

CHICAGO, MILWAUKEE, ST. PAUL
AND PACIFIC RAILROAD CO.

LACROSSE & RIVER
DIVISION

First District

TIME
TABLE
No. 28

Taking effect at 12:01 A. M.
Central Standard Time

Sunday, January 14, 1951

For the government and information
of employees only

L. W. PALMQUIST
Superintendent.

J. L. BROWN,
General Superintendent of Transportation.

J. J. O'TOOLE,
Assistant General Manager.

W. J. WHALEN,
General Manager.

TABLE OF TRAIN SPEEDS

Seconds Per Mile	Miles Per Hour	Seconds Per Mile	Miles Per Hour
36	100	59	61
37.9	95	60	60
40	90	61	59
42.4	85	62	58.1
45	80	63	57.1
46	78.3	64	56.3
47	76.6	65	55.4
48	75	66	54.5
49	73.5	67	53.7
50	72	68	52.9
51	70.6	69	52.2
52	69.2	70	51.4
53	67.9	75	48
54	66.7	80	45
55	65.5	85	42.4
56	64.3	90	40
57	63.2	100	36
58	62.1	120	30

FIRST SUBDIVISION—WESTWARD

TIME TABLE
No. 28
January 14, 1951
STATIONS

Distance from Milwaukee	Telegraph calls	Capacity in cars	SEE RULE	Office hours	FIRST CLASS			
					6-A	Also see page 14	1	55
					BCHJKPRT VWXZ	Continuous	Passenger	Passenger
MUSKEGO YARD	WH	Yard	BKOPRTWX	Continuous			Daily	Daily
MILWAUKEE	MQ	Yard	BCJKPTWX	No office				Daily Except Sun.
2.0			IJPX	Continuous				
CUT OFF	2.0	Yard	P	7.00AM to 4.00PM Except Sat. & Sun.			3.33	7.41
1.2			IJP	7.00AM to 4.00PM Except Sat. & Sun.			3.36	s 7.45
GRAND AVENUE	3.2	Yard	JPRW	7.00AM to 11.00PM			3.41	11.58
2.2			IP	Continuous			1.14	7.55
WAUWATOSA	5.4	Yard	P	7.00AM to 4.00PM Except Sat. & Sun.			3.47	12.11PM
4.5	W	77	IJP	7.15AM to 4.15PM Except Sat. & Sun.				
ELM GROVE	9.9	15	JPRW	6.45AM to 3.45PM Except Sat. & Sun.				
4.3	KS		IP	7.00AM to 4.00PM Except Sat. & Sun.			1.16	7.57
BROOKFIELD	14.2	Yard	P	7.15AM to 4.15PM Except Sat. & Sun.				
(M. ST. P. & S. S. M. CROSS.)			PZ	6.45AM to 3.45PM Except Sat. & Sun.				
DUPLAINVILLE	2.7		P	7.00AM to 4.00PM Except Sat. & Sun.				
3.4	16.9	WC	P	7.00AM to 4.00PM Except Sat. & Sun.				
PEWAUKEE	20.3	126	PZ	7.15AM to 4.15PM Except Sat. & Sun.				
4.6	FE		P	6.45AM to 3.45PM Except Sat. & Sun.				
HARTLAND	24.9	D	P	7.00AM to 4.00PM Except Sat. & Sun.			1.22	8.08
2.7	E 64 W70	95	P	7.15AM to 4.15PM Except Sat. & Sun.				12.20
NASHOTAH	27.6	F	P	6.45AM to 3.45PM Except Sat. & Sun.				
2.2		10	P	7.00AM to 4.00PM Except Sat. & Sun.				
OKAUCHEE	29.8	OH	P	7.15AM to 4.15PM Except Sat. & Sun.				
3.0		5	P	6.45AM to 3.45PM Except Sat. & Sun.				
OCONOMOWOC	32.8	ON	P	7.00AM to 4.00PM Except Sat. & Sun.				
5.7	E 52 W59	Yard	PW	7.15AM to 4.15PM Except Sat. & Sun.				
IXONIA	38.5	XN	P	6.45AM to 3.45PM Except Sat. & Sun.				
7.5		32	P	7.00AM to 4.00PM Except Sat. & Sun.				
WATERTOWN	46.0	WR	BCHJKPDRV WXYZ	Continuous			1.36	4.29
(C. & N. W. CROSSING)	1.8	E 111	Ward					s 8.24
VOLTZ	47.8	W123	I	No office				12.33
2.5			I	No office				
RICHWOOD	50.3			No office				
5.3		10		5.21				
REESEVILLE	55.6	WD	P	6.30AM to 3.30PM Except Sat. & Sun.			1.52	s 5.29
5.3		74	P	7.30AM to 4.30PM Except Sat. & Sun.				12.53
ASTICO	60.9	BE	P	10.45AM to 6.45PM 12.45AM to 8.45AM				
3.8		69	P	8.00AM to 5.00PM Except Sat. & Sun.				
COLUMBUS	64.7	BU	P	6.00AM to 3.00PM Except Sat. & Sun.				
3.6	E 93 W93	Yard	HPW	No office				
FALL RIVER	68.3	MD	P	8.00AM to 5.00PM Except Sat. & Sun.				
5.8		37	P	6.00AM to 3.00PM Except Sat. & Sun.				
DOYLESTOWN	74.1	RA	P	No office				
3.4		24	HPW	8.00AM to 5.00PM Except Sat. & Sun.				
EAST RIO	77.5	E 117 W69	P	6.30AM to 3.30PM Except Sat. & Sun.				
1.4			P	8.00AM to 5.00PM Except Sat. & Sun.				
RIO	78.9	RC	P	6.30AM to 3.30PM Except Sat. & Sun.				
5.0		51	IJX	No office				
WYOCENA	83.9	WY	P	8.00AM to 5.00PM Except Sat. & Sun.				
7.8		36						
(CANAL DRAWBRIDGE)	91.7							
PORTAGE JCT.	1.2							
PORTAGE	92.9	G	BCKPRTWXZ	Continuous			As 2.27AM	As 6.43AM
		Yard						As 1.30PM

Nos. 5, 15, and 101 must not exceed maximum speed of 100 miles per hour. Maximum speed for Class A oil burning engines on Hiawatha trains 100 miles per hour. Other passenger trains must not exceed maximum speed of 90 miles per hour. Maximum speed for F-5 and F-6 engines is 75 miles per hour, S-2 and S-3 engines 70 miles per hour.

No. 5 register at Portage by Register Ticket.

Automatic Cab Signal system is in use between Portage and Brookfield.

Double track is in use between Milwaukee and Portage via Wauwatosa.

Single track is in use between Elm Grove and Air Line Yard via West Allis.

Automatic Block System is in use between Milwaukee and Portage and between Elm Grove and 600 feet west of west switch Soldiers' Home Yard, Milwaukee via West Allis. The east limit of the automatic block system at Milwaukee is at Sixth Street Viaduct approximately 1300 feet west of the passenger station.

Rules 251, 253 and 254 are in effect on eastward and westward tracks between Grand Avenue and Milwaukee for movements with the current of traffic.

Brookfield is a register station for No's. 307, 363, 393, 308, 368 and 394 only.

Watertown is a register station only for trains starting or terminating at that station and such trains may register by register ticket when not displaying signals for a following section.

FIRST SUBDIVISION—WESTWARD

3

TIME TABLE

No. 28

January 14, 1951

STATIONS

MUSKEGO YARD

MILWAUKEE

2.0

FIRST CLASS										
101	29	47	15	23	307	111	27	57	17	
Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger
Daily	Daily Except Saturday & Sun.	Saturday Only	Daily	Daily Except Sunday	Daily	Daily	Sunday only	Daily	Daily	Daily
MILWAUKEE	L 2.15PM	L 2.18PM	L 2.18PM	L 4.45PM	L 5.30PM	L 5.35PM	L 7.55PM	L 9.15PM	L 10.40PM	L 11.40PM
CUT OFF										
1.2										
GRAND AVENUE					5.37	5.41	8.01	9.22	10.46	11.47
2.2										
WAUWATOSA	2.21	2.26	t 2.28	4.53	s 5.41	s 5.45	t 8.04	s 9.27	10.50	11.51
4.5										
ELM GROVE					s 5.48	5.52	8.08	9.34	10.55	11.57
4.3										
BROOKFIELD	2.32			5.02	s 5.57	As 6.00PM	8.13	9.41	11.01	12.02AM
(M. ST. P. & S. S. M. CROSS.)										
DUPLAINVILLE	3.4				t 6.01		8.16	9.44	11.04	12.05
PEWAUKEE		2.40	t 2.43		s 6.07		8.20	s 9.49		
4.6										
HARTLAND	2.40	2.44	t 2.49	5.10	s 6.17		8.25	9.54	11.10	
2.7										
NASHOTAH		2.46	t 2.53		s 6.22		8.28	9.57		12.14
2.2										
OKAUCHEE			t 2.56		s 6.26		8.30	10.00		
3.0										
OCONOMOWOC	2.45	s 2.52	s 3.02	5.16	s 6.36		s 8.33	s 10.05	11.17	12.22
5.7										
IXONIA		2.58	3.08		s 6.43		8.40	10.12		12.29
7.5										
WATERTOWN	(C. & N. W. CROSSING)	2.55	As 3.04PM	As 3.15PM	5.25	As 6.55PM		As 8.48PM	As 10.20PM	11.29
1.8					263 5.26					s 12.38
VOLTZ										
2.5										
RICHWOOD										
5.3										
REESEVILLE		3.03			5.33				11.39	12.51
5.3										
ASTICO										
3.8										
COLUMBUS		3.09			5.41				11.47	s 1.00
3.6										
FALL RIVER										
5.8										
DOYLESTOWN										
3.4										
EAST RIO		3.19			5.51				11.58	1.20
1.4										
RIO										
5.0										
WYOCENA	7.8	3.23			5.55				12.03AM	1.25
(CANAL DRAWBRIDGE)										
PORTAGE JCT.	1.2									
PORTAGE		As 3.32PM			As 6.05PM				As 12.15AM	As 1.36AM

Nos. 5, 15, and 101 must not exceed maximum speed of 100 miles per hour. Maximum speed for Class A oil burning engines on Hiawatha trains 100 miles per hour. Other passenger trains must not exceed maximum speed of 90 miles per hour. Maximum speed for F-5 and F-6 engines is 75 miles per hour, S-2 and S-3 engines 70 miles per hour.

Nos. 101 and 15 register at Portage by Register Ticket.

Nos. 47 stops at Pewaukee, Hartland, Nashotah and Okauchee to let off revenue passengers from Milwaukee and beyond.

No. 111 Sunday only stop at Wauwatosa to pick up revenue passengers for Madison and beyond.

No. 57 does not carry passengers.

FIRST SUBDIVISION—WESTWARD

TIME TABLE

No. 28

January 14, 1951

STATIONS

STATIONS	SECOND CLASS						THIRD CLASS		
	69	63	95	83	263	363	393		
	Time Freight Daily Except Monday	Time Freight Daily	Freight Daily Except Sunday	Time Freight Daily	Time Freight Daily	Time Freight Daily Except Sunday	Way Freight Daily Except Sunday		
MUSKEGO YARD	L 1.10AM	L 3.30AM	L 9.35AM	L 12.15PM	L 4.00PM	L 8.20PM	L 6.30AM		
MILWAUKEE 2.0									
CUT OFF 1.2	1.15	3.35	9.40	12.20	4.05	8.35	6.40		
GRAND AVENUE 2.2	1.20	3.39	9.45	12.24	4.09	8.39	6.46		
WAUWATOSA 4.5	1.25	3.42	9.55	12.27	4.12	8.46	6.55		
ELM GROVE 4.3	1.35	3.50	10.05	12.35	4.19	9.00	7.06		
BROOKFIELD 2.7	1.50	4.00	10.20	12.45	4.29	A 9.25PM	A 7.20AM		
(M. ST. P. & S. S. M. CROSS.) DUPLAINVILLE 3.4	1.55	4.04	10.28	12.49	4.33				
PEWAUKEE 4.6	2.05	4.10	10.35	12.55	4.39				
HARTLAND 2.7	2.12	4.19	10.45	1.04	4.48				
NASHOTAH 2.2	2.17	4.24	10.51	1.09	4.53				
OKAUCHEE 3.0	2.22	4.28	10.56	1.13	4.57				
OCONOMOWOC 5.7	2.30	4.33	11.05	1.18	5.02				
IXONIA 7.5	2.45	4.42	11.15	1.27	5.11				
WATERTOWN 1.8	3.10	4.55 ⁵⁵	11.40	1.33	5.17				
VOLTZ 2.5					5.22 ¹⁵				
RICHWOOD 5.3	3.20	5.01	11.55	1.39	5.35				
REESEVILLE 5.3	3.30	5.10	12.05PM	1.48	5.44				
ASTICO 3.8	3.40	5.19	12.15	1.57	5.52				
COLUMBUS 3.6	3.45	5.33	12.35	2.03	5.57				
FALL RIVER 5.8	3.53	5.40	12.42	2.09	6.02				
DOYLESTOWN 3.4	4.01	5.50	12.50	2.18	6.09				
EAST RIO 1.4	4.07	5.55	1:00 ⁵ 20	2.23	6.14				
RIO 5.0	4.10	5.58	1.30	2.25	6.16				
WYOCENA 7.8	4.18	6.06	1.45	2.32	6.23				
(CANAL DRAWBRIDGE) PORTAGE JCT. 1.2	4.30	6.14	2.00	2.40	6.31				
PORTAGE	A 4.45AM	A 6.20AM	A 2.15PM	A 2.45PM	A 6.35PM				

Freight trains must not exceed maximum speed of 60 miles per hour.

