

AUTHORIZED SURGEONS

Dr. A. McEwan, Chief Surgeon.....St. Paul
 Dr. H. S. Proud.....
 Dr. C. J. Hedlund.....
 Dr. R. M. Ahrens.....
 Dr. J. E. Brown.....
 Dr. James Henry.....
 Dr. C. C. Merchant.....

} Associate Surgeons, N. P. B. A.
 Hospital, 1515 Charles St.
 St. Paul

LOCAL SURGEONS

Dr. J. W. Prentice.....Ashland (s)	Dr. F. H. Walter.....International Falls
Dr. B. C. Prentice.....Ashland	Dr. G. W. Franklin.....Northome
Dr. H. T. Petraborg.....Aitkin	Dr. Arthur W. Ide, Jr.....Minneapolis
Dr. James B. Nixon.....Crosby	Dr. D. M. Thysell.....Minneapolis
Dr. Roger E. Kelley.....Crosby	Dr. T. S. McClanahan.....
Dr. C. M. Marshall.....Crosby	White Bear Lake (s)
Dr. Maurice Meller.....Brainerd	Dr. A. K. Stratte.....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. P. J. Parker.....Staples	Dr. Victor E. Ekblad.....Superior
Dr. O. F. Ringle.....Walker (s)	Dr. Milton Finn.....Duluth
Dr. E. W. Johnson.....Bemidji (s)	Dr. C. M. Smith.....Duluth
Dr. L. C. Lundsten.....Bemidji	Dr. C. D. Eklund.....Duluth
Dr. R. P. Groschupf.....Bemidji	Dr. Noel Tosseland.....Duluth
Dr. R. G. Rowe.....Little Fork	Dr. A. J. Spang.....Duluth
Dr. David McQuoid.....Little Fork	Dr. J. S. Spang.....Duluth
Dr. W. F. Cantwell.....International Falls (s)	Dr. W. M. Spang.....Duluth
	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
 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.	Wyoming.
Roundhouse.	Hinckley.
Tool Car.	Carlton.
West Duluth, Yard Office.	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 83

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

Sunday, September 27, 1964

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. 83 September 27, 1964		Distance from Central Ave.
						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 YR	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
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 Sdings.	Station Numbers.	FIRST CLASS		Distance from Garfield Ave.	Time Table No. 83 September 27, 1964		Distance from St. Paul.	FIRST CLASS	
			65	66		66	56			
			Passenger	Passenger		STATIONS			Passenger	Passenger
			Daily	Daily		Telegraph Offices and Calls			Daily	Daily
					0.0	..... GARFIELD AVE..... P		150.2		A 10.38 PM
X		L02			0.9	..... WEST D. M. & I. R. JCT....	DOUBLE TRACK	149.3		10.34
X					1.7 SOO LINE CROSSING.....		148.5		
X					2.6	..... D. W. & P. JCT.....		147.6		10.29
X		L04			3.2	..... WEST DULUTH..... P		147.0		f 10.27
XY		L 5			4.0	..... WEST DULUTH JCT.... P		146.2		10.25
	26	L11	VIA SUPERIOR AND 2ND SUB- DIVISION		10.3	..... SHORT LINE PARK..... P		139.9	VIA 2ND SUB- DIVISION AND SUPERIOR	10.13
	S10	L16			15.0	..... BROWNELL..... P		135.2		10.07
		L19			18.3	..... THOMSON..... P		131.9		10.02
WZK RBYX	Yard SS120	86	L	9.09 PM	19.8	UN..... CARLTON..... PDN		130.4	As 3.05 AM	L 10.00 PM
	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..... PD		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	121.1	WI..... WYOMING..... PD		29.1	f 12.30	
	89	L127	f	11.21	125.2	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	
WXK	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

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. 83	
			65	57	59	55	49		September 27, 1964	
					G. N. 19		G. N. 23		STATIONS	
			Passenger	Passenger	Passenger	Passenger	Passenger		Telegraph Offices and Calls	
			Daily	Daily	Daily	Daily	Daily			
							0.0	..... EAST D. M. & I. R. JCT.....	
							0.9	..... 0.9	
BRKOT WXYZ	Yard	WB71	L 8.10 PM	L 6.05 PM	L 4.45 PM	L 7.45 AM	L 7.40 AM	0.9	DU..... DULUTH..... PDN	
X			8.12	6.07	4.47	7.47	7.42	1.9	..... GARFIELD AVE..... P
X	Yard	L 1	8.14	6.09	4.49	7.49	7.44	2.6	..... RICES POINT..... P
X			8.15	6.10	4.51	7.51	7.46	3.2	..... BRIDGE SWITCH.....
X			8.18	6.13	4.55	7.54	7.50	4.1	..... ELEVATOR STATION.....
X			8.20	6.15	4.57	7.56	7.52	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

