.19	4.22	4.28	4.33			
	s 3.44		s 4.24		s 4.35			
	s 3.46		s 4.26		s 4.37			
	s 3.50	s 4.25	s 4.30	(B.C.R.R.)	s 4.41			
	s 3.53	s 4.28	s 4.33		s 4.44			
	s 3.56		s 4.36		s 4.47			
	3.58	4.32	4.39		4.49			5.25
	s 4.00	s 4.36	s 4.42		s 4.51			s 5.27
	s 4.02		s 4.44		s 4.53			
	s 4.05		s 4.46		s 4.56			
	s 4.08	s 4.42	s 4.49		s 4.59			
	4.10	4.44	4.51	4.39	5.01			
	s 4.12	s 4.47	s 4.54	s 4.40	s 5.03			
	s 4.15	s 4.50	s 4.57		s 5.06			
	s 4.17	s 4.53	s 5.00	4.45	s 5.09			
		s 4.56						
		s 5.00						
		s 5.05						
		s 5.08		s 4.53				
				s 4.59				
				s 5.04				
				s 5.11				
				s 5.15				
				5.18				
				s 5.20				
				s 5.25				
				s 5.34				
				s 5.42				
				s 5.47				
				s 5.55				
				s 6.04				
				s 6.11				
				6.18				
				6.30				
	P.M.	P.M.	P.M.	P.M.	P.M.			P.M.

No. 63 will not carry baggage or express west of Suffern.

Jersey City to Port Jervis

WESTWARD — FIRST CLASS — TRAINS (Read Down)

Distance from Jersey City	Distance between Stations	No. 44 STATIONS	161	163	315	119
			Daily Except Sunday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday
			P.M.	P.M.	P.M.	P.M.
.. ..	NEW YORK Chambers St. (Ferry) L.		4.40	N.B. 4.50	N.B. 4.50	N.B. 5.00
2.2 2.2	JERSEY CITY..... L. N CROXTON..... N		4.56 5.01	5.03 5.08	5.04 5.09	5.15 5.20
8.5 6.3	RUTHERFORD..... S		5.10		(Newark Branch.)	5.30
9.0 0.5	RUTHERFORD JCT. N		5.12	5.18		5.32
9.7 0.7	CARLTON HILL..... S		5.14			
10.3 0.6	PASSAIC PARK..... S		5.16			
11.0 0.7	PROSPECT ST.....					
11.5 0.5	PASSAIC..... S		5.20	(B.C.R.R.)		5.37
11.9 0.4	HARRISON ST.....					
12.4 0.5	CLIFTON..... S		5.23			5.40
13.8 1.4	LAKE VIEW..... S		5.26			
15.0 1.2	XW TOWER..... N		5.29			5.44
15.7 0.7	PATERSON..... S		5.31		5.49	5.46
16.7 1.0	RIVER ST..... S		5.33		5.51	5.49
17.8 1.1	HAWTHORNE..... S		5.35		5.54	5.52
19.5 1.7	GLEN ROCK..... S		5.39		5.58	H
20.3 0.8	RIDGEWOOD JCT. N		5.41	5.34	6.00	5.56
21.0 0.7	RIDGEWOOD..... S		5.43	5.37	6.02	Track 3 H H H H H H H H
22.2 1.2	HOBOKUS..... S		5.46	5.41	6.05	
23.3 1.1	WALDWICK..... N		5.49	5.44	6.08	
24.7 1.4	ALLENDALE..... S		5.53	5.47		
26.6 1.9	RAMSEY..... S		5.58	5.51		
29.2 2.6	MAHWAH..... S		6.02	5.55		
30.6 1.4	SUFFERN..... N		6.05	5.58		
31.6 1.0	HILLBURN.....					
32.8 1.2	RAMAPO.....					
34.6 1.8	SLOATSBURG.....					
37.2 2.6	TUXEDO.....					
41.0 3.8	SOUTHFIELDS.....					
43.4 2.4	ARDEN.....					
45.0 1.6	NEWBURGH JCT. N					
46.0 1.0	HARRIMAN.....					
48.5 2.5	MONROE.....					
51.3 2.8	OXFORD.....					
53.5 2.2	GREYCOURT.....					
54.3 0.8	CHESTER.....					
58.8 4.5	GOSHEN..... N					
62.7 3.9	NEW HAMPTON.....					
66.1 3.4	MIDDLETOWN..... N					
68.8 2.7	HOWELLS JCT.....					
70.0 1.2	HOWELLS.....					
74.7 4.7	OTISVILLE.....					
79.7 5.0	GRAHAM.....					
87.3 7.6	PORT JERVIS..... A. L. N					
89.8 2.5	SPARROWBUSH.....					
			P.M.	P.M.	P.M.	P.M.

Will operate  
Oct. 13, Nov. 4,  
Feb. 12.

Jersey City to Port Jervis

WESTWARD - FIRST CLASS - TRAINS (Read Down)

751	165	123	317	207	125	67	127
Sunday Only	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Saturday and Holiday Only	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday
P.M.	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.
N.B.	N.B.	N.B.	N.B.	N.B.	N.B.	N.B.	N.B.
5.05	5.08	5.08	5.15	5.10	5.20	5.28	5.28
5.20	5.22	5.25	5.27	5.30	5.33	5.40	5.44
5.25	5.27	5.30	5.32	5.35	5.38	5.45	5.49
§ 5.34		§ 5.40		§ 5.44	§ 5.48		
§ 5.36	5.37	5.42	(Newark Branch.)	§ 5.46	§ 5.50	5.55	5.58
§ 5.38				§ 5.48	§ 5.52		§ 5.59
§ 5.40				§ 5.50	§ 5.55		§ 6.01
§ 5.44				§ 5.54	§ 5.59		§ 6.05
§ 5.47	(B.C.R.R.)			§ 5.57	§ 6.03		§ 6.08
§ 5.50		(B.C.R.R.)		§ 5.59	§ 6.07		§ 6.11
5.53			6.08	6.01	6.10		6.13
						(B.C.R.R.) Stop Arden, discharge passengers.	
§ 5.56			§ 6.10	§ 6.03	§ 6.12		§ 6.15
§ 5.59				§ 6.05			§ 6.17
§ 6.01				§ 6.07			§ 6.20
§ 6.05				§ 6.10			§ 6.24
6.07	5.51	6.02		6.12		6.08	6.26
§ 6.09	§ 5.54			§ 6.14			§ 6.28
§ 6.12	§ 5.57	Track 3		§ 6.17		§ 6.11	§ 6.31
§ 6.15	§ 6.01	6.07		§ 6.20		6.14	§ 6.34
§ 6.19	§ 6.06			§ 6.23			
§ 6.23	§ 6.11			§ 6.26			
§ 6.28	§ 6.16			§ 6.30		§ 6.24	
§ 6.31	§ 6.20			§ 6.33		§ 6.28	
				§ 6.35		§ 6.31	
				§ 6.40		§ 6.37	
				§ 6.45		§ 6.42	
				§ 6.52		§ 6.49	
				6.59		6.55	
				§ 7.01		§ 6.57	
				§ 7.05		§ 7.01	
				§ 7.14		§ 7.11	
				§ 7.23		§ 7.19	
				§ 7.33		§ 7.30	
				§ 7.40		§ 7.38	
				§ 7.47		§ 7.46	
				7.54		7.54	
				8.05		8.05	
P.M.	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.

Will operate Oct. 13, Nov. 4, Feb. 12.

Will operate Oct. 13, Nov. 4, Feb. 12.

No. 207 stop Arden, discharge passengers.

## Jersey City to Port Jervis

WESTWARD — FIRST CLASS — TRAINS (Read Down)

Distance from Jersey City	Distance between Stations	No. 44 STATIONS	129	319	133	135	167
			Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday
			P.M.	P.M.	P.M.	P.M.	P.M.
		NEW YORK	N.B.	N.B.	N.B.	N.B.	N.B.
..	..	Chambers St. (Ferry)....L	5.28	5.28	5.28	5.48	5.48
..	..	JERSEY CITY.....L N	5.45	5.45	5.48	6.02	6.07
2.2	2.2	CROXTON.....N	5.50	5.50	5.53	6.07	6.12
8.5	6.3	RUTHERFORD.....			§ 6.03	§ 6.16	
9.0	0.5	RUTHERFORD JCT. N	6.01	(Newark Branch.)	6.05	6.18	6.21
9.7	0.7	CARLTON HILL.....				§ 6.20	
10.3	0.6	PASSAIC PARK.....				§ 6.22	
11.0	0.7	PROSPECT ST.....					
11.5	0.5	PASSAIC.....				§ 6.26	
11.9	0.4	HARRISON ST.....					
12.4	0.5	CLIFTON.....				§ 6.29	
13.8	1.4	LAKE VIEW.....				§ 6.32	
15.0	1.2	XW TOWER.....N	(B.C.R.R.)	6.28	(B.C.R.R.)	6.35	(B.C.R.R.)
15.7	0.7	PATERSON.....		§ 6.30		§ 6.38	
16.7	1.0	RIVER ST.....		§ 6.32			
17.8	1.1	HAWTHORNE.....		§ 6.35			
19.5	1.7	GLEN ROCK.....		§ 6.38			
20.3	0.8	RIDGEWOOD JCT....N	6.15	6.40	6.25		6.37
21.0	0.7	RIDGEWOOD.....	§ 6.18	§ 6.43			§ 6.40
22.2	1.2	HOHOKUS.....		§ 6.46			§ 6.43
23.3	1.1	WALDWICK.....N	§ 6.25	§ 6.49	Track 3 6.30		§ 6.46
24.7	1.4	ALLENSDALE.....	§ 6.29				§ 6.51
26.6	1.9	RAMSEY.....	§ 6.34				§ 6.56
29.2	2.6	MAHWAH.....					§ 7.00
30.6	1.4	SUFFERN.....N					§ 7.03
31.6	1.0	HILLBURN.....					
32.8	1.2	RAMAPO.....					
34.6	1.8	SLOATSBURG.....					
37.2	2.6	TUXEDO.....					
41.0	3.8	SOUTHFIELDS.....					
43.4	2.4	ARDEN.....					
45.0	1.6	NEWBURGH JCT....N					
46.0	1.0	HARRIMAN.....					
48.5	2.5	MONROE.....					
51.3	2.8	OXFORD.....					
53.5	2.2	GREYCOURT.....					
54.3	0.8	CHESTER.....					
58.8	4.5	GOSHEN.....N					
62.7	3.9	NEW HAMPTON.....					
66.1	3.4	MIDDLETOWN.....N					
68.8	2.7	HOWELLS JCT.....					
70.0	1.2	HOWELLS.....					
74.7	4.7	OTISVILLE.....					
79.7	5.0	GRAHAM.....					
87.3	7.6	PORT JERVIS.....A. L. N					
89.8	2.5	SPARROWBUSH.....					
			P.M.	P.M.	P.M.	P.M.	P.M.

Will operate  
Oct. 13, Nov. 4,  
and Feb. 12.

Jersey City to Port Jervis

WESTWARD — FIRST CLASS — TRAINS (Read Down)

137	321	139	71	271		239	141	143
Daily Except Sunday and Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Sunday and Holiday	Sunday and Holiday Only		Saturday Only	Daily Except Saturday Sunday & Holiday	Daily
P.M.	P.M.	P.M.	P.M.	P.M.		P.M.	P.M.	P.M.
N.B.	N.B.			N.B.				N.B.
6.00	6.10	6.20	6.20	6.25		6.26	7.00	7.30
6.18	6.22	6.35	6.33	6.45		6.45	7.15	7.45
6.18	6.27	6.40	6.43	6.50		6.50	7.20	7.50
6.27	(Newark Branch.)	6.49		6.59		6.59	7.29	7.59
6.29		6.51	6.53	7.01		7.01	7.31	8.00
6.31		6.53		7.03		7.03	7.33	8.02
6.33		6.55		7.05		7.05	7.35	8.04
6.37		6.59	(B.C.R.R.)	7.09		7.09	7.39	8.08
6.40		7.02		7.12		7.12	7.42	8.11
6.43		7.05		7.15		7.15	7.45	8.13
6.45	7.02	7.07		7.17		7.17	7.47	8.15
6.47	7.05	7.09		7.19		7.20	7.49	8.17
6.49				7.22		7.23	7.51	8.19
6.52		7.12		7.22		7.26	7.54	8.21
		7.15		7.25		7.29	7.57	8.25
6.56		7.17	7.12	7.27		7.31	7.59	8.27
6.58		7.19	7.14	7.29		7.33	8.01	8.29
		7.22		7.32		7.36	8.04	8.31
7.02		7.25	7.19	7.35		7.39	8.06	8.34
			7.22	7.38				8.37
			7.25	7.41				8.40
			7.30	7.46				8.43
			7.33	7.49				8.46
			7.38	7.54				
			7.43	7.59				
			* 7.53	* 8.09				
			7.55	8.11				
			8.00	8.16				
			8.09	8.26				
			8.17	8.35				
			8.27	8.49				
Saturdays stop Glen Rock and Hohokus.	Will operate Oct. 13, Nov. 4, Feb. 12.	No. 71 stop Southfields and Arden, discharge passengers. Take connection from No. 137 at Ridgewood. Will not carry baggage west of Suffern.			Stop Southfields and Arden, discharge passengers.			
P.M.	P.M.	P.M.	P.M.	P.M.		P.M.	P.M.	P.M.

Jersey City to Port Jervis

WESTWARD — FIRST CLASS — TRAINS (Read Down)

Distance from Jersey City	Distance between Stations	No. 44 STATIONS	171	5		707	145
			Daily Except Saturday Sunday & Holiday	Daily		Sunday Only	Daily Except Sunday
			P.M.	P.M.		P.M.	P.M.
..	..	NEW YORK Chambers St. (Ferry) L.	N.B. 8.00	8.15		N.B. 8.39	8.40
2.2	2.2	JERSEY CITY ..... L. N CROXTON..... N	8.15 8.20	8.30 8.35		8.55 9.00	8.55 9.00
8.5	6.3	RUTHERFORD..... S	8.29			9.09	9.09
9.0	0.5	RUTHERFORD JCT. N	8.31	8.44		9.11	9.11
9.7	0.7	CARLTON HILL..... S	8.33			9.13	9.13
10.3	0.6	PASSAIC PARK..... S	8.35			9.15	9.15
11.0	0.7	PROSPECT ST.....					
11.5	0.5	PASSAIC..... S	8.39	* 8.49		9.19	9.19
11.9	0.4	HARRISON ST.....					
12.4	0.5	CLIFTON..... S	8.42			9.22	9.22
13.8	1.4	LAKE VIEW..... S	8.45			9.25	9.25
15.0	1.2	XW TOWER..... N	8.47	8.54		9.27	9.28
15.7	0.7	PATERSON..... S	8.49	8.57		9.29	9.30
16.7	1.0	RIVER ST..... *					
17.8	1.1	HAWTHORNE..... S	8.52			9.32	9.34
19.5	1.7	GLEN ROCK..... S	8.55			9.35	9.37
20.3	0.8	RIDGEWOOD JCT. N	8.57	9.04		9.37	9.39
21.0	0.7	RIDGEWOOD..... S	8.59	9.06		9.39	9.41
22.2	1.2	HOHOKUS..... S	9.02			*	9.43
23.3	1.1	WALDWICK..... N	9.04	9.10		9.43	9.45
24.7	1.4	ALLENDALE.....				9.46	9.48
26.6	1.9	RAMSEY.....				9.49	9.52
29.2	2.6	MAHWAH.....					9.57
30.6	1.4	SUFFERN..... N		9.18		9.54	10.00
31.6	1.0	HILLBURN.....					
32.8	1.2	RAMAPO.....					
34.6	1.8	SLOATSBURG.....				9.59	
37.2	2.6	TUXEDO.....		9.25			
41.0	3.8	SOUTHFIELDS.....					
43.4	2.4	ARDEN.....					
45.0	1.6	NEWBURGH JCT. N		9.33		10.12	
46.0	1.0	HARRIMAN.....				10.14	
48.5	2.5	MONROE.....				10.18	
51.3	2.8	OXFORD.....					
53.5	2.2	GREYCOURT.....		9.42			
54.3	0.8	CHESTER.....				10.26	
58.8	4.5	GOSHEN..... N		* 9.48		10.33	
62.7	3.9	NEW HAMPTON.....					
66.1	3.4	MIDDLETOWN..... N		* 9.59		10.44	
68.8	2.7	HOWELLS JCT.....					
70.0	1.2	HOWELLS.....					
74.7	4.7	OTISVILLE.....				10.56	
79.7	5.0	GRAHAM.....		10.17		11.03	
87.3	7.6	PORT JERVIS..... A. L. N		10.28		11.15	
89.8	2.5	SPARROWBUSH.....		10.36			
				10.41			
			P.M.	P.M.		P.M.	P.M.

