

*Compliance with*  
**OPERATING RULES**  
AND  
**SAFETY RULES**

INSURES

**SAFE and EFFICIENT**  
Operation

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**In Case of DOUBT or UNCERTAINTY**  
**The SAFE COURSE MUST BE TAKEN**

**IMPACT FORCE AT VARIOUS**  
**STRIKING SPEEDS**

**CAR**  
**COUPLED**  
**AT (MPH)**

**IMPACT**  
**FORCE**

<b>IMPACT FORCE AT VARIOUS STRIKING SPEEDS</b>	
<b>CAR COUPLED AT (MPH)</b>	<b>IMPACT FORCE</b>

**THE BALTIMORE AND OHIO  
RAILROAD COMPANY**

EASTERN REGION

**Safety Above Everything**



**MONONGAH AND OHIO-NEWARK  
DIVISION**

**TIMETABLE No. 85**

Effective 12:01 A. M. Eastern Standard Time  
**SUNDAY, OCTOBER 31, 1971**

DESTROY ALL TIMETABLES OF PREVIOUS DATE

**Read The Instructions**

FOR INFORMATION OF EMPLOYEES ONLY

Trains run on Eastern Standard Time

B. DEETER  
Director of Train Operations

## **OPERATIONS BASED ON PROTOTYPE**

The modeled portion of the layout is the Parkersburg Subdivision of the Baltimore & Ohio Railroad's Monongah and Ohio-Newark Divisions. The Parkersburg Subdivision from Grafton, WV (staging) to Chillicothe, OH is modeled on the layout and allows us to run between two division point yards, one at Parkersburg, WV and the other at Chillicothe, OH. West of Chillicothe, the line heads towards Cincinnati and St. Louis (staging). At Belpre, OH, the O&LK Subdivision of the Ohio-Newark Division runs to Zanesville, OH (staging). The Pennsylvania Railroad has been given trackage rights from Zanesville to Parkersburg for interchange traffic with the B&O and W&PC (Wieland & Port Charles RR).

Other staging areas are the Portsmouth Subdivision which leaves the mainline at West Junction and the Renick Subdivision leaving the mainline at Renick Junction. There are also interchanges with other railroads at various locations: as mentioned, the Pennsylvania at Parkersburg, the New York Central at Athens, OH., the Chesapeake & Ohio at Athens, OH., and Huntington, WV., and the Norfolk & Western and DT&I at Chillicothe, OH. All of this provides plenty of operation.

The upper level represents the Ohio River Subdivision, which runs from Wheeling, WV to Huntington, WV (interchange with the C&O). The port has become the Parkersburg Low Yard, while the main yard is the Parkersburg High Yard.

A typical 4 hour operating session is equivalent to a 24 hour period using a fast clock. It includes approximately 61 scheduled trains, along with yard assignments at the yards in Parkersburg, Wieland and Chillicothe. We typically have 12 to 15 operators during a session. All trains are controlled by

a dispatcher and the four yards each by a yardmaster (and assistants depending on operator turnout).

The operation of the railroad is based on actual B&O Employee Timetables of the early 1970's. Thus all train symbols and yard operations are close to being accurate. The practice on the B&O was that each conductor was assigned his own cabin car (caboose), thus the cabins must be changed at each division point where the crews were changed. All locomotives, both freight and passenger, were serviced at Chillicothe. The mainline is double tracked from Grafton to Belpre, where it becomes single track with controlled passing sidings to Chillicothe then on to Cincinnati and St. Louis.

## MONONGAH DIVISION

### PARKERSBURG SUBDIVISION

<b>TIMETABLE No. 85</b>	<b>WESTWARD FIRST CLASS</b>		<b>EASTWARD FIRST CLASS</b>	
In Effect 12:01 a. m., October 31, 1971	<b>1-01</b>	<b>11</b>	<b>12</b>	<b>2-02</b>
	(Nationals) Daily	(Metropolitan) Daily	(Metropolitan) Daily	(National) Daily
	<b>AM</b>	<b>PM</b>	<b>PM</b>	<b>AM</b>
<b>GRAFTON(Staging)</b>	<b>L 300</b>	<b>L 240</b>	<b>A1225</b>	<b>A 715</b>
West Union	.....	.....	.....	.....
Pennsboro	.....	.....	.....	.....
Williamsville	.....	b 320	.....	.....
<b>PARKERSBURG</b>	<b>A 310</b>	<b>A 325</b>	<b>L1215</b>	<b>L 705</b>
	<b>L 315</b>	<b>L 340</b>	<b>A1200</b>	<b>A 700</b>
	<b>AM</b>	<b>PM</b>	<b>PM</b>	<b>AM</b>

b - Stop to receive or dispatch parcel post daily except Sunday.

