

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

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
 Dr. D. L. Johnson, Oculist.....Brainerd

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

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

LOCATION OF STRETCHERS

Duluth—	Superior—
Yard Office, Rice's Point Yard.	Freight Station.
Store Room, Rice's Point.	Central Ave.
5th Ave. Yard Office.	East End Yard Office.
Union Depot.	Ore Dock.
Car Shops.	
Roundhouse.	Wyoming—
Tool Car.	Hinckley—
West Duluth, Yard Office.	Carlton.
Ashland Freight Station.	Brainerd Passenger Station.
Iron River.	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 of 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, Scales, Turn Tables, Wyes and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	Distance from Ashland.	Time Table No. 80B		Distance from Central Ave.	
				September 3, 1963			
				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		SOO LINE CROSSING.....		1.1
X Y R	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		Miles	Time Per Mile		Miles
Minutes	Seconds	Per Hour	Minutes	Seconds	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
First Subdivision		
A & B Cooperative Spur.....	73.7	7
Second Subdivision		
Zenith Gravel Pit Spur.....	29.8	30
Third Subdivision		
Gorham Spur.....	87.7	2
Winnick Spur.....	127.5	5
	Miles From Brainerd	
Eighth Subdivision		
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	66		56	66		56	
			Passenger	Passenger		September 3, 1963		Passenger	Passenger	
			Daily	Daily		STATIONS		Daily	Daily	
						Telegraph Offices and Calls				
					0.0	..... GARFIELD AVE..... P		150.2	A	9.38 PM
X		L02			0.9	..... WEST D. M. & I. R. JCT.....		149.3		9.34
X					1.7	..... 500 LINE CROSSING.....		148.5		
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			10.3	..... SHORT LINE PARK..... P		139.9		9.13
	S10	L16			15.0	..... BROWNELL..... P		135.2		9.07
		L19			18.3	..... THOMSON..... P		131.9		9.02
WZK RBYX	Yard SS120	86	L	9.09 PM	19.8	UN.....	CARLTON..... PDN	130.4	As	3.05 AM
	124	L26		9.17	26.0	..... OTTER CREEK..... P		124.2		2.45
	124	L33	f	9.23	31.6	..... MAHTOWA..... P		118.6	f	2.37
	Hse15	L39	f	9.30	37.6	BM.....	BARNUM..... PD	112.6	s	2.26
W	126	L43	s	9.38	42.1	MU.....	MOOSE LAKE..... PDN	108.1	s	2.16
	60	L49		9.45	48.1	..... STURGEON LAKE..... P		102.1	f	2.01
	128	L54	s	9.52	52.6	..... WILLOW RIVER..... P		97.6	f	1.56
	S11	L58		9.57	56.5	..... RUTLEDGE..... P		93.7	f	1.51
	90	L62	s	10.04	61.6	FY.....	FINLAYSON..... PD	88.6	f	1.46
	120	L66		10.08	65.0	..... GRONINGEN..... P		85.2	f	1.42
W	W120 E 124	L76	s	10.18	74.0	HN.....	HINCKLEY..... PDN	76.2	s	1.31
	S24	L83	f	10.26	81.3	..... BEROUN..... P		68.9	f	1.11
	124	L89	s	10.33	87.1	J.....	PINE CITY..... PD	63.1	s	1.04
	S21	L94		10.41	91.8	..... ROCK CREEK..... P		58.4	f	12.59
	128	L99	s	10.48	96.9	RC.....	RUSH CITY..... PDN	53.3	f	12.54
	S21	L106		10.55	103.8	..... HARRIS..... P		46.4	f	12.47
	136	L111	s	11.02	108.9	CH.....	NORTH BRANCH..... PD	41.3	f	12.42
	S15	L119		11.11	116.9	..... STACY..... P		33.3	f	12.34
	144	L123	f	11.16	121.9	WI.....	WYOMING..... PD	29.1	f	12.30
	89	L127	f	11.21	125.6	ST.....	FOREST LAKE..... PD	25.0	s	12.25
	118	L135	f	11.30	133.6	VN.....	HUGO..... PD	16.6	f	12.03 AM
		L140		11.35	137.8	..... BALD EAGLE.....		12.4		11.58 PM
WXX	Yard	L141	As	11.40 PM	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 (Union Depot)	0.0	L	11.30 PM
				2.31		Time Over Sub-Division			3.09	0.38
				47.2		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