No. 171 stop River St. to discharge passengers.

No. 5 stop Goshen and Middletown to discharge or take on passengers. Stop Passaic to receive passengers for Hornell west.

No. 707 stop Hohokus to discharge passengers.





## BERGEN COUNTY RAILROAD —

Distance from Ridgewood Jct.	Distance between Stations	No. 44 STATIONS	154	50	112	156
			Daily Except Sunday and Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Sunday and Holiday
			A.M.	A.M.	A.M.	A.M.
9.9	2.4	RUTHERFORD JCT. N	7.05	7.43	7.52	7.58
7.5	1.4	GARFIELD	7.00		7.47	*
6.1	1.1	PLAUDERVILLE	6.57		7.44	*
5.0	1.5	COALBERG JCT.	6.55	7.36	7.42	7.52
3.5	1.2	BROADWAY—FAIR LAWN	6.53		7.40	7.50
2.3	1.7	RADBURN—FAIR LAWN	6.50	7.31	7.37	7.47
0.6	0.6	GLEN ROCK	6.47	7.28	7.34	7.44
..	..	RIDGEWOOD JCT. N	6.45	7.26	7.32	7.42
			A.M.	A.M.	A.M.	A.M.

## BERGEN COUNTY RAILROAD —

Distance from Rutherford Jct.	Distance between Stations	No. 44 STATIONS	7	233	257	63	163
			Daily	Saturday Only	Saturday Only	Daily Except Sunday and Holiday	Daily Except Saturday Sunday & Holiday
			A.M.	P.M.	P.M.	P.M.	P.M.
..	..	RUTHERFORD JCT. N	12.55	1.15	3.06	4.28	5.18
2.4	2.4	GARFIELD		1.18	3.09		
3.8	1.4	PLAUDERVILLE			3.12		
4.9	1.1	COALBERG JCT.	1.01	1.22	3.14	4.33	5.24
6.4	1.5	BROADWAY—FAIR LAWN		1.24	3.16		5.26
7.6	1.2	RADBURN—FAIR LAWN		1.26	3.18		5.29
9.3	1.7	GLEN ROCK		1.29	3.21	*	5.32
9.9	0.6	RIDGEWOOD JCT. N	1.07	1.31	3.23	4.39	5.34
			A.M.	P.M.	P.M.	P.M.	P.M.

No. 156 Saturdays stop Garfield, 7.56 A.M. Will operate Oct. 13, Nov. 4, Feb. 12, stop Plauderville and Garfield.

No. 184 operates Oct. 13, Nov. 4, Feb. 12.

No. 63 Saturday stop Glen Rock to discharge passengers.

No. 123 operates Oct. 13, Nov. 4, Feb. 12.

When switching over Central Ave. crossing west of Rutherford Jct. on main or side tracks, member of crew must be stationed on crossing before switching movements are made to protect highway traffic.

To avoid eastbound freight trains on B.C.R.R. blocking highway crossings, there is a "Light" indicator located 600 feet west of Plank Road crossing west of Rutherford Jct. When yellow light is displayed it will indicate to enginemen of freight trains—Proceed to Rutherford Jct., being governed by interlocking signals at that point. Eastbound freight trains finding automatic signal 10-2-B at Approach, will stop west of Plank Road and communicate with BJ Tower by telephone, unless indicator displays "Yellow."

## EASTWARD — FIRST CLASS — TRAINS (Read Up)

120	52	54	160	184	56	8	80
Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Holiday Oct. 13, Nov. 4, Feb. 12, 23, Only	Daily Except Saturday Sunday & Holiday	Daily Except Sunday and Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Sunday	Sunday Only
A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	P.M.	P.M.
8.02	8.06	8.13 s 8.08	8.13	8.36 s 8.32 s 8.29	8.56	10.08	10.38
7.56	8.01 s 7.58	8.05 s 8.02 s 7.59 s 7.56	8.07	8.27 s 8.24 s 8.21 s 8.18	8.50	10.02	10.32
7.51	7.54	7.54	8.00	8.16	8.45	9.56	10.26
A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	P.M.	P.M.

## WESTWARD — FIRST CLASS — TRAINS (Read Down)

165	123	67	129	133	167	71
Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Sunday and Holiday
P.M.	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.
5.37	5.42 s 5.46 s 5.49	5.55	6.01	6.05 s 6.08 s 6.11	6.21	6.53 s 6.56 s 6.59
5.42	5.51 s 5.53 s 5.57	6.02	6.07	6.13 s 6.16 s 6.20	6.27	7.01 s 7.04 s 7.07
5.48 5.51	s 6.00 6.02	6.08	6.15	6.25	6.37	s 7.10 7.12
P.M.	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.

Switch leading from westbound B.C.R.R. main track to N.Y. S. & W. connection at Coalberg Jct. is equipped with automatic spring type switch. Trains operating from connection to B.C.R.R. must complete movement through switch before making reverse movement. Trains operating against current of traffic on westward track finding color light *distant switch signal* located between main tracks 7000 feet west of spring switch at Coalberg Jct. indicating green or clear will proceed; if distant switch signal indicates yellow or approach, trains will approach color light *switch signal* located between main tracks at spring switch prepared to stop. Trains operating against current of traffic on westward track finding color light switch signal located at the spring switch in green or clear position, will proceed over spring switch in accordance with special instructions; if switch signal is red or stop, trains must stop and examine switch points, use hand-throw to correct alignment of switch if necessary and proceed only when switch is properly secured, reporting any improper condition immediately to Superintendent.

Engines heavier than SE-10-A are restricted from operating in tracks of Hammersley Mfg. Co., Garfield, west of trestle account curvature.

Engines heavier than SE-10-A are restricted from operating over trestle in Kramer Coal Co. siding, Garfield.

## BERGEN COUNTY RAILROAD —

Distance from Ridgewood Jct.	Distance between Stations	No. 44 STATIONS			
9.9	2.4	RUTHERFORD JCT. N			
7.5	1.4	GARFIELD.....			
6.1	1.1	PLAUDERVILLE.....			
5.0	1.5	COALBERG JCT.....			
3.5	1.2	BROADWAY—FAIR LAWN.....			
2.3	1.7	RADBURN—FAIR LAWN.....			
0.6	0.6	GLEN ROCK.....			
..	..	RIDGEWOOD JCT. N			

## BERGEN COUNTY RAILROAD —

Distance from Rutherford Jct.	Distance between Stations	No. 44 STATIONS			
..	..	RUTHERFORD JCT. N			
2.4	2.4	GARFIELD.....			
3.8	1.4	PLAUDERVILLE.....			
4.9	1.1	COALBERG JCT.....			
6.4	1.5	BROADWAY—FAIR LAWN.....			
7.6	1.2	RADBURN—FAIR LAWN.....			
9.3	1.7	GLEN ROCK.....			
9.9	0.6	RIDGEWOOD JCT. N			

Engines are restricted from operating in Grenard Mfg. Corp. and Bellet Coal Co. sidings, Garfield.

Engines heavier than class SE-10-A are restricted from operating over Dundee Spur, including Passaic River Bridge.

Engines heavier than class SE-10-A are restricted from operating west of Dundee Island.

Over Bridges and Trestles, Dundee Spur, 5 miles per hour.

Trains or engines will stop and member of crew protect highway traffic over Midland Ave. Crossing N. Y. S. W. R. R. interchange Passaic Junction.

Telephones connecting with Train Dispatchers circuit:

Wrights siding Saddle River  
Crossover east of Garfield  
Garfield at crossover west of  
Monroe St.

Signal 14-1-B Coalberg Jct.  
General Motors siding west of  
Broadway-Fairlawn  
Radburn-Fairlawn at crossover  
Broadway-Fairlawn at crossover



## EASTWARD — FIRST CLASS — TRAINS (Read Up)

Distance from XW Tower	Distance between Stations	No. 44 STATIONS	302	304	306	308
			Daily Except Saturday Sunday & Ho <sup>l</sup> day	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday
			A.M.	A.M.	A.M.	A.M.
18.9	2.2	JERSEY CITY.....A.	N.B. 7.25	N.B. 8.03	N.B. 8.30	9.02
16.7	2.2	CROXTON.....N	7.20	7.58	8.25	8.57
14.5	2.9	N. Y. & G. L. JCT.....N	7.16	7.54	8.21	8.52
11.6	0.3	HARRISON.....	s 7.12	s 7.50	s 8.17	s 8.48
11.3	0.6	KEARNY.....	f 7.10	s 7.48	s 8.15	s 8.46
10.7	0.6	NEWARK.....D (End of Single Track)	s 7.08	s 7.46	s 8.13	s 8.44
9.9	0.5	RIVERSIDE.....	s 7.06	s 7.43		s 8.42
9.4	0.6	WOODSIDE.....		s 7.41		f 8.40
8.8	0.3	CLEVELAND ST.....	s 7.03	s 7.39		s 8.35
8.0	1.3	BELLEVILLE.....D	s 7.01	s 7.37	s 8.08	s 8.36
6.7	0.6	WALNUT ST.....	s 6.58	s 7.34	s 8.05	s 8.32
6.1	0.5	NUTLEY.....	s 6.56	s 7.31	s 8.02	s 8.30
5.6	1.4	FRANKLIN AVE.....D	s 6.54	s 7.29	s 8.00	s 8.28
4.2	1.4	ALLWOOD.....	s 6.51	s 7.26	s 7.57	s 8.25
2.8	2.4	ATHENIA.....D	s 6.48	s 7.23	s 7.54	s 8.22
0.4	0.4	SOUTH PATERSON.....	s 6.43	s 7.19	s 7.49	s 8.17
..	..	XW TOWER.....N (End of Single Track)	6.42	7.18	7.48	8.16
			A.M.	A.M.	A.M.	A.M.

## WESTWARD — FIRST CLASS — TRAINS (Read Down)

Distance from Jersey City	Distance between Stations	No. 44 STATIONS	313	315	317	319	321
			Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday
			P.M.	P.M.	P.M.	P.M.	P.M.
..	..	JERSEY CITY.....L.	4.40	N.B. 5.04	N.B. 5.27	N.B. 5.45	N.B. 6.22
2.2	2.2	CROXTON.....N	4.45	5.09	5.32	5.50	6.27
4.4	2.2	N. Y. & G. L. JCT.....N	4.48	5.13	5.36	5.54	6.30
7.3	2.9	HARRISON.....	s 4.52	s 5.16	s 5.39	s 5.58	s 6.34
7.6	0.3	KEARNY.....	f 4.54	s 5.18	f 5.40	s 5.59	s 6.35
8.2	0.6	NEWARK.....D (End of Single Track)	s 4.57	s 5.20	s 5.42	s 6.02	s 6.37
9.0	0.6	RIVERSIDE.....	f 4.59			* 6.04	s 6.39
9.5	0.5	WOODSIDE.....	s 5.01	s 5.23		* 6.06	s 6.41
10.1	0.6	CLEVELAND ST.....	s 5.03	s 5.25	s 5.46	s 6.08	s 6.43
10.9	0.8	BELLEVILLE.....D	s 5.05	s 5.27	s 5.48	s 6.10	s 6.45
12.2	1.3	WALNUT ST.....	s 5.08	s 5.30	s 5.51	s 6.12	s 6.47
12.8	0.6	NUTLEY.....	s 5.10	s 5.33	s 5.53	s 6.14	s 6.49
13.3	0.5	FRANKLIN AVE.....D	s 5.13	s 5.35	s 5.55	s 6.16	s 6.51
14.7	1.4	ALLWOOD.....	f 5.16	s 5.39	s 5.59	s 6.19	s 6.54
16.1	1.4	ATHENIA.....D	s 5.19	s 5.42	s 6.03	s 6.22	s 6.57
18.5	2.4	SOUTH PATERSON.....	s 5.24	s 5.46	s 6.07	s 6.26	s 7.01
18.9	0.4	XW TOWER.....N (End of Single Track)	5.25	5.47	6.08	6.28	7.02
			P.M.	P.M.	P.M.	P.M.	P.M.

No. 319 stop Riverside and Woodside, discharge passengers.

No. 304 and 308 will operate Oct. 13, Nov. 4, Feb. 12.

No. 317 and 321 will operate Oct. 13, Nov. 4, Feb. 12.



EASTWARD Read Up		SECOND CLASS		WESTWARD Read Down			
Distance from Newburgh	376	No. 44 STATIONS	375	Miles per Hour	25 20		
	Saturday and Sunday Only		Saturday and Sunday Only				
	P.M.		P.M.				
18.8	10.00	GREYCOURT .....	11.00	Speed restrictions: All trains ..... Wrecking derrick and trains hauling eight- wheel swivel truck cranes, steam shovels and other similar pivoted machinery. ....			
13.8		BLOOMING GROVE .....					
12.1		WASHINGTONVILLE .....					
9.4		SALISBURY MILLS .....					
5.0		VAILS GATE JCT. ....					
3.1		NEW WINDSOR .....					
1.8		WEST NEWBURGH .....					
..	8.00	NEWBURGH .....	12.45				
	P.M.		A.M.				

