

## AUTHORIZED SURGEONS

Dr. A. McEwan, Chief Surgeon.....St. Paul  
 Dr. H. S. Proud, .....  
 Dr. C. J. Hedlund, ..... Associate Surgeons, N. P. B. A.  
 Dr. R. M. Ahrens, ..... Hospital, 1515 Charles St.  
 Dr. J. E. Brown, ..... St. Paul  
 Dr. James Henry.....

## LOCAL SURGEONS

Dr. J. W. Prentice.....Ashland (s)	Dr. G. W. Franklin.....Northome
Dr. B. C. Prentice.....Ashland	Dr. Arthur W. Ide, Jr...Minneapolis
Dr. H. T. Petraborg.....Aitkin	Dr. D. M. Thysel.....Minneapolis
Dr. James B. Nixon.....Crosby	Dr. T. S. McClanahan.....
Dr. Roger E. Kelley.....Crosby	White Bear Lake (s)
Dr. C. M. Marshall.....Crosby	Dr. A. K. Stratte.....Pine City
Dr. Maurice Meller.....Brainerd	Dr. E. G. Nethercott.....Pine City
Dr. G. I. Badeaux.....Brainerd	Dr. H. W. Henry.....Hinckley
Dr. John H. Aga.....Brainerd	Dr. Thomas Moe.....Moose Lake
Dr. W. J. Lund.....Staples (s)	Dr. E. O. Hanson.....Cloquet
Dr. C. F. Reichelderfer.....Staples	Dr. J. K. Butler.....Cloquet
Dr. J. E. Nord.....Staples	Dr. J. W. McGill.....Superior
Dr. F. J. Parker.....Staples	Dr. Victor E. Ekblad...Superior
Dr. O. F. Ringle.....Walker (s)	Dr. C. M. Smith.....Duluth
Dr. Hector M. Brown...Walker	Dr. C. D. Eklund.....Duluth
Dr. E. W. Johnson.....Bemidji (s)	Dr. Noel Tosseland...Duluth
Dr. L. C. Lundsten.....Bemidji	Dr. A. J. Spang.....Duluth
Dr. R. P. Groschupf...Bemidji	Dr. J. S. Spang.....Duluth
Dr. W. F. Cantwell...International Falls (s)	Dr. W. M. Spang.....Duluth
Dr. F. H. Walter.....International Falls	Dr. R. J. Deutsch.....Duluth

## SPECIALISTS

Dr. M. F. Fellows, Oculist and Aurist, 1209 Medical Arts Bldg., Duluth.  
 Dr. T. J. Doyle, Eye, Ear, Nose & Throat.....1507 Tower Ave., Superior.  
 Dr. W. O. McLane, Eye, Ear, Nose & Throat.....Brainerd  
 D. L. Johnson, Oculist.....Brainerd

## C. M. ST. P. & P. SURGEONS

Dr. Cyril M. Smith..... 416 Medical Arts Bldg., Duluth

## LOCATION OF STRETCHERS

Duluth— Yard Office, Rice's Point Yard. Store Room, Rice's Point. 5th Ave. Yard Office. Union Depot. Car Shops. Roundhouse. Tool Car.	Superior— Freight Station. Central Ave. East End Yard Office. Ore Dock.
West Duluth, Yard Office. Ashland Freight Station. Iron River.	Wyoming— Hinckley— Carlton. Brainerd Passenger Station. Brainerd Shops. North Bemidji.

## NOTE

N. P. B. A. physicians and surgeons, when called upon, will attend to all cases of sickness and accident to employees, passengers and others. In a case of illness, or of injury unrelated to railway operation to other than N. P. B. A. members, surgeon should endeavor to collect a reasonable fee for service from person attended. If unable to collect, Chief Surgeon should be notified.

Where injuries, to other than N. P. B. A. members, are directly related to railway operation, charge for service should be sent to the General Claim Agent of the railway company.

In case of emergency, proper aid should be procured until arrival local surgeon, when case must be placed in his hands.

# NORTHERN PACIFIC RAILWAY COMPANY

## Lake Superior Division

# TIME TABLE 80B

To be used in conjunction with  
Special Instructions currently in effect.  
In Effect at 12:01 A. M. Central Standard Time.