FIRST SUBDIVISION—EASTWARD

5

TIME TABLE

No. 28
January 14, 1951

STATIONS

Distance from Portage	FIRST CLASS									
	56	4	18	12	28	308	16	106	6	100
	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger
	Daily	Daily	Daily	Daily Except Sunday	Daily Except Sunday	Daily	Daily	Daily	Daily	Daily
MILWAUKEE 2.0	92.9	As 4.22AM	As 6.00AM	As 6.55AM	As 8.20AM	As 9.30AM	As 10.20AM	As 12.20PM	As 1.05PM	As 1.20PM
CUT OFF 1.2	90.9									
GRAND AVENUE 2.2	89.7	4.09	5.47	6.40	8.09	9.20	10.10	12.11PM	12.57	1.12
WAUWATOSA	87.5				s 8.06	9.17	s 10.07		12.55	
AIR LINE YARD 2.4	89.3									
WEST ALLIS 0.9	86.9									
GREENFIELD JCT. 4.5—3.0	86.0									
ELM GROVE 4.3	83.0				s 7.58	9.12	s 10.00		12.50	
BROOKFIELD 2.7	78.7	3.58	5.34	f 6.26	s 7.50	9.09	L 9.55AM	11.58	12.46	1.01
(M. ST. P. & S. S. M. CROSS.)	76.0	3.55	5.31	f 6.23	f 7.45	9.07			12.44	
DUPLAINEVILLE 3.4					s 7.42	9.04				
PEWAUKEE 4.6	72.6								12.41	
HARTLAND 2.7	68.0	3.46	5.23	f 6.15	s 7.35	9.01		11.50	12.38	12.53
NASHOTAH 2.2	65.3				s 7.29	8.58			12.35	
OKAUCHEE 3.0	63.1				s 7.23	8.56			12.33	
OCONOMOWOC 5.7	60.1	3.36	5.14	f 6.06	s 7.18	s 8.52		11.44	s 12.29	12.47
IXONIA 54.4					s 7.10	8.46			12.23	
WATERTOWN 7.5	46.9	s 3.22	5.00 ⁷²	s 5.51	L 7.00AM	L 8.38AM		11.32	L 12.15PM ⁹⁶	12.35 ⁹⁶
(c. & N. W. CROSSING) 1.8									s 5.10	
VOLTZ 2.5	45.1									
RICHWOOD 5.3	42.6									
REESEVILLE 5.3	37.3	3.04	4.51	f 5.36				11.24		
ASTICO 3.8	32.0									
COLUMBUS 3.6	28.2	f 2.54	4.43	f 5.27				11.17 ⁹⁶		
FALL RIVER 5.8	24.6									
DOYLESTOWN 3.4	18.8									
EAST RIO 1.4	15.4	2.41	4.30	5.15				11.07		
RIO 5.0	14.0									
WYOCENA 7.8	9.0	2.33	4.24	f 5.08				11.01		
(CANAL DRAWBRIDGE) PORTAGE JCT. 1.2	1.2									
PORTAGE		L 2.24AM	L 4.15AM	L 4.58AM				L 10.53AM	L 11.56AM	L 4.32PM

Nos. 6, 16, and 100 must not exceed maximum speed of 100 miles per hour. Maximum speed for Class A oil burning engines on Hiawatha trains 100 miles per hour. Other passenger trains must not exceed maximum speed of 90 miles per hour. Maximum speed for F-5 and F-6 engines is 75 miles per hour, S-2 and S-3 engines 70 miles per hour.

Nos. 6, 16 and 100 register at Portage by Register Ticket.

No. 56 stops at Columbus to let off revenue passengers from La Crosse-River Division 3rd district.

No. 18 stops at Columbus for Milwaukee and Chicago revenue passengers and to let off revenue passengers from Twin Cities and beyond.

No. 18 stops at Oconomowoc Sunday only for revenue passengers for Chicago.

No. 18 stops at Oconomowoc to let off revenue passengers from Twin Cities and beyond.

No. 18 stops at stations Portage to Milwaukee to let off revenue passengers from Aberdeen and West.

FIRST SUBDIVISION—EASTWARD

TIME TABLE No. 28 January 14, 1951	FIRST CLASS		
	14	58	40
	Passenger Daily Except Sunday	Passenger Daily	Passenger Sunday only
MILWAUKEE 2.0	As 6.20PM	As 7.40PM	As 8.50PM
CUT OFF 1.2			
GRAND AVENUE 2.2	6.14	7.29	8.40
WAUWATOSA	s 6.11	f 7.25	s 8.36
AIR LINE YARD 2.4			
WEST ALLIS 0.9			
GREENFIELD JCT. 4.5 - 3.0			
ELM GROVE 4.3	6.05	f 7.19	f 8.28
BROOKFIELD (M. ST. P. & S. B. M. CROSS.) 2.7	6.01	f 7.14	f 8.22
DUPLAINVILLE 3.4	5.59	f 7.11	f 8.18
PEWAUKEE 4.6	5.54	f 7.07	s 8.13
HARTLAND 2.7	s 5.50	f 7.02	s 8.06
NASHOTAH 2.2	5.46	f 6.58	s 8.01
OKAUCHEE 3.0	5.44	f 6.54	s 7.56
OCONOMOWOC 5.7	s 5.40	s 6.50	s 7.51
IXONIA 7.5	5.34	f 6.39	f 7.41
WATERTOWN (C. & N. W. CROSSING) 1.8	L 5.25PM	s 6.30	L 7.32PM
VOLTZ 2.5			
RICHWOOD 5.3		f 6.19	
REESEVILLE 5.3		f 6.12	
ASTICO 3.8		f 6.04	
COLUMBUS 3.6		s 5.59	
FALL RIVER 5.8		f 5.50	
DOYLESTOWN 3.4		f 5.43	
EAST RIO 1.4		5.38	
RIO 5.0		f 5.36	
WYOCENA (CANAL DRAWBRIDGE) 7.8		f 5.28	
PORTAGE JCT. 1.2			
PORTAGE		L 5.15PM	

Nos. 6, 16, and 100 must not exceed maximum speed of 100 miles per hour. Maximum speed for Class A oil burning engines on Hiawatha trains 100 miles per hour. Other passenger trains must not exceed maximum speed of 90 miles per hour. Maximum speed for F-5 and F-6 engines is 75 miles per hour. S-2 and S-3 engines 70 miles per hour.

No. 40 stops at Duplainville and Brookfield to let off revenue passengers from Watertown and beyond and at Elm Grove to let off revenue passengers from west of Brookfield.

No. 58 stops on signal at stations east of Watertown to let off revenue passengers from points between Woodruff-Minocqua and New Lisbon.

FIRST SUBDIVISION—EASTWARD

7

TIME TABLE
No. 28
January 14, 1951

STATIONS	SECOND CLASS							THIRD CLASS
	272	368	72	96	264	266	68	
	Time Freight	Time Freight	Time Freight	Freight	Time Freight	Time Freight	Time Freight	
Daily	Daily Except Monday	Daily Except Monday	Daily Except Sunday	Daily Except Sunday	Daily	Daily	Monday & Wed. only	Way Freight
MUSKEGO YARD			A 7.20AM		A 6.57PM			
MILWAUKEE 2.0								
CUT OFF 1.2								
GRAND AVENUE 2.2		A 5.05AM	6.25		6.02			
WAUWATOSA		4.55	6.15		5.52			
AIR LINE YARD 2.4	A 3.30AM			A 6.30PM		A 12.40AM	A 4.30AM	A 6.00PM
WEST ALLIS 0.9	3.07			5.50		12.20	3.50	5.40
GREENFIELD JCT. 4.5—3.0	3.03			5.40		12.05AM	3.40	5.32
ELM GROVE 4.3	2.56	4.45	6.00	5.20	5.37	11.50	3.25	5.25
BROOKFIELD (M. ST. P. & S. S. M. CROSS.)	2.46	L 4.30AM	5.55	5.05	5.29	11.40	3.10	L 5.10PM
DUPLAINVILLE 3.4—	2.40		5.50	4.35	5.25	11.35	2.57	
PEWAUKEE 4.6	2.35		5.45	4.20	5.21	11.25	2.47	
HARTLAND 2.7	2.25		5.40	4.00	5.16	11.15	2.37	
NASHOTAH 2.2	2.18		5.37		5.13	11.05	2.31	
OKAUCHEE 3.0	2.10		5.34		5.10	11.00	2.25	
OCONOMOWOC 5.7	2.04		5.30	3.20	5.06	10.50	2.15	
IXONIA	1.53		5.20	2.55	5.00	10.35	2.00	
WATERTOWN (C. & N. W. CROSSING)	1.40	68	5.02 ⁴	2.45 ⁶	4.50	10.15	1.42 ²⁷²	
VOLTZ 2.5			4.45	12.25 ¹⁰⁶			1.15	
RICHWOOD 5.3	1.20		4.35	12.15PM	4.27	9.55	1.00	
REESEVILLE 5.3	1.13		4.28	11.55	4.21	9.45	12.52	
ASTICO 3.8	1.06		4.22	11.35	4.15	9.30	12.45	
COLUMBUS 3.6	1.00		4.18	11.27 ¹⁶	4.10	9.20	12.35	
FALL RIVER 5.8	12.53		4.14	8.30	4.05	9.12	12.25	
DOYLESTOWN 3.4	12.46		4.06		3.58	9.03	12.15	
EAST RIO 1.4	12.41		4.02		3.53	8.55	12.06	
RIO 5.0	12.31		4.00		3.45	8.50	12.01AM	
WYOCENA (CANAL DRAWBRIDGE)	12.21		3.50	7.30	3.35	8.35	11.50	
PORTAGE JCT. 1.2	12.06		3.35		3.20	8.20	11.35	
PORTAGE	L 12.01AM		L 3.30AM	L 7.00AM	L 3.15PM	L 8.15PM	L 11.30PM	

Freight trains must not exceed maximum speed of 60 miles per hour except between Elm Grove and Greenfield Jct. where trains must not exceed maximum speed of 25 miles per hour.

Automatic Block Signal System is in use between a point 600 feet west of the west switch at Soldiers Home Yard, Milwaukee, and Elm Grove.

When the eastward signal at West Allis depot displays a Stop indication, in addition to complying with Automatic Block Signal rules, a trainman or the engineer must immediately communicate with the Yardmaster at Air Line Yard, Milwaukee, and receive instructions from him before proceeding.