Eastbound trains are superior to westbound trains of same class. Greycourt—Normal position of east leg of Wye will be for Wye Track. Engines must not be operated on trestle, Coal Dock, Newburgh. Trains will stop and flag over Washington St. crossing, Newburgh. Trains and Engines will come to full stop, not less than 75 feet or more than 125 feet from, and not exceed 5 miles per hour over following crossings:

- Temple Hill, west of Vails Gate Jct.
  - Blooming Grove Turnpike, east of Salisbury Mills;
  - Monroe Road, first crossing east of Washingtonville;
  - Chester Road, second crossing east of Washingtonville. No movements of cars will be made except when attached to engine.
- Trains and engines will come to full stop not less than fifty (50) feet from State Road Crossing 2500 feet east of Vails Gate Jct. on Spur between Vails Gate Jct. and West Cornwall, send two members of crew ahead, flag traffic in both directions from both sides of track until entire movement is completed over crossing.
- Telephones connecting with Train Dispatchers circuit:
- Vails Gate Jct. station
  - Newburgh freight station (east end)
  - West Newburgh engine yard
  - Washingtonville (west end of station)

Graham Line

EASTWARD Read Up		WESTWARD Read Down	
Distance from Graham	Distance between Stations	No. 44 STATIONS	
		42.3	2.8
39.5	0.8	CENTRAL VALLEY .....	
38.7	6.1	HIGHLAND MILLS .....	
32.6	10.9	MOODNA VIADUCT .....	
21.7	10.7	MQ CROSSING .....	N
11.0	11.0	HOWELLS JCT. ....	
..	..	GRAHAM .....	



EASTWARD Read Up		WESTWARD Read Down	
<b>No. 44</b>			
<b>STATIONS</b>			
Distance from Pine Bush			Miles per Hour
13.4	MIDDLETOWN.....N		
9.9	MIDDLETOWN MAIN ST.....		
8.2	CRAWFORD JCT.....		
5.8	CIRCLEVILLE.....		
3.4	BULLVILLE.....		
	THOMPSON RIDGE.....		
	PINE BUSH.....		
<p>Trains and engines stop at Stop Signs located fifty (50) feet either side of Goshen-Fair Oaks Highway, 1/2 mile west of Crawford Jct., and member of train crew operate illuminating stop signs on highway by inserting switch key in controller box located on back of stop light pole, turn key to right or left to display "stop", then withdraw key and proceed over crossing with entire train. Insert key in controller box on opposite side of crossing, turn key to right or left to extinguish lights. In each case key must be withdrawn without turning key second time.</p>		<p>Westbound trains are superior to eastbound trains of same class.</p> <p>Speed restrictions:</p> <p>All trains..... 25</p> <p>Wrecking derrick..... 10</p> <p>Trains hauling eight-wheel swivel truck cranes, steam shovels and other similar pivoted machinery..... 20</p> <p>Hand operated derrick located on main track east end of Pine Bush station.</p> <p>Trains over State Road Crossing, 150 feet east Pine Bush Station..... 5</p> <p>Trains over Crossing west of Bullville..... 5</p> <p>Trains over Crossing one mile east of Bullville..... 10</p> <p>Engines restricted on Sheffield Farms siding, Bullville.</p>	

EASTWARD Read Up		Pine Island Branch		WESTWARD Read Down	
<b>No. 44</b>					
<b>STATIONS</b>					
Distance from Goshen			Miles per Hour		
3.9	GOSHEN.....N				
5.8	ORANGE FARM.....				
7.1	FLORIDA.....				
8.4	L. & N. E. SIDING.....				
11.4	BIG ISLAND.....				
11.9	PINE ISLAND JCT.....				
	PINE ISLAND.....				
<p>Main track between Pine Island Junction and Pine Island will be under yard limit rules and blocked with cars.</p> <p>L. &amp; N. E. Siding between Florida and Big Island, Capacity 52 Cars.</p>		<p>Eastbound trains are superior to westbound trains of same class.</p> <p>Speed restrictions:</p> <p>All trains..... 35</p> <p>East end Curve 5 M.P. 61.80 east of Orange Farm to east end Curve 9 M.P. 64.40 Florida..... 25</p> <p>East end Curve 9 M.P. 64.40 Florida to east end Curve 11 M.P. 67.60 west of Big Island..... 20</p> <p>East end Curve 11 M.P. 67.60 west of Big Island to Pine Island Jct..... 30</p> <p>Through turnout to L. &amp; N. E. R. R. at Pine Island Jct..... 15</p> <p>Wrecking derrick..... 10</p> <p>Trains hauling eight-wheel swivel truck cranes, steam shovels and other similar pivoted machinery..... 20</p> <p>Pine Island Jct. junction of Pine Island Branch and L. &amp; N. E. R. R.—Normal position switch L. &amp; N. E. R. R.</p>			

EASTWARD Read Up		Montgomery Branch		WESTWARD Read Down	
<b>No. 44</b>					
<b>STATIONS</b>					
Distance from Goshen			Miles per Hour		
10.2	MONTGOMERY.....				
8.6	NEELEY TOWN.....				
5.4	O. & W. CROSSING.....				
5.1	CAMPBELL HALL.....				
4.7	MQ CROSSING.....N				
	GOSHEN.....N				
<p>Eastbound trains are superior to westbound trains of same class.</p> <p>Speed restrictions:</p> <p>All trains Goshen to O. &amp; W. Crossing..... 35</p> <p>O. &amp; W. Crossing to Montgomery..... 25</p> <p>Through switches at Goshen..... 15</p> <p>Curve Goshen station..... 10</p> <p>Curve east of Goshen..... 10</p> <p>Church Street Crossing, Goshen, eastward..... 5</p> <p>M.P. 1.50 to M.P. 3.50 east and west of Kippis Wrecking Derrick and trains hauling eight-wheel swivel truck cranes, steam shovels and other similar pivoted machinery..... 25</p> <p>O. &amp; W. Crossing..... 15</p> <p>Montgomery Branch to N.Y. N.H. &amp; H.R.R..... 10</p> <p>Trains from Montgomery Branch procure permission by telephone at O. &amp; W. Crossing from operator MQ Crossing before proceeding.</p> <p>Trains from N.Y. N.H. &amp; H.R.R. procure permission from operator MQ Crossing before proceeding from Maybrook.</p> <p>O. &amp; W. Crossing junction Montgomery Branch and N.Y. N.H. &amp; H.R.R.—Normal position of switch N.Y. N.H. &amp; H.R.R.</p>					









## EASTWARD — FIRST CLASS — TRAINS (Read Up)

Distance from Wanaque-Midvale	Distance between Stations	No. 44 STATIONS	534	556	538
			Daily Except Sunday	Sunday and Holiday Only	Daily Except Saturday Sunday & Holiday
			P.M.	P.M.	P.M.
		NEW YORK Chambers St. (Fy.)...A.	9.39	11.24	11.54
31.3	2.2	JERSEY CITY.....A. N	9.27	11.04	11.34
29.1	2.2	CROXTON.....N	9.22	10.59	11.29
26.9	2.4	N. Y. & G. L. JCT.....N	9.18	10.54	11.25
24.5	0.7	ARLINGTON.....	9.13	10.50	11.21
23.8	0.4	WEST ARLINGTON..N			
23.4	0.6	NORTH NEWARK.....	9.09	10.46	11.18
22.8	0.9	FOREST HILL.....			
21.9	0.4	BELWOOD PARK.....			
21.5	0.4	ORCHARD ST.....D	9.06	10.41	
21.1	0.7	WALNUT ST., (Bloomfield)..	9.04	10.39	
20.4	1.0	GLEN RIDGE.....	9.02	10.37	11.14
19.4	0.9	MONTCLAIR.....D	9.00	10.35	11.12
18.5	0.9	WATCHUNG AVE.....	8.57	10.32	11.10
17.6	0.5	UPPER MONTCLAIRD	8.55	10.30	11.08
17.1	0.6	MOUNTAIN AVE.....		*	
16.5	1.7	MONTCLAIR HGTS. D		10.27	11.06
14.8	2.1	GREAT NOTCH.....D	8.51	10.24	11.08
12.7	0.6	LITTLE FALLS.....D		10.20	
12.1	2.3	SINGAC.....			
9.8	0.9	MOUNTAIN VIEW..... D.L. & W.R.R. Crossing	8.44	10.16	
8.9	1.5	WAYNE.....D		10.13	
7.4	1.6	PEQUANNOCK.....		10.11	
5.8	2.1	POMPTON PLAINS D	8.39	10.09	
3.7	0.4	POMPTON.....		10.06	
3.3	1.8	POMPTON JCT..... N.Y.S. & W.R.R. Crossing			
1.5	1.5	HASKELL.....	8.33	10.03	
..	..	WANAQUE-MIDVALED	8.30	10.00	
..	..				
			P.M.	P.M.	P.M.

No. 556 stop Mountain Ave., to discharge passengers.

Remote Control Switches (see General Instructions, page 4) are located at Forest Hill and controlled from "WR" Tower, West Arlington, as follows:

Main track crossover

Orange Branch connection to eastward main track

Crossover from Orange Branch to South Canal Siding

Westbound manual block signals on Orange Branch and Main Line will be controlled from "WR" Tower. When switching movements are to be made over interlocking switches at Forest Hill, an understanding must be had with Operator at "WR" and all movements made upon signal indication.

When a train is delayed after a proceed signal has been displayed for it the operator must be notified promptly as to the cause and probable duration of delay.

A white light known as "Maintainers' Call Signal" is located on the instrument housing case at interlocking home signals and on main instrument case at Forest Hill. Train crews working in vicinity observing this signal will immediately call Operator at "WR" on telephone as this signal will be used to call train employees to telephone.

**SPECIAL INSTRUCTIONS**—Governing hand thrown switches, spring switches (see General Instructions, page 4) and signals at Great Notch.

Crossover located 200 feet west of station leading from westward main track to Caldwell Branch is equipped with hand operated switch stand and electric lock, normal position for main track. West end equipped with spring type switch stand, normal position for eastbound movement.

Second crossover located 500 feet west of station is equipped with spring type switch stands: Normal position west end for crossover movement, east end for Caldwell Branch.

Color light signals governing movements over and through these crossovers are controlled by Operator, Great Notch station during hours the station is in operation. During hours station is closed signals will operate automatically.

Hand-thrown crossover switch for movement of westbound trains to Caldwell Branch will be handled by Operator during hours station is in operation. During hours station is closed switch will be handled by train crews for movement to Caldwell Branch.

Switch will be unlocked as follows: Press down the upper latch and remove switch padlock then insert a switch key in the switch key circuit controller located at the switch and turning key as far as it will go to the right holding it there for five (5) seconds and after a four (4) minute interval the indicator will clear and the switch may be operated in the usual manner and the movement made on signal indication.

When irregular movements require hand operation of crossover switches while operators are on duty, a thorough understanding must be had with the operator and all train movements made on signal indication.

During the hours station is closed the signals governing movement over the crossover will clear for normal operation upon approach of a train and the following instructions will govern: In event the signals fail to clear and no train is observed to be approaching on a conflicting route or to be using the crossovers, a member of the crew should examine the switches and operate spring switches by hand to their normal position to determine that they are properly positioned. If signal does not then clear for the movement, the switch key controller located adjacent to the signal governing the move to be made should be operated and the signal should then clear after a four (4) minute interval.

In the event a train is stopped after signal has been displayed for the movement and for some reason is unable to proceed, the signal may be restored to stop for movement of another train by operating a push button located at side of key controller at the signal.

Westward movements from the eastward main track may be made upon signal indication after key controller located at the dwarf signal governing this movement has been operated.

Switching movements during the period the office is closed should be made after determining that all signals are set at stop, switches properly lined for the movement and necessary flag protection provided and movements made upon signal indication.

Telephones located at westward manual block signals, and at westward and eastward home signals will connect with Great Notch station when operators on duty and with "WR", West Arlington, during the period "GA" Office is closed.





## WESTWARD — FIRST CLASS — TRAINS (Read Down)

	509	579	511
	Daily Except Saturday	Saturday Only	Daily Except Saturday Sunday & Holiday
	A.M.	P.M.	P.M.
		N.B.	
	11.10	1.12	1.10
	11.30	1.25	1.30
	11.35	1.30	1.35
	11.39	1.34	1.39
	s 11.42	s 1.37	s 1.43
	f 11.43	s 1.39	s 1.45
	s 11.45	s 1.41	s 1.47
	s 11.47	s 1.43	s 1.49
	f 11.48	s 1.45	*
	s 11.50	s 1.47	s 1.52
	*	s 1.49	s 1.54
		s 1.51	s 1.56
	s 11.54	s 1.54	s 1.59
	s 11.56	s 1.56	s 2.01
	s 12.02	s 1.58	s 2.03
	f 12.04	s 2.01	*
	f 12.06	s 2.03	*
	s 12.08	s 2.06	s 2.08
	s 12.13	s 2.10	
		s 2.12	
	s 12.18	s 2.15	
	s 12.20	s 2.18	
	s 12.23	s 2.21	
	s 12.26	s 2.25	
	s 12.30	s 2.29	
	s 12.35	s 2.33	
	s 12.39	s 2.37	
	Stop Walnut St. dis- charge passengers.		Stop Belwood Park, Mountain Ave. and Montclair Heights to discharge passengers.
	P.M.	P.M.	P.M.

Belmont Ave. crossing located 800 feet west of Wanaque-Midvale; cars must not be left standing on side track within 50 feet of crossing; switching movements must be protected by member of crew stationed on crossing.

#### Hours During Which Block Stations Are In Operation

ORCHARD ST.—7.40 A.M.—6.30 P.M. Saturdays, Sundays and Holidays closed.

MONTCLAIR.—6.30 A.M.—7.30 P.M. Saturdays, Sundays and Holidays closed.

NORTH FULLERTON AVE.—11.00 A.M.—7.00 P.M. Sundays closed.

UPPER MONTCLAIR.—7.20 A.M.—6.50 P.M. Saturdays, Sundays and Holidays closed.

WESTWARD — FIRST CLASS — TRAINS (Read Down)

Distance from Jersey City	Distance between Stations	No. 44 STATIONS	585		513	
			Holiday Only		Daily	
			P.M.		P.M.	
		NEW YORK	N.B.			
.. ..		Chambers St. (Fy.) L.	1.42		3.10	
.. ..		JERSEY CITY.....L N	2.03		3.25	
2.2 2.2		CROXTON.....N	2.08		3.30	
4.4 2.2		N. Y. & G. L. JCT.....N	2.12		3.34	
6.8 2.4		ARLINGTON.....s	2.16		s 3.38	
7.5 0.7		WEST ARLINGTON..N	s 2.18		* ..	
7.9 0.4		NORTH NEWARK.....s	2.20		s 3.41	
8.5 0.6		FOREST HILL.....s	2.22		s 3.43	
9.4 0.9		BELWOOD PARK.....s	2.25			
9.8 0.4		ORCHARD ST.....D	s 2.27		s 3.46	
10.2 0.4		WALNUT ST., (Bloomfield)	s 2.29		s 3.48	
10.9 0.7		GLEN RIDGE.....s	2.32		s 3.50	
11.9 1.0		MONTCLAIR.....D	s 2.36		s 3.54	
12.8 0.9		WATCHUNG AVE.....s	2.39		s 3.56	
13.7 0.9		UPPER MONTCLAIRD	s 2.41		s 4.00	
14.2 0.5		MOUNTAIN AVE.....s	2.44		s 4.02	
14.8 0.6		MONTCLAIR HGTS. D	s 2.47		s 4.04	
16.5 1.7		GREAT NOTCH.....D	s 2.53		s 4.09	
18.6 2.1		LITTLE FALLS.....D			s 4.14	
19.2 0.6		SINGAC.....				
21.5 2.3		MOUNTAIN VIEW.....f			4.19	
		D.L. & W.R.R. Crossing				
22.4 0.9	Single Track	WAYNE.....D			s 4.23	
23.9 1.5		PEQUANNOCK.....s			s 4.26	
25.5 1.6		POMPTON PLAINS D			s 4.29	
27.6 2.1		POMPTON.....s			s 4.33	
28.0 0.4		POMPTON JCT.....				
		N.Y.S. & W.R.R. Crossing				
29.8 1.8		HASKELL.....s			s 4.37	
31.3 1.5		WANAQUE-MIDVALED			s 4.40	
.. ..						
.. ..						
.. ..						
.. ..						
.. ..						
.. ..						
.. ..						
.. ..						
			P.M.		P.M.	