## Tuesday, Sept. 3, 1963

For the Government of Employees only. The Company reserves the right to vary therefrom at pleasure. Be positive that you have the Current Time Table and the latest Special Instructions and destroy all previous numbers. Read carefully the Special Instructions and always carry a copy for reference and a copy of OPERATING RULES.

W. L. WOOD,  
Superintendent.

D. A. THOMSON,  
General Manager.

E. S. ULYATT,  
General Superintendent  
of Transportation.

Water, Fuel, Stables, Turn Tables, Wyes and Yard Limits.			Station Numbers.	Distance from Ashland.	Time Table No. 80B September 3, 1963		Distance from Central Ave.
Car Capacity of Sidings.		STATIONS					
Telegraph Offices and Calls							
RB WTX	Yard	0	0.0	JA.....	ASHLAND.....	PDN	67.3
		5	4.6		ASHLAND JCT.....		62.7
	50	10	10.2		MOQUAH.....	P	57.1
	S12	16	16.3		INO.....	P	51.0
	S10	24	23.8		TOPSIDE.....	P	43.5
W	25	28	28.3	RV.....	IRON RIVER.....	PD	39.0
	S 7	32	32.3		MUSKEG.....	P	35.0
	27	36	36.3	BX.....	BRULE.....	PD	31.0
	37	41	41.5		BLUEBERRY.....	P	25.8
	S 8	44	44.0		MAPLE.....	P	23.3
	17	48	48.1	AR.....	POPLAR.....	PD	19.2
	20	50	50.2		WENTWORTH.....	P	17.1
	S 5	57	56.7		CUTTER.....	P	10.6
X	Yard	61	61.7		ALLOUEZ.....		5.6
XY	Yard	63	63.2		EAST END.....	P	4.1
X	Yard	65	63.4		NEWTON AVENUE.....		3.9
X	Yard		64.8		HILL AVE.....	P	2.5
X			66.2		500 LINE CROSSING.....		1.1
XYR	Yard	67	67.3	AJ.....	CENTRAL AVE.....	PDN	0.0

EXCEPT ON DOUBLE TRACK, EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

### SPEED TABLE

Time Per Mile			Time Per Mile		
Minutes	Seconds	Miles Per Hour	Minutes	Seconds	Miles Per Hour
0	45	80	1	12	50
0	46	78.3	1	15	48
0	47	76.6	1	20	45
0	48	75	1	25	42.3
0	49	73.5	1	30	40
0	50	72	1	40	36
0	51	70.6	1	45	34.3
0	52	69.2	1	50	32.7
0	53	67.9	2	..	30
0	54	66.6	2	10	27.6
0	55	65.4	2	15	26.6
0	56	64.2	2	20	25.7
0	57	63.1	2	30	24
0	58	62	2	40	22.5
0	59	61	2	45	21.8
1	..	60	2	50	21.2
1	1	59	3	..	20
1	2	58	3	9	19
1	3	57.1	3	20	18
1	4	56.2	3	31	17
1	5	55.3	3	45	16
1	6	54.5	4	..	15
1	7	53.7	5	..	12
1	8	52.9	6	..	10
1	9	52.1	7	30	8
1	10	51.4	10	..	6

### COMMERCIAL SPURS

	Miles From Duluth	Car Capacity
<b>First Subdivision</b>		
A & B Cooperative Spur.....	73.7	7
<b>Second Subdivision</b>		
Zenith Gravel Pit Spur.....	29.8	30
<b>Third Subdivision</b>		
Gorham Spur.....	87.7	2
Winnick Spur.....	127.5	5
	Miles From Brainerd	
<b>Eighth Subdivision</b>		
Bemidji Bottle Gas Co. Spur.....	33.0	5
State Sanitarium Spur.....	60.1	5

