

AUTHORIZED SURGEONS

Dr. B. I. Derauf, Chief Surgeon.....St. Paul
 Dr. A. McEwan.....
 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.....

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. Luther A. Nelson....Rush City (s)
Dr. G. I. Badeaux....Brainerd	Dr. H. W. Henry....Hineckley
Dr. John H. Aga....Brainerd	Dr. Thomas Moe....Moose Lake
Dr. V. E. Quanstrom....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. O. F. Ringle....Walker (s)	Dr. Victor E. Ekblad....Superior
Dr. Hector M. Brown....Walker	Dr. C. M. Smith....Duluth
Dr. E. W. Johnson....Bemidji (s)	Dr. C. D. Ecklund....Duluth
Dr. L. C. Lundsten....Bemidji	Dr. Noel Tosseland....Duluth
Dr. R. P. Groschupf....Bemidji	Dr. A. J. Spang....Duluth
Dr. W. F. Cantwell....International Falls (s)	Dr. J. S. Spang....Duluth
Dr. F. H. Walter....International Falls	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

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— Hineckley— 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 of local surgeon, when case must be placed in his hands.

NORTHERN PACIFIC RAILWAY COMPANY

Lake Superior Division

TIME TABLE 78C

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

Sunday, July 16, 1961

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. 78C July 16, 1961	Distance from Central Ave.
STATIONS		Telegraph Offices and Calls				
RB WTX	Yard		0	0.0	A.....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
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		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. 78C		Distance from St. Paul.	FIRST CLASS	
			65	66		56	66		56	
			Passenger	Passenger		STATIONS		Passenger	Passenger	
			Daily	Daily		Telegraph Offices and Calls		Daily	Daily	
					0.0	..... GARFIELD AVE..... P		150.2	A	10.08 PM
X		L02			0.9	..... WEST D. M. & I. R. JCT.....		149.3		10.04
X					1.7	..... SOO LINE CROSSING.....		148.5		
X					2.6	..... D. W. & P. JCT.....		147.6		9.59
X		L04			3.2	..... WEST DULUTH..... P		147.0	s	9.57
XY		L 5			4.0	..... WEST DULUTH JCT..... P		146.2		9.55
	26	L11	VIA SUPERIOR AND 2ND SUB- DIVISION		10.3	..... SHORT LINE PARK..... P		139.9		9.43
	S-9	L16			15.0	..... BROWNELL..... P		135.2		9.37
		L19			18.3	..... THOMSON..... P		131.9		9.32
WZK RBYX	Yard SS125	86	L	9.14 PM	19.8	UN.....	CARLTON..... PDN	130.4	As	2.05 AM
	125	L26		9.22	26.0	..... OTTER CREEK..... P		124.2		1.45
	125	L33	f	9.28	31.6	..... MAHTOWA..... P		118.6	f	1.37
	Hse 23	L39	f	9.35	37.6	BM.....	BARNUM..... PD	112.6	s	1.26
W	125	L43	s	9.43	42.1	MU.....	MOOSE LAKE..... PDN	108.1	s	1.16
	62	L49		9.50	48.1	..... STURGEON LAKE..... P		102.1	f	1.01
	125	L54	s	9.57	52.6	WR.....	WILLOW RIVER..... PD	97.6	f	12.56
	S11	L58		10.02	56.5	..... RUTLEDGE..... P		93.7	f	12.51
	93	L62	s	10.09	61.6	FY.....	FINLAYSON..... PDN	88.6	f	12.46
	125	L66		10.13	65.0	..... GRONINGEN..... P		85.2	f	12.42
W	W125 E 125	L76	s	10.23	74.0	HN.....	HINCKLEY..... PDN	76.2	s	12.31
	S18	L83	f	10.31	81.3	..... BEROUN..... P		68.9	f	12.11
	125	L89	f	10.37	87.1	J.....	PINE CITY..... PD	63.1	s	12.04 AM
	S20	L94		10.42	91.8	..... ROCK CREEK..... P		58.4	f	11.59 PM
	125	L99	s	10.49	96.9	RC.....	RUSH CITY..... PDN	53.3	f	11.54
	S20	L106		10.56	103.8	..... HARRIS..... P		46.4	f	11.47
	139	L111	s	11.03	108.9	CH.....	NORTH BRANCH..... PD	41.3	f	11.42
	S15	L119		11.12	116.9	..... STACY..... P		33.3	f	11.34
	142	L123	f	11.17	121.9	WI.....	WYOMING..... PD	29.1	f	11.30
	93	L127	f	11.25 ⁶⁵	125.6	ST.....	FOREST LAKE..... PD	25.0	s	11.25 ⁶⁵
	125	L135	f	1.35	133.6	VN.....	HUGO..... PD	16.6	f	11.03
		L140		11.40	137.8	..... BALD EAGLE.....		12.4		10.58
WXX	Yard	L141	As	11.50 PM	138.9	WB.....	WHITE BEAR LAKE..... PDN	11.3	L	10.56 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 10.30 PM	
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EXCEPT ON DOUBLE TRACK, EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