Time Table No. 80B

September 3, 1963

STATIONS

Telegraph Offices and Calls

Water, Fuel, Seales, Tumbler, Tables, Wyes and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	FIRST CLASS					Distance from East D. M. & I. R. Jct.	STATIONS
			65	57	59	49	55		
			Passenger	Passenger	Passenger	Passenger	Passenger		
					G. N. 19	G. N. 23			
			Daily	Daily	Daily	Daily	Daily		
								0.0 EAST D. M. & I. R. JCT.	
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 DU.....DULUTH.....PDN	
X			8.12	6.02	4.47	7.42	6.47	1.0 GARFIELD AVE. P	
X	Yard	L 1	8.14	6.04	4.49	7.44	6.49	1.9 RICES POINT..... P	
X			8.16	6.05	4.51	7.46	6.51	2.6 BRIDGE SWITCH..... P	
X			8.19	6.08	4.55	7.50	6.54	3.2 ELEVATOR STATION.....	
X			8.22	6.10	4.57	7.52	6.56	4.1 C&NW CONN.....	
								4.8 0.3	

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

		WB67	s 8.27	s 6.11	s 5.00	s 7.55	s 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	s 7.07	9.3	AJ.....CENTRAL AVE.....PDN
	76	69 1/2	8.37	6.24			7.10	11.9	..... POKEGAMA..... P
	S-4	74	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	82	f 8.52	6.42			s 7.26	24.1	..... WRENSHALL..... P
KRB WYZZ	Yard	NS119	As 8.59 PM	s 6.50			s 7.34	28.4	UN.....CARLTON.....PDN
	122	96		7.02			s 7.48	38.1	..... SAWYER..... P
	119	102		7.10			7.56	44.5	..... CORONA..... P
	20	108		f 7.16			s 8.03	50.0	CM.....CROMWELL.....PD
	124	112		7.21			8.08	53.8	..... WOODBURY..... P
	S-21	114		7.24			s 8.12	56.0	..... WRIGHT..... P
	122	120		7.31			s 8.20	62.1	..... TAMARACK..... P
X	W118 E112	129		f 7.42			s 8.32	71.4	MG.....McGREGOR.....PDN
	122	138		7.52 ⁵⁶			s 8.44	80.1	..... KIMBERLY..... P
	S-9	144		8.00			8.51	85.9	..... ROSSBURG..... P
WX	W55 E120	150		s 8.10			s 9.01	92.0	KN.....AITKIN.....PDN
X	114	160		s 8.24			s 9.15	102.3	DO.....DEERWOOD.....PD
	121	170		8.36			9.26	111.9	..... LOERCH..... P
WOZKR BTYX	108	177		s 8.44			s 9.33	119.1	B.....BRAINERD.....PDN
	122	181		8.56			9.43	123.3	..... BAXTER..... P
	118	191		9.08			s 9.54	132.5	..... PILLAGER..... P
	120	199		9.19			s 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.

SECOND SUBDIVISION

EASTWARD 5

Time Table No. 80B

September 3, 1963

STATIONS

Telegraph Offices and Calls

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

FIRST CLASS				
66	58	50	60	56
		G. N. 24	G. N. 20	
Passenger	Passenger	Passenger	Passenger	Passenger
Daily	Daily	Daily	Daily	Daily
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	

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

AUTOMATIC BLOCK		143.4	s 4.18	s 6.50	s 11.39	s 7.30	VIA THIRD
..... SUPERIOR U. D.....P		143.4	s 4.18	s 6.50	s 11.39	s 7.30	
.....BELKNAP ST.....P	} Double Track	142.9	4.00	6.46	11.34	7.18	
AJ.....CENTRAL AVE.....PDN)		139.2	3.54	f 6.41	L 11.29 AM	L 7.13 PM	
.....POKEGAMA.....P		136.6	3.50	6.38			
.....ANTON.....P	} Double Track	132.3	3.45	6.33			
.....STATE LINE.....P		129.1	3.41	6.29			
.....WRENSHALL.....P		124.4	f 3.35	s 6.23			
UN.....CARLTON.....PDN		120.1	L 3.28 AM	s 6.18		As 9.00 PM	
.....SAWYER.....P		110.4		6.05		s 8.46	
.....CORONA.....P		104.0		5.58		8.39	
CM.....CROMWELL.....PD		98.5		f 5.52		s 8.32	
.....WOODBURY.....P		94.7		5.47		8.27	
.....WRIGHT.....P		92.5		f 5.44		s 8.24	
.....TAMARACK.....P		86.4		f 5.37		s 8.16	
MG.....McGREGOR.....PDN		77.1		s 5.25		s 8.04	
.....KIMBERLY.....P		68.4		5.14		s 7.52 ⁵⁷	
.....ROSSBURG.....P		62.6		5.07		7.43	
KN.....AITKIN.....PDN		56.5		s 4.59		s 7.35	
DO.....DEERWOOD.....PD		46.2		s 4.47		s 7.23	
.....LOERCH.....P		36.6		4.35		7.11	
B.....BRAINERD.....PDN		29.4		s 4.26		s 7.03	
.....BAXTER.....P		25.2		4.16		6.50	
.....PILLAGER.....P		16.0		f 4.05		s 6.39	
MO.....MOTLEY.....PD		7.3		f 3.54		s 6.26	
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