Saturdays stop West Arlington discharge passengers.

MONTCLAIR HEIGHTS.—7.40 A.M.—6.45 P.M. Saturdays, Sundays and Holidays closed.  
 GREAT NOTCH.—7.00 A.M.—11.00 P.M.  
 LITTLE FALLS.—5.45 A.M.—8.30 P.M. Saturdays, Sundays and Holidays closed.  
 WAYNE.—7.30 A.M.—4.30 P.M. Saturdays, Sundays and Holidays closed.  
 POMPTON PLAINS.—6.00 A.M.—10.00 P.M. Saturdays, Sundays and Holidays closed.  
 WANAQUE-MIDVALE.—6.45 A.M.—4.45 P.M. Sundays 12.35 P.M.—8.35 P.M. Holidays 8.20 A.M.—5.20 P.M.

## WESTWARD — FIRST CLASS — TRAINS (Read Down)

	517	519	521	409	523	591	525	527
	Daily Except Sunday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Holiday Oct. 13, Nov. 4, Feb. 12, 23, only	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday
	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.
	4.30	N.B. 5.00	N.B. 5.00	N.B. 5.08	N.B. 5.20	N.B. 5.20	N.B. 5.20	N.B. 5.28
	4.46	5.14	5.17	5.25	5.38	5.34	5.37	5.42
	4.51	5.19	5.22	5.30	5.38	5.39	5.42	5.47
	4.55	5.23	5.26	5.34	5.42	5.43	5.46	5.51
	s 4.59		s 5.30	s 5.37		s 5.47		s 5.55
				s 5.39		s 5.49		
			s 5.33	s 5.41	s 5.46	s 5.51		s 5.58
	s 5.03			s 5.43		s 5.53		s 6.00
	s 5.05					s 5.55	s 5.53	
	s 5.07					s 5.57		s 6.04
	s 5.09		s 5.37					
	s 5.11		s 5.39			s 5.59		s 6.06
	s 5.13		s 5.41			s 6.01	s 5.57	
	s 5.16		s 5.44		s 5.53	s 6.04	s 6.01	s 6.10
	s 5.19	s 5.34	s 5.47			s 6.06	s 6.05	s 6.13
	s 5.22	s 5.37	s 5.50			s 6.09	s 6.09	s 6.16
	s 5.24	s 5.39	s 5.52			s 6.11	s 6.11	s 6.18
	s 5.26	s 5.41	s 5.54			s 6.13	s 6.13	s 6.20
	s 5.30	5.45	s 5.58		s 6.05	s 6.17	s 6.18	s 6.25
	s 5.35				s 6.10	s 6.22		s 6.30
	f 5.37				s 6.12	s 6.24		
	s 5.40				s 6.16	s 6.26		s 6.34
	s 5.43				s 6.19	s 6.29		s 6.37
	s 5.46				s 6.22	s 6.32		s 6.40
	s 5.49				s 6.26	s 6.35		s 6.43
	s 5.53				s 6.30	s 6.39		s 6.47
	s 5.57				s 6.35	s 6.42		s 6.51
	s 6.00				s 6.38	s 6.45		s 6.55
	Holidays stop West Arlington.							
	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.

## Sidings

Little Falls .....	26 Cars
Wayne .....	20 "
Pompton Plains .....	25 "
Pompton Jct. ....	12 "
Orange .....	5 "
Watsessing Jct. ....	15 "



## WESTWARD — FIRST CLASS — TRAINS (Read Down)

535	537	539	551	541	543	553	545	
Daily Except Saturday and Sunday	Daily Except Saturday Sunday & Holiday	Daily Except Sunday	Sunday Only	Daily Except Saturday Sunday & Holiday	Daily Except Sunday	Sunday Only	Daily Except Saturday Sunday & Holiday	
P.M.	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.	
N.B.	N.B.	N.B.	N.B.	N.B.	N.B.	N.B.	N.B.	
6.50	7.30	8.30	9.15	9.30	10.15	11.00	11.30	.....
7.05	7.47	8.43	9.40	9.45	10.35	11.30	11.55	.....
7.10	7.52	8.48	9.45	9.50	10.40	11.35	12.00	.....
7.14	7.56	8.51	9.49	9.54	10.44	11.39	12.04	.....
s 7.17	s 7.59	s 8.54	s 9.53	s 9.57	s 10.47	s 11.43	s 12.07	.....
s 7.19	s 8.01	s 8.56	s 9.55	s 9.59	*.....	s 11.45	s 12.09	.....
s 7.21	s 8.03	s 8.58	s 9.57	s 10.01	s 10.51	s 11.47	s 12.11	.....
s 7.23	s 8.05	s 9.00	s 9.59	s 10.03	*.....	s 11.49	s 12.13	.....
s 7.25	*	*	s 10.01	s 10.05	*.....	s 11.51	s 12.15	.....
s 7.27	s 8.09	s 9.04	s 10.03	s 10.07	s 10.56	s 11.53	s 12.17	.....
s 7.29	s 8.11	s 9.06	s 10.05	s 10.09	*.....	s 11.55	s 12.19	.....
s 7.31	s 8.13	s 9.08	s 10.08	s 10.11	s 11.00	s 11.57	s 12.21	.....
s 7.33	s 8.15	s 9.11	s 10.11	s 10.13	s 11.02	s 12.00	s 12.23	.....
s 7.36	s 8.17	s 9.13	s 10.14	s 10.15	s 11.04	s 12.02	s 12.25	.....
s 7.39	s 8.19	s 9.15	s 10.16	s 10.17	s 11.06	s 12.04	s 12.27	.....
s 7.41	s 8.21	s 9.17	s 10.19	s 10.19	*.....	s 12.06	s 12.29	.....
s 7.43	*	s 9.19	s 10.22	s 10.21	*.....	s 12.08	s 12.31	.....
s 7.47	s 8.26	s 9.23	s 10.25	s 10.24	s 11.14	s 12.12	s 12.35	.....
s 7.52		s 9.27	s 10.30		s 11.18	s 12.16	s 12.39	.....
*		*	s 10.32		*		*	.....
s 7.56		s 9.31	s 10.35		s 11.22	s 12.20	s 12.43	.....
s 7.59		s 9.33	s 10.37		s 11.24	s 12.22	s 12.45	.....
s 8.02		s 9.36	s 10.40		s 11.26	s 12.25	s 12.47	.....
s 8.05		s 9.39	s 10.43		s 11.29	s 12.28	s 12.50	.....
s 8.09		s 9.42	s 10.46		s 11.32	s 12.31	s 12.53	.....
s 8.13		s 9.46	s 10.50		s 11.36	s 12.35	s 12.57	.....
s 8.16		s 9.49	s 10.53		s 11.39	s 12.38	s 1.01	.....
Stop Singac to discharge passengers.	Stop Belwood Park and Montclair Heights to discharge passengers.	Stop Belwood Park and Singac to discharge passengers.		No. 543 stop West Arlington, Forest Hill, Belwood Park, Walnut St., Mountain Ave., Montclair Heights, Singac, to discharge passengers.			Stop Singac to discharge passengers.	
P.M.	P.M.	P.M.	P.M.	P.M.	P.M.	A.M.	A.M.	

## Telephones connecting with Train Dispatcher's Circuit:

Forest Hill, outside station  
 Bellwood Park Crossover  
 East End Siding, west of Montclair  
 Great Notch, next to register box  
 East End of Siding, west of Wayne  
 Pompton Plains, outside station  
 Pompton Junction, west of N.Y.S. & W. R.R. Crossing  
 Midvale, outside station  
 Midvale Roundhouse

## EASTWARD — FIRST CLASS — TRAINS (Read Up)

Distance from West Orange	Distance between Stations	No. 44 STATIONS		404	406
				Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday
				A.M.	A.M.
4.0	0.8	(FOREST HILL...A.	No. 404 will operate Oct. 13, Nov. 4, Feb. 12.	\$ 7.29	\$ 8.08
3.2	0.5	SILVER LAKE.....		\$ 7.27	\$ 8.06
2.7	0.5	BLOOMFIELD.....D		\$ 7.25	\$ 8.04
2.2	0.3	WATSESSING JCT.....		\$ 7.23	\$ 8.02
1.9	0.6	EAST ORANGE.....		\$ 7.22	\$ 8.00
1.3	0.4	BRIGHTON AVE.....		\$ 7.20	\$ 7.58
0.9	0.6	ORANGE.....		\$ 7.19	\$ 7.56
0.3	0.3	LLEWELLYN.....		\$ 7.17	\$ 7.54
..	..	(WEST ORANGE...L. D		7.16	7.52
					A.M.

## WESTWARD — FIRST CLASS — TRAINS (Read Down)

Distance from Forest Hill	Distance between Stations	No. 44 STATIONS		401	403
				Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday
				A.M.	A.M.
..	..	(FOREST HILL...L.	No. 401 will operate Oct. 13, Nov. 4, Feb. 12.	\$ 6.84	\$ 7.31
0.8	0.8	SILVER LAKE.....		\$ 6.86	\$ 7.33
1.3	0.5	BLOOMFIELD.....D		\$ 6.88	\$ 7.34
1.8	0.5	WATSESSING JCT.....		\$ 6.40	\$ 7.36
2.1	0.3	EAST ORANGE.....		\$ 6.42	\$ 7.37
2.7	0.6	BRIGHTON AVE.....		\$ 6.44	\$ 7.39
3.1	0.4	ORANGE.....		\$ 6.46	\$ 7.41
3.7	0.6	LLEWELLYN.....		6.47	7.42
4.0	0.3	(WEST ORANGE...A. D			
					A.M.

Eastbound trains are superior to westbound trains of the same class, except:

No. 401 is superior to Nos. 404 and 406.

No. 403 is superior to No. 406.

No. 483 is superior to No. 408.

No. 405 is superior to No. 410.

No. 409 is superior to Nos. 412 and 498.

No. 413 is superior to Nos. 412 and 498.

Hours during which block stations are in operation:

West Orange. 7.00 A.M. to 4.00 P.M. Sat. and Sun. closed.

Bloomfield Ave. 6.00 A.M. to 10.00 P.M. Saturdays 6.00 A.M. to 2.00 P.M. Sundays closed.

Long siding east of Orange and long siding at Watsessing Junction are designated as passing sidings.

Orange Branch Forest Hill to West Orange will be under yard limit rules.

Speed Restrictions:

	Miles per Hour
Passenger trains.....	35
Freight trains and trains hauling wrecking derrick or eight-wheel swivel truck cranes, steam shovels and other similar pivoted machinery.....	20
Orange Branch trains entering Forest Hill station.....	5
Between Silver Lake and Bloomfield Ave. ....	15

**EASTWARD — FIRST CLASS — TRAINS (Read Up)**

	<b>408</b>		<b>410</b>		<b>412</b>	<b>498</b>	
	Daily Except Saturday Sunday & Holiday		Daily Except Saturday Sunday & Holiday		Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	
	A.M.		P.M.		P.M.	P.M.	
	s 8.52	No. 410 will operate Oct. 13, Nov. 4, Feb. 12.	s 5.18		s 6.15	x 6.55	
	f 8.50		f 5.16				
	s 8.48		f 5.14				
	f 8.47		s 5.12				
	s 8.46		s 5.10				
	s 8.44		s 5.08				
	f 8.42		s 5.06				
	f 8.40		s 5.04				
	8.38		5.03			6.02	6.40
	A.M.			P.M.		P.M.	P.M.

**WESTWARD — FIRST CLASS — TRAINS (Read Down)**

<b>483</b>			<b>405</b>		<b>409</b>	<b>413</b>
Daily Except Saturday Sunday & Holiday			Daily Except Saturday Sunday & Holiday		Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday
A.M.			P.M.		P.M.	P.M.
s 8.10		No. 405 will operate Oct. 13, Nov. 4, Feb. 12.	s 4.30		s 5.48	s 6.24
s 8.12			s 4.32		s 5.46	s 6.26
s 8.14			s 4.34		s 5.48	s 6.28
f 8.15						
f 8.17			s 4.36		s 5.51	s 6.30
s 8.19			s 4.38		s 5.53	s 6.32
s 8.21			s 4.40		s 5.55	s 6.34
f 8.23			s 4.42		s 5.57	s 6.36
8.25			4.44		5.58	6.37
A.M.				P.M.		P.M.

Cars must not be placed within 200 feet of private crossing west of Forest Hill.

Class K4 engines are restricted on Black Diamond Coal Co. siding, Orange.

Engines are restricted on Feigenspan's trestle, East Orange.

Eastbound trains stopping at Bloomfield, Orange Branch, will stop clear of crossing. Westbound trains except train 409 will stop with engine east of crossing.

Trains stopping at Llewellyn will stop with entire train clear of Park Avenue Crossing.

Light engines and extra trains between Forest Hill and Bloomfield from 8.30 P.M. to 6.00 A.M. week days will reduce speed to five miles per hour over all grade crossings except Grove St. and Bloomfield Ave., Bloomfield, stop and flag. Between 11.00 P.M. and 6 A. M. week days, stop and flag over Belmont Ave., and Franklin St., Silver Lake.

Light engines and trains Bloomfield and West Orange between 10 A.M. and 3 P.M. week days, stop and flag over all crossings, Bloomfield to West Orange.

Between 7.00 P.M. and 6.00 A.M. week days, light engines and trains will stop and flag over all crossings, Bloomfield to West Orange.

Between 7.00 P.M. Friday and 6.00 A.M. Monday, also on Holidays, engines and trains will stop and flag over all crossings Forest Hill to West Orange.

EASTWARD — FIRST CLASS — TRAINS (Read Up)

Distance from Essex Fells	Distance between Stations	No. 44 STATIONS	458	464	516
			Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday and Sunday
			A.M.	A.M.	A.M.
			N.B.	N.B.	N.B.
5.7	1.9	GREAT NOTCH A. D	s 7.39	s 8.00	s 8.37
3.8	1.7	CEDAR GROVE.....	s 7.34	s 7.57	s 8.33
2.1	1.1	VERONA.....D	s 7.30	s 7.53	s 8.29
1.0	1.0	CALDWELL.....D	s 7.27	s 7.50	s 8.26
..	..	ESSEX FELLS...L. D	7.22	7.45	8.23
			A.M.	A.M.	A.M.