X		WB67	s 8.27	s 6.16	s 5.00	s 7.59	s 7.55	5.1	..... SUPERIOR U. D..... P
BX			8.28	6.18	5.01	8.00	7.56	5.6	..... BELKNAP ST..... P
XYR	Yard	67	8.34	6.26	A 5.08 PM	s 8.07	A 8.03 AM	9.3	AJ..... CENTRAL AVE..... PDN
	76	69 1/2	8.37	6.29		8.10		11.9	..... POKEGAMA..... P
	S-4	74	8.42	6.35		8.15		16.2	..... ANTON..... P
		78 1/2	8.46	6.40		8.19		19.4	..... STATE LINE..... P
	129	82	f 8.52	6.47		8.26		24.1	..... WRENSHALL..... P
KRB WYZX	Yard	NS119	A s 8.59 PM	s 6.55		s 8.34		28.4	UN..... CARLTON..... PDN
	122	96		7.07		s 8.48		38.1	..... SAWYER..... P
	119	102		7.15		8.56		44.5	..... CORONA..... P
	20	108		f 7.21		s 9.03		50.0	CM..... CROMWELL..... PD
	124	112		7.26		9.08		53.8	..... WOODBURY..... P
	S-21	114		7.29		s 9.12		56.0	..... WRIGHT..... P
	122	120		7.36		s 9.20		62.1	..... TAMARACK..... P
X	W118 E112	129		f 7.47		s 9.32		71.4	MG..... MCGREGOR..... PDN
	122	138		7.57		s 9.44		80.1	..... KIMBERLY..... P
	S-9	144		8.04		9.51		85.9	..... ROSSBURG..... P
WX	W55 E120	150		s 8.11		s 10.01		92.0	KN..... AITKIN..... PDN
X	114	160		s 8.27 ⁵⁶		s 10.15		102.3	DO..... DEERWOOD..... PD
	121	170		8.40		10.26		111.9	..... LOERCH..... P
WOZKR BTYX	108	177		s 8.48		s 10.33		119.1	B..... BRAINERD..... PDN
	122	181		9.03		10.43		128.3	..... BAXTER..... P
	118	191		9.14		s 10.54		132.5	..... PILLAGER..... P
	120	199		9.25		s 11.07		141.2	..... MOTLEY..... P
WOZR KTYXB	Yard	207		A 9.35 PM		A 11.25 AM		148.5	SO..... STAPLES..... PDN
			.49	3.30	.23	3.40	.23		Time Over Sub Division
			34.8	42.6	21.6	40.2	21.6		Average Speed Per Hour

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. 83

September 27, 1964

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

Distance from Staples.

Double Track

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	7.05 AM	11.55 AM	7.45 PM	10.40 PM
	4.32	7.00	11.49	7.43	L 10.38 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

		s 4.18	s 6.50	s 11.39	s 7.30	
..... SUPERIOR U. D..... P	143.4					
..... BELKNAP ST..... P	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	VIA THIRD
..... POKEGAMA..... P	136.6	3.50	6.38			
..... ANTON..... P	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 10.00 PM	
..... SAWYER..... P	110.4		6.05		f 9.46	
..... CORONA..... P	104.0		5.58		9.39	
CM..... CROMWELL..... PD	98.5		f 5.52		s 9.32	
..... WOODBURY..... P	94.7		5.47		9.27	
..... WRIGHT..... P	92.5		f 5.44		s 9.24	
..... TAMARACK..... P	86.4		f 5.37		s 9.16	
MG..... MCGREGOR..... PDN	77.1		s 5.25		s 9.04	
..... KIMBERLY..... P	68.4		5.14		s 8.52	
..... ROSSBURG..... P	62.6		5.07		8.45	
KN..... AITKIN..... PDN	56.5		s 4.59		s 8.38	
DO..... DEERWOOD..... PD	46.2		s 4.47		s 8.27 ⁵⁷	
..... LOERCH..... P	36.6		4.35		8.11	
B..... BRAINERD..... PDN	29.4		s 4.26		s 8.03	
..... BAXTER..... P	25.2		4.16		7.50	
..... PILLAGER..... P	16.0		f 4.05		s 7.39	
..... MOTLEY..... P	7.3		f 3.54		s 7.26	
SO..... STAPLES..... PDN	0.0		L 3.45 AM		L 7.15 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	43.5

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.