SECOND SUBDIVISION—WESTWARD

TIME TABLE
No. 28
January 14, 1951
STATIONS

STATIONS	Distance from Portage	Telegraph calls	Capacity in cars	FIRST CLASS								SECOND CLASS
				57	17	1	55	5	101	15		
				Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger		
				Daily	Daily	Daily	Daily	Daily	Daily	Daily		Time Freight
				L 12.23 AM	L 1.46 AM	L 2.37 AM	L 7.01 AM	L 1.33 PM	L 3.34 PM	L 6.07 PM	L 7.00 PM	
PORTAGE	0.0	G										
3.1												
SILVER	3.1											
5.7												
LEWISTON	8.8			6	12.30	1.56	2.47	7.10	1.41	3.42	6.14	7.15
1.8												
CHENEY	10.6											7.20
6.3												
WISCONSIN DELLS	16.9	K	E 70	120	12.42	2.03	f 2.57	s 7.28	s 1.50			7.30
8.6												
LYNDON	25.5	LY		35				s 7.38				7.42
10.6												
MAUSTON	36.1	US	E 64	110	12.57	2.20	3.15	s 7.58	s 2.07	4.02	6.35	7.57
7.0			E 118									
NEW LISBON	43.1	BN	W 86	Yard	s 1.15	s 2.34	s 3.34	s 8.21	s 2.23	s 4.11 ⁸³	6.40	8.08
(C. ST. P., M. & O. CROSSING)	6.0											
CAMP DOUGLAS	6.3	CD	W 50	30	s 1.30	2.42	3.42	s 8.35		4.17		8.18
OAKDALE	55.4	KD		4		2.49	3.48	s 8.43	2.33			8.28
6.5												
TOMAH	61.9	CU	E 72 W 179	Yard	1.43	2.55	s 4.00	s 9.01	s 2.41			8.38
(W. END OF DOUBLE TRACK)	3.4											
TUNNEL CITY	65.3			40	1.47	2.59	4.07	s 9.08	2.46 ⁵⁸	4.29	6.56	8.48
(E. END OF DOUBLE TRACK)	2.7											
RAYMORE	68.0				1.50	3.02 ⁴	4.11	9.12				8.53
CAMP McCOY	71.4	MC		31			4.17	s 9.18	2.50			9.00
2.												
WEST CAMP McCOY	73.6		E 75	37								
4.7			E 136									
SPARTA	78.3	RT	W 69	Yard	s 2.09	3.12	s 4.35	s 9.34 ⁶³	s 3.01	4.39	7.06	9.08
6.6												
ROCKLAND	84.9			4				s 9.43				9.16
3.6												
BANGOR	88.5	RN		50	2.16	3.22	4.46	s 9.50	3.10	4.45	7.12	9.22
4.6			E 66									
WEST SALEM	93.1	S	W 63	28		3.28	4.51	s 10.01	3.16			9.30
7.0												
(C. & N. W. CROSSING)	1.6	WJ			2.31	3.36	4.59	10.08	3.20	4.54	7.21	9.45
MEDARY	100.1											
GRAND CROSSING (G. & N. W.-C. B. & Q. CROSSINGS)	101.7	GC										9.51
1.2												
LA CROSSE	102.9	AD		Yard	As 2.40 AM	As 3.45 AM	As 5.15 AM	As 10.15 AM	As 3.27 PM	As 5.00 PM	As 7.28 PM	A 10.00 PM

Nos. 5, 101, and 15 must not exceed maximum speed of 100 miles per hour. Maximum speed for Class A oil burning engines on Hiawatha trains 100 miles per hour. Other passenger trains must not exceed maximum speed of 90 miles per hour. Freight trains must not exceed maximum speed of 60 miles per hour. Maximum speed for F-5 and F-6 engines is 75 miles per hour, S-2 and S-3 engines 70 miles per hour.

Double track is in use between Portage and Tunnel City and between Raymore and La Crosse.

Automatic cab signal system is in use between Portage and La Crosse.

Automatic block system is in use between Portage and La Crosse.

Centralized Traffic Control System is in use between Raymore and Tunnel City.

Westward trains or engines about to enter the connection leading to the Third District located approximately one-half mile east of the depot at New Lisbon may apply the provisions of Rule 516 to Signal 134-3, located just east of the switch.

No. 57 does not carry passengers.

No. 1 will make flag stop at Wisconsin Dells to let off revenue passengers from Milwaukee or beyond or pick up revenue passengers for St. Paul or beyond.

WESTWARD—SECOND SUBDIVISION—EASTWARD

9

SECOND CLASS			TIME TABLE			FIRST CLASS						
83	63	69	No. 28 January 14, 1951			56	4	18	16	6	58	100
Time Freight	Time Freight	Time Freight	STATIONS			Distance from La Crosse	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger
Daily	Daily	Daily Except Monday					Daily	Daily	Daily	Daily	Daily	Daily
L 3.00PM	L 6.35AM	L 5.00AM	PORTAGE 3.1			102.9	As 2.14AM	As 4.08AM	As 4.48AM	As 10.51AM	As 11.54AM	As 5.05PM
			SILVER 5.7			99.8						As 4.30PM
3.15	6.50	5.15	LEWISTON 1.8			94.1	2.03	3.57	4.39	10.43	11.46	4.54
3.18	6.53	5.20	CHENEY 6.3			92.3						4.23
3.28	7.03	5.35	WISCONSIN DELLS 8.6			86.0	f 1.55	3.50	f 4.31	10.36	11.40	s 4.46
3.40	7.15	5.50	LYNDON 10.6			77.4						s 4.33
3.52	7.35	6.05	MAUSTON 7.0			66.8	1.36	3.33	f 4.13		11.27	s 4.18
4.00 ¹⁰¹ 4.12	7.50	6.35	NEW LISBON (C. ST. P. M. & O. CROSSING) 6.0			59.8	s 1.28	3.27	s 4.05	10.17		4.05 ¹⁰⁰ s 3.25
4.20	8.05	6.50	CAMP DOUGLAS 6.3			53.8	s 1.06	3.21	f 3.55	10.11	11.18	s 3.14
4.27	8.15	7.00	OAKDALE 6.5			47.5						
4.34	8.25	7.25	TOMAH 3.4			41.0	s 12.53	3.11	f 3.44			s 2.59
4.42	8.35	7.35	TUNNEL CITY 2.7			37.6	12.43	3.07	f 3.40	9.59	11.07	f 2.46 ⁵
4.47	8.45	7.40	(E. END OF DOUBLE TRACK) RAYMORE 3.4			34.9	12.40	3.02 ¹⁷	3.36			2.42
4.52	8.55	7.48	CAMP MCCOY 2.2			31.5	12.37					s 2.34
			WEST CAMP MCCOY 4.7			29.3						
5.00	9.18 ⁵⁵ 9.35	8.20	SPARTA 6.6			24.6	s 12.30 ⁷²	2.50	s 3.23	9.47	s 10.55	s 2.26
5.07	9.55	8.32	ROCKLAND 3.6			18.0	12.20					2.15
5.11	10.02	8.38	BANGOR 4.6			14.4		2.40	f 3.10	9.40	10.44	s 2.12
5.16	10.09	8.46	WEST SALEM 7.0			9.8	12.13					3.19
5.33	10.24	8.56	(C. & N. W. CROSSING) MEDARY 1.6			2.8	12.06	2.29	2.59			1.57
5.38	10.29	9.05	(C. & N.W.C.B. & Q. CROSSINGS) 1.2			1.2	12.04	2.27	2.57			1.55
A 6.00PM	A 10.45AM	A 9.15AM	LA CROSSE			0.0	L 12.02AM	L 2.25AM	L 2.55AM	L 9.28AM	L 10.33AM	L 1.53PM
												L 3.08PM

Nos. 16, 6, and 100 must not exceed maximum speed of 100 miles per hour. Maximum speed for Class A oil burning engines on Hiawatha trains 100 miles per hour. Other passenger trains must not exceed maximum speed of 90 miles per hour. Freight trains must not exceed maximum speed of 60 miles per hour. Maximum speed for F-5 and F-6 engines is 75 miles per hour, S-2 and S-3 engines 70 miles per hour.

No. 56 stops at Wisconsin Dells to let off revenue passengers from north of New Lisbon, La Crosse, and beyond, or pick up revenue passengers for Milwaukee or beyond

No. 18 stops at stations La Crosse to Portage to let off revenue passengers from Aberdeen and west.

SECOND SUBDIVISION—EASTWARD

TIME TABLE
No. 28
January 14, 1951

STATIONS**PORTAGE**

3.1

SILVER

5.7

LEWISTON

1.8

CHENEY

6.3

WISCONSIN DELLS

8.6

LYNDON

10.6

MAUSTON

7.0

NEW LISBON

6.0

(C. ST. P., M. & O. CROSSING.)**CAMP DOUGLAS**

6.3

OAKDALE

6.5

TOMAH

3.4

(W. END OF DOUBLE TRACK)**TUNNEL CITY**

2.7

(E. END OF DOUBLE TRACK)**RAYMORE**

3.4

CAMP McCOY

2.2

WEST CAMP McCOY

4.7

SPARTA

6.6

ROCKLAND

3.6

BANGOR

4.6

WEST SALEM

7.0

(C. & N. W. CROSSING)**MEDARY**

1.6

GRAND CROSSING**(C. & N. W. - C.B. & Q. CROSSINGS.)**

1.2

LA CROSSE

SEE RULE
6-A

Office hours
Also see page 14

Time Freight
Daily

Time Freight
Monday &
Wed. only

Time Freight
Daily

Time Freight
Except Sunday

Continuous

No office

No office

6.00AM to 6.30PM
Except Sat & Sun.

6.00AM to 3.00PM
Except Sat & Sun.

6.00AM to 6.00PM
Except Sat. & Sun.

Continuous

Continuous

7.00AM to 2.00PM
Except Sat. & Sun

12.01AM to 4.00PM

No office

No office

7.30AM to 4.30 PM
Except Sunday

V

No office

Continuous

No office

8.00AM to 5.00PM
Except Sat. & Sun.

8.00AM to 5.00PM
Except Sat. & Sun.

Continuous

SECOND CLASS

264 **68** **266** **272** **72**

Time Freight Time Freight Time Freight Time Freight Time Freight

Daily Monday &
Wed. only Daily Daily Daily

Except Sunday Except Sunday Except Sunday Except Sunday Except Sunday

A 2.45PM A 9.30PM A 7.45PM A 11.45PM A 3.00AM

2.27 9.00 7.30 11.25 2.48

2.24 8.55 7.26 11.20 2.45

2.17 8.40 7.05 11.10 2.35

2.08 8.05 6.50 10.55 2.22

1.57 7.40 6.33 10.35 2.07

1.50 7.15 6.20 8.45 1.50

1.43 6.25⁶⁸ 6.10⁶⁸ 8.25 1.37

1.43 6.05 6.10⁶⁸ 8.25 1.37

1.37 5.50 6.01 8.13 1.27

1.30 5.30 5.50 8.05 1.17

1.25 5.10 5.45 7.58 1.10

1.20 5.00 5.38 7.50 12.57

1.10 4.40 5.32 7.40 12.50

1.10 4.20¹⁰⁰ 5.20 7.30 12.35⁵⁶

1.10 3.18¹⁰⁰ 5.20 7.30 12.20

12.45 3.07 5.04 6.45 12.08

12.40 3.00 4.59 6.35 12.03AM

12.35 2.47 4.52 6.25 11.55

12.25 2.30 4.40 6.10 11.40

12.20 2.25 4.35 6.05 11.35

L12.15PM L 2.20⁵⁸PM L 4.30PM L 6.00PM L11.30PM

Freight trains must not exceed maximum speed of 60 miles per hour.

YARD LIMITS AT

Milwaukee Term's.	Extend from Milwaukee Passenger depot to 2400 feet west of switch at Grand Avenue.
Watertown.....	Extend from Muskego Yard office to 2000 feet west of Greenfield Jct.
Portage.....	Extend from 10,000 feet east of passenger station to 200 feet west of west crossover switch at Voltz on the First subdivision and from passenger station to 2000 feet west of wye switch on the Third subdivision
New Lisbon.....	Extend from 5000 feet east of drawbridge C-220 to 1½ miles west of the depot.
Sparta.....	Extend from 6000 feet east of east switch to 4000 feet west of west switch for the First District and to 2000 feet west of west wye switch on the Third District.
La Crosse.....	Extend from 2000 feet east of east switch to 2000 feet west of facing point crossover switch leading from Second subdivision Eastward main track to Fifth subdivision main track. Fifth subdivision extend from 1500 feet west of Eastward home signal to passenger depot.
Madison.....	Extend from 1 mile east of Grand Crossing to a point just west of Bridge L-4-A located about 1½ miles west of Passenger Station LaCrosse.
Westby.....	Extend from passenger station to 2860 feet east of C. & N. W. crossing east of Yahara River on the Third subdivision and to 1200 feet west of Depot at North Madison on L. & R. Division Fourth subdivision.
Viroqua.....	Extend from 1000 feet east of the east switch at Westby Jct. to 1000 feet west of west switch at Westby.
Chaseburg.....	Extend from 700 feet east of Depot to end of track.