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	FIRST CLASS		Distance from Garfield Ave.	Time Table No. 80B		Distance from St. Paul.	FIRST CLASS		
			65			September 3, 1963			66	56	
			Passenger	Daily		Passenger	Daily				
<b>STATIONS</b>						<b>STATIONS</b>					
Telegraph Offices and Calls						Telegraph Offices and Calls					
					0.0	..... GARFIELD AVE..... P	150.2				
X		L02			0.9	..... WEST D. M. & I. R. JCT.....	149.3		A	9.38 PM	
X					1.7	..... 500 LINE CROSSING.....	148.5			9.34	
X					2.6	..... D. W. & P. JCT.....	147.6			9.29	
X		L04			3.2	..... WEST DULUTH..... P	147.0		s	9.27	
XY		L 5			4.0	..... WEST DULUTH JCT..... P	146.2			9.25	
	26	L11		VIA SUPERIOR	10.3	..... SHORT LINE PARK..... P	139.9		VIA 2ND SUB-DIVISION	9.13	
	S10	L16		AND	15.0	..... BROWNELL..... P	135.2		AND	9.07	
		L19		DIVISION	18.3	..... THOMSON..... P	131.9		SUPERIOR	9.02	
WZK	Yard	86	L		19.8	UN..... CARLTON..... PDN	130.4	As	3.05 AM	L	9.00 PM
RBYX	SS120	L26			26.0	..... OTTER CREEK..... P	124.2		2.45		
	124	L33	f		31.6	..... MAHTOWA..... P	118.6	f	2.37		
	Hse15	L39	f		37.6	BM..... BARNUM..... PD	112.6	s	2.26		
W	126	L43	s		42.1	MU..... MOOSE LAKE..... PDN	108.1	s	2.16		
	60	L49	s		48.1	..... STURGEON LAKE..... P	102.1	f	2.01		
	128	L54	s		52.6	..... WILLOW RIVER..... P	97.6	f	1.56		
	S11	L58	s		56.5	..... RUTLEDGE..... P	93.7	f	1.51		
	90	L62	s		61.6	FY..... FINLAYSON..... PD	88.6	f	1.46		
	120	L66			65.0	..... GRONINGEN..... P	85.2	f	1.42		
W	W120	L76	s		74.0	HN..... HINCKLEY..... PDN	76.2	s	1.31		
	E 124	L83	f		81.3	..... BEROUN..... P	68.9	f	1.11		
	124	L89	s		87.1	J..... PINE CITY..... PD	63.1	s	1.04		
	S21	L94			91.8	..... ROCK CREEK..... P	58.4	f	12.59		
	128	L99	s		96.9	RC..... RUSH CITY..... PDN	53.3	f	12.54		
	S21	L106			103.8	..... HARRIS..... P	46.4	f	12.47		
	136	L111	s		108.9	CH..... NORTH BRANCH..... PD	41.3	f	12.42		
	S15	L119			116.9	..... STACY..... P	33.3	f	12.34		
	144	L123	f		121.9	WI..... WYOMING..... PD	29.1	f	12.30		
	89	L127	f		125.6	ST..... FOREST LAKE..... PD	25.0	s	12.25		
	118	L135	f		133.6	VN..... HUGO..... PD	16.6	f	12.03 AM		
		L140			137.8	..... BALD EAGLE.....	12.4		11.58 PM		
WXX	Yard	L141	As		138.9	WB... WHITE BEAR LAKE... PDN	11.3	L	11.56 PM		

BETWEEN WHITE BEAR LAKE AND ST. PAUL UNION DEPOT, TRAINS AND ENGINES WILL BE GOVERNED BY JOINT TERMINAL TIME TABLE. TIME SHOWN AT ST. PAUL FOR INFORMATION ONLY.

	S142	A	12.15 AM	150.2	..... ST. PAUL.....	0.0	L	11.30 PM	
			2.31		(Union Depot)				
			47.2		Time Over Sub-Division		3.09	0.38	
					Average Speed Per Hour		37.8	31.2	