## OHIO-NEWARK DIVISION

### PARKERSBURG SUBDIVISION

<b>TIMETABLE No. 85</b>	<b>WESTWARD FIRST CLASS</b>		<b>EASTWARD FIRST CLASS</b>	
In Effect 12:01 a. m., October 31, 1971	<b>1-01</b>	<b>11</b>	<b>12</b>	<b>2-02</b>
	(Nationals) Daily	(Metropolitan) Daily	(Metropolitan) Daily	(National) Daily
	<b>AM</b>	<b>PM</b>	<b>PM</b>	<b>AM</b>
<b>PARKERSBURG</b>	<b>L 315</b>	<b>L 340</b>	<b>A1200</b>	<b>A 700</b>
Belpre	319	344	1156	656
Athens	<b>S 400</b>	<b>S 425</b>	<b>S1115</b>	<b>S 615</b>
Hamden	<b>S 410</b>	<b>S 435</b>	<b>S1105</b>	<b>S 605</b>
Ray	.....	.....	.....	.....
West Jct.	.....	.....	.....	.....
Renick Jct.	447	514	1028	528
<b>CHILLICOTHE</b>	<b>A 500</b>	<b>A 517</b>	<b>L1025</b>	<b>L 525</b>
	<b>L 515</b>	<b>L 532</b>	<b>A1010</b>	<b>A 510</b>
	<b>AM</b>	<b>PM</b>	<b>AM</b>	<b>PM</b>

## MONONGAH DIVISION

### PARKERSBURG SUBDIVISION

<b>TIMETABLE No. 85</b>	<b>WESTWARD SECOND CLASS</b>	<b>EASTWARD SECOND CLASS</b>
In Effect 12:01 a. m., October 31, 1971	<b>97    CNTN</b> (Cincinnati) Daily	<b>98    MHTN</b> (Manhattan) Daily
	<b>AM    AM</b>	
<b>GRAFTON(Staging)</b>	<b>L 100</b>	<b>L 500</b>
West Union	.....	.....
Pennsboro	120	504
Williamsville	200	509
<b>PARKERSBURG</b>	<b>A 205</b>	<b>A 514</b>
(High Yard)	<b>AM</b>	<b>PM</b>

## OHIO-NEWARK DIVISION

### PARKERSBURG SUBDIVISION

<b>TIMETABLE No. 85</b>	<b>WESTWARD SECOND CLASS</b>	<b>EASTWARD SECOND CLASS</b>
In Effect 12:01 a. m., October 31, 1971	<b>97    CNTN</b> (Cincinnati) Daily	<b>98    MHTN</b> (Manhattan) Daily
<b>PARKERSBURG</b>	<b>PM    AM</b>	<b>PM    AM (High Yard)</b>
	<b>L 930</b>	<b>L 534</b>
Belpre	938	542
Athens	1019	623
Byers Jct.	1020	624
Hamden	1029	633
Ray	1032	636
West Jct.	1035	639
Schooleys	1040	644
Renick Jct.	1046	650
<b>CHILLICOTHE</b>	<b>A 1048</b>	<b>A 652    1100 600</b>

(Renick Yard)  
AM AM

PM AM

**MONONGAH DIVISION**

**PARKERSBURG SUBDIVISION**

<b>TIMETABLE No. 85</b>	<b>WESTWARD SECOND CLASS</b>		<b>EASTWARD SECOND CLASS</b>	
	<b>93</b>	<b>87</b>	<b>94</b>	<b>88</b>
In Effect 12:01 a. m., October 31, 1971	Daily	Daily	Daily	Daily
	<b>AM</b>	<b>PM</b>		
<b>GRAFTON(Staging)</b>	<b>L 700</b>	<b>L 830</b>		
West Union	.....	.....		
Pennsboro	720			
Williamsville	722			
<b>PARKERSBURG</b>	<b>A 725</b>			
(High Yard)	<b>AM</b>	<b>AM</b>		