THIRD SUBDIVISION—WESTWARD

11

TIME TABLE

No. 28

January 14, 1951

STATIONS

	Distance from Watertown	Telegraph calls	Capacity in cars		FIRST CLASS						
			Sidings	Other tracks	33	29	47	23	111	27	
WATERTOWN (C. & N. W. CROSSING)	0.0	WR		Yard	Passenger Daily Except Sunday	Passenger Daily Except Saturday & Sun.	Passenger Saturday Only	Passenger Daily Except Sunday	Passenger	Passenger	Passenger
HUBBELLTON 5.7	7.5	HU	12		L 8.37AM ²⁸	L 3.05PM	L 3.16PM	L 6.57PM	L 8.49PM	L 10.20PM	
WATERLOO 3.4	13.2	WA	9	16	s 8.51	3.17	s 3.29	s 7.16	f 9.05	s 10.37	
MARSHALL 2.2	16.6	MA	24		s 8.56	3.20	f 3.33	7.19	9.09	10.42	
DEANSVILLE 5.8	18.8			5	8.59			7.21	9.11	10.44	
SUN PRAIRIE 4.2	24.6	SN	60	18	s 9.08	3.27	f 3.43	s 7.28	f 9.16	f 10.50	
BURKE 4.3	28.8			10	9.13	3.31	3.47	7.33	9.20	10.55	
(C. & N. W. CROSSING) 1.6	33.1										
BALDWIN STREET (C. & N. W. CROSSING)	34.7				9.23	3.37	3.54	7.40	9.31	11.05	
FRANKLIN STREET 1.1	35.5			Yard	s 9.30	s 3.43	s 4.02	s 7.46	s 9.35	s 11.09	
MADISON	36.6	RD		Yard	As 9.35AM	As 3.48PM	As 4.07PM	As 7.55PM	As 9.40PM	As 11.18PM	

THIRD SUBDIVISION—EASTWARD

TIME TABLE

No. 28

January 14, 1951

STATIONS

	Distance from Madison	SEE RULE 6-A	Office hours		FIRST CLASS				SECOND CLASS	
			Also see page 14		Passenger Daily Except Sunday	Passenger Daily	Passenger Daily Except Sunday	Passenger Sunday Only	432	
WATERTOWN (C. & N. W. CROSSING)	36.6	BCHJKMP RVVXYZ	Continuous		As 8.37AM ³³	As 12.14PM	As 5.24PM	As 7.30PM		Freight
HUBBELLTON 5.7	29.1		8:00AM to 5:00PM Except Sat. & Sun.		8.29	12.06PM	5.16	f 7.21		Daily Except Sunday
WATERLOO 3.4	23.4	W	8:00AM to 5:00PM Except Sat. & Sun.		s 8.23	s 11.59	s 5.09	s 7.12		
MARSHALL 2.2	20.0		8:00AM to 5:00PM Except Sat. & Sun.		8.18	11.55	f 5.03	s 7.07		
DEANSVILLE 5.8	17.8		No office		8.16	11.53	5.00	7.04		
SUN PRAIRIE 4.2	12.0		8:00AM to 5:00PM Except Sat. & Sun.		f 8.10	f 11.47 ⁴³²	s 4.53	s 6.57		12.45
BURKE 4.3	7.8		No office		8.06	11.43	4.47	6.52		12.10PM
(C. & N. W. CROSSING) 1.6	3.5	M	No office							10.45
BALDWIN STREET (C. & N. W. CROSSING)	1.9	X	No office		7.57	11.33	4.37	6.42		
FRANKLIN STREET 1.1	1.1	JVX	No office		s 7.55	s 11.31	s 4.35	s 6.40		11.55
MADISON	0.0	BCHJKRT VWXZ	Continuous		L 7.50AM	L 11.25AM	L 4.30PM	L 6.35PM		L 10.30AM

Between Watertown and Madison passenger trains must not exceed maximum speed of 75 miles per hour — other trains 50 miles per hour.

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

Double track is in use between Franklin Street and Madison.

Watertown is a register station only for trains starting or terminating at that station and such trains may register by register ticket when not displaying signals for a following section.

No. 111 stops at Waterloo and Sun Prairie to let off revenue passengers from Milwaukee and beyond.

No. 47 stops at Marshall and Sun Prairie to let off revenue passengers from Milwaukee and beyond.

No. 14 stops at Marshall to pick up revenue passengers for Chicago.

No. 23 and No. 106 stop on signal at Sun Prairie to pick up revenue passengers for Milwaukee and beyond.

FOURTH SUBDIVISION—WESTWARD

TIME TABLE		Distance from Madison	Telegraph calls	Capacity in cars	SEE RULE 6-A	Office hours Also see page 14	FIRST CLASS		THIRD CLASS						
No. 28							701	711	797						
January 14, 1951															
STATIONS							Passenger	Passenger	Freight						
MADISON	1.1—	0.0			BCHJKRTV WXZ	Continuous	L 2.00PM	L 10.30PM	L 8.45AM						
FRANKLIN STREET	(C. & N. W. CROSSING)	0.8—	1.1	Yard	JVX	No office	s 2.07	s 10.35	9.00						
BALDWIN STREET	(C. & N. W. CROSSING)	0.2	1.9		X	No office	2.09	10.37	9.05						
	(C. & N. W. CROSSING)	0.7	2.1		X										
	(C. & N. W. CROSSING)	2.5	2.8		MX										
NORTH MADISON	1.8	5.3		71	X		f 2.17	f 10.45	10.05						
DARWIN	4.3	7.1			No office										
WINDSOR	1.9	11.4	28			No office	s 2.28	s 10.54	10.20						
DE FOREST	2.4	13.3	DE	33 25		6.45AM to 3.45PM Except Sat. & Sun.	s 2.32	s 10.58	10.35						
MORRISONVILLE	4.6	15.7	MY	23		6.45AM to 3.45PM Except Sat. & Sun.	s 2.36	s 11.03	10.50						
ARLINGTON	4.2	20.3	RG	13 40		6.45AM to 3.45PM Except Sat. & Sun.	s 2.45	s 11.12	11.10 ⁷⁹⁸ 12.20PM						
POYNETTE	7.6	24.5	PN	25 20	W	6.45AM to 3.45PM Except Sat. & Sun	s 2.52	s 11.20	1.00						
MANLEY	3.5	32.1			Y										
(CANAL DRAWBRIDGE)															
PORTAGE JCT.	1.2—	35.6			LIX	No office	3.11	11.39	1.45						
PORTAGE	36.8	G		Yard	BCHKRTWAZ	Continuous	As 3.15PM	As 11.45PM	A 2.15PM						

FOURTH SUBDIVISION—EASTWARD

TIME TABLE		Distance from Portage	FIRST CLASS		SECOND CLASS						
No. 28			718	700	798						
January 14, 1951											
STATIONS			Passenger	Passenger	Freight						
MADISON	1.1—	36.8	As 8.35AM	As 6.00PM	A 1.50PM						
FRANKLIN STREET	(C. & N. W. CROSSING)	0.8—	s 8.25	s 5.52	1.30						
BALDWIN STREET	(C. & N. W. CROSSING)	0.2	8.18	5.48	1.25						
	(C. & N. W. CROSSING)	0.7									
	(C. & N. W. CROSSING)	2.5									
NORTH MADISON	1.8	31.5	f 8.11	f 5.40	1.10						
DARWIN	4.3	29.7									
WINDSOR	1.9	25.4	s 7.59	5.25	12.55						
DE FOREST	2.4	23.5	s 7.56	s 5.21	12.50						
MORRISONVILLE	4.6	21.1	s 7.50	s 5.17	12.30						
ARLINGTON	4.2	16.5	s 7.43	s 5.10	12.15PM						
POYNETTE	7.6	12.3	s 7.33	s 5.01	11.25						
MANLEY	3.5	4.7									
(CANAL DRAWBRIDGE)											
PORTAGE JCT.	1.2—	1.2	7.15	4.43	10.40						
PORTAGE	0.0	L 7.10AM	L 4.40PM	L 10.30AM							

Passenger trains must not exceed maximum speed of 40 miles per hour—other trains 25 miles per hour.

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

F-6 engine may be operated on football specials over Portage-Madison line, must not exceed 40 MPH, subject to speed restrictions due to curvature and other timetable rules and special instructions.

WESTWARD—FIFTH SUBDIVISION—EASTWARD

13

SECOND CLASS			Capacity in cars		Telegraph calls	Distance from Sparta	TIME TABLE No. 28 January 14, 1951			Distance from Viroqua	SEE RULE 6-A	Office hours Also see page 14	THIRD CLASS		
957	955	655	Sidings	Other tracks			STATIONS	SPARTA	2.5				958	658	960
Mixed	Mixed	Mixed						(C. & N. W. CROSSING)	3.2	32.0	MX	No office			
Tuesday and Saturday only	Saturday only	Daily Except Sat. and Sun.						LEON	6.5	28.8		No office			
								MELVINA	6.5	22.3		No office			
								CASHTON	3.4	15.8		8.00AM to 5.00PM Except Sat. & Sun.			
								NEWRY	4.3	12.4		No office			
								WESTBY JUNCTION	0.5	8.1	JX	No office			
L 12.35PM	10.02	10.02						WESTBY	7.6	7.6	X	7.45AM to 4.45PM Except Sat. & Sun.			
As 12.40PM	AB 10.10AM	s10.10	23	Yard	WS	26.9		VIROQUA	0.0	RTWX		8.00AM to 5.00PM Except Sat & Sun.			
		As 10.30AM		Yard	Q	34.5									

Passenger trains must not exceed maximum speed of 35 miles per hour—other trains 25 miles per hour.

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

WESTWARD—SIXTH SUBDIVISION—EASTWARD

	SECOND CLASS	Capacity in cars		Telegraph calls	Distance from Westby Jct.	STATIONS	Distance from Chaseburg	SEE RULE 6-A	Office hours Also see page 14	THIRD CLASS		
	955	Sidings	Other tracks			WESTBY JCT.	10.5	15.7	JX	958		
	Mixed				0.0	COON VALLEY	5.2	5.2	W	No office		
	Tuesday and Saturday only					CHASEBURG	0.0	0.0	RT	8.00AM to 5.00PM Except Sat. & Sun.	As 12.35PM	
										8.00AM to 5.00PM Except Sat. & Sun.	s12.15PM	
	L10.35AM										8.00AM to 5.00PM Except Sat. & Sun.	L11.50AM
	s11.04	28	15	CV	10.5							
	As 11.25AM	21	9	CB	15.7							

Trains must not exceed maximum speed of 25 miles per hour.

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

**R. E. BECK,
F. J. WURM,
V. D. ROBERTS,
J. F. ELDER,**

TRAIN DISPATCHERS.

**G. W. RILEY,
T. E. WITT,
TRAINMASTERS**

**J. C. MEYER,
CHIEF DISPATCHER.**

PORTABLE TELEPHONES ON TRAINS.

Nos 1 and 4 located in head end, baggage dormitory car.

Nos. 5, 6, 100, and 101 P. and B. car clothes locker, cond'r's room. Nos. 17 and 18 located in baggage car.

Nos. 15 and 16 located in locker in baggage end of baggage-dormitory car.