EXCEPT ON DOUBLE TRACK, EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

**4 WESTWARD**

**SECOND SUBDIVISION**

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	FIRST CLASS					Distance from East D. M. & I. R. Jct.	Time Table No. 80B	
			65	57	59	49	55		September 3, 1963	
			Passenger	Passenger	Passenger	Passenger	Passenger		STATIONS	
			Daily	Daily	Daily	Daily	Daily		Telegraph Offices and Calls	
								0.0	EAST D. M. & I. R. JCT.	
								0.9	DULUTH PDN	
BRKOT WXYZ	Yard	WB71	L 8.10 PM	L 6.00 PM	L 4.45 PM	L 7.40 AM	L 6.45 AM	0.9	DULUTH PDN	
X			8.12	6.02	4.47	7.42	6.47	1.9	GARFIELD AVE. P	
X	Yard	L 1	8.14	6.04	4.49	7.44	6.49	2.6	RICES POINT. P	
X			8.16	6.05	4.51	7.46	6.51	3.2	BRIDGE SWITCH	
X			8.19	6.08	4.55	7.50	6.54	4.1	ELEVATOR STATION	
X			8.22	6.10	4.57	7.52	6.56	4.8	C&NW CONN.	

**FIRST CLASS TRAINS USE L. S. T. & T. RY. BETWEEN C & N W CONNECTION AND BELKNAP ST. BETWEEN C & N W CONNECTION AND BELKNAP ST. TRAINS AND ENGINES USING L. S. T. & T. RY. WILL BE GOVERNED BY L. S. T. & T. RY. TIMETABLE AND SPECIAL INSTRUCTIONS. TIME SHOWN AT SUPERIOR U. D. FOR INFORMATION ONLY**

Station	Type	No.	Train Times					Distance	Notes
			s	s	s	s	s		
X		WB67	8.27	6.11	5.00	7.55	6.59	5.1	SUPERIOR U. D. P
BX			8.28	6.13	5.01	7.56	7.00	5.6	BELKNAP ST. P
XYR	Yard	67	8.34	6.21	A 5.08 PM	A 8.03 AM	7.07	9.3	AJ. CENTRAL AVE. PDN
		76	8.37	6.24			7.10	11.9	POKEGAMA
		8-4	8.42	6.30			7.15	16.2	ANTON P
		78 1/2	8.46	6.35			7.19	19.4	STATE LINE. P
		129	f 8.52	6.42			7.26	24.1	WRENSHALL. P
KRB WYZX	Yard	NS119	A s 8.59 PM	s 6.50			7.34	28.4	UN. CARLTON. PDN
		122		7.02			7.48	38.1	SAWYER. P
		119		7.10			7.56	44.5	CORONA. P
		20		f 7.16			8.03	50.0	CM. CROMWELL. PD
		124		7.21			8.08	53.8	WOODBURY. P
		S-21		7.24			8.12	56.0	WRIGHT. P
		122		7.31			8.20	62.1	TAMARACK. P
X	W118 E112	129		f 7.42			8.32	71.4	MG. MCGREGOR. PDN
		122		7.52 <sup>56</sup>			8.44	80.1	KIMBERLY. P
		S-9		8.00			8.51	85.9	ROSSBURG. P
WX	W55 E120	150		s 8.10			9.01	92.0	KN. AITKIN. PDN
X	114	160		s 8.24			9.15	102.3	DO. DEERWOOD. PD
		121		8.36			9.26	111.9	LOERCH. P
WOZKR BTYX	108	177		s 8.44			9.33	119.1	B. BRAINERD. PDN
		122		8.56			9.43	123.3	BAXTER. P
		118		9.08			9.54	132.5	PILLAGER. P
		120		9.19			10.07	141.2	MO. MOTLEY. PD
WOZR KTYXB	Yard	207		A 9.30 PM			A 10.25 AM	148.5	SO. STAPLES. PDN
			.49	3.30	.23	.23	3.40		Time Over Sub Division
			34.8	42.6	21.6	21.6	40.2		Average Speed Per Hour

Daily except Sunday No. 57 will stop at McGregor to unload mail for No. 56.

**EXCEPT ON DOUBLE TRACK, EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS. SINGLE TRACK OPERATION OVER MINNESOTA DRAW ON ST. LOUIS RIVER BRIDGE, BETWEEN BRIDGE SWITCH AND ELEVATOR STATION—INTERLOCKED.**

Time Table No. 80B

September 3, 1963

STATIONS

Telegraph Offices and Calls

..... EAST D. M. & I. R. JCT. ....	148.5
..... 0.9 .....	
DU..... DULUTH..... PDN)	147.6
..... 1.0 .....	
..... GARFIELD AVE..... P	146.6
..... 0.7 .....	
..... RICES POINT..... P	145.9
..... 0.6 .....	
..... BRIDGE SWITCH.....	145.3
..... 0.9 .....	
..... ELEVATOR STATION.....	144.4
..... 0.7 .....	
..... C&NW CONN.....	143.7
..... 0.3 .....	