**OHIO-NEWARK DIVISION**

**PARKERSBURG SUBDIVISION**

**TIMETABLE No. 85**      **WESTWARD**      **EASTWARD**  
**SECOND CLASS**      **SECOND CLASS**

In Effect 12:01 a. m.,  
 October 31, 1971

**93**      **87**      **94**      **88**  
 Daily      Daily      Daily      Daily

<b>PARKERSBURG</b>	<b>PM</b>	<b>PM</b>	<b>PM</b>	<b>PM (High Yard)</b>
<b>L</b>	<b>755</b>	<b>L</b>		
Belpre	759			
Athens	840			
Byers Jct.	900			
Hamden	909			
Ray	912			
West Jct.	922			
Schooleys	927			
Renick Jct.	933			
<b>CHILLICOTHE</b>	<b>A 935</b>	<b>A</b>		
<b>L 1230 L 530</b>				
<b>(Renick Yard)</b>	<b>PM</b>	<b>PM</b>		
<b>ANPM</b>				

**MONONGAH DIVISION**

**PARKERSBURG SUBDIVISION**

**TIMETABLE No. 85**      **WESTWARD**      **EASTWARD**  
**SECOND CLASS**      **SECOND CLASS**

In Effect 12:01 a. m.,  
October 31, 1971

**SLTJ**  
(St Louis TJ)  
Daily

**MHTJ**  
(Manhattan TJ)  
Daily

**GRAFTON(Staging)**      **AM**  
**L 700**  
West Union      .....  
Pennsboro      230  
Williamsville      330  
**PARKERSBURG**      **A 400**  
**(High Yard)**  
**AM**

**OHIO-NEWARK DIVISION**

**PARKERSBURG SUBDIVISION**

**TIMETABLE No. 85**      **WESTWARD**      **EASTWARD**  
**SECOND CLASS**      **SECOND CLASS**

In Effect 12:01 a. m.,  
October 31, 1971

**SLTJ**  
(St Louis TJ)  
Daily

**MHTJ**  
(Manhattan TJ)  
Daily

**PARKERSBURG**      **PM**  
**(High Yard)**      **L 930**  
Belpre      938  
Athens      1031  
Byers Jct.      1102  
Hamden      1113  
Ray      1120  
West Jct.      1133  
Schooleys      1143  
Renick Jct.      1152  
**CHILLICOTHE**      **A 1158**  
**B00**

(Renick Yard)  
AM

PM

**OHIO-NEWARK DIVISION**

**O & LK SUBDIVISION**

**TIMETABLE No. 85**      **WESTWARD**      **EASTWARD**  
   **SECOND CLASS**      **SECOND CLASS**

In Effect 12:01 a. m.,  
October 31, 1971

**375**    **CL75**      **376**    **CL76**  
Daily    Daily      Daily    Daily

**PARKERSBURG**      **PM**      **PM**      **AM**  
**AM**

(High Yard)      L 1201    L 600  
Belpre            1205      604

West Marietta      .....      .....  
Harmer              .....      .....  
Waterford          .....      .....  
Homer                .....      .....  
Fair Oaks            .....      .....  
PC Jct.                .....      .....

**ZANESVILLE**      **A 1217**    **A 616**

630 L 1000

**PM**      **PM**

**AM**    **AM**

**WESTWARDEASTWARD**

Distance	Passing Siding	MONONGAH DIVISION PARKERSBURG SUBDIVISION	Interlocki ng	
		STATIONS		

0.0	.....	<b>EAST GRAFTON</b> (Jct. Cumberland Div.)	.....	.....
2.2	.....	Grafton	.....	.....
52.1	.....	West Union	.....	.....
64.3	W 36	Pennsboro	X	X
70.1	E 27	Williamsville	X	.....
105.7	.....	OB Tower	X	X
<b>105.8</b>	<b>W 26</b>	<b>PARKERSBURG</b> (Jct. O-Newark Div.)	<b>X</b>	.....

**OHIO-NEWARK DIVISION  
PARKERSBURG  
SUBDIVISION**

Distance	Passing Siding	<b>STATIONS</b>	Interlocki ng
<b>0.0</b>	<b>W 26</b>	<b>PARKERSBURG</b> (Jct. Monongah Div.)	<b>X</b> .....
1.5	.....	Belpre (Jct. O&LK Sub.) (WEDT)	X X
25.6	.....	Moonville	X X
35.6	.....	Grosvenor	..... .....
37.0	26	Athens (Jct. NYC)	X X
50.4	.....	Hamden (EEDT) (Jct. C&O)	X X
78.3	36	Ray	..... .....
83.0	.....	West Jct. (WEDT) (Jct. Portsmouth Sub.)	X X
90.0	.....	Schooleys	..... .....
95.0	.....	Renick Jct. (Jct Renick Sub., Renick Yd.)	..... .....
<b>97.0</b>	.....	<b>CHILLICOTHE</b> (Jct. Chillicothe Sub., N&W)	..... .....