Water, Fuel, Scales, Turn Tables, Wye and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	SECOND CLASS	FIRST CLASS	Distance from Brainerd.	Time Table No. 83		Distance from International Falls.	FIRST CLASS
			621	11		September 27, 1964			12
			Freight Daily Ex. Mon.	Passenger Daily Ex. Sun.		STATIONS			Passenger Daily Ex. Sun.
Telegraph Offices and Calls									
BKR WOZTYX	Yard	177	L 4.45 AM	L 2.55 AM	0.0	B.....BRAINERD....PDN	200.2	As 11.55 PM	
	50	LX 10	5.18	f 3.13	10.4	.....MERRIFIELD.....P	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.....PD	182.8	s 11.10	
	55	LX 28	5.48	s 3.35	23.4	Q.....PEQUOT LAKES...PD	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....PD	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.....PD	158.3	s 10.25	
	38	LX 50	6.45	s 4.25	49.7	HK....HACKENSACK....PD	150.5	s 10.12	
		LX 57	7.02	4.40	56.8	.....CYPHERS.....P	143.4	10.00
W	61	LX 68	7.17	s 4.54	62.9	W.....WALKER.....PD	137.3	s 9.50	
		LX 70		f 5.10	69.9	.....BENEDICT.....P	130.3	f 9.36
	65	LX 75	7.53	s 5.21	74.9	.....LAPORTE.....P	125.3	s 9.29
	33	LX 81	8.10	f 5.36	81.2	.....GUTHRIE.....P	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....P	106.5	9.01
X	Yard	LX 95		s 6.10 6.25	94.7	.....BEMIDJI.....P	107.5	8.58 8.48
			8.37	6.29	93.7	.....BEMIDJI TOWER....P	106.5	8.44
WOZTYX BKR	Yard	LX 94	A 8.40 AM	As 6.32 AM	94.4	DS...NORTH BEMIDJI.PDN	105.8	L 8.41 PM	
			8.55	3.22		Time Over Sub-Division		3.04	
			24.1	23.0		Average Speed Per Hour		30.8	

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

Water, Fuel, Scales, Turn Tables, Wye and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	Distance from Brainerd.	Time Table No. 83		Distance from Kelliher.	EASTWARD—Kelliher to Funkley.
				September 27, 1964			
				STATIONS			
Telegraph Offices and Calls							
YR	47	LX 135	124.9	.....FUNKLEY.....	11.0	
	8-2	LY 131	131.2	.....SHOOKS.....	4.7	
R	Yard	LY 136	135.9	.....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 Brainerd.	Time Table No. 83		Distance from International Falls.	FIRST CLASS	
			11			September 27, 1964			12	
			Passenger			STATIONS			Passenger	
			Daily Ex. Sun.			Telegraph Offices and Calls			Daily Ex. Sun.	
RKB OWZTYX	Yard	LX 94	L	6.32 AM	94.4	DS...NORTH BEMIDJI...PDN	105.8	As	8.38 PM	
	48	LX 98	f	6.40	98.5	4.1 LAVINIA.....	101.7	f	8.31	
	52	LX 104	f	6.48	104.1	5.6 TURTLE RIVER.....	96.1	f	8.21	
	53	LX 110	s	6.57	110.5	6.4 SJ..... TENSTRIKE.....D	89.7	s	8.11	
	68	LX 113	s	7.02	118.4	2.9 HINES.....	86.8	s	8.05	
W	44	LX 118	s	7.11	118.4	5.0 CK..... BLACKDUCK.....DN	81.8	s	7.56	
YR	47	LX 125	s	7.21	124.9	6.5 FUNKLEY.....	75.3	s	7.45	
X	55	LX 134	s	7.39	134.3	9.4 N..... NORTHOME.....D	65.9	s	7.29	
	39	LX 139	s	7.50	139.5	5.2 MZ..... MIZPAH.....D	60.7	s	7.20	
	42	LX 144	s	7.59	144.3	4.8 GEMMELL.....	55.9	s	7.12	
	36	LX 149	f	8.08	148.6	4.3 RIDGE.....	51.6	f	7.05	
	47	LX 157	s	8.22	156.6	8.0 MARGIE.....	43.6	s	6.54	
	34	LX 166	s	8.39	165.7	9.1 R..... BIG FALLS.....D	34.5	s	6.40	
	44	LX 167	f	8.41	166.7	1.0 GRAND FALLS.....	33.5	f	6.37	
	36	LX 176	f	8.57	175.7	9.0 WISNER.....	24.5	f	6.22	
	42	LX 184	s	9.11	184.0	8.3 F..... LITTLE FORK.....D	16.2	s	6.10	
	78	LX 193	f	9.26	193.3	9.3 NAKODA.....	6.9	f	5.56	
WYXBKR	Yard	LX 200	As	9.40 AM	200.2	6.9 FN.INTERNATIONAL FALLS.D	0.0	L	5.45 PM	
				8.08		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.
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.

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**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. 83		Distance from Ironton.
				September 27, 1964		
				STATIONS		
				Telegraph Offices and Calls		
XR	160	Yard	0.0	DO.....DEERWOOD.....PD	3.9	3.9
WRXB	LK4	Yard	3.9	RN.....IRONTON.....PD	0.0	0.0

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.
**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. 83		Distance from Cloquet.	THIRD CLASS	
			September 27, 1964							
			731	733		732	734			
			Way Freight	Way Freight		Way Freight	Way Freight			
WRZZ	Yard	LC7	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	f 4.05	f 6.35	3.2	.....SCANLON.....	2.7	f 7.05	f 4.48
			A 4.15 PM	A 6.45 AM	5.9	.....CLOQUET.....PD	9.0	L 6.55 AM	L 4.40 PM

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. 83		
				September 27, 1964		
				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 }{ DRAWBRIDGE }	1.5
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.**
**L. L. JOHNSTON,
Trainmaster.**
**G. G. RICHARDSON,
Trainmaster.**
**E. R. ANDERSON,
Trainmaster-Roadmaster.**
**J. E. ROSS,
Chief Dispatcher.**