Distance from Staples.	FIRST CLASS				
	66	58	50	60	56
	Passenger	Passenger	Passenger	Passenger	Passenger
	Daily	Daily	Daily	Daily	Daily
			G. N. 24	G. N. 20	
	A 4.45 AM	A 7.05 AM	A 11.55 AM	A 7.45 PM	A 9.40 PM
	4.32	7.00	11.49	7.43	L 9.38 PM
	4.30	6.57	11.47	7.41	
	4.28	6.55	11.45	7.39	
	4.23	6.53	11.42	7.34	
	4.20	6.51	11.40	7.31	

SUBDIVISION

FIRST CLASS TRAINS USE L. S. T. & T. RY. BETWEEN C & N W CONNECTION AND BELKNAP ST. BETWEEN C & N W CONNECTION AND BELKNAP ST. TRAINS AND ENGINES USING L. S. T. & T. RY. WILL BE GOVERNED BY L. S. T. & T. RY. TIMETABLE AND SPECIAL INSTRUCTIONS. TIME SHOWN AT SUPERIOR U. D. FOR INFORMATION ONLY

STATIONS	Distance from Superior U. D.	66	58	50	60	56
..... SUPERIOR U. D. .... P	143.4	s 4.18	s 6.50	s 11.39	s 7.30	
..... 0.5 .....						
..... BELKNAP ST. .... P	142.9	4.00	6.46	11.34	7.18	
..... 3.7 .....						
AJ..... CENTRAL AVE..... PDN)	139.2	3.54	f 6.41	L 11.29 AM	L 7.13 PM	
..... 2.6 .....						
..... POKEGAMA..... P	136.6	3.50	6.38			
..... 4.3 .....						
..... ANTON..... P	132.3	3.45	6.33			
..... 3.2 .....						
..... STATE LINE..... P	129.1	3.41	6.29			
..... 4.7 .....						
..... WRENSHALL..... P	124.4	f 3.35	s 6.23			
..... 4.3 .....						
UN..... CARLTON..... PDN	120.1	L 3.28 AM	s 6.18			As 9.00 PM
..... 9.7 .....						
..... SAWYER..... P	110.4		6.05			s 8.46
..... 6.4 .....						
..... CORONA..... P	104.0		5.58			8.39
..... 5.5 .....						
CM..... CROMWELL..... PD	98.5		f 5.52			s 8.32
..... 3.8 .....						
..... WOODBURY..... P	94.7		5.47			8.27
..... 2.2 .....						
..... WRIGHT..... P	92.5		f 5.44			s 8.24
..... 6.1 .....						
..... TAMARACK..... P	86.4		f 5.37			s 8.16
..... 9.3 .....						
MG..... MCGREGOR..... PDN	77.1		s 5.25			s 8.04
..... 8.7 .....						
..... KIMBERLY..... P	68.4		5.14			s 7.52 <sup>57</sup>
..... 5.8 .....						
..... ROSSBURG..... P	62.6		5.07			7.43
..... 6.1 .....						
KN..... AITKIN..... PDN	56.5		s 4.59			s 7.35
..... 10.3 .....						
DO..... DEERWOOD..... PD	46.2		s 4.47			s 7.23
..... 9.6 .....						
..... LOERCH..... P	36.6		4.35			7.11
..... 7.2 .....						
B..... BRAINERD..... PDN	29.4		s 4.26			s 7.03
..... 4.2 .....						
..... BAXTER..... P	25.2		4.16			6.50
..... 9.2 .....						
..... PILLAGER..... P	16.0		f 4.05			s 6.39
..... 8.7 .....						
MO..... MOTLEY..... PD	7.3		f 3.54			s 6.26
..... 7.3 .....						
SO..... STAPLES..... PDN	0.0		L 3.45 AM			L 6.15 PM
Time Over Sub-Division		1.17	3.20	.26	.32	2.47
Average Speed Per Hour		21.4	44.5	19.4	15.7	43.4

VIA THIRD

On Sundays No. 58 will Reduce Speed at Tamarack, Wright and Cromwell for dispatch of Sunday papers.