OFFICE HOURS NOT OTHERWISE SHOWN

STATION	SATURDAY	SUNDAY	HOLIDAY
Wauwatosa	7:40 PM to 9:40 PM		
Wis. Dells	{ 10:30 A. M. to 6:30 P. M. { 6:30 AM to 9:30 AM 10:30 AM to 6:30 PM { 6:30 AM to 9:30 AM 1:30 PM to 4:50 PM		
Lyndon		6:00 AM to 9:00 AM	
Mauston	{ 10:00 AM to 6:00 PM. { 6:45 AM to 9:45 AM 10:00 AM to 6:00 PM { 6:45 AM to 9:45 AM 1:30 PM to 4:30 PM		
Hubbellton		8:00 AM to 11:00 AM	

TELEPHONES FOR EMERGENCY USE WHERE OPERATORS NOT ON DUTY ARE LOCATED AS FOLLOWS:

DISPATCHER TELEPHONES:	Hartland	In booth on first pole west of scale house.
	East Rio	In pump house.
	Wisconsin Dells	In freight office.
	Tomah	In scale house.
	Tunnel City	At Interlocked Switch.
	Raymore	At Interlocked Switch.
	Camp McCoy	In booth at crossover.
	West Camp McCoy	In booth on pole at crossover switch.
	Madison, Baldwin Street	In booth on telegraph pole at crossover between Watertown & Portage Lines.
	North Madison	In booth on pole at area switch.
	Windsor	In depot.
	Manley	In booth on pole near switch.
OTHER TELEPHONES:	West Allis	In hallway of depot.
	Wauwatosa	On pole east end depot Mid-city switch, Manigold Crossing at Badger Paint Co. in box on pole connected with Brookfield and Grand Avenue.
		On pole east end house track.
	Kenyon	At County Building switch, west of Wauwatosa, connected with Brookfield and Grand Avenue Tower.
	Brookfield	In booth on pole west end westward siding connected with Grand Avenue-Oconomowoc block.
	Brookfield	Inside baggage room, connected with Grand Avenue and Oconomowoc.
	Brookfield	At the switch east of depot.
	Elm Grove	Air line Switch in booth, connected with Brookfield & Grand Avenue Tower.
	Pewaukee	At crossover 700 feet east of Oakton Ave. crossing connected with Brookfield, Duplainville and Oconomowoc.
	Hartland	In baggage room and at west crossover connected with Brookfield, Duplainville and Oconomowoc.
	Nashotah	On pole north of tracks opposite depot.
	Okauchee	In east waiting room depot connected with Brookfield, Duplainville and Oconomowoc.
	Ixonia	In depot waiting room, connected with Oconomowoc and Watertown.
	Watertown, Third St.	In booth outside flagman's shanty, connected with Oconomowoc & Watertown.
	Watertown, Washington St.	In booth on pole across from section shanty, connected with Oconomowoc and Watertown.
	Watertown, Milford St.	In booth in flagman's shanty, connected with Watertown and Oconomowoc.
	Watertown, Humboldt St.	On telegraph pole connected with Watertown, Ixonia and Oconomowoc.
	Watertown	In booth on post at Bull Moose crossing west of Watertown.
	Columbus Sid. W. of Watertown	At remote control shanty at switch, connected with Watertown and Portage.

OTHER TELEPHONES:		
Voltz	.....	In booth on pole at east siding switch.
Voltz	.....	In shanty at west switch, connected with Watertown and Portage.
Richwood Depot	.....	Connected with Watertown and Portage.
Reeseville	.....	In booth on post between crossover switches.
Reeseville	.....	Freight house in booth, connected with Watertown and Portage.
Columbus	.....	In baggage room.
Columbus	.....	East end of eastward siding connected with operators at Portage & Watertown
Fall River	.....	West end of depot.
East Rio	.....	In pump house connected with Portage and Watertown.
East Rio	.....	In booth on pole east end of eastward siding connected with Portage-Oconomowoc block.
Rio	.....	In baggage room connected with Portage-Watertown and Oconomowoc.
Portage Jct. East Home Signal	.....	Connected with Portage operator on yard phone line.
Portage Jct. West Home Signal	.....	Connected with Portage operator on yard phone line.
Portage	.....	In shanty west of Hamilton St. (Mulcachys Crossing) connected with yard block.
Portage	.....	York Mills, shanty, connected with Portage operator on yard phone line.
Portage	.....	East end of passenger platform in shanty, connected with Portage operator on yard phone line.
Portage	.....	West end switch, in shanty, connected with Portage operator on yard phone line.
Portage	.....	West Yard, in shanty, connected with operator Portage on yard phone line.
Portage	.....	In booth on pole 1 1/4 miles west Portage depot.
Portage	.....	In engineer's shanty just south of coal shed connected with Portage operator on yard phone line.
Portage	.....	In booth at eastbound home Signal 92-2 at west end of yard connected with operator at Portage.
Lewiston	.....	In booth on pole, connected with Portage and New Lisbon.
Cheney	.....	On pole opposite station sign connected with Portage and New Lisbon.
Wisconsin Dells	.....	In booth at west end of freight depot.
Round Bluff	.....	Near crossing in box on pole.
Mauston	.....	In baggage room.
New Lisbon	.....	In booth on pole opposite No. 1 track switch, connected with New Lisbon, Camp Douglas and Portage.
		In booth on pole at head room track switch.
Tomah	.....	In men's waiting room connected with Camp Douglas-La Crosse Block.
Tunnel	.....	In booth at overhead bridge west of the tunnel, Camp Douglas-La Crosse Block.
Camp McCoy	.....	In booth at crossover, connected with Camp Douglas-La Crosse Block.
West Camp McCoy	.....	In booth on pole at crossover switch, connected with Camp Douglas-La Crosse Block.
Sparta	.....	In booth on pole at crossover and at eastward home signal about two miles west of Sparta, connected with Sparta.
Rockland	.....	In office connected with Sparta and Bangor.
Bangor	.....	In freight room connected with Grand Crossing and Sparta.
West Salem	.....	In baggage room, at depot.
3 miles East of Medary	.....	In booth on pole.
Burke	.....	In shanty.
Swift & Co.	.....	75 feet west of Main Line switch.
North Madison	.....	In depot.

COMPANY SURGEONS ARE LOCATED AS FOLLOWS

LOCATION	NAME	RESIDENCE AND PHONE	OFFICE AND PHONE
Chicago	§†Dr. A. R. Metz, Chief Surgeon	Wesley Memorial Hospital, 240 E. Superior St. DElaware 7-6500	Union Station CENtral 6-7600
Chicago	§†Dr. R. Householder	Wesley Memorial Hospital, 240 E. Superior St. DElaware 7-6500	Union Station CENtral 6-7600
Chicago	Ass't. Chief Surgeon	Wesley Memorial Hospital, 240 E. Superior St. DElaware 7-6500	Union Station CENtral 6-7600
Chicago	§†Dr. Stephen Chase	Wesley Memorial Hospital, 240 E. Superior St. DElaware 7-6500	Union Station CENtral 6-7600
Chicago	Ass't. to Chief Surgeon	30 North Michigan Ave. DEarborn 2-3127	
Chicago	*Dr. Virgil Wescott, Oculist	122 So. Michigan Ave. WAbash 2-2272	
Chicago	Dr. L. F. McBride, Aurist	53 E. Washington St. STATE 1-0509	
Chicago	Dr. H. A. Hooper, Dentist	8210 Warren Ave. Bluemound 8-0565 208 E. Wisconsin Ave., Suite 1149. Daly 8-4431	
Milwaukee	§†Dr. Irwin Schulz, M.D.	2374 N. 101 St. Bl. 8-6212 208 E. Wisconsin Ave., Suite 1149. Daly 8-4431	
Milwaukee	§†Dr. P. F. Hausman	208 E. Wisconsin Ave. Daly 8-3873	
Milwaukee	*Dr. R. P. Sproule, Oculist		
Milwaukee	Dr. F. D. Murphy		
	Medical Consultant	610 Honey Creek Parkway Blue Mound 8-3210 536 West Wisconsin Ave. Marquette 8-1188	
Pewaukee	Dr. L. W. Egloff	509 Park Ave. 2123 110 W. Wisconsin Ave. 2121	
Oconomowoc	*Dr. J. F. Wilkinson	731 Lake Road 172 Wilkinson Clinic, 114 East Wisconsin Ave. 33	
Watertown	*Dr. L. W. Nowack	519 Main St. 154 519 Main St. 144	
Watertown	*Dr. A. C. Hahn	401 5th St. 87 114-4th St. 1000	
Waterloo	Dr. Carl. W. Schmidt	244 Waterloo 246	
Sun Prairie	Dr. Leo. W. Peterson	153 North Street 76 215 East Main Street 71	
Madison	†Dr. James A. Jackson	Fox Bluff. Gifford 6820 Jackson Clinic, 16 So. Henry St. 5-6731	
Madison	Dr. C. K. Schubert, Oculist	201 Virginia Tr'ce. Badger 1105 No. 1 So. Pinckney St. 6-8266	
Columbus	*Dr. J. A. Mudrock	434 So. Charles St. 164-R 208 So. Ludington St. 164-W	
Columbus	Dr. John F. Poser, Asst.	348 So. Dickinson Blvd. 128 104 South Ludington St. 143	
Portage	†Dr. E. F. Tierney	416 W. Conant St. 788 Hotel Raulf Bldg., Corner W. Wis. & Cook St. 600	
Portage	†Dr. C. W. Henney	80a Prospect Ave. 117 Hotel Raulf Bldg., Cor. Wis & Cook St. 600	
Portage	†Dr. S. E. Taylor	116 E. Pleasant St. 789 303 DeWitt Street 65	
Portage	†Dr. W. A. Taylor	212 W. Howard St. 95 Graham Block, Corner Cook & DeWitt 65	
Portage	†Dr. James W. Macgregor	532 W. Wisconsin Street. 1018 31½ DeWitt Street 27	
Portage	Dr. John P. Harkins, Oculist	110 E. Conant St. 524 1st Nat'l Bank Bldg. 524	
Poynette	Dr. W. J. Focke	(Hudson & Lincoln St. N. W. Tel. Co. 3 (Hudson & Lincoln St. N. W. Tel. Co. 3	
Poynette	Dr. Donald J. Stevenson	(Hospital Farmers Mutual 2 (Hospital) Farmers Mutual 2	
Wisconsin Dells	Dr. J. H. Houghton	814 Elm St. 173 Poynette 3	
Mauston	Dr. W. T. O'Brien	State St. 318 Kilbourn Co-op. Exch. Bldg., Wash Ave. 118	
New Lisbon	*Dr. B. Starnes	Orange Road. 236 State St. 236	
Tomah	*Dr. Leo. G. Scheurich	604 Kilbourn Ave. 138 New Lisbon State Bank Bldg. 79	
Tomah	Dr. C. E. Kozarek	405 Cady Ave. 20W 1100½ Superior Ave. 20	
Sparta	Dr. H. H. Williams, Jr., Assistant, 302 Spring Street	380M 1015½ Superior Ave. 480-W	
Westby	*Dr. C. M. Strand	101 W. Park Street. 3322 118 So. Water St. 201	
Viroqua	Dr. Lars Gullstrandsen	243 W. Maple St. 40 110 S. Main Street 7	
La Crosse	†Dr. J. F. Egan	121 So. 15th St. 239 238	
La Crosse	Dr. F. A. Douglas, Oculist	1327 Main St. 4-3828 508 Batavian Bank Bldg., 319-21 Main St. 4-3050	
La Crosse	Dr. S. Gundersen	218 So. 14th St. 2-3676 303-5-7 State Bank Bldg., Cor. 4th & Main St. 4-5337	
La Crosse	Dr. M. McGarty	109 So. 14th St. 4-5302 1836 South Ave. 2-5265	
La Crosse	†Dr. Gerard I. Uhrich	1216 Main St. 4-4473 509 State Bank Bldg., Cor. 4th & Main St. 4-5240	
La Crosse	Dr. James C. Fox	527 No. 24th Street 4-4589 508 Batavian Bank Bldg., 319-21 Main St. 4-3050	
		2-2322 508 Batavian Bank Bldg., 319-21 Main St. 4-3050	

†Indicates surgeons equipped to conduct physical examinations of employees for entrance into service, promotion, or re-examination.

*Indicates surgeons equipped to conduct physical examinations of employees for re-examination only.

§Indicates Salaried company surgeons who should be used whenever possible.