WESTWARD — FIRST CLASS — TRAINS (Read Down)

Distance from Great Notch	Distance between Stations	No. 44 STATIONS	585	519	521	531	537
			Holiday Only	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday
			P.M.	P.M.	P.M.	P.M.	P.M.
			N.B.	N.B.	N.B.	N.B.	N.B.
..	..	GREAT NOTCH L. D	s 2.53	s 5.45	s 6.06	s 6.50	s 8.26
1.9	1.9	CEDAR GROVE.....	s 2.58	s 5.49	s 6.11	s 6.55	s 8.30
3.6	1.7	VERONA.....D	s 3.05	s 5.54	s 6.16	s 7.02	s 8.35
4.7	1.1	CALDWELL.....D	s 3.08	s 5.57	s 6.19	s 7.06	s 8.38
5.7	1.0	ESSEX FELLS...A. D	3.11	6.00	6.22	7.09	
			P.M.	P.M.	P.M.	P.M.	P.M.

This schedule is subject to change without notice. For full details, see the General Rules and Regulations of the New York, Ontario and Western Railway Company.



Eastbound trains are superior to westbound trains of the same class, except:

Trains will have right over opposing trains which are run by the same engine and crew between Caldwell and Essex Fells.

Hours during which block stations are in operation:

Great Notch. 7.00 A.M.-11.00 P.M.

Verona. 7.00 A.M.-4.00 P.M. Saturdays, Sundays and Holidays closed.

Caldwell. 7.00 A.M.-7.15 P.M. Saturdays, Sundays and Holidays closed.

Essex Fells. 7.00 A.M.-4.00 P.M. Saturdays and Sundays closed.

Telephone connecting with Train Dispatcher's Circuit:  
Caldwell, outside station

Speed Restrictions:	Miles per Hour
Passenger trains.....	35
Freight trains.....	30
Roseland Ave. Crossing, Caldwell, within 1000 feet of crossing.....	20
Ryerson Ave. crossing, east of Caldwell.....	5
Bloomfield Ave. tunnel, M.P. 20.30 and 20.50.....	25
Trains hauling wrecking derrick, eight-wheel swivel truck cranes, steam shovels and other similar pivoted machinery.....	20

Auto-manual cutout and cut-in device is located on east side of instrument case at Durrell St., Verona, N. J., for the purpose of cutting out flashing light signals and bell when switching is being performed. Two push buttons are located in white painted metal box secured with standard switch lock—one button for cutting out crossing signals and one for cutting them back in when movement is to be made over crossing after signals have been cut out. This device will automatically restore itself after train for which it was used has departed.

The territory from 3,000 feet east end of Caldwell yard to 1,500 feet west of the west end of Essex Fells yard will be under yard limit rules.

Between 9.00 P.M. and 6.00 A.M. first class trains 5 miles per hour over Francisco Ave. Extra trains and light engines come to full stop before proceeding over crossing.

Light engines east and west and westbound extra trains stop and flag over Ryerson Ave. crossing, east of Caldwell.

EASTWARD TRAINS (Read Up)

FIRST CLASS

Distance from Thiells	Distance between Stations	No. 44 STATIONS	600	602	604
			Daily Except Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday
			A.M.	A.M.	A.M.
..	..	NEW YORK Chambers St. (Fy.) ..A.	N.B. 7.06	N.B. 8.04	N.B. 8.32
38.1	2.2	JERSEY CITY.....A. N	6.54	7.52	8.17
35.9	5.3	CROXTON.....N	6.49	7.47	8.12
30.6	1.3	N. J. & N. Y. JCT.....	6.40	7.38	8.03
29.3	0.9	CARLSTADT.....	s 6.37	s 7.35	s 8.00
28.4	1.0	WOODRIDGE-Moonachie	s 6.35	s 7.33	s 7.57
27.4	0.6	HASBROUCK H'GTS.	s 6.33	s 7.31	s 7.54
26.8	1.2	WILLIAMS AVE.....	s 6.31	f 7.29	*
25.6	0.6	HACKENSACK.....D	s 6.29	s 7.26	s 7.50
25.0	0.5	CENTRAL AVE.....			
24.5	0.4	ANDERSON ST.....	s 6.26	s 7.23	s 7.47
24.1	0.8	FAIRMOUNT AVE.....	s 6.24	s 7.21	s 7.45
23.3	1.7	NO. HACKENSACK.....	s 6.22	s 7.19	s 7.43
21.6	0.8	RIVER EDGE.....	s 6.19	s 7.16	s 7.40
20.8	0.6	NEW MILFORD.....	s 6.17	s 7.14	s 7.38
20.2	1.5	ORADELL.....D	s 6.15	s 7.12	s 7.36
18.7	1.2	EMERSON.....	s 6.12	s 7.09	s 7.33
17.5	0.9	WESTWOOD.....D	s 6.09	s 7.06	s 7.30
16.6	1.3	HILLSDALE.....D	s 6.07	s 7.04	s 7.27
15.3	0.9	WOODCLIFF LAKE.....	s 6.04	s 7.01	s 7.24
14.4	0.6	PARK RIDGE.....D	s 6.02	s 6.59	s 7.22
13.8	1.3	MONTVALE.....	s 6.00	s 6.57	s 7.20
12.5	2.4	PEARL RIVER.....D	s 5.57	s 6.54	s 7.17
10.1	0.2	NANUET.....D	s 5.53	s 6.50	s 7.12
9.9	2.5	NANUET JUNCTION	5.52	6.49	7.11
7.4	0.6	SPRING VALLEY.....D	s 5.48	s 6.45	s 7.07
6.8	2.0	WOODBINE.....	5.45	6.41	7.03
4.8	0.8	NEW HEMPSTEAD.....			
4.0	0.7	SUMMIT PARK.....			
3.3	1.2	POMONA.....			
2.1	2.1	MOUNT IVY.....			
..	..	THIELLS.....L.			
			A.M.	A.M.	A.M.

Single Track

No. 604 stop Williams Ave., discharge passengers. Will operate Oct. 13, Nov. 4, Feb. 12.

Will operate Oct. 13, Nov. 4, Feb. 12 and Feb. 23.

Eastbound trains are superior to westbound trains of the same class, except: Nos. 601, 603, 605, 607, 609 and 611 are superior to No. 632.

Trains making station stop Carlstadt, will stop clear of Plank Road crossing.

Eastbound trains stopping at Woodridge will stop with engine east of Moonachie Ave.

When serving Industries So. Hackensack, all road crossings must be protected by member of crew.

When cars are left on siding at Essex St., Hackensack, they must not be placed within 100 feet of Sussex St. crossing.

Passenger trains stopping at Central Ave., Hackensack, will stop train clear of Central Ave. crossing.

Automatic crossing bell cutout device located in crossing gate cabin, Central Ave. When crossing gatemen not on duty trains switching or leaving cars within limits of bell circuit, must station member of crew at crossing to operate cutout device.

All movements over crossings in sidings at Carlstadt, Hackensack to Fairmount Ave. and Oradell must be protected by member of crew.

EASTWARD TRAINS (Read Up)

FIRST CLASS				SECOND CLASS			
656	606	608		632		672	
Saturday Only	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday		Daily Except Saturday Sunday & Holiday		Saturday Only	
A.M.	A.M.	A.M.		P.M.		P.M.	
N.B.	N.B.	N.B.		x			
8.39	8.37	8.49					
8.22	8.25	8.35		8.28			
8.17	8.20	8.30		8.23			
8.08	8.11	8.21		8.15			
s 8.05							
s 8.02		s 8.17					
s 8.00	s 8.07						
f 7.58							
s 7.56							
s 7.51		s 8.11					
s 7.48							
s 7.45							
s 7.42		s 8.06					
s 7.40							
s 7.37	s 7.57						
s 7.34		s 8.02					
s 7.31		s 8.00					
s 7.28		s 7.57		7.45		12.00	
s 7.25	s 7.48						
s 7.23	s 7.46	s 7.52					
s 7.21	s 7.44						
s 7.18	s 7.41	s 7.49		7.38			
s 7.14	s 7.37			7.33			
7.13	7.36	7.45		7.32		8.15	
s 7.09	s 7.32	s 7.41		7.25		8.00	
7.04	7.27	7.35		7.20			
A.M.	A.M.	A.M.		P.M.		A.M.	

Eastbound trains stopping at Oradell and North Hackensack pull clear of road crossing.

Westbound trains stopping at Emerson pull clear of crossing east of station.

When trains meet at Westwood, the train operating main track will stop before passing over Irvington Street crossing, unless it is known that flasher light signals at the crossing are operating; the train operating through siding will stop and flag over Irvington Street crossing, as flasher signals do not work on that track.

When trains meet at Park Ridge and westbound train backs out of siding, member of crew must be stationed on Park Ave. crossing to protect movement over crossing on account of flasher lights not operating.

Engines are restricted from operating over coal hopper P. R. Fuel Co. siding. Crews placing cars west of hopper will use necessary reachers. Light engines, work extras and crews performing switching service must not clear the main track for the purpose of meeting or passing trains at—Comfort Coal Co. switch, Pearl River, M. P. 25.80.

Cars must not be left standing on passing siding at Pearl River within 200 feet of Jefferson Ave. crossing.

		WESTWARD TRAINS (Read Down)					
		FIRST CLASS					
Distance from Jersey City	Distance between Stations	No. 44 STATIONS	689	601	603	605	693
			Saturday Only	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Saturday Only
			P.M.	P.M.	P.M.	P.M.	P.M.
..	..	NEW YORK Chambers St. (Fy.)..L.	N.B. 1.36	N.B. 4.30	N.B. 5.00	N.B. 5.15	N.B. 5.10
..	..	JERSEY CITY.....L. N	1.48	4.45	5.13	5.30	5.25
2.2	2.2	CROXTON.....N	1.53	4.50	5.18	5.35	5.30
7.5	5.3	N. J. & N. Y. JCT.....	2.02	4.59	5.26	5.44	5.39
8.8	1.3	CARLSTADT.....s	2.05	5.01			5.41
9.7	0.9	WOODRIDGE-Moonachie s	2.07	5.03	5.29		5.44
10.7	1.0	HASBROUCK H'GTS s	2.09	5.05	5.31		5.46
11.3	0.6	WILLIAMS AVE.....f	2.11	5.07			5.48
12.5	1.2	HACKENSACK.....D	2.14	5.09			5.51
13.1	0.6	CENTRAL AVE.....					
13.6	0.5	ANDERSON ST.....s	2.20	5.12	5.36		5.58
14.0	0.4	FAIRMOUNT AVE...s	2.23	5.14	5.38		5.59
14.8	0.8	NO. HACKENSACK s	2.25	5.17	5.40		6.02
16.5	1.7	RIVER EDGE.....s	2.28	5.20	5.43	5.56	6.05
17.3	0.8	NEW MILFORD.....s	2.30	5.22	5.45	5.58	6.07
17.9	0.6	ORADELL.....D	2.32	5.24	5.47	6.01	6.09
19.4	1.5	EMERSON.....s	2.35	5.27		6.04	6.11
20.6	1.2	WESTWOOD.....D	2.38	5.30	5.51	6.07	6.14
21.5	0.9	HILLSDALE.....D	2.42	5.32	5.53	6.10	6.18
22.8	1.3	WOODCLIFF LAKE..s	2.45	5.35	5.56	6.14	6.21
23.7	0.9	PARK RIDGE.....D	2.47	5.38	5.58	6.17	6.23
24.3	0.6	MONTVALE.....s	2.49	5.40	6.01	6.20	6.25
25.6	1.3	PEARL RIVER.....D	2.51	5.43	6.04	6.24	6.29
28.0	2.4	NANUET.....D	2.56	5.48	6.09	6.29	6.33
28.2	0.2	NANUET JUNCTION	3.02	5.54	6.15	6.30	6.38
30.7	2.5	SPRING VALLEY...D	3.07	5.59	6.20	6.36	6.43
31.3	0.6	WOODBINE.....s	3.10	6.03	6.24	6.40	6.47
33.3	2.0	NEW HEMPSTEAD..					
34.1	0.8	SUMMIT PARK.....					
34.8	0.7	POMONA.....					
36.0	1.2	MOUNT IVY.....					
38.1	2.1	THIELLS.....A.					
			P.M.	P.M.	P.M.	P.M.	P.M.

When trains meet at Pearl River or Hillsdale, eastbound trains will not pass track circuit clearance post until westbound train arrives at siding.

Nanuet Junction, normal position of switch N. J. & N. Y. R. R. Nanuet crossing of Piermont Branch and wye tracks, trains will stop, send man ahead turn target signal to proceed position before passing over crossing.

Spring Valley, junction of N. J. & N. Y. R. R. and Piermont Branch, normal position of switch N. J. & N. Y. R. R.

All trains and light engines must stop, send member of crew ahead and flag over Church St. Crossing, west of Spring Valley.

Class S engines are restricted on N. J. & N. Y. R. R.

All trains must stop and flag over Union Avenue crossing west end Woodbine yard. All switching movements over crossing must be protected by member of crew.

Trains stop not less than 25 feet from Suffern-Mt. Ivy highway crossing, east of Mt. Ivy station, send man ahead, flag over crossing.

WESTWARD TRAINS (Read Down)

FIRST CLASS			SECOND CLASS				
607	609	611			671		
Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday			Saturday Only		
P.M.	P.M.	P.M.			P.M.		
N.B.	N.B.	N.B.					
5.28	5.48	6.40					
5.42	6.04	6.55					
5.47	6.09	7.00					
5.56	6.18	7.09					
s 5.58	s 6.20	s 7.11					
s 6.00	s 6.22	s 7.13					
s 6.03	s 6.25	s 7.16					
s 6.05	s 6.27	s 7.18					
s 6.08	s 6.30	s 7.21					
s 6.11	s 6.33	s 7.24					
s 6.13	s 6.35	s 7.26					
s 6.15	s 6.37	s 7.28					
s 6.18	s 6.40	s 7.31					
s 6.20	s 6.42	s 7.33					
s 6.23	s 6.45	s 7.35					
s 6.26	s 6.48	s 7.38					
s 6.29	s 6.51	s 7.41					
s 6.31	s 6.53	s 7.43			12.30		
s 6.34	s 6.56	s 7.46					
s 6.37	s 6.59	s 7.48					
s 6.39	s 7.01	s 7.51					
s 6.42	s 7.04	s 7.53					
s 6.47	s 7.09	s 7.58					
6.53	7.15	8.04			2.00		
s 6.58	s 7.20	s 8.09			2.15		
7.02	7.24	8.13					
Will operate Oct. 13, Nov. 4, Feb. 12 and Feb. 23.		Will operate Oct. 13, Nov. 4, Feb. 12.					
P.M.	P.M.	P.M.			P.M.		

Trains on Piermont Branch and Wye track stop before crossing Main Street Crossing, Nanuet.

Main track at Woodbine will be occupied by passenger equipment from arrival of train 611 until departure of train 604 week days and from arrival of train 689 Saturdays to departure of train 604 Mondays.