EXCEPT ON DOUBLE TRACK, EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS. SINGLE TRACK OPERATION OVER MINNESOTA DRAW ON ST. LOUIS RIVER BRIDGE, BETWEEN BRIDGE SWITCH AND ELEVATOR STATION—INTERLOCKED.

6 WESTWARD

**EIGHTH SUB-DIVISION**  
(INTERNATIONAL FALLS BRANCH)

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	SECOND CLASS	FIRST CLASS	Distance from Brainerd.	Time Table No. 80B September 3, 1963	Distance from International Falls.	FIRST CLASS
			621	11				12
			Freight Daily Ex. Mon.	Passenger Daily				Passenger Daily
BKR WOZTYX	Yard	177	L 4.45 AM	L 2.55 AM	0.0	B.....BRAINERD.... PDN 10.4	200.2	As 11.55 PM
	50	LX 10	5.18	f 3.13	10.4	.....MERRIFIELD..... 4.0	189.8	f 11.23
	810	LX 15		f 3.21	15.3	.....LAKE HUBERT..... 2.1	184.9	f 11.15
	54	LX 17	5.34	s 3.26	17.4	SW.....NISSWA..... D 6.0	182.8	s 11.10
	55	LX 23	5.48	s 3.35	23.4	Q.....PEQUOT LAKES.... D 3.2	176.8	s 10.59
	39	LX 27	5.54	f 3.42	26.6	.....JENKINS..... 6.0	173.6	f 10.52
	55	LX 32	6.07	s 3.53	32.6	RA.....PINE RIVER.... D 3.9	167.6	s 10.40
	84	LX 36		f 4.00	36.5	.....MILDRED..... 5.4	163.7	f 10.32
	61	LX 42	6.28	s 4.10	41.9	US.....BACKUS..... D 7.8	158.3	s 10.25
	36	LX 50	6.45	s 4.25	49.7	HK...HACKENSACK.... D 13.2	150.5	s 10.12
W	61	LX 63	7.17	s 4.54	62.9	W.....WALKER..... D 7.0	137.3	s 9.50
		LX 70		f 5.10	69.9	.....BENEDICT..... 5.0	130.3	f 9.36
	65	LX 75	7.53	s 5.21	74.9	.....LAPORTE..... 6.3	125.3	s 9.29
	33	LX 81	8.10	f 5.36	81.2	.....GUTHRIE..... 4.9	119.0	f 9.20
	85	LX 86		f 5.45	86.1	.....NARY..... 7.6	114.1	f 9.12
X			8.37	6.00	93.7	.....BEMIDJI TOWER..... 1.0	106.5	9.01
X	Yard	LX 95		s 6.10 6.25	94.7	.....BEMIDJI..... 1.0	107.5	8.58 8.48
			8.37	6.29	98.7	.....BEMIDJI TOWER..... 0.7	106.5	8.44
WOZTYX BKR	Yard	LX 94	A 8.40 AM	As 6.32 AM	94.4	DS...NORTH BEMIDJI... DN	105.8	L 8.41 PM
			3.55	3.22		Time Over Sub-Division		3.04
			24.1	28.0		Average Speed Per Hour		30.8

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

WESTWARD

**SEVENTH SUB-DIVISION**  
(BULLHEAD LAKE BRANCH)

EASTWARD

Water, Fuel, Scales, Turn Tables, Wye and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	Distance from Brainerd.	Time Table No. 80B September 3, 1963	Distance from Kellier.	EASTWARD—Kellier to Funkley.		
							STATIONS	
							Telegraph Offices and Calls	
YR	47	LX 125	124.9	.....FUNKLEY..... 6.3	11.0			
	S-2	LY 131	131.2	.....SHOOKS..... 4.7	4.7			
R	Yard	LY 136	135.9	K.....KELLIHER..... D	0.0			