4 WESTWARD

SECOND SUBDIVISION

Time Table No. 78C

July 16, 1961

STATIONS

Telegraph Offices and Calls

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.
			65	57	59	55	49	
			Passenger	Passenger	Passenger	Passenger	Passenger	
					G. N. 19			G. N. 23
			Daily	Daily	Daily	Daily	Daily	Daily
BRKOT WXYZ	Yard	WB71	L 8.15 PM	L 6.05 PM	L 3.30 PM	L 7.45 AM	L 6.35 AM	
X			8.17	6.07	3.32	7.47	6.37	
X	Yard	L 1	8.19	6.09	3.34	7.49	6.39	
X			8.21	6.10	3.36	7.51	6.41	
X			8.24	6.13	3.40	7.54	6.45	
X			8.27	6.15	3.42	7.56	6.47	

0.0	EAST D. M. & I. R. JCT.	0.9
0.9	DULUTH	1.0
1.9	GARFIELD AVE.	0.7
2.6	RICES POINT	0.6
3.2	BRIDGE SWITCH	0.9
4.1	ELEVATOR STATION	0.7
4.8	C&NW CONN.	0.3

Double Track

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 8.32	s 6.16	s 3.45	s 7.59	s 6.50	5.1
BX			8.33	6.18	3.46	8.00	6.51	5.6
XYR	Yard	67	8.39	6.26	A 3.53 PM	s 8.07	A 6.55 AM	9.3
	80	69½	8.42	6.29		8.10		11.9
	S-4	74	8.47	6.35		8.15		16.2
		78½	8.51	6.40		8.19		19.4
	134	82	f 8.57	6.47		s 8.26		24.1
KRB WYXZ	Yard	NS135	A s 9.04 PM	s 6.55		s 8.34		28.4
	125	96		7.07		s 8.48		38.1
	125	102		7.15		8.56		44.5
	19	108		f 7.21		s 9.03		50.0
	125	112		7.26		9.08		53.8
	S-20	114		7.29		s 9.12		56.0
	127	120		7.36		s 9.20		62.1
X	W123 E117	129		f 7.47		s 9.32		71.4
	125	138		7.57		s 9.44		80.1
	S-9	144		8.04		9.51		85.9
WX	W67 E125	150		s 8.11 ⁵⁶		s 10.01		92.0
X	125	160		s 8.27		s 10.15		102.3
	125	170		8.40		10.27		111.9
WOZKR BTYX	130	177		s 8.52		s 10.35		119.1
	125	181		9.03		10.43		123.3
	125	191		9.14		s 10.54		132.5
	125	199		9.25		s 11.07		141.2
WOZR KTYXB	Yard	207		A 9.35 PM		A 11.25 AM		148.5

BY	SUPERIOR U. D.	PDN
	BELKNAP ST.	P
AJ	CENTRAL AVE.	PDN
	POKEGAMA	P
	ANTON	P
	STATE LINE	P
	WRENSHALL	P
UN	CARLTON	PDN
	SAWYER	P
	CORONA	P
CM	CROMWELL	PD
	WOODBURY	P
	WRIGHT	P
	TAMARACK	P
MG	McGREGOR	PDN
	KIMBERLY	P
	ROSSBURG	P
KN	AITKIN	PDN
DO	DEERWOOD	PDN
	LOERCH	P
B	BRAINERD	PDN
	BAXTER	P
PG	PILLAGER	PD
MO	MOTLEY	PD
SO	STAPLES	PDN

AUTOMATIC BLOCK

Double Track

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. 78C

July 16, 1961

STATIONS

Telegraph Offices and Calls

..... EAST D. M. & I. R. JCT.....	0.9
DU..... DULUTH..... PDN	1.0
..... GARFIELD AVE..... P	0.7
..... RICES POINT..... P	0.6
..... BRIDGE SWITCH.....	0.9
..... ELEVATOR STATION.....	0.7
..... C&W CONN.....	0.3

Distance from Staples.