SIDINGS:

Following sidings are designated as passing sidings:

PEARL RIVER—	Capacity
PARK RIDGE—	30 Cars
HILLSDALE—	10 "
FAIRMOUNT AVE. to HACKENSACK.	20 "
	180 "

EASTWARD TRAINS (Read Up)									
FIRST CLASS									
Distance from Suffern	Distance between Stations	No. 44 STATIONS	600	602	604	656			
			Daily Except Sunday & Holiday	Daily Except Saturday & Holiday	Daily Except Saturday & Holiday	Saturday Only			
			A.M.	A.M.	A.M.	A.M.			
16.1	1.6	Single Track ( SPARKILL ..... A. D ORANGEBURG ..... BLAUVELT ..... NANUET CROSS'G ..... NANUET JUNCTION ..... SPRING VALLEY ..... D MONSEY ..... TALLMANS ..... SUFFERN ..... L. N	Will operate Oct. 13, Nov. 4 Feb. 12 and Feb. 23.		Will operate Oct. 13, Nov. 4 and Feb. 12				
14.5	1.0								
13.5	4.3								
9.2	0.2								
9.0	2.3					5.52	6.49	7.11	7.18
6.7	1.3					5.48	6.45	7.07	7.09
5.4	2.3								
3.1	3.1								
..	..								
						A.M.	A.M.	A.M.	A.M.

WESTWARD TRAINS (Read Down)								
FIRST CLASS								
Distance from Sparkill	Distance between Stations	No. 44 STATIONS	689	601	603	605	693	
			Saturday Only	Daily Except Saturday & Holiday	Daily Except Saturday & Holiday	Daily Except Saturday & Holiday	Saturday Only	
			P.M.	P.M.	P.M.	P.M.	P.M.	
..	..	Single Track ( SPARKILL ..... L. D ORANGEBURG ..... BLAUVELT ..... NANUET CROSS'G ..... NANUET JUNCTION ..... SPRING VALLEY ..... D MONSEY ..... TALLMANS ..... SUFFERN ..... A. N						
1.6	1.6							
2.6	1.0							
6.9	4.3							
7.1	0.2			3.02	5.54	6.15	6.80	6.88
9.4	2.3			3.07	5.59	6.20	6.86	6.48
10.7	1.3							
13.0	2.3							
16.1	3.1							
				P.M.	P.M.	P.M.	P.M.	P.M.

Eastbound trains are superior to Westbound trains of the same class, except Nos. 601, 603, 605, 607, 609 and 611 are superior to No. 632. Trains and engines stop at Saddle River Road crossing, located 540 feet west of Monsey and flag over crossing.

Spring Valley Jct., Piermont Branch and N. J. & N. Y. R. R., normal position of switch, N. J. & N. Y. R. R.

Nanuets Junction, normal position of switch, N. J. & N. Y. R. R.

Nanuet crossing of Piermont Branch and wye tracks, trains will stop, send man ahead, turn target signal to proceed position before passing over crossing.

Trains on Piermont Branch and wye track stop before crossing Main Street crossing, Nanuet.

Trains and engines stop not less than fifty (50) feet from Erie Hill Road and Greenbush Road Crossings, (1st and 2nd crossings east of Orangeburg station) and Mountainview Ave. crossing (west of Orangeburg), send member of crew ahead and flag over crossings.

Trains and engines stop not less than fifty (50) feet from State Highway crossing, 3rd crossing east of Orangeburg station, before proceeding over crossing. Operating circuits for flashing light signals extend 120 feet west and 100 feet east of crossing. Crews will avoid occupying any portion of this circuit unnecessarily.

Engines and trains using Piermont Branch at Sparkill will protect by flag against eastbound Northern BR. trains in addition to securing permission to cross over.

Engines and trains on Piermont Branch will flag over Kipps crossing, Sparkill.

Class S engines are restricted Suffern to Sparkill.

EASTWARD TRAINS (Read Up)							
FIRST CLASS			SECOND CLASS				
606	608	632					672
Daily Except Saturday & Holiday	Daily Except Saturday & Holiday	Daily Except Saturday & Holiday					Saturday Only
A.M.	A.M.	P.M.					A.M.
		x					
7.36	7.45	7.32					8.15
s 7.32	s 7.41	s 7.25					8.00
A.M.	A.M.	P.M.					A.M.

WESTWARD TRAINS (Read Down)							
FIRST CLASS			SECOND CLASS				
607	609	611					671
Daily Except Saturday & Holiday	Daily Except Saturday & Holiday	Daily Except Saturday & Holiday					Saturday Only
P.M.	P.M.	P.M.					P.M.
Will operate Oct. 13, Nov. 4, Feb. 12 and Feb. 23		Will operate Oct. 13, Nov. 4 and Feb. 12.					
6.58	7.15	8.04					2.00
s 6.58	s 7.20	s 8.09					2.15
P.M.	P.M.	P.M.					P.M.

**Speed restrictions:**

Passenger trains:	Miles per Hour
Suffern and Spring Valley . . . . .	30
Spring Valley and Nanuet Junction . . . . .	60
Nanuet Junction and Sparkill . . . . .	30
Freight trains . . . . .	25
Sparkill to Piermont Dock . . . . .	15
Trains hauling wrecking derrick and eight-wheel swivel truck cranes, steam shovels and other similar pivoted machinery . . . . .	20
MP. 3.20 1/4 mile east of Orangeburg to MP. 4.00 east of Blauvelt. Sickletown Road crossing, one mile east Nanuet crossing . . . . .	15
Curve Dykes crossing between Spring Valley and Nanuet Jct. . . . .	5
Dater's crossing between Suffern and Tallmans . . . . .	35
Chestnut Street crossing, Suffern . . . . .	5
Washington Ave. crossing, Suffern . . . . .	5
Between SF Tower and Washington Ave. crossing . . . . .	5
Main Street crossing, Monsey . . . . .	20
Monsey Heights crossing . . . . .	10
	5

**Hours of Crossing Protection**

	WEEKDAYS	SATURDAY
Orange Ave., Suffern—	3.00 P.M.—11.00 P.M.	
Main St., Spring Valley—	5.30 A.M.—11.30 A.M.	5.30 A.M.—10.00 A.M.
	5.45 P.M.—8.30 P.M.	1.30 P.M.—7.00 P.M.
On Saturdays, Sundays and Holidays and during period crossings not protected, all trains and engines stop, send member of crew ahead and flag over crossing.		
All movements over Chestnut St. crossing, Suffern, not to exceed 5 m.p.h., and must be protected by sending member of crew ahead who shall station himself at the crossing preceding such movement.		
Hours during which block stations are in operation.		
SPRING VALLEY.—	6.30 A.M.—3.30 P.M.	Sat., Sun. and Holiday closed.
NANUET.—	10.00 A.M.—12.01 P.M.	Sat., Sun. and Holiday closed.
SPARKILL.—	7.15 A.M.—4.15 P.M.	Sat., Sun. and Holiday closed.

## EASTWARD — FIRST CLASS — TRAINS (Read Up)

Distance from Nyack	Distance between Stations	No. 44 STATIONS	N.Y.S.&W.	N.Y.S.&W.	N.Y.S.&W.	N.Y.S.&W.
			904	804	1100	906
			Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday
			A.M.	A.M.	A.M.	A.M.
..	..	NEW YORK Chambers St. (Fy.)...A.	6.42		N.B. 7.27	7.44
28.1	2.2	JERSEY CITY.....A. N	6.15		7.13	7.26
25.9	2.7	CROXTON.....N	6.10		7.08	7.21
23.2	0.2	SUSQUEHANNA TRANSFER	s 6.03	s 6.50		s 7.16
23.0	2.0	NORTH BERGEN				
21.0	1.1	GRANTON JCT.....D	6.00	6.47	7.00	7.13
19.9	0.9	FAIRVIEW.....				
19.0	0.7	RIDGEFIELD.....			s 6.55	
18.3	0.6	MORSEMERE.....				
17.7	1.0	PALISADES PARK.....			s 6.52	
16.7	2.5	LEONIA.....			s 6.48	
14.2	1.0	INGLEWOOD.....D			s 6.45	
13.2	1.0	HUDSON AVE.....			s 6.43	
12.2	1.2	TENAFLY.....D			s 6.40	
11.0	1.0	CRESSKILL.....			s 6.37	
10.0	1.0	DEMAREST.....			s 6.34	
9.0	1.8	CLOSTER.....D			s 6.31	
7.2	0.8	NORWOOD.....			s 6.28	
6.4	2.0	NORTHVALE.....			s 6.25	
4.4	1.2	SPARKILL.....D			s 6.21	
3.2	1.2	PIERMONT.....			s 6.17	
2.0	1.5	GRAND VIEW.....			s 6.12	
0.5	0.5	SOUTH NYACK.....			6.10	
..	..	NYACK.....L. D				
			A.M.	A.M.	A.M.	A.M.

Eastbound trains are superior to westbound trains of the same class.

West end of facing point cross over on track 2—330 feet west of Susquehanna Transfer, is equipped with automatic spring type switch. Normal position for eastward main track 2. Trains finding eastbound signal located 670 feet west of Susquehanna Transfer in Stop position will inspect facing point spring switch.

Granton Jct. tower will be closed 11.45 P.M. to 6.45 A.M. weekdays and from 11.45 P.M. Saturday to 6.45 A.M. Monday.

Track 2 Highway Crossing New Durham not equipped with reverse circuit, trains operating against current of traffic will not exceed speed of 5 miles per hour over crossing.

End of double track west of Palisades Park is equipped with automatic spring type switch. Normal position for eastward track.

The two main tracks at Closter, for a distance of 2400 feet, and at Sparkill, for a distance of 1350 feet, are operated as double track.

East end of double track at Closter is equipped with automatic spring type switch. Normal position for westbound track.

West end of double track at Closter is equipped with automatic spring type switch. Normal position for eastbound track.

East end of double track east of Sparkill is equipped with automatic spring type switch. Normal position for westbound track.

Trains finding westbound signals west end of double track at Palisades Park or west end of double track at Closter in stop position, before proceeding must operate spring switch by hand and restore same to normal position after movement completed.

Engines and trains using Piermont Branch at Sparkill will protect by flag against eastbound Northern Br. trains, in addition to securing permission to cross over.

West end of double track at Sparkill is controlled by hand thrown switch. Normal position for eastbound track, except that train 1101 weekdays and train 1183 Saturdays will leave switch lined for westbound track.



## EASTWARD — FIRST CLASS — TRAINS (Read Up)

N.Y.S.&W.	N.Y. &W.	N.Y.S.&W.	N.Y.S.&W.	N.Y.S.&W.		N.Y.S.&W.	N.Y.S.&W.
960	806	908	808	910	1102	972	962
Saturday Only	Daily Except Saturday & Sunday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Holiday Only	Saturday Only
A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.
8.04		N.B. 8.11		N.B. 8.26	N.B. 8.37	8.37	9.04
7.48		7.57		8.12	8.22	8.25	8.39
7.43		7.52		8.07	8.17	8.20	8.35
s 7.38	s 7.25	s 7.47	s 7.53	s 8.01	s 8.13	s 8.15	s 8.30
7.35	7.22	7.43	7.50	7.58	8.09	8.11	8.27
				No. 910 will operate Oct. 13, Nov. 4 and Feb. 12	s 8.05		
					s 8.02		
					s 7.58		
					s 7.54		
					s 7.51		
					s 7.48		
					s 7.45		
		Stop North Bergen to discharge passengers. Will operate Oct. 13, Nov. 4 and Feb. 12		Will operate Oct. 13, Nov. 4 and Feb. 12	s 7.42	Will not operate Oct. 13, Nov. 4 and Feb. 12.	
				No. 1102 will operate Oct. 13, Nov. 4, Feb. 12.	s 7.39		
					s 7.36		
					s 7.33		
					s 7.29		
					s 7.25		
					s 7.22		
					s 7.19		
					7.17		
A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.

Train 1105 weekdays and train 1185 Saturdays will leave switch lined for eastbound track.

Engines are restricted on McIndoe's trestle, Sparkill.

All trains and engines must stop at Cedar Hill Ave. crossing, Nyack, and protect movement over crossing with red flag by day and red light by night until entire movement is completed.

Cars in excess of 50 ton capacity must not be placed on J. J. Demarest Trestle at Closter.

Automatic cut-out with cut-in device at Madison and Union Avenues, Cresskill, controls located at Madison Ave., west of station. Trains performing switching movements will operate this device and member of crew protect crossing. This cut-in button must be restored to normal before leaving station.

Passenger trains in both directions stopping at Tenafly will stop train east of Washington St. crossing, located just west of station.

Freight trains making reverse movement on westward track from Industrial siding at Babbitt to Granton Jct. must not open inside switch until westbound train passing has cleared west end of siding, to permit proper operation of crossing signals on Babbitt crossing. Member of crew must protect reverse movement over crossing.

Class S engines are restricted tracks 3 and 4 between Granton Jct. and Lundys Lane; between Granton Jct. and Nyack.

Trains using tracks 3 and 4 between Lundys Lane and Granton Jct. will not occupy main track without permission from Train Dispatcher.

Class K engines restricted on trestles Highwood Coal Co., Leonia and Englewood Coal Co., east of Englewood.

Engines restricted Standard Corrugated Co. siding, Ridgefield, 180 feet east of switch point.

Class K engines restricted Geo. Fangman Co. siding, North Bergen.

All engines restricted Warren Dye Works siding, North Bergen.

Crews operating in sidings of De Angelis Packing Co. and Triple M Transportation Co., No. Bergen stop and flag over Eighth St. and Dell Ave.

EASTWARD — FIRST CLASS — TRAINS (Read Up)

Distance from Nyack	Distance between Stations	No. 44 STATIONS	N.Y.S.&A.W.	N.Y.S.&A.W.	1104	N.Y.S.&A.W.
			912	810	1104	916
			Daily Except Saturday Sunday & Holiday	Daily Except Saturday	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday
			A.M.	A.M.	A.M.	A.M.
		NEW YORK	N.B.		N.B.	
..	..	Chambers St. (Fy.)...A.	8.43		8.57	8.57
28.1	2.2	JERSEY CITY...A. N	8.29		8.41	8.44
25.9	2.7	CROXTON...N	8.24		8.36	8.39
23.2	0.2	SUSQUEHANNA TRANSFER s	8.17	s 8.22	s 8.32	s 8.35
23.0	2.0	NORTH BERGEN				
21.0	1.1	GRANTON JCT...D	8.14	8.19	8.29	8.32
19.9	0.9	FAIRVIEW				
19.0	0.7	RIDGEFIELD			s 8.26	
18.3	0.6	MORSEMERE				
17.7	1.0	PALISADES PARK			s 8.23	
16.7	2.5	LEONIA			s 8.19	
14.2	1.0	ENGLEWOOD...D			s 8.15	
13.2	1.0	HUDSON AVE			s 8.12	
12.2	1.2	TENAFLY...D			s 8.10	
11.0	1.0	CRESSKILL			s 8.07	
10.0	1.0	DEMAREST			s 8.04	
9.0	1.8	CLOSTER...D			s 8.02	
7.2	0.8	NORWOOD			s 7.59	
6.4	2.0	NORTHVALE			s 7.57	
4.4	1.2	SPARKILL...D			s 7.53	
3.2	1.2	PIERMONT			s 7.50	
2.0	1.5	GRAND VIEW			s 7.47	
0.5	0.5	SOUTH NYACK			s 7.44	
..	..	NYACK...L. D			7.42	
			A.M.	A.M.	A.M.	A.M.

Single Track

Will operate Oct. 13,  
Nov. 4 and Feb. 12

Sunday and holiday arrive  
Susquehanna Transfer  
8.25 A.M.