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

Water, Fuel, Seales, Turn Tables, Wyes and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	FIRST CLASS		Distance from Brainerd.	Time Table No. 80B		Distance from International Falls.	FIRST CLASS	
			11			September 3, 1963			12	
			Passenger	Daily		STATIONS			Passenger	Daily
RKB OWZTYX	Yard	LX 94	L	6.32 AM	94.4	DS... NORTH BEMIDJI... DN	105.8	As	8.38 PM	
	48	LX 98	f	6.40	98.5	..... LAVINIA.....	101.7	f	8.31	
	52	LX 104	f	6.48	104.1	..... TURTLE RIVER.....	96.1	f	8.21	
	53	LX 110	s	6.57	110.5	SJ..... TENSTRIKE..... D	89.7	s	8.11	
	68	LX 113	s	7.02	113.4	..... HINES.....	86.8	s	8.05	
W	44	LX 118	s	7.11	118.4	CK..... BLACKDUCK..... DN	81.8	s	7.56	
YR	47	LX 125	s	7.21	124.9	..... FUNKLEY.....	75.3	s	7.45	
X	55	LX 134	s	7.39	134.3	N..... NORTHOME..... D	65.9	s	7.29	
	39	LX 139	s	7.50	139.5	MZ..... MIZPAH..... D	60.7	s	7.20	
	42	LX 144	s	7.59	144.3	..... GEMMELL.....	55.9	s	7.12	
	36	LX 149	f	8.08	148.6	..... RIDGE.....	51.6	f	7.05	
	47	LX 157	s	8.22	156.6	..... MARGIE.....	43.6	s	6.54	
	34	LX 166	s	8.39	165.7	R..... BIG FALLS..... D	34.5	s	6.40	
	44	LX 167	f	8.41	166.7	..... GRAND FALLS.....	33.5	f	6.37	
	36	LX 176	f	8.57	175.7	..... WISNER.....	24.5	f	6.22	
	42	LX 184	s	9.11	184.0	F..... LITTLE FORK..... D	16.2	s	6.10	
	78	LX 193	f	9.26	193.3	..... NAKODA.....	6.9	f	5.56	
WYXBKR	Yard	LX 200	As	9.40 AM	200.2	FN. INTERNATIONAL FALLS. D	0.0	L	5.45 PM	
				3.08		Time Over Sub-Division			2.53	
				33.7		Average Speed Per Hour			36.6	

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

## First Sub-Division—

ASHLAND  
C&NW Crossing.  
ASHLAND JCT.  
C&NW Crossing.  
ALLOUEZ  
N. W. C. Crossing, Interlocking.  
NEWTON AVENUE  
C&NW Crossing, Interlocking.  
SOO LINE CROSSING  
Automatic Interlocking.

## Second Sub-Division—

RICES POINT  
Interlocking.  
BRIDGE SWITCH  
Interlocking.  
ST. LOUIS RIVER DRAWBRIDGE  
Minnesota Draw, Interlocking.  
Wisconsin Draw, Interlocking.  
ELEVATOR STATION  
Interlocking.  
SUPERIOR  
Winter Street—LST&T Ry. Crossing  
CENTRAL AVENUE  
G. N. Crossing—Interlocked.  
POKEGAMA  
D. M. & I. R. Crossing—Interlocked.  
STATE LINE  
G. N. Crossing—Interlocked.  
CARLTON  
Third Sub-Div. Crossing—Interlocked.  
McGREGOR  
Soo Line Crossing—Interlocked.  
STAPLES  
St. Paul Division Junction—Interlocked.

## RAILROAD CROSSINGS AND INTERLOCKINGS

## Third Sub-Division—

WEST D. M. & I. R. JCT.  
Interlocking.  
SOO LINE CROSSING  
Automatic Interlocking.  
D. W. & P. JCT.  
Interlocking.  
WEST DULUTH JCT.  
Automatic Interlocking.  
CARLTON  
Second Sub-Div. and G. N. Crossings—Interlocked.  
HINCKLEY  
G. N. Crossing—Interlocked.  
BALD EAGLE  
Soo Line Crossing—Automatic Interlocking.

## Fifth Sub-Division—

CARLTON  
Third Sub-Division Junction—Interlocked.