TONNAGE RATINGS

STATIONS (Westward)	S2 Eng.	L3 Eng.	L2 Eng.
Milwaukee to Brookfield	3850	2950	2600
Milwaukee to Portage (Pusher Milwaukee to Brookfield)	5500	4000	3500
Portage to Sparta (Pusher Tomah to Tunnel City)	5300	4000	3300
Sparta to LaCrosse	6500	4500	3500
Tomah to Sparta (Without pusher)	3800	2850	2400
(Eastward)			
LaCrosse to Tomah (Pusher Sparta to Tunnel City)	5300	4000	3400
Sparta to Tomah (Without pusher)	3200	2000	
Tomah to Portage	6000	4400	
Portage to Watertown	5500	4000	3400
Watertown to Milwaukee	6000	4400	3750

Chief Dispatcher may increase or decrease above rating according to conditions.

WATCH INSPECTORS

LOCATION	STREET ADDRESS	NAME
Milwaukee	332 W. Wisconsin Ave.	H. Hammersmith
Milwaukee	3524 W. National Ave.	J. Grandlich
Milwaukee	1116 W. National Ave.	Rudolph R. Koch
Milwaukee	2369 S. Kinnickinnic Ave.	M. H. Klopf
Oconomowoc	102 E. Wisconsin Ave.	G. Radanovich
Watertown	13 Main St.	W. Wiggenhorn & Son
Portage	124 W. Cook St.	W. H. Maloney
Madison	330 State St.	Ray W. Nelson
Madison	9 West Main St.	E. W. Parker, Inc.
New Lisbon	Bridge Street	W. S. Sargent
Tomah	1011 Superior Ave.	James S. Langwill
Sparta	112 So. Water St.	Hoag Bros.
La Crosse	1213 Caledonia St.	Pauls Jewelry Store
La Crosse	429 Main St.	Glyn Cremer

SPECIAL INSTRUCTIONS

ALL SUBDIVISIONS

17

G-1 Engineers operating engines equipped with the oscillating emergency red headlight will be governed by the following:

When the air brakes are applied from any cause other than in normal operation by the engineer, or when it is found necessary to stop train due to some defect, or under circumstances which might cause a derailment and the fouling of adjacent main track, engineer must immediately display the oscillating red headlight.

Engineers on approaching trains will take notice and immediately bring train to a stop, and will not proceed until track is found to be safe and clear for their movement.

These instructions are applicable at all times, both day and night. The emergency headlight should not be used for any other purpose.

The operation and use of this device does not in any way relieve trainmen and enginemen from full compliance with Rules 99 and 102.

Emergency Red Rear End Lights. Trainmen on trains equipped with oscillating emergency rear end lights must familiarize themselves with the location of the switches which control the lights and will be governed by the following:

The emergency red rear end lights will be used on trains so equipped in the following manner:

To provide protection to trains on adjacent tracks as required by Rule 102.

To provide supplemental protection under Rule 99 in all circumstances where its use is necessary to stop following trains on one or more tracks.

A following train observing this emergency red light displayed must immediately reduce to restricted speed and be governed by instructions of flagman.

The use of this emergency red light does not in any way relieve the flagman from full compliance with Rules 99 and 102.

Portable emergency red lights must be removed before coupling onto the car.

G-2 The Mars white light on engines so equipped shall be used at all times between the hours of sunset and sunrise, and during daylight hours on days that are dark, or during sleet, snow, fog or rain, such as would impair the vision of motorists and hinder them from observing approaching trains, except the light must be turned out when moving through certain portions of large terminals and yards where yard engines are employed, approaching junctions, or meeting points, or while standing at those points, and when approaching trains in the opposite direction on double or three or more tracks.

In case of failure of the regular headlight, the Mars white light should be used in stationary position as the headlight.

G-3 Where Approach signals are used in connection with facing point switches or manual block signals, the switch or block signal will be considered as the Home signal.

G-4 Employees are prohibited from:

Removing any of the appliances of engines or cars that will endanger the safety of themselves or others.

Standing on top of high cars while passing under bridges or through tunnels.

Getting on the end of an engine or of a car as it approaches them.

Going between or running ahead of moving cars to couple, uncouple, open, close, or arrange knuckles of couplers.

Working on the side of cars or trains where there are buildings, sheds, cattle chutes, or other projections.

Kicking or holding draw bar in position to make a coupling with an approaching car or engine.

Following other dangerous practices.

G-5 When, for any reason, adjustment is necessary to a draw bar, knuckle pin, or locking block prior to making coupling or when coupling does not make, the engine or cars must be separated not less than 20 feet and action taken to prevent the cars from moving before going between the cars to make the adjustments.

G-6 Whenever a car without a drawbar or draft timber is to be moved by a train or engine and it is necessary to chain the car to other cars or engines, employees are prohibited from going between such car and other cars or engines until the persons performing the work have a thorough understanding with the engineer and other members of the train crew. During the process of chaining up the car, the car itself must be properly secured while being chained to other cars, and if the car is to be chained to the engine, then the car must be secured and the brakes on the engine set to avoid a movement of any kind. The engineer must not release the brakes until he has received verbal information that all employees are out from between the cars or engines, and under no circumstances must employees again go between such car or cars and engines until the engineer and other members of the train crew have been notified and the car properly secured and the engine brake set.

G-7 Employees must not handle or board cars or engines that bear BAD ORDER cards without first ascertaining the nature of the defect so that they may guard against injury.

G-8 When using hand holds and ladder or stirrup steps to descend from engines, cars or other equipment, employees must face the equipment and be sure of a secure handhold and footing.

G-9 Employees must not step on track rails nor other similar objects when it can be avoided.

G-10 When run-ways, gang-planks or skids are used in handling freight to or from cars, they must be secured to prevent slipping.

G-11 Lighting enginemen's torches by holding them in the fire box is hazardous and must not be permitted.

G-12 Employees are prohibited from riding:

"On engine footboards or pilot steps between engine and car when cars are being pushed.

"On leading footboard or pilot steps while coupling engine to cars.

"On deadwoods, drawbars, brake beams, journal boxes and brake wheels.

"On ends of cars containing lading which may shift.

"On engine pilot or footboards, sides or ends of cars, while going in or out of depressed tracks.

"On forward footboard or pilot steps of engine in direction the engine is moving except in cases where operating conditions make it necessary for safety and then only one employee must ride on the footboard.

"In the gangway of engine."

DEFINITIONS

G-13 When necessary to go outside when locomotive is either standing or moving, extreme caution must be exercised to avoid slipping or falling from cab ledge (catwalk) or running board. Cab ledge (catwalk) is not to be used on standing locomotives when access to the running board can be had by other means.

G-14 The use of gasoline stoves in Railroad Company's equipment or buildings is prohibited; the use of oil stoves other than modern kerosene stoves (preferably those bearing the Underwriter's label) is also prohibited.

This does not apply to U. S. Army Field Ranges when installed under the supervision of a U. S. Army commissioned officer and operated by his men.

G-15 The provisions of Rule 815 also apply to transfer movements within yards.

G-16 All 44-ton Diesel Engines dead in freight trains must be handled at rear of train just ahead of the caboose and when a pusher engine is placed on the rear of the train, the 44-ton Diesel Engine must be placed behind the pusher. When there is a 44-ton dead Diesel Engine in the rear of the train, the train must not be pushed nor pulled from the rear, and the dead Diesel Engine must not be handled in switching movements in conjunction with other cars.

The following equipment must not be towed or operated under its own power through water in excess of the maximum height of water above rail shown below. When towed or operated under own power through water of lesser depth than that shown below, a speed of three miles per hour must not be exceeded.

"Diesel power units 600 and 1000 H. P. Switchers, 4½ inches, all other Diesel Engines and Gas-Electric Motor cars, 3 inches."

When operating through water under own power, controller should be in Series position.

G-17 The following cars, loaded or empty, will be handled next ahead of the caboose giving preference in the order shown, except that at least one car must be handled between a flat car loaded with rails and the caboose:

Bad order cars.

Wood underframe flat cars.

Switch rear "S.R." cars.

G-18 Unoccupied outfit cars of steel underframe or steel center sill construction when inspected and passed by a Car Department inspector, may be hauled in any part of the train.

G-19 For the comfort of the passengers, the air-conditioning on our air-conditioned passenger trains should be kept operating as long as possible. When approaching stations where cars are to be picked up or set out between the engine and the rear car, the steam line must be blown out at the proper place and the steam shut off before the train cars are to be set out between the engine and the rear car, the fireman will simply shut off the steam as soon as the train stops in the station.

G-20 In case of heavy rain or violent windstorm, the operator must notify the section foreman.

G-21 A yellow flag by day stencilled ELECTRIC CHARGE LINE and in addition, a yellow light by night, placed at one or both ends of a passenger car standing on a yard track, indicates that the battery of the car is connected to a charge line. When thus protected, it must not be coupled to or be moved before the charge line has been removed. Other equipment must not be placed on the same track so as to intercept the view of the yellow signals without first notifying the workmen; in the absence of the workmen, the signals may be moved to the end of the equipment so placed to afford the necessary protection.

G-22 Centralized Traffic Control.—A block or a series of consecutive blocks, the signals of which, together with certain switches, are controlled from a central location.

Remote Control Interlocking.—A system of operating outlying signal appliances from a designated point.

C.T.C.—Abbreviation for Centralized Traffic Control.

CENTRALIZED TRAFFIC CONTROL

G-23 (a) On portions of the railroad so specified in the timetable, trains will be governed by block signals whose indications will supersede the superiority of trains for both opposing and following movement on the same track.

(b) Except as affected by Special Instructions G-23 (a), all block signal rules and operating rules remain in force.

(c) The movement of trains and engines will be supervised by the Train Dispatcher, who may also control the CTC. When the CTC is controlled by other than the Dispatcher, the Dispatcher will issue the necessary instructions to the operator at the control station, location of control station will be designated by special instructions.

(d) Trains or engines must not enter CTC territory unless the governing signal displays a Proceed indication or unless authority is obtained from the authorized employee at the control station.

(e) In case of failure of a Stop signal, authority to proceed will be issued orally by the authorized employee at the control station.

(f) Trains or engines must not move beyond the limits of CTC territory without the proper authority including the information required by Rules S-83 and D-83.

(g) When the governing signal displays a Stop indication and the operator knows that the interlocked switches are in proper position and there are no opposing or conflicting train or engine movements involved, he will authorize the train or engine to proceed in the following form:

"You may proceed at restricted speed to the next signal."

If the operator does not positively know that there are no opposing or conflicting train or engine movements involved or that the interlocked switches are in proper position, he will issue authority to proceed in the following form:

"You may proceed under protection of a flagman to the first signal that displays a Proceed indication."

These instructions must be repeated by the conductor or engineer to insure correct understanding.

See Rule 663(A).

(h) When the governing signal displays a Stop indication for an approaching train or engine and the means of communication have failed, the train or engine may proceed at restricted speed, when preceded by a flagman, to the next signal that displays a Proceed indication, or to the next point of communication. Flagman must be sent far enough in advance to insure full protection.

(i) Where main track switches are not interlocked or equipped with electric locks, when a train or engine enters a siding or other track or makes a crossover movement, the operator in charge must be notified

when the movement is complete and the main track switches have been closed and locked. The switches must not be opened nor will the train or engine enter upon or foul the main track without first receiving authority from the operator.

(j) A train or engine must not move in the opposite direction to that authorized by the governing signal without proper authority from the operator, unless preceded by a flagman sent far enough in advance to insure protection.

(k) Instructions for the operation of the electric locks on hand operated switches are posted in telephone booths or on the inside of the door of the locks.

(l) Dual Control switches are located at Interlocking in CTC territory. See Rules 663 (A), 663 (B) and 663 (C).

GENERAL SPEED RESTRICTIONS

G-24 When freight cars (except cars that are equipped for passenger train service) are hauled in a passenger train, the maximum speed of that train will be that prescribed for freight trains in that territory unless a different speed is authorized by bulletin or train order.

G-25 Diesel or Electric engines with unobstructed view in either direction may be operated at permissible speeds in either direction.

Diesel or electric engines with restricted view in one direction must, when operated in that direction, reduce speed to the extent necessary for safe operation.

Dead engines must not be hauled in trains without instructions from the chief dispatcher and must be accompanied by a competent rider, except a rider is not required for Gas-Electric or Diesel Engines.

Diesel engines moving dead in train will come under the provisions of Rule 806 and when the doors of the locomotive are locked and the hand brake is not accessible, a freight car with operative hand brakes must be coupled to the diesel with uncoupling mechanism made inoperative.