Double Track

FIRST CLASS

	66	58	50	60	56
			G. N. 24	G. N. 20	
Passenger	Passenger	Passenger	Passenger	Passenger	Passenger
Daily	Daily	Daily	Daily	Daily	Daily
148.5					
147.6	A 3.45 AM	A 7.05 AM	A 11.50 AM	A 6.45 PM	A 10.10 PM
146.6	3.32	7.03	11.44	6.43	L 10.08 PM
145.9	3.30	7.01	11.42	6.41	SUBDIVISION
145.3	3.28	6.59	11.40	6.39	
144.4	3.23	6.54	11.37	6.34	
143.7	3.20	6.51	11.35	6.31	

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		BY..... SUPERIOR U. D..... PDN	143.4	s 3.18	s 6.50	s 11.34	s 6.30	VIA THIRD
} Double Track BELKNAP ST..... P	142.9	3.00	6.46	11.29	6.18		
	AJ..... CENTRAL AVE..... PDN	139.2	2.54	f 6.41	L 11.24 AM	L 6.13 PM		
 POKEGAMA..... P	136.6	2.50	6.38				
 ANTON..... P	132.3	2.45	6.33				
 STATE LINE..... P	129.1	2.41	6.29				
 WRENSHALL..... P	124.4	f 2.35	s 6.23				
	UN..... CARLTON..... PDN	120.1	L 2.28 AM	s 6.18			As 9.30 PM	
 SAWYER..... P	110.4		6.05			s 9.18	
 CORONA..... P	104.0		5.58			9.11	
	CM..... CROMWELL..... PD	98.5		f 5.52			s 9.04	
..... WOODBURY..... P	94.7		5.47			8.59		
..... WRIGHT..... P	92.5		f 5.44			s 8.56		
..... TAMARACK..... P	86.4		f 5.37			s 8.48		
MG..... MCGREGOR..... PDN	77.1		s 5.25			s 8.36		
..... KIMBERLY..... P	68.4		5.14			s 8.25		
..... ROSSBURG..... P	62.6		5.07			8.18		
KN..... AITKIN..... PDN	56.5		s 4.59			s 8.11 ⁵⁷		
DO..... DEERWOOD..... PDN	46.2		s 4.47			s 7.52		
..... LOERCH..... P	36.6		4.35			7.38		
B..... BRAINERD..... PDN	29.4		s 4.26			s 7.30		
..... BAXTER..... P	25.2		4.16			7.18		
PG..... PILLAGER..... PD	16.0		f 4.05			s 7.07		
MO..... MOTLEY..... PD	7.3		f 3.54			s 6.55		
SO..... STAPLES..... PDN	0.0		L 3.45 AM			L 6.45 PM		

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. 78C		Distance from International Falls.	FIRST CLASS
			621	11		July 16, 1961			12
			Freight Daily Ex. Mon.	Passenger Daily		STATIONS			Passenger Daily
Telegraph Offices and Calls									
BKR WOZTYX	Yard	177	L 4.45 AM	L 2.45 AM	0.0	B.....BRAINERD... PDN	200.2	As 11.25 PM	
	50	LX 10	5.18	s 3.03	10.4	.....MERRIFIELD.....	189.8	s 10.53
	S10	LX 15		s 3.11	15.3	.....LAKE HUBERT.....	184.9	s 10.45
	54	LX 17	5.34	s 3.16	17.4	SW.....NISSWA..... D	182.8	s 10.40	
	55	LX 23	5.48	s 3.25	23.4	Q.....PEQUOT LAKES.... D	176.8	s 10.29	
	39	LX 27	5.54	s 3.32	26.6	.....JENKINS.....	173.6	s 10.22
	55	LX 32	6.07	s 3.43	32.6	RA.....PINE RIVER..... D	167.6	s 10.10	
	84	LX 36		f 3.50	36.5	.....MILDRED.....	163.7	f 10.02
	61	LX 42	6.28	s 4.00	41.9	US.....BACKUS..... D	158.3	s 9.55	
	38	LX 50	6.45	s 4.15	49.7	HK.....HACKENSACK.... D	150.5	s 9.42	
W	61	LX 63	7.17	s 4.42	62.9	W.....WALKER..... D	137.3	s 9.20	
	S10	LX 70		s 4.57	69.9	.....BENEDICT.....	130.3	s 9.06
	65	LX 75	7.53	s 5.07	74.9	G.....LAPORTE..... D	125.3	s 8.59	
	33	LX 81	8.10	s 5.22	81.2	.....GUTHRIE.....	119.0	s 8.50
	S5	LX 86		f 5.30	86.1	.....NARY.....	114.1	f 8.42
X			8.37	5.45	93.7	.....BEMIDJI TOWER.....	106.5	8.31
X	Yard	LX 95		s 5.49 6.04	94.7	BM.....BEMIDJI..... D	107.5	8.28 s 8.18	
			8.37	6.08	93.7	.....BEMIDJI TOWER.....	106.5	8.14
WOZTYX BKR	Yard	LX 94	A 8.40 AM	As 6.11 AM	94.4	DS...NORTH BEMIDJI... DN	108.8	L 8.11 PM	