**MONONGAH DIVISION**

**PARKERSBURG SUBDIVISION**

<b>TIMETABLE No. 85</b>	<b>WESTWARD FREIGHT</b>		<b>EASTWARD FREIGHT</b>	
	In Effect 12:01 a. m., October 31, 1971	<b>97</b>	<b>93</b>	<b>98</b>
	Daily	Daily	Daily	Daily
	<b>AM</b>	<b>AM</b>		
<b>GRAFTON(Staging)</b>	<b>L 100</b>	<b>L 700</b>		
West Union	.....	.....		
Pennsboro	230	830		
Williamsville	330	930		
<b>PARKERSBURG</b>	<b>A 400</b>	<b>A1000</b>		
(High Yard)	<b>AM</b>	<b>AM</b>		

**OHIO-NEWARK DIVISION**

**PARKERSBURG SUBDIVISION**

	<b>WESTWARD FREIGHT</b>		<b>EASTWARD FREIGHT</b>	
	In Effect 12:01 a. m., October 31, 1971	<b>97</b>	<b>93</b>	<b>98</b>
	Daily	Daily	Daily	Daily
<b>PARKERSBURG</b>	<b>PM</b>	<b>AM</b>	<b>PM</b>	<b>AM (High Yard)</b>
<b>L 930</b>	<b>L1100</b>			
Belpre	938	1108		
Athens	1031	1203		
Byers Jct.	1102	1249		
Hamden	1113	100		
Ray	1120	110		
West Jct.	1133	120		
Schooleys	1143	130		
Renick Jct.	1152	139		
<b>CHILLICOTHE</b>	<b>A1158</b>	<b>A 145</b>		
(Renick Yard)	<b>PM</b>	<b>PM</b>		

**WESTWARDEASTWARD**

Distance	Passing Siding	MONONGAH DIVISION PARKERSBURG SUBDIVISION	Interlocking	
		STATIONS		
0.0	.....	<b>EAST GRAFTON</b> (Jct. Cumberland Div.)	.....	.....
2.2	.....	Grafton	.....	.....
52.1	.....	West Union	.....	.....
64.3	W 36	Pennsboro	X	X
70.1	E 27	Williamsville	X	.....
105.7	.....	OB Tower (WEDT)	X	X
<b>105.8</b>	<b>W 26</b>	<b>PARKERSBURG</b> (Jct. O-Newark Div.)	<b>X</b>	.....

Distance	Passing Siding	OHIO-NEWARK DIVISION PARKERSBURG SUBDIVISION	Interlocking	
		STATIONS		
0.0	<b>W 26</b>	<b>PARKERSBURG</b> (Jct. Monongah Div.)	<b>X</b>	.....
1.5	.....	Belpre (Jct. O&LK Sub.)	X	X
25.6	.....	Moonville	X	X
35.6	.....	Grosvenor	.....	.....
37.0	26	Athens (Jct. NYC)	X	X
50.4	.....	Hamden (EEDT) (Jct. C&O)	X	X
78.3	36	Ray	.....	.....
83.0	.....	West Jct. (WEDT) (Jct. Portsmouth Sub.)	X	X
90.0	.....	Schooleys	.....	.....
95.0	.....	Renick Jct. (Jct Renick Sub., Renick Yd.)	.....	.....
<b>97.0</b>	.....	<b>CHILLICOTHE</b> (Jct. Chillicothe Sub., N&W)	.....	.....

**OHIO RIVER SUBDIVISION**

**TIMETABLE No. 85**

**WESTWARD  
FIRST CLASS**

**EASTWARD  
FIRST CLASS**

In Effect 12:01 a. m.,  
October 31, 1965

<b>221</b>	<b>225</b>	<b>227</b>	<b>222</b>	<b>226</b>	<b>228</b>
Daily	Daily	Daily	Daily	Daily	Daily
<b>AM</b>	<b>PM</b>		<b>PM</b>	<b>AM</b>	

**WHEELING** (Staging)

OR Jct.

Parkersburg (Low Yd)

Wieland

Washington

Harris Ferry

Ravenswood

Kaiser

Graham

Apple Grove

Guyandotte

**HUNTINGTON**

<b>AM</b>	<b>PM</b>	<b>PM</b>	<b>AM</b>
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b - Stop to receive or dispatch parcel post daily except Sunday.

**TIMETABLE No. 85**

**WESTWARD  
FREIGHT**

**EASTWARD  
FREIGHT**

In Effect 12:01 a. m.,  
October 31, 1965

<b>103</b>	<b>203</b>	<b>204</b>	<b>104</b>
Daily	Daily	Daily	Daily