A rider is not required for dead engines handled by yard crews in terminals, except where condition of dead engine or other circumstances may require for safe movement.

Engines with side rods removed from one side only, must not be hauled in trains.

Dead engines equipped with wood underframe tenders, when hauled in trains, should be placed in the rear of the train just ahead of any Switch Rear cars.

G-26 Gas-Electric Motor cars should not be hauled dead in trains unless disabled. When necessary to haul such cars dead in freight trains, they should be hauled on the rear of short freight trains.

G-27 Dead engines must not be hauled backward in train if it can be prevented and then only at slow speed.

Conductors will notify engineers when one or more dead engines are to be hauled in trains and the conditions under which they are being handled, so that the speed may be regulated accordingly.

G-28 When dead engines with side rods disconnected are hauled in trains there must be at least 8 cars between engines so hauled.

G-29 Dead engines of Class K type or larger when hauled in trains should be placed approximately 10 cars from the road engine.

G-30 Unless otherwise restricted, the following equipment must not be moved in excess of the maximum speeds shown below and further reduction must be made where conditions require:

Type of equipment

Trains handling loaded air dump cars (must stop when meeting trains on double track)	25
Work trains with workmen or occupied outfit cars	25
Lidgerwood unloaders	15
Scale test cars, on Branch Lines 20, on Main Line	25
Class I engines	25
Passenger trains handled or helped by freight engines with single trucks	60
F-5 and F-6 engines (on divisions or portions of divisions where authorized to be used)	75
K-1 engines on passenger trains (but must not be used except in extreme emergency)	45
L-2 and L-3 Engines (on divisions or portions of divisions where authorized to be used)	50
S-2 and S-3 engines (on divisions or portions of divisions where authorized to be used)	70
Dead engines with side rods disconnected	15
Dead engines with side rods in position	25
Dead engines with all rods connected, pistons removed and valve motion disconnected	45
Engines with side rods off and main rods connected when working steam, running light or in train	15
Engines (other than (Mallet type) with side rods in position and one main rod removed, light or hauling cars	25
Mallet type engines working steam with one main rod removed	20
Diesel switchers, either dead in train or operating under their own power (except 600 H.P. Alco switchers 1600 to 1603 inclusive)	45
600 H.P. Alco switchers, series 1600 to 1603 inclusive	40
All 44-ton Diesel engines	
When moved dead in train	25
When under own power	30

G-31 Unless otherwise specified, the speed of all trains or engines approaching interlocked railroad crossings must be reduced, and passenger trains must not exceed 45 miles per hour and other trains or engines 25 miles per hour when passing over such crossings. The stated speed must be further reduced where conditions require. This does not apply to railroad crossings protected by automatic signals or gates; trains and engines will approach such crossings a restricted speed and if proper proceed indication is received, may pass over the crossing at the speed prescribed by Special instructions or bulletin.

The speed of all trains must not exceed 20 miles per hour while passing over railroad crossings protected by signals or gates unless otherwise specified.

G-32 The speed of trains handled by Gas-Electric or other similar type power, when consisting of power unit only, must not exceed 10 miles per hour when approaching and passing over railroad crossings protected by automatic signals.

G-33 That enginemen may have knowledge of the maximum permissible speed around curves and at points where normal authorized speed must be restricted, a yellow sign with the black letters R.S. and black figures and placed at an upward angle of 45° on the right hand side of the track, indicates that the permissible speed beginning 3000 ft. distant corresponds in miles per hour, to the figures shown. A yellow sign with the black letters R.S. and placed in a vertical position on the right hand side of the track, indicates that normal speed may be resumed.

These signs do not apply to trains which by time-table or other instructions, are restricted to a slower speed.

Where these signs have two sets of figures the outside figures apply to the movement of freight trains and those nearest the track apply to passenger trains.

G-34 Spring switches:

Movement in facing point direction over a spring switch equipped with facing point lock may be made at normal speed. Movement in facing point direction over a spring switch not equipped with facing point lock must not exceed 25 miles per hour. If switch is lined for turnout, the allowable turnout speed must be observed.

Movement in trailing point direction over a spring switch on track for which the switch is lined may be made at normal speed.

Movement in trailing point direction which springs the switch points must not exceed 40 miles per hour.

If movement is through turnout the allowable turnout speed must be observed.

See Rules 520 to 525 inclusive.

G-34 (A) Spring switch must not be thrown by hand when wheels are standing on any part of the switch points, nor before the points have completed their full movement after being trailed through.

G-35 In addition to Consolidated Code Rule 801 about handling of occupied outfit cars, the following will also apply on this Railroad:

When occupied outfit cars are set on a siding, the switches at each end should be spiked to prevent any possibility of a train striking the cars.

The same principle will also apply when such cars are placed on other side tracks; but when for operating reasons, it is not practicable to have the switches spiked, the train dispatcher must be notified.

When occupied outfit cars are standing on other than siding and the switches on each end are not spiked, a yellow signal must be displayed on each end of the outfit cars. Under such conditions, the cars must not be moved except when necessary and then only after the man in charge has given his permission. When other cars are placed on the same track, the yellow signal must be moved to the end of the string of cars on that track where it can be plainly seen.

G-36 When a train order office is closed during the period authorized by timetable or bulletin, the light in the train order signal will be extinguished.

G-37 Excessive use of sand at any point is prohibited and its use must be restricted to actual necessity.

G-38 When passenger trains are unusually delayed passengers should be informed as to cause and extent of delay.

Conductors will make suitable announcements to passengers on trains, or arrange for brakemen and sleeping or parlor car employees to do so.

Agents or station masters will see that such announcements are made to passengers in stations when waiting for delayed trains.

Public Address System should be utilized both at stations and on trains when available.

G-39 In complying with Rule 3, of the Consolidated Code of Operating Rules and General Instructions, the prescribed form for yardmasters and foremen of yard engines to register the time when watches are compared will be the place provided on back of time slip Form 3256.

G-40 When two or more Diesel engine units are coupled together, the numerals and suffix letter of the leading unit will be illuminated at all times when in service. The numerals and suffix letter of trailing units must not be illuminated. The number and suffix letter of the leading unit only to be used in train orders.

X-1 Trains handling steam derricks must not exceed the following speed limitations. The indicated maximum speeds should be further reduced on tangents and on curves where track is not in proper condition for the specified maximum speeds.

	On Tangent	On
Between	Track	Curves
Milwaukee and Grand Ave.	28 MPH	20 MPH
Grand Ave. and La Crosse	40 MPH	25 MPH
Watertown and Mile Post 164 on Third Sub-Division	35 MPH	20 MPH
Mile Post 164 and Madison on Third Sub-Division	15 MPH	10 MPH
Portage and Madison	15 MPH	10 MPH
Sparta and Viroqua	15 MPH	10 MPH
Westby Jct. and Chasburg	10 MPH	5 MPH

Trains handling steam derrick X-17 which is the new 200-ton crane located at Milwaukee, must not exceed 15 miles per hour passing over Arnold Avenue subway between the Air Line and West Allis. 15 MPH over Bridge C-94½ located 0.7 mile west of Watertown. Must not be handled over Bridge C-94½ on eastward passing track Watertown. 15 MPH over Bridge C-182½ located 0.4 mile east of MP 165 between Rio and Wyocena. 15 MPH over Bridge C-202 located 0.4 mile east of MP 174 between Wyocena and Portage.

X-2 Trains handling rotary snow plows, locomotive cranes, Jordan Spreaders, shovels, pile drivers and ditching machines must not exceed speed limitations shown below. The indicated maximum speeds must be further reduced on tangents and curves where track conditions do not justify the specified maximum speeds. Engine and train crews will make frequent observations of how these machines are riding and when in damaged or questionable condition, or when this equipment is hauled in trains with the heavy end trailing, the speed must be further reduced to insure safe movement.

	On Tangent	On
Between	Track	Curves
Milwaukee and La Crosse	35 MPH	25 MPH
Watertown and Mile Post 164 on Third Sub-Division	20 MPH	15 MPH
Mile Post 164 and Madison on Third Sub-Division	15 MPH	10 MPH
Portage and Madison	15 MPH	10 MPH
Sparta and Viroqua	15 MPH	10 MPH
Westby Jct. and Chasburg	10 MPH	5 MPH

X-3 The speed of all trains or engines passing through turnouts must not exceed 13 miles per hour except those turnouts laid with long frogs and designated by Special Rule or bulletin where the speed may be increased to 25 miles per hour, unless otherwise authorized.

Location of turnouts laid with long frogs:

Station	Location
Wauwatosa	Crossover opposite the depot.
Elm Grove	Air Line connection.
Elm Grove	Crossover west of the depot.
Brookfield	Long crossover east of depot.
Brookfield	West turnout of westward siding.
Brookfield	Crossover west of the depot.
Duplainville	Crossover at the interlocking.
Pewaukee	Crossover near the old freight house.
Hartland	Crossover east of the depot.
Oconomowoc	Crossover near the freight house.
Ixonia	Crossover east of the depot.
Watertown	Crossover east of river.
Watertown	Crossover east of depot.
Watertown	East turnout of eastward siding.
Voltz	West turnout of westward siding.
Lyndon	Crossover west of depot.
Mauston	Crossover east of depot.
New Lisbon	West end of westward siding.
Tunnel City	End of double track.
Raymore	End of double track.
Camp McCoy	Crossover west of depot.
W. Camp McCoy	Crossover east of depot.
Sparta	West turnout of westward siding.

Sparta	Remote controlled crossover from eastward main track to Fifth Subdivision.
Medary	Crossover opposite tower.
Grand Crossing	Crossover opposite tower.

X- 3 (A) All spring switches are equipped with facing point locks, permitting maximum permissible speed in the territory involved while moving against the points. The speed must not exceed 25 M.P.H. while moving against the points at the following spring switches: (See special instruction G-34.)

L. & R. First District None

X- 4 Interlocked railroad crossings.

Location

	Hiawatha Trains	Other Passenger Trains	Freight Trains
Grand Avenue	35 m.p.h.	35 m.p.h.	25 m.p.h.
Duplainville	80 m.p.h.	70 m.p.h.	50 m.p.h.
Watertown, Eastward track	35 m.p.h.	35 m.p.h.	25 m.p.h.
Watertown, Westward track	50 m.p.h.	50 m.p.h.	50 m.p.h.
Portage Jct	50 m.p.h.	50 m.p.h.	25 m.p.h.
Camp Douglas	70 m.p.h.	70 m.p.h.	45 m.p.h.
Medary	70 m.p.h.	70 m.p.h.	45 m.p.h.
Grand Crossing	50 m.p.h.	50 m.p.h.	25 m.p.h.

X- 5 Five minute fuses should be used in Automatic Block System territory and 10 minute fuses should be used in other territories.

FIRST AND SECOND SUBDIVISIONS

X- 6 Speed restrictions (in addition to general speed restrictions).

At Milwaukee, trains and engines must not exceed 12 miles per hour between the passenger depot and North Plankinton Avenue.

Eastward trains or engines, including transfers, about to enter the freight yard at Milwaukee through Cut Off may apply the provisions of Rule 516 to signal 2-0 located just west of the connection into the freight yards.

Between Milwaukee and Grand Ave., trains will not exceed 35 miles per hour over crossing at 13th Street, and 20 miles per hour on curve at 8th Street.

At Wauwatosa, trains must not exceed 35 miles per hour between east city limits and Main Street.

No. 55 will not exceed a speed of 30 MPH through Pewaukee while dispatching mail.

At Portage, trains must not exceed 40 miles per hour between the switches of the yard.

At Raymore, the speed of eastward trains must not exceed 50 miles per hour. Westward trains, when moving against the current of traffic, must not exceed 25 miles per hour through the turnout.

Class S-2 and S-3 engines must not exceed 70 miles per hour when hauling a train nor 45 miles per hour when running light.

The speed of steam engines when running backward, either light or handling trains, must not exceed 25 miles per hour on First and Second Sub-Divisions.

X6A Eastward trains or engines moving over the eastward track over Copeland Avenue at La Crosse will be governed by signal indications, and eastward trains moving over other tracks will not move over Copeland Avenue until they receive a hand signal from the operator at Copeland Avenue.

X- 7 In Automatic Block Signal territory Manual Block System Rules will apply when trains are run against the current of traffic.