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. 78C		Distance from Kelliher.	EASTWARD—Kelliher to Funkley.
				July 16, 1961			
				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, Wye and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	FIRST CLASS		Distance from Brainerd.	Time Table No. 78C		Distance from International Falls.	FIRST CLASS	
			11			July 16, 1961			12	
			Passenger	Daily		STATIONS			Passenger	Daily
RKB OWZTYX	Yard	LX 94	L	6.11 AM	94.4	DB... NORTH BEMIDJI... DN		105.8	As	8.08 PM
	48	LX 98	f	6.19	98.5	..... LAVINIA.....		101.7	f	8.01
	52	LX 104	f	6.27	104.1	..... TURTLE RIVER.....		96.1	f	7.51
	53	LX 110	s	6.37	110.5	SJ..... TENSTRIKE..... D		89.7	s	7.41
	68	LX 113	s	6.42	113.4	..... HINES.....		86.8	s	7.35
W	44	LX 118	s	6.52	118.4	CK..... BLACKDUCK..... DN		81.8	s	7.26
Y	47	LX 125	s	7.02	124.9	..... FUNKLEY.....		75.3	s	7.15
X	55	LX 134	s	7.21	134.3	N..... NORTH HOME..... D		65.9	s	6.59
	39	LX 139	s	7.32	139.5	MZ..... MIZPAH..... D		60.7	s	6.50
	42	LX 144	s	7.42	144.3	..... GEMMELL.....		55.9	s	6.42
	36	LX 149	f	7.50	148.6	..... RIDGE.....		51.6	f	6.35
	47	LX 157	s	8.06	156.6	..... MARGIE.....		43.6	s	6.24
	34	LX 166	s	8.23	165.7	R..... BIG FALLS..... D		34.5	s	6.10
	44	LX 167	f	8.26	166.7	..... GRAND FALLS.....		33.5	f	6.07
	36	LX 176	f	8.43	175.7	..... WISNER.....		24.5	f	5.52
	42	LX 184	s	8.58	184.0	F..... LITTLE FORK..... D		16.2	s	5.40
	78	LX 193	f	9.15	193.3	..... NAKODA.....		6.9	f	5.26
WYXBKR	Yard	LX 200	A	9.30 AM	200.2	FNINTERNATIONAL FALLSDN		0 0	L	5.15 PM

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 ST.
near C&NW Connection.
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. Ry. Crossing.
BERWIND JCT.
Interlocking, junction with Soo Line and D. W. & P.
GRASSY POINT DRAWBRIDGE
Interlocking.
G. N. RY. 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**

Time Table No. 78C July 16, 1961			
STATIONS			
Telegraph Offices and Calls			
XR	160	Yard	0.0
DO.....DEERWOOD.....PDN			3.9
WRXB	LK4	Yard	3.9
RN.....IRONTON.....PD			0.0

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

Time Table No. 78C July 16, 1961					
STATIONS					
Telegraph Offices and Calls					
WZB	Yard	86	L 3.55 PM	L 6.25 AM	0.0
YXRK					
HSE-6	LC4		f 4.05	f 6.35	3.2
WRZX	Yard	LC7	A 4.15 PM	A 6.45 AM	5.9

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

Grassy Point Line Time Table No. 78C July 16, 1961					
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.

S. A. ANDERSON,
Asst. Superintendent.

W. E. BUCKLEY,
Trainmaster.

L. L. JOHNSTON,
Trainmaster.

W. J. CONDOTTA,
Trainmaster-Roadmaster.

J. E. ROSS,
Chief Dispatcher.