

## AUTHORIZED SURGEONS

Dr. A. McEwan, Chief Surgeon.....St. Paul  
 Dr. Donald Derauf.....Associate Surgeons, N. P. B. A.  
 Dr. H. S. Proud.....Hospital, 1515 Charles St.  
 Dr. C. J. Hedlund.....St. Paul  
 Dr. R. M. Ahrens.....  
 Dr. J. E. Brown.....  
 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.....
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. P. 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  
 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.
Ashland Freight Station.	Brainerd Shops.
Iron River.	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 80

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

## Sunday, April 28, 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. 80 April 28, 1963		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	Yard		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
<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
<b>Eighth Subdivision</b>		
Miles From Brainerd		
Bemidji Bottle Gas Co. Spur.....	33.0	5
State Sanitarium Spur.....	60.1	5

Water, Fuel, Seales, Turntables, Wyes and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	FIRST CLASS		Distance from Garfield Ave.	Time Table No. 80		Distance from St. Paul.	FIRST CLASS	
			65	66		66	56			
			Passenger			April 28, 1963			Passenger	
			Daily			STATIONS			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	..... SOO 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	L 9.00 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 E124	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**

Water, Fuel, Seales, Turns, Tables, Wyes and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	FIRST CLASS					Distance from East D. M. & I. R. Jct.	Time Table No. 80	
			65	57	59	49	55		April 28, 1963	
					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.....	
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	1.9	..... 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&W 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 6.11	s 5.00	s 7.55	s 6.59	5.1	BY.....	SUPERIOR U. D..... PDN
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 69½	8.37	6.24			7.10	11.9		POKEGAMA..... P
	S-4 74	8.42	6.30			7.15	16.2		ANTON..... P
	78½	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 WYZX	Yard NS119 86	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 <sup>56</sup>			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. 80

April 28, 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
		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	

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

BY.....	SUPERIOR U. D. .... PDN	143.4	s 4.18	s 6.50	s 11.39	s 7.30	VIA THIRD
	..... 0.5 .....	142.9	4.00	6.46	11.34	7.18	
	..... BELKNAP ST. .... P						
	..... 3.7 .....						
AJ.....	CENTRAL AVE..... PDN	139.2	f 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			A s 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	8.20	.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 Stings.	Station Numbers.	SECOND CLASS	FIRST CLASS	Distance from Brainerd.	Time Table No. 80		Distance from International Falls.	FIRST CLASS
			621	11		April 28, 1963			12
			Freight Daily Ex. Mon.	Passenger Daily		STATIONS			Passenger Daily
						Telegraph Offices and Calls			
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.....	130.8	f 9.36
	68	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	93.7		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 Stings.	Station Numbers.	Distance from Brainerd.	Time Table No. 80		Distance from Kelliher.	EASTWARD—Kelliher to Funkley.
				April 28, 1963			
				STATIONS			
				Telegraph Offices and Calls			
YR	47	LX 125	124.9		FUNKLEY.....	11.0	
	8-2	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 Brainard.	Time Table No. 80		Distance from International Falls.	FIRST CLASS	
			11			April 28, 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	4.1 ..... LAVINIA .....	101.7	f	8.31	
	52	LX 104	f	6.48	104.1	5.0 ..... 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	113.4	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..... NORTHHOME..... 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	4.3 ..... 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	
				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.

## RAILROAD CROSSINGS AND INTERLOCKINGS

## 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.

## 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. 80		Distance from Ironton.
				April 28, 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

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. 80		Distance from Cloquet.	THIRD CLASS	
			731	733		April 28, 1963			732	734
			Way Freight	Way Freight		STATIONS			Way Freight	Way Freight
				Daily Ex. Sun.		Telegraph Offices and Calls		Daily Ex. Sun.		
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						.....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. 80		
				April 28, 1963		
				STATIONS		
				Telegraph Offices and Calls		
	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.

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

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

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

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