Will operate Oct. 13,  
Nov. 4 and Feb. 12

SPEED RESTRICTIONS

Miles per  
Hour

Passenger trains, Jersey City to Sparkill.....	60
Sparkill to Piermont.....	30
Piermont to Nyack.....	40
Freight trains, Croxton to Sparkill.....	40
Sparkill to Nyack.....	20
Sparkill to Piermont Dock.....	15
Interlocking switches, Croxton.....	20
Tracks 3 and 4, Lundys Lane-Granton Junction.....	15
Interlocking switches, Granton Jct. (Passenger Trains).....	30
(Freight Trains).....	20
Signal 8-1-N to Railroad Ave. Crossing Fairview Westbound..	40
Class K-4, K-5 engines over bridges 8.61 west of Fairview, 12.51 west of Leonia, and 14.83 west of Englewood.....	20
End of double track at Palisades Park.....	30
Reverse curve 800 feet west of Central Avenue, Leonia.....	30
Street crossings, first east and first west of Englewood.....	35
From a point 400 feet east of Clinton Ave., Tenafly to a point 400 feet west of River Edge Road.....	20
East end of double track Closter.....	25
West end of double track Closter, westbound.....	25
East end of double track Sparkill.....	25
Kipp's crossing west of Sparkill—freight trains and light engines stop and flag, passenger trains.....	5
Washington Ave. crossing, South Nyack, eastbound.....	10
Trains hauling wrecking derrick, eight-wheel swivel truck cranes, steam shovels or other similar pivoted machinery	
Jersey City and Sparkill.....	30
Sparkill and Nyack.....	20

EASTWARD — FIRST CLASS — TRAINS (Read Up)

N.Y.S.&W.	N.Y.S.&W.	N.Y.S.&W.	N.Y.S.&W.	N.Y.S.&W.	N.Y.S.&W.	N.Y.S.&W.	N.Y.S.&W.
812	814	816	818	920	820	822	824
Daily Except Sunday and Holiday	Daily	Daily Except Saturday Sunday & Holiday	Daily	Daily Except Saturday Sunday & Holiday	Daily	Daily	Daily
A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	P.M.	P.M.
				11.04			
				10.47			
				10.42			
\$ 8.55	\$ 9.25	\$ 9.55	\$10.25	\$10.37	\$11.25	\$12.25	\$ 1.25
8.52	9.22	9.52	10.22	10.34	11.22	12.22	1.22
Saturdays arrive Susquehanna Transfer 9.04 A. M.							
Will operate Oct. 13, Nov. 4 and Feb. 12		Will operate Oct. 13, Nov. 4 and Feb. 12		Will operate Oct. 13, Nov. 4 and Feb. 12			
A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	P.M.	P.M.

Hours of Crossing Protection

Week Days

Saturdays

Forest Ave., Englewood	{ 6.00 A.M.-9.00 A.M. 2.15 P.M.-7.15 P.M.	.....
Englewood Ave., Englewood	{ 6.00 A.M.-9.00 A.M. 2.15 P.M.-7.15 P.M.	6.00 A.M.-9.00 A.M. 1.01 P.M.-6.00 P.M.
Palisade Ave., Englewood	{ 6.30 A.M.-8.30 A.M. 1.15 P.M.-7.15 P.M.	6.30 A.M.-8.30 A.M. 12.01 P.M.-6.00 P.M.
Hudson Ave., Englewood	{ 6.00 A.M.-9.00 A.M. 2.15 P.M.-7.15 P.M.	.....
Ivy Lane, Englewood	{ 6.00 A.M.-9.00 A.M. 2.15 P.M.-7.15 P.M.	.....
Corneilson Ave., South Nyack	{ 5.45 A.M.-8.00 A.M. 2.15 P.M.-8.00 P.M.	5.45 A.M.-8.00 A.M. 12.30 P.M.-6.15 P.M.
Clinton Ave., Nyack	{ 5.45 A.M.-8.00 A.M. 2.15 P.M.-8.00 P.M.	5.45 A.M.-8.00 A.M. 12.30 P.M.-6.15 P.M.
Brookside Ave., Nyack	{ 5.45 A.M.-8.00 A.M. 2.15 P.M.-8.00 P.M.	5.45 A.M.-8.00 A.M. 12.30 P.M.-6.15 P.M.

On Saturdays, where not protected, trains stop and flag.

On Sundays, holidays and during period crossings not protected, 5 M.P.H. except at Palisade Ave. and Englewood Ave., Englewood, when not protected trains will stop and flag.

Trains switching west of Central Ave. crossing, Leonia, will avoid placing cars east of sign reading "End of Circuit" located 300 ft. west of crossing. When storing train east of crossing, cars will be placed east of sign reading "End of Circuit" located 300 ft. east of crossing. Trains in both directions, except passenger trains making normal station stop, which have been delayed, stopped or switching will not exceed speed of 10 M.P.H. until crossing is reached.

Eastbound freight trains occupying eastward main track west of Main St., Closter, N. J., awaiting departure of westbound trains will not pass sign reading "End of Circuit", located 300 ft. west of Main St., to avoid unnecessary operation of flashers. After switching east or west of this crossing, trains will approach crossing prepared to stop and not proceed until it is known that flashers are operating. Two trains will not occupy the main track and the adjacent track within limits of this crossing at the same time.

EASTWARD — FIRST CLASS — TRAINS (Read Up)

Distance from Nyack	Distance between Stations	No. 44 STATIONS	N.Y.S.&W.	N.Y.S.&W.		N.Y.S.&W.	N.Y.S.&W.
			826	828		830	924
			Daily	Daily		Sat. Sun. and Hol. Only	Daily Ex. Sat. Sun. and Hol.
			P.M.	P.M.		P.M.	P.M.
..	..	NEW YORK Chambers St. (Fy.)...A.					5.02
28.1	2.2	JERSEY CITY...A. N					4.44
25.9	2.7	CROXTON...N					4.39
23.2	0.2	SUSQUEHANNA TRANSFER	s 2.25	s 3.25		s 4.25	s 4.34
23.0	2.0	NORTH BERGEN					
21.0	1.1	GRANTON JCT...D	2.22	3.22		4.22	4.31
19.9	0.9	FAIRVIEW					
19.0	0.7	RIDGEFIELD					
18.3	0.6	MORSEMERE					
17.7	1.0	PALISADES PARK					
16.7	2.5	LEONIA					
14.2	1.0	ENGLEWOOD...D					
13.2	1.0	HUDSON AVE					
12.2	1.2	TENAFLY...D					
11.0	1.0	CRESSKILL					
10.0	1.0	DEMAREST					
9.0	1.8	CLOSTER...D				Will not operate Oct. 13, Nov. 4 and Feb. 12	Will operate Oct. 13, Nov. 4 and Feb. 12
7.2	0.8	NORWOOD					
6.4	2.0	NORTHVALE					
4.4	1.2	SPARKILL...D					
3.2	1.2	PIERMONT					
2.0	1.5	GRAND VIEW					
0.5	0.5	SOUTH NYACK					
..	..	NYACK...L. D					
			P.M.	P.M.		P.M.	P.M.

EASTWARD — FIRST CLASS — TRAINS (Read Up)

Distance from Nyack	Distance between Stations	No. 44 STATIONS	N.Y.S.&W.	N.Y.S.&W.	N.Y.S.&W.	N.Y.S.&W.	N.Y.S.&W.
			832	834	836	838	840
			Daily	Daily Ex. Sat. Sun. and Hol.	Daily	Daily Ex. Sat. Sun. and Hol.	Daily
			P.M.	P.M.	P.M.	P.M.	P.M.
..	..	NEW YORK Chambers St. (Fy.)...A.					
28.1	2.2	JERSEY CITY...A. N					
25.9	2.7	CROXTON...N					
23.2	0.2	SUSQUEHANNA TRANSFER	s 5.25	s 5.55	s 6.25	s 6.55	s 7.25
23.0	2.0	NORTH BERGEN					
21.0	1.1	GRANTON JCT...D	5.22	5.52	6.22	6.52	7.22
19.9	0.9	FAIRVIEW					
19.0	0.7	RIDGEFIELD					
18.3	0.6	MORSEMERE					
17.7	1.0	PALISADES PARK					
16.7	2.5	LEONIA					
14.2	1.0	ENGLEWOOD...D					
13.2	1.0	HUDSON AVE					
12.2	1.2	TENAFLY...D					
11.0	1.0	CRESSKILL					
10.0	1.0	DEMAREST					
9.0	1.8	CLOSTER...D				Will operate Oct. 13, Nov. 4 and Feb. 12	Will operate Oct. 13, Nov. 4 and Feb. 12
7.2	0.8	NORWOOD					
6.4	2.0	NORTHVALE					
4.4	1.2	SPARKILL...D					
3.2	1.2	PIERMONT					
2.0	1.5	GRAND VIEW					
0.5	0.5	SOUTH NYACK					
..	..	NYACK...L. D					
			P.M.	P.M.	P.M.	P.M.	P.M.



## WESTWARD — FIRST CLASS — TRAINS (Read Down)

Distance from Jersey City	Distance between Stations	No. 44 STATIONS	N.Y.S.&W.	N.Y.S.&W.	N.Y.S.&W.	N.Y.S.&W.
			851	907	805	807
			Daily	Daily Except Saturday Sunday & Holiday	Daily Except Saturday Sunday & Holiday	Daily Except Sunday
			A.M.	A.M.	A.M.	A.M.
..	..	NEW YORK Chambers St. (Fy.)...L.		6.15		
..	..	JERSEY CITY.....L. M		6.38		
2.2	2.2	CROXTON.....M		6.48		
4.9	2.7	SUSQUEHANNA TRANSFER.....	12.45	6.47	7.00	7.30
5.1	0.2	NORTH BERGEN.....				
7.1	2.0	GRANTON JCT.....D	12.49	6.50	7.04	7.34
8.2	1.1	FAIRVIEW.....				
9.1	0.9	RIDGEFIELD.....				
9.8	0.7	MORSEMERE.....				
10.4	0.6	PALISADES PARK.....				
11.4	1.0	LEONIA.....				
13.9	2.5	INGLEWOOD.....D				
14.9	1.0	HUDSON AVE.....				
15.9	1.0	TENAFLY.....D				
17.1	1.2	GRESSKILL.....				
18.1	1.0	DEMAREST.....				
19.1	1.0	CLOSTER.....D				
20.9	1.8	NORWOOD.....				
21.7	0.8	NORTHVALE.....				
23.7	2.0	SPARKILL.....D				
24.9	1.2	PIERMONT.....				
26.1	1.2	GRAND VIEW.....				
27.6	1.5	SOUTH NYACK.....				
28.1	0.5	NYACK.....A. D				
			A.M.	A.M.	A.M.	A.M.

Will operate  
Oct. 13,  
Nov. 4,  
and Feb. 12.

Will operate  
Oct. 13,  
Nov. 4,  
and Feb. 12.

Single Track



WESTWARD — FIRST CLASS — TRAINS (Read Down)

Distance from Jersey City	Distance between Stations	No. 44 STATIONS	N.Y.S.&W.	N.Y.S.&W.	N.Y.S.&W.
			915	823	951
			Daily Except Saturday Sunday & Holiday	Daily	Saturday Only
			A.M.	P.M.	P.M.
.. ..		NEW YORK Chambers St. (Fy.) ....L.	11.40		12.10
.. ..		JERSEY CITY .....L. N	11.55		12.50
2.2 2.2		CROXTON.....N	12.00		12.55
4.9 2.7		SUSQUEHANNA TRANSFER		12.30	1.00
5.1 0.2		NORTH BERGEN.....f	12.04		
7.1 2.0		GRANTON JCT.....D	12.07	12.34	1.04
8.2 1.1		FAIRVIEW.....			
9.1 0.9		RIDGEFIELD.....			
9.8 0.7		MORSEMERE.....			
10.4 0.6		PALISADES PARK.....			
11.4 1.0		LEONIA.....			
13.9 2.5		ENGLEWOOD.....D			
14.9 1.0		HUDSON AVE.....			
15.9 1.0		TENAFLY.....D			
17.1 1.2		CRESSKILL.....			
18.1 1.0	Single Track	DEMAREST.....	Will operate Oct. 13, Nov. 4 and Feb. 12		
19.1 1.0		CLOSTER.....D			
20.9 1.8		NORWOOD.....			
21.7 0.8		NORTHVALE.....			
23.7 2.0		SPARKILL.....D			
24.9 1.2	PIERMONT.....				
26.1 1.2	GRAND VIEW.....				
27.6 1.5	SOUTH NYACK.....				
28.1 0.5	NYACK.....A. D				
			P.M.	P.M.	P.M.



WESTWARD — FIRST CLASS — TRAINS (Read Down)

N.Y.S.&W. 825	1183		N.Y.S.&W. 827		N.Y.S.&W. 829	N.Y.S.&W. 831	N.Y.S.&W. 919	
Daily	Saturday Only		Daily		Daily	Daily	Daily Except Saturday Sunday and Hol.	
P.M.	P.M.		P.M.		P.M.	P.M.	P.M.	
	N.B. 1.12						4.40	
	1.27						5.00	
	1.32						5.05	
1.30	s 1.37		2.80		3.80	4.30	s 5.10	
1.34	1.40		2.84		3.84	4.84	5.18	
	s 1.43							
	s 1.46							
	s 1.48							
	s 1.54							
	s 1.58							
	s 2.02							
	s 2.05							
	s 2.08							
	s 2.11							
	s 2.14							
	s 2.16							
	s 2.20							
	s 2.24							
	f 2.28							
	s 2.31							
	2.34							
P.M.	P.M.		P.M.		P.M.	P.M.	P.M.	

Will operate Oct. 13,  
Nov. 4 and Feb. 12

WESTWARD — FIRST CLASS — TRAINS (Read Down)

Distance from Jersey City	Distance between Stations	STATIONS	1101	N.Y.S.&W. 833	1185	N.Y.S.&W. 923	N.Y.S.&W. 927
			Daily Except Saturday Sunday & Holiday P.M.	Daily P.M.	Saturday Only P.M.	Daily Except Saturday Sunday & Holiday P.M.	Daily Except Saturday Sunday & Holiday P.M.
.. ..		NEW YORK Chambers St. (Fy.).....L	N.B. 5.00		N.B. 5.10	N.B. 5.15	N.B. 5.20
.. ..		JERSEY CITY.....L. N	5.15		5.23	5.30	5.35
2.2 2.2		CROXTON.....N	5.20		5.28	5.35	5.40
4.9 2.7		SUSQUEHANNA TRANSFER		5.30		s 5.40	s 5.45
5.1 0.2		NORTH BERGEN					
7.1 2.0		GRANTON JCT.....D	5.27	5.34	5.36	5.43	5.48
8.2 1.1		FAIRVIEW.....					
9.1 0.9		RIDGEFIELD.....s	5.30		s 5.39		
9.8 0.7		MORSEMERE.....					
10.4 0.6		PALISADES PARK.....s	5.34		s 5.42		
11.4 1.0		LEONIA.....s	5.37		s 5.44		
13.9 2.5		ENGLEWOOD.....D	s 5.41		s 5.50		
14.9 1.0		HUDSON AVE.....s	5.44		s 5.55		
15.9 1.0		TENAFLY.....D	s 5.47		s 5.58		
17.1 1.2		CRESSKILL.....s	5.51		s 6.01		
18.1 1.0	Single Track	DEMAREST.....s	5.54		s 6.05		
19.1 1.0		CLOSTER.....D	s 5.57		s 6.08		
20.9 1.8		NORWOOD.....s	6.00		s 6.10		
21.7 0.8		NORTHVALE.....s	6.03		s 6.13		
23.7 2.0		SPARKILL.....D	s 6.07		s 6.16		
24.9 1.2		PIERMONT.....s	6.12		s 6.23		
26.1 1.2		GRAND VIEW.....s	6.16		s 6.26		
27.6 1.5		SOUTH NYACK.....s	6.20		s 6.30		
28.1 0.5		NYACK.....A. D	6.22		6.33		
			P.M.	P.M.	P.M.	P.M.	P.M.