## Sixth Sub-Division—

ZENITH FURNACE  
D. M. & I. R. Crossing.  
BERWIND JCT.  
Interlocking, junction with Soo Line and D. W. & P.  
GRASSY POINT DRAWBRIDGE  
Interlocking.  
G. N. CROSSING.  
L. S. T. & T. RY. JCT.

## Eight Sub-Division—

BETWEEN BENEDICT AND WALKER  
G. N. Crossing.  
BEMIDJI TOWER  
G. N.—Automatic Interlocking.

**8** **FOURTH SUB-DIVISION**  
(CUYUNA NORTHERN BRANCH)  
**WESTWARD** **EASTWARD**

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Number.	Car Capacity of Sidings.	Distance from Deerwood.	Time Table No. 80B		Distance from Ironton.
				September 3, 1963		
				STATIONS		
				Telegraph Offices and Calls		
XR	160	Yard	0.0	DO.....DEERWOOD.....PD	3.9	
WRXB	LK4	Yard	3.9	RN.....IRONTON.....PD	0.0	

**FIFTH SUB-DIVISION**  
(CLOQUET BRANCH)  
**WESTWARD** **EASTWARD**

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	THIRD CLASS		Distance from Carlton.	Time Table No. 80B		Distance from Cloquet.	THIRD CLASS	
			September 3, 1963							
			731	733		732	734			
			Way Freight	Way Freight		Way Freight	Way Freight			
WZB	Yard	86	L 3.55 PM	L 6.25 AM	0.0	UN.....CARLTON.....PDN	5.9	A 7.15 AM	A 5.00 PM	
YXRK										
HSE-6	LC4		f 4.05	f 6.35	3.2	.....SCANLON.....	2.7	f 7.05	f 4.48	
WRZX	Yard	LC7	A 4.15 PM	A 6.45 AM	5.9	.....CLOQUET.....PD	0.0	L 6.55 AM	L 4.40 PM	

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

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS, EXCEPT,**

**No. 731 is superior to No. 734, Carlton to Cloquet.  
No. 733 is superior to No. 732, Carlton to Cloquet.**

**WESTWARD** **SIXTH SUBDIVISION** **EASTWARD**

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	Distance from New Duluth.	Grassy Point Line		Distance from L. S. T. & T. Ry. Jct.
				Time Table No. 80B		
				September 3, 1963		
				STATIONS		
	Yard	LB5	0.0	.....NEW DULUTH.....	9.9	
	18	LB2	4.3	.....RIVERSIDE.....	5.6	
		LB1	4.7	.....RIVERSIDE JCT.....	5.2	

**TRAINS AND ENGINES USING D. T. RAILWAY BETWEEN 72ND AVE. WEST AND RIVERSIDE JCT. WILL BE GOVERNED BY D. M. & I. R. RY., TIMETABLE AND SPECIAL INSTRUCTIONS.**

X			5.8	.....72ND AVE. WEST.....	4.1
XY		L5	6.6	.....WEST DULUTH JCT.....P	3.3
X			6.9	.....ZENITH FURNACE.....	3.0
X			7.7	.....BERWIND JCT....P	2.2
			8.4	.....{ GRASSY POINT }.....	1.5
				.....{ DRAWBRIDGE }.....	
X			9.9	.....L. S. T. & T. RY. JCT...}	0.0

**TRAINS AND ENGINES USING L. S. T. & T. RAILWAY WEST OF L. S. T. & T. RY. JCT. WILL BE GOVERNED BY L. S. T. & T. RY. TIME TABLE AND SPECIAL INSTRUCTIONS.**

**EXCEPT ON DOUBLE TRACK, EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.  
SINGLE TRACK OPERATION OVER GRASSY POINT DRAW BRIDGE BETWEEN BERWIND JCT. AND L.S.T.&T. RY. JCT.—INTERLOCKED.**

**R. D. THOMPSON,**  
Asst. Superintendent.

**W. E. BUCKLEY,**  
Trainmaster.

**L. L. JOHNSTON,**  
Trainmaster.

**E. R. ANDERSON,**  
Trainmaster-Roadmaster.

**J. E. ROSS,**  
Chief Dispatcher.