X- 8 Within the yard limits of Milwaukee, the officials of the Milwaukee Terminal Division have jurisdiction.

X- 8 (A) Trains or engines approaching the passenger station at Milwaukee from the west must stop at the illuminated stop sign located 300 feet west of the Sixth Street viaduct, unless proceed signal is given by the Switchtender at Fifth Street.

Trains or engines leaving passenger station at Milwaukee will not proceed unless proceed signal is given by the Switchtender at Second Street and Fifth Street.

X- 8 (B) At Milwaukee, eastward freight trains and engines that are to enter the yard at the Cut-off will be governed by a light signal located on the overhead pass at 36th Street.

When a yellow light is displayed, eastward freight trains and engines may proceed to Cut-off to enter the yard. When no light is displayed, eastward freight trains and engines must stop west of 36th Street and remain until yellow light is displayed, or permission to proceed is received from Switchtender at the Cut-off.

Telephone for communication with Switchtender at Cut-off is located at the crossing flagman's shanty at 36th Street.

If for any reason eastward freight trains or engines are stopped west of the signal, the head man will immediately go to the telephone and ascertain from switchtender at the Cut-off when movement can be made.

X- 9 Train orders for movements between Milwaukee and Grand Avenue will be issued over the signature of the superintendent of the L&R Division.

X-10 When extra trains are run to Milwaukee or Cut Off, the train order must read "Via Wauwatosa" or "Via West Allis."

X-11 Within the City Limits of Milwaukee, enginemen will not sound the whistle except when necessary to prevent injury to persons or damage to property, or when necessary to warn or signal employees or the public. The bell must be rung continuously when train or engine is moving within city limits.

At Oconomowoc, the steam whistle must not be sounded within the city limits except in case of emergency and to prevent an accident.

At Wisconsin Dells, the whistle must not be sounded between the whistle posts located on either side of the highway crossing 0.8 mile east of the depot except in case of emergency and to prevent an accident. Signal 14(1) given by trains for this crossing must end at the whistle post 80 rods from the crossing.

X-13 At Duplainville, a light will not be displayed on train order signal until interlocking route is lined for movement of a train.

X-14 At Brookfield, Rule 83(B) does not apply to eastward trains when operators are not on duty.

X-15 All La Crosse and River Division eastward second and inferior class and extra trains may run ahead of No. 308.

X-16 At Brookfield, the eastward train order signal located on the Madison Division, governing eastward movements off the Madison Division, will be controlled from Brookfield during the hours that office is open and from Grand Avenue during the hours Brookfield is closed.

When this signal indicates "Proceed" as per Rule 200-C, eastward trains off the Madison Division may run ahead of eastward first class trains Brookfield to Grand Avenue. The operators at Brookfield and Grand Avenue must not display the Proceed indication of this signal without instructions from the train dispatcher of the La Crosse and River Division.

X-17 At Watertown, the train order signal governs First Subdivision trains only and Rule 83 (B) does not apply to eastward first-class trains entering the First Subdivision from the Third Subdivision if the train order signal indicates Proceed as per Rule 200-C.

X-18 At Watertown, the lower arm or light of the westward signal governs movements from the westward to the eastward main track through the hand operated cross-over located just east of the crossing.

Eastward third subdivision trains or engines moving to the first subdivision must not exceed a speed of 15 MPH over the C&NW crossing.

The normal position of the crossing gates is against movements on the C.M.St.P.&P.R.R. To line the gates for a movement on the engine house lead, the Master gate, which is located on the west side of the crossing, must be swung over and at right angles to the C.&N.W.Ry. tracks. Trains or engines on the engine house track must come to a stop (regardless of the position of the gates) and the gates must not be swung nor the crossing occupied until any train or engine approaching on the C.&N.W.Ry. track has either passed over the crossing or has come to a stop. Trains or engines on the engine house lead must wait 3 minutes after the gates are swung before proceeding over the crossing.

At Watertown, whistle must not be sounded within city limits except in case of emergency.

X-19 At Portage Jct. a derail, pipe connected and arranged to operate in conjunction with the interlocked switch in the westward main track. In case it is necessary to make movement through the interlocking on authority of the operator and under flag protection, the derail in addition to the switch must be examined to make sure that it is in proper position before movement is made.

X-20 At Portage, the light indicating the position of the switch of the track leading to freight house is located on a bracket under eaves on track side of depot.

X-21 At Portage, eastward Automatic Block signal 92-2, located approximately 3000 feet west of the depot, has three arms; the upper arm or light is an Automatic Block signal, the two lower arms or lights are Routing signals. The middle arm or light governs movements from the eastward to the westward main track through the hand-operated crossover located approximately 500 feet east of the signal. The lower arm or light governs movements from the eastward main track to the yard through the hand-operated crossovers located approximately 500 and 750 feet east of the signal. The movements through the crossovers must be made at restricted speed.

X-22 At Portage, the train order signal applies only to first class trains operating through, in either direction, between the first and second subdivisions and Rule 83 (B) does not apply to such trains if the train order signal indicates Proceed as per Rule 200-C.

X-23 C. T. C. operation between Tunnel City and Raymore is controlled by the train dispatcher at La Crosse.

Special Instructions G-23 in conjunction with the rules of the Consolidated Code of Operating Rules and General Instructions will govern the movement of trains or engines within this territory.

X-24 Manually controlled crossing signals, to be used for switching movements, are located at:

Elm Grove Highway "O", west of depot
 Oconomowoc, at Wood St.
 at Lapham St.
 at Concord Rd.
 Columbus, at Spring St.
 at Birdsey St.
 Bangor at Dutch Creek Road
 West Salem at Mill St.
 at Leonard St.
 See Rule 103(C).

AUTOMATIC BLOCK AND CAB SIGNAL SYSTEM

X-25 Automatic Cab Signal indicators supplement Automatic Block Signals in governing the use of blocks, but do not supersede the superiority of trains nor dispense with the use or observance of Automatic Block, Interlocking or other signals and rules governing them, except as provided for in Section (e).

(a) A green light displayed in the Automatic Cab signal indicator indicates Proceed.

(b) A yellow light in the Automatic Cab signal indicator indicates Prepare to stop at next signal. Trains exceeding medium speed, must immediately reduce to that speed.

(c) A red light in the Automatic Cab signal indicator indicates Prepare to stop—expecting to find a train in the block, broken rail, obstruction or switch not properly set.

(The above indications do not apply when moving in non-automatic cab signal territory or against the current of traffic.)

(d) When the Automatic Cab signal indicator changes to a more restrictive indication, the engineer must immediately control the train in accordance with the cab signal indication.

(e) When the Automatic Cab signal indicator changes to a less restrictive indication, the train may proceed in accordance with the new indication after the train has moved its own length beyond the point where the indication changed.

(f) Should cab signal and fixed signal conflict, the more restrictive indication will govern.

The cab signal may be cut out under the following conditions: After passing through not less than two consecutive blocks where there is a conflict between the cab signal and fixed signal indications, the cab signal may be cut out and the train may proceed in accordance with the indications of the fixed signals, but at not to exceed 40 miles per hour, to the first available point of communication, where report must be made to the train dispatcher. Train will then be governed by the indications of the fixed signals, but at not to exceed 79 miles per hour, unless a lower speed is provided by time table or other instructions, keeping clear of occupied block. After waiting one minute at stop and proceed or grade signal in stop position it may be regarded that there has been a failure of way-side signal and train may proceed at restricted speed until a more favorable signal indication is encountered.

(g) The opening of switches and derails operate to cause Automatic Cab signals of approaching trains to display restrictive indication. Trainmen and others must guard against any unnecessary restrictive speed indication.

(h) When operating in Cab Signal territory with Cab Signal cut out, the fireman must be so advised and such additional precautions must be taken as conditions may require.

(i) An engineman taking charge of an engine in Automatic Cab Signal territory must check with engineman relieved as to whether the Cab Signal is in service and functioning properly.

(j) Cab Signals must be cut out in the trailing cab of diesel engines, on engines running backward, or on other than the leading engine when more than one engine on train.

TRACK RESTRICTIONS AS TO VARIOUS CLASSES OF POWER.

Tomah engines must not use track known as Old Valley Passing Track.

C-2 or larger engines must not be used on the following tracks:

WAUWATOSA	Bliffert cement track.
WATERTOWN	Brick track.
	Perfection Table Slide.
	Watertown Grocery Co.
	East Side industrial tracks and West Side industrial tracks.

L-2 or larger engines must not be used on the following tracks:		SPARTA	Tracks No. 1, 2, 3 and 4. Old eastward siding east of the overhead bridge. Storage track next to the old eastward siding.
WATERTOWN		S-2 engines may use the portion of the Viroqua Line extending from the switch east of the depot at Sparta to 500 feet east of the C&NW crossing on the Fifth Sub-Division.	
Malt House. Cities Service. Van Camps. G. B. Lewis Co.		WEST SALEM	All tracks north of main tracks, except westward siding from first farm crossing east of crossover from westward main to west end of stockyard. C&NW transfer track.
PORTAGE		X-27	The maximum height of cars or lading through tunnel No. 1 west of Tunnel City: 16 feet 10 inches high above rail when 6 feet wide, 16 feet 7 inches high above rail when 7 feet wide, 16 feet 3 inches high above rail when 8 feet wide, 15 feet 10 inches high above rail when 9 feet wide, 15 feet 5 inches high above rail when 10 feet wide, 14 feet 10 inches high above rail when 11 feet wide.
TOMAH		X-28	Remote Control Interlocking.
Old bunk car field south of highway crossing. Old Valley siding. New Coach yard.		Station	Location
SPARTA			By Whom Operated
Track back of the coal shed.		Elm Grove	Air Line switch Operator Grand Ave.
L-3 or larger engines must not be used on the following tracks:		Watertown	West end Eastward Operator Watertown siding
WAUWATOSA		Voltz	East end Westward Operator Watertown siding
All tracks except the siding and house track from main track to freight house.		Portage	Portage Jct., Main track crossover and connections with L&R Divn. Fourth Sub-Division L&R Divn. and Milwaukee Divn., 4th Sub-Division
PEWAUKEE		New Lisbon	West end of Eastward Operator New Lisbon siding
HARTLAND		Sparta	Crossover 2½ miles west of Sparta depot leading from Eastward Main track Second Sub-Division and the Fifth Sub-Division
OCONOMOWOC		THIRD AND FOURTH SUBDIVISIONS	
Carnation plant. Oconomowoc Lumber Co. Oconomowoc Can Co. Old Oil track. Standard Oil Co. track. Power House track.		X-33	Speed restrictions (in addition to General Speed Restrictions).
S-2 and S-3 engines must not be used on the following tracks:		The speed of steam engines when running backward, either light or handling trains, must not exceed 25 miles per hour on Third Sub-Division, and 15 miles per hour on Fourth Sub-Division.	
COLUMBUS		F-6, L-2 and L-3 engines and crane X-17 are restricted to 15 miles per hour over bridge C-574 located 0.7 miles east of MP-147 between Marshall and Waterloo.	
OCONOMOWOC		All trains will not exceed speed of 35 miles per hour while passing through the Village of Waterloo, Wis.	
IXONIA		Within the city of Madison, the speed of all trains and engines must not exceed 15 miles per hour.	
WATERTOWN		On the Fourth Sub-Division, Class F-5 engines must not exceed 35 miles per hour at any point.	
House track.		Between Darwin and Windsor, trains must not exceed 25 miles per hour over Sanderson Marsh.	
Team track.			
House track.			
Way Freight track.			
Timber track.			
East Side No. 3 and No. 4 track.			
Transfer track.			
West Side No. 3 and No. 4 track.			
Rip track.			
North and South Coach track.			
Milk Products track.			
Hill track.			
FALL RIVER			
Stock Yard track west of the stockyard.			
RIO			
Elevator track.			
Team track.			
PORTAGE			
All tracks except tracks north of the main tracks, engine track and old main line south of eastward track from east end to first frog west.			
WISCONSIN DELLS			
Oil tracks No. 2 and No. 6.			
Lumber track No. 5.			
Side track to Anderson Mfg. Co. leading from eastward siding.			
S-2 engines can use the stock track from the east switch to the freight house platform, but must not pass the freight house platform.			
MAUSTON			
Pickle track.			
House track.			
Depot track.			
TOMAH			
Shop tracks.			