Will operate Oct. 13,  
Nov. 4 and Feb. 12

No. 927 will operate  
Oct. 13, Nov. 4 and  
Feb. 12



WESTWARD — FIRST CLASS — TRAINS (Read Down)

Distance from Jersey City	Distance between Stations	No. 44 STATIONS	N.Y.S.&W.	N.Y.S.&W.	N.Y.S.&W.	N.Y.S.&W.
			843	845	933	847
			Daily	Daily	Daily Ex. Sat. Sun. and Hol.	Saturday Sunday and Hol.
			P.M.	P.M.	P.M.	P.M.
..	..	NEW YORK Chambers St. (Fy.)...L.			N.B.	
..	..	JERSEY CITY...L. N			10.00	
2.2	2.2	CROXTON...N			10.20	
4.9	2.7	SUSQUEHANNA TRANSFER	8.30	9.30	10.25	10.30
5.1	0.2	NORTH BERGEN				
7.1	2.0	GRANTON JCT...D	8.34	9.34	10.33	10.34
8.2	1.1	FAIRVIEW				
9.1	0.9	RIDGEFIELD				
9.8	0.7	MORSEMERE				
10.4	0.6	PALISADES PARK				
11.4	1.0	LEONIA				
13.9	2.5	INGLEWOOD...D				
14.9	1.0	HUDSON AVE.				
15.9	1.0	TENAFLY...D				
17.1	1.2	CRESSKILL				
18.1	1.0	DEMAREST				
19.1	1.0	CLOSTER...D				
20.9	1.8	NORWOOD				
21.7	0.8	NORTHVALE				
23.7	2.0	SPARKILL...D				
24.9	1.2	PIERMONT				
26.1	1.2	GRAND VIEW				
27.6	1.5	SOUTH NYACK				
28.1	0.5	NYACK...A. D				
			P.M.	P.M.	P.M.	P.M.

WESTWARD — FIRST CLASS — TRAINS (Read Down)

Distance from Jersey City	Distance between Stations	No. 44 STATIONS	N.Y.S.&W.			
			849			
			Daily			
			P.M.			
..	..	NEW YORK Chambers St. (Fy.)...L.				
..	..	JERSEY CITY...L. N				
2.2	2.2	CROXTON...N				
4.9	2.7	SUSQUEHANNA TRANSFER	11.45			
5.1	0.2	NORTH BERGEN				
7.1	2.0	GRANTON JCT...D	11.49			
8.2	1.1	FAIRVIEW				
9.1	0.9	RIDGEFIELD				
9.8	0.7	MORSEMERE				
10.4	0.6	PALISADES PARK				
11.4	1.0	LEONIA				
13.9	2.5	INGLEWOOD...D				
14.9	1.0	HUDSON AVE.				
15.9	1.0	TENAFLY...D				
17.1	1.2	CRESSKILL				
18.1	1.0	DEMAREST				
19.1	1.0	CLOSTER...D				
20.9	1.8	NORWOOD				
21.7	0.8	NORTHVALE				
23.7	2.0	SPARKILL...D				
24.9	1.2	PIERMONT				
26.1	1.2	GRAND VIEW				
27.6	1.5	SOUTH NYACK				
28.1	0.5	NYACK...A. D				
			P.M.			

## STATION LIST

For the use of Agents, Conductors and others for reporting movements of  
Trains, Locomotives, and Cars

## NEW YORK DIVISION

Miles from Jersey City, N. J.	Station No
Jersey City, N. J.	0
2 Croxton	2
8 N. J. & N. Y. Junction	8
9 Rutherford	9
9 Rutherford Junction	9800
10 Carlton Hill	10
10 Passaic Park	9801
10 Prospect Street (Passaic)	9802
11 Passaic	11
12 Harrison Street (Passaic)	12
12 Clifton	9803
13 N. J. Flour Co.'s Switch	13
14 Lake View	14
16 Paterson	16
17 River Street (Paterson)	17
18 Hawthorne	18
19 Glen Rock	19
20 Ridgewood Junction	20
21 Ridgewood	21
21 Hobokus	22
22 Nagles Switch	9804
23 Waldwick	23
25 Allendale	25
27 Ramsey	27
28 Ramsey Lbr. Switch	28
28 Ward Switch	9805
29 Mahwah	29
30 West Mahwah	30
31 Suffern, N. Y.	31
32 Hillburn	32
33 Ramapo	33
33 Ramapo Storage	9806
34 Sterlington	34
35 Sloatsburg	35
37 Tuxedo	37
41 Southfields	41
43 Arden	43
45 Newburgh Junction	45
46 Harriman	46
49 Monroe	49
50 Rockland Electric Light Switch	50
51 Oxford	51
53 Greycourt	53
54 Chester	54
59 Goshen	59
63 New Hampton	63
65 Main Street (Middletown)	65
66 Middletown	66
67 Middletown Summit	67
69 Howells Junction—Fish's Switch	69
70 Howells	70
75 Otisville	75
80 Graham Junction	80
87 Port Jervis	87

## NEWARK BRANCH

Miles from Jersey City, N. J.	Station No.
Jersey City, N. J.	0
2 Croxton	2
4 New York, Greenwood Lake Junction	1004
5 Seaboard	1005
7 Harrison	1007
7 Grant Avenue	9808
8 Newark	1008
9 Riverside	1009
9 Woodside	9809
10 Belleville (Cleveland St.)	1010
11 Belleville	1011
12 Nutley (Walnut St.)	1012
13 Nutley	1013
13 Nutley (Franklin Ave.)	9810
14 Allwood	1014
16 Athenia	1016
18 South Paterson	1018
19 Paterson (1019)	16

## WEEHAWKEN BRANCH

Miles from Jersey City, N. J.	Station No.
Jersey City, N. J.	0
3 Weehawken	3004

## BERGEN COUNTY RAILROAD

Miles from Rutherford Junction	Station No.
Rutherford Junction, N. J.	9800
2 Garfield	5011
3 Dundee Junction	5012
4 Plauderville	5013
5 Passaic Junction	5014
6 Coalberg Junction	5015
7 Broadway—Fairlawn	5016
8 Radburn—Fairlawn	5017
9 Glen Rock	5018
10 Ridgewood Junction (5019)	20

## DUNDEE SPUR

Miles from Dundee Junction	Station No.
Dundee Junction	5012
1 Dundee	9014

## PIERMONT BRANCH

Miles from Piermont Dock	Station No.
- Piermont Dock, N. Y.	6025
1 Sparkill	2024
1 Convent Switch	5024
2 Orangeburg	5025
3 Blauvelt	5026
3 Rockland State Hospital	9812
7 Nanuet Crossing	5030
8 Nanuet Junction	5031
9 Smith's Switch	5032
10 Spring Valley	5033
11 Monsey	5034
14 Tallmans	5037
16 New Switch (Suffern)	5039
17 Suffern (5040)	31

## PINE ISLAND BRANCH

Miles from Goshen, N. Y.	Station No.
- Goshen	59
1 Stewart's	4060
2 Houston's	4061
4 Orange Farm	4063
6 Florida	4065
7 Round Hill	4066
8 Big Island	4067
9 Mt. Eve	4068
11 Pine Island Junction	4070
12 Pine Island	4071

## WEST CORNWALL SPUR

Miles from West Cornwall	Station No.
- West Cornwall	1056
2 Valls Gate Junction (1058)	6067

## NEWBURGH BRANCH

Miles from Greycourt	Station No.
- Greycourt, N. Y.	53
3 Craigville	6056
5 Blooming Grove	6058
7 Washingtonville	6060
10 Salisbury Mills	6063
13 Valls Gate	6066
14 Valls Gate Junction	6067
16 New Windsor	6069
17 West Newburgh	6070
19 Newburgh	6072

## MONTGOMERY BRANCH

Miles from Goshen	Station No.
- Goshen	59
2 Klipp's	1061
5 Campbell Hall	1064
5 Campbell Hall Junction	9813
7 Neely Town	1066
9 Beaver Dam	1068
10 Montgomery	1069

## MIDDLETOWN &amp; CRAWFORD BRANCH

Miles from Main St. Middletown	Station No.
- Main Street (Middletown)	65
4 Crawford Junction	5069
6 Circleville	5071
8 Bullville	5073
11 Thompson Ridge	5076
12 Van Keuren's	5077
14 Pine Bush	5079

## N. Y. N. H. &amp; H. TRACKAGE

Miles from Campbell Hall	Station No.
- Campbell Hall Junction	9813
4 Maybrook	3067

## GRAHAM LINE

Miles from Newburgh Junction	Station No.
- Newburgh Junction	45
1 Harriman's Switch	2046
3 Central Valley	2048
4 Highland Mills	2049
9 BS Tower	2054
11 Moodna Creek	2056
15 Clarks Sliding	2060
20 Campbell Hall	2065
21 MQ Tower	2066
26 Red Onion Switch	2071
31 Howells Junction	2076
37 Otisville	2082
42 Graham Junction (2087)	80

## NORTHERN BRANCH

Miles from Jersey City	Station No.
- Jersey City, N. J.	0
2 Croxton	2
3 Lundy's Lane	2003
5 North Bergen	2005
6 New Durham	2006
7 Granton Junction	2007
8 Fairview	2008
9 Ridgefield	2009
10 Morsemere	2010
11 Palisades Park	2011
12 Leonia	2012
13 Englewood (Sheffield Ave.)	2013
14 Englewood	2014
15 Englewood (Hudson Ave.)	2015

## NORTHERN BRANCH—Continued

Miles from Jersey City, N. J.	Station	No.
16	Tenafly	016
17	Cresskill	017
18	Demarest	2018
19	Closter	2019
21	Norwood	2021
22	Northvale	2022
23	Tappan, N. Y.	2023
24	Sparkill	2024
25	Piermont	2025
26	Grand View	2026
27	South Nyack	2027
28	Nyack	2028

## GREENWOOD LAKE DIVISION

Miles from Jersey City, N. J.	Station	No.
-	Jersey City, N. J.	0
2	Croton	2
4	New York Greenwood Lake Junction	1004
7	Arlington	3007
7	West Arlington	9814
8	North Newark	3008
9	Forest Hill	3009
9	Soho	9815
9	Belwood Park	9816
9	Orchard Street	9817
10	Bloomfield (Walnut St.)	3010
11	Glen Ridge	3011
12	Montclair	3012
13	Watchung Avenue (Montclair)	3013
14	Upper Montclair	3014
14	Mountain Avenue	9818
15	Montclair Heights	3015
16	Consolidated Stone Co.	3016
17	Great Notch	3017
18	Little Falls	3018
19	Singac	3019
22	Mountain View	3022
23	Wayne	3023
24	Pequannock	3024
25	Pompton Plains	3025
27	Riverdale	3027
27	Pompton	9819
28	Pompton Junction	3028
30	Haskells	3030
31	Wanaque-Midvale	3031

## ORANGE BRANCH

Miles from Forest Hill	Station	No.
-	Forest Hill	3009
1	Silver Lake	6010
1	Bloomfield	9820
2	Watsessing Junction	6011
2	Pieron's Siding, East Orange	9821
2	Brighton Avenue	9822
3	Orange	6012
3	Edison Switch	9823
3	Llewellyn	9824
4	Og Siding, West Orange	6017

## CALDWELL BRANCH

Miles from Great Notch	Station	No.
-	Great Notch	3017
1	Cedar Grove	6018
2	Overbrook	6019
3	Asylum Switch	6020
3	Verona	9825
4	Caldwell	6021
5	Essex Falls	6022

## NEW JERSEY &amp; NEW YORK RAILROAD

Miles from Jersey City, N. J.	Station	No.
-	Jersey City, N. J.	0
2	Croton	2
8	N. J. & N. Y. Junction	8
9	Carlstadt	4009
10	Wood Ridge	4010
11	Hasbrouck Heights	4011
12	Hasbrouck Heights (Williams Ave.)	4012
12	Hackensack (Essex Street)	9827
13	Hackensack (Central Avenue)	4013
14	Hackensack (Anderson Street)	4014
14	Hackensack (Fairmount Avenue)	9828
15	North Hackensack	4015
16	River Edge	4016
17	New Millford	4017
18	Oradell	4018
19	Emerson	4019
20	Westwood	4020
21	Hillsdale	4021
22	Hillsdale Manor	4022
23	Woodcliff Lake	4023
24	Park Ridge	4024
25	Montvale	4025
26	Pearl River, N. Y.	4026
28	Nanuet	4028
28	Nanuet Junction	(4028)
29	Smith's Switch	(4029)
30	Spring Valley	(4030)
33	New Hempstead	4033
34	Summitt Park	4034
35	Pomona	4035
36	Mount Ivy	4036
37	Letchworth Village	4037
38	Thiells	4038

## I N D E X

### *Pages*

- 1- 9. Special instructions.
  - 10-13. Speed Restrictions.
  - 14-16. General Instructions.
  - 16-22. Special Instructions.
  - 22-24. Telephones.
  - 25-29. Automatic Electric Crossing Gate Instructions.
  - 30-31. Automatic Train Stop Instructions.
  - 32-43. New York Division Eastward Trains.
  - 44-55. New York Division Westward Trains.
  - 56-59. Bergen County Railroad Trains.
  - 60-61. Newark Branch Trains.
  - 62. Newburgh Branch and Graham Line.
  - 63. Middletown and Crawford, Pine Island and Montgomery Branches.
  - 64-69. Greenwood Lake Division Eastward Trains.
  - 70-75. Greenwood Lake Division Westward Trains.
  - 76-77. Orange Branch Trains.
  - 78-79. Caldwell Branch Trains.
  - 80-81. N. J. and N. Y. Railroad Eastward Trains.
  - 82-83. N. J. and N. Y. Railroad Westward Trains.
  - 84-85. Piermont Branch Trains.
  - 86-91. Northern Branch Eastward Trains.
  - 92-98. Northern Branch Westward Trains.
  - 99-101. Station Number List.
- Front Cover Trains Stop for Employees, Surgeons and Speed Table.



## Assistant Superintendents

G. F. RAYMUS

J. D. Mc FADDEN

## Train Masters

H. A. RHOADS

D. M. RANEY

J. W. CONWAY

J. T. CORBETT

W. E. SMITH

## Road Foremen of Engines

W. J. KLINK

L. E. ISHAM

G. T. SHEETS

W. F. HEDDEN

## Chief Train Dispatcher

F. W. DANA

## Assistant Chief Train Dispatchers

C. FULTON

G. G. VERHOEST

R. C. APPELD

C. HANSEN