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		Distance from International Falls.	FIRST CLASS
			621	11		September 3, 1963			12
			Freight	Passenger		STATIONS			Passenger
			Daily Ex. Mon.	Daily		Telegraph Offices and Calls			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.....	189.8	f 11.23
	810	LX 15		f 3.21	15.3		LAKE HUBERT.....	184.9	f 11.15
	54	LX 17	5.34	s 3.26	17.4	SW.....	NISSWA..... D	182.8	s 11.10
	55	LX 23	5.48	s 3.35	23.4	Q.....	PEQUOT LAKES.... D	176.8	s 10.59
	39	LX 27	5.54	f 3.42	26.6		JENKINS.....	173.6	f 10.52
	55	LX 32	6.07	s 3.53	32.6	RA.....	PINE RIVER..... D	167.6	s 10.40
	84	LX 36		f 4.00	36.5		MILDRED.....	163.7	f 10.32
	61	LX 42	6.28	s 4.10	41.9	US.....	BACKUS..... D	158.3	s 10.25
	36	LX 50	6.45	s 4.25	49.7	HK.....	HACKENSACK..... D	150.5	s 10.12
W	61	LX 63	7.17	s 4.54	62.9	W.....	WALKER..... D	137.3	s 9.50
		LX 70		f 5.10	69.9		BENEDICT.....	130.3	f 9.36
	65	LX 75	7.53	s 5.21	74.9		LAPORTE.....	125.3	s 9.29
	33	LX 81	8.10	f 5.36	81.2		GUTHRIE.....	119.0	f 9.20
	85	LX 86		f 5.45	86.1		NARY.....	114.1	f 9.12
X			8.37	6.00	93.7		BEMIDJI TOWER.....	106.5	9.01
X	Yard	LX 95		s 6.10 6.25	94.7		BEMIDJI.....	107.5	8.58 8.48
			8.37	6.29	98.7		BEMIDJI TOWER.....	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		Distance from Kelliher.	EASTWARD—Kelliher to Funkley.
				September 3, 1963			
				STATIONS			
				Telegraph Offices and Calls			
YR	47	LX 125	124.9		FUNKLEY.....	11.0	
	S-2	LY 131	131.2		SHOOKS.....	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, Scales, Turn Tables, Wyes and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	FIRST CLASS		Distance from Branch.	Time Table No. 80B		Distance from International Falls.	FIRST CLASS	
			11			September 3, 1963			12	
			Passenger			STATIONS			Passenger	
			Daily			Telegraph Offices and Calls			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	180	Yard	0.0	DO.....DEERWOOD.....PD 3.9	3.9	
WRXB	LK4	Yard	3.9	RN.....IRONTON.....PD	0.0	

EASTWARD—Ironton to Deerwood

**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							
			STATIONS							
			Telegraph Offices and Calls							
WZB YXRK	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	
	HSE-6	LC4	f 4.05	f 6.35	3.2	.....SCANLON..... 3.2	2.7	f 7.05	f 4.48
WRZX	Yard	LC7	A 4.15 PM	A 6.45 AM	5.9	.....CLOQUET.....PD 2.7	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..... 4.3	5.6
		LB1	4.7	.....RIVERSIDE JCT..... 0.4	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..... 1.1	4.1
XY		L5	6.6	.....WEST DULUTH JCT.....P 0.3	3.3
X			6.9	.....ZENITH FURNACE..... 0.3	3.0
X			7.7	.....BERWIND JCT.....P 0.8	2.2
			8.4	.....{ GRASSY POINT } 0.7{ DRAWBRIDGE } 0.7	1.5
X			9.9	.....L. S. T. & T. RY. JCT... 1.5	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.**