NORTHERN PAGIFIC RAILWAY COMPANY.

DULUTH AND SUPERIOR TERMINALS

In Effect at 12:01 A. M. Central or 90th Meridian Time.

SUNDAY, DECEMBER 27, 1925.

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

C. L. NICHOLS, General Manager

W. H. STRACHAN,

General Superintendent

H. MCCAULEY,

General Superintendent of Transportation.

W. C. SLOAN,

Superintendent.

WESTWARD

FIRST SUB-DIVISION (DULUTH AND SUPERIOR TERMINAL)

						FIRS	T CLAS	58									,	TIME TABLE No. 123	80			÷		FIR	ST CLA	SS		•	SECONI	D CLAS
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	-	İ	D.& i. R 50	N. P. 181	N. P. 55	D. M. & N.	N. P. 54	N. P. 185	N. P.	D.&I.R	N. P. 189	N. P.	N. P.	D. M & N.	les, Wy Limits.	umber	Distance from D. & I. R. Jet.	Succeeding No. 122.	from Fe	sity of	N. P. 191	D. W. & P. 19	N. P. 57	N. P.	D.& I. R.	D.& I. R			C. M. & St. P. 625	N. P
			Pass'gr	Mictor Car	Pass'gr	Pass'gr	Pass'gr	Motor Car	Pass'gr	Pass'gr	Meter Car	Pass'gr	Pass'gr	Pass'gr	Tan L	Z,	HIG.	STATIONS	900	арвс				Pass'gr	Pass'gr	Pass'gr	-		Freight	
۱ ۱			Daily	Ex. Sun	Daily	Daily	Daily	Sun. only	Ex. Sun.	Daily	Ex. Sun.	Daily	Daily	Daily	Wate Furn	Station	Diats	Telegraph Offices and Calls	Diets	Car	Daily	Daily	Daily	Dally	Daily	Daily	-	-	Daily	Da
			L 8.20	AN	AM	233	AK	組	緢	L 6.51) pu	Phi	Pile	PM .			0.0	D. & I. R. JCT.	15.	1	PH	PN	Pil	PE PE	PM	L12.25	-		PM	21
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- -					-	- - 		1			s12.10			3.54		L 2	-	0.6	12.	-	s 5.29			s11.35				-	F 8:30	-
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				6.56		- -	. <u></u> -	8.52	8.47		12.18	2.07					4.4	D. W. & P. JCT. Interlocked.	10.	7	5.36	Ā 7.16		11.43					8.42	1_8
			<u> </u>	s 6-58	3			s 8.54	5 8.49		s12.21	s 2.10		·		L 04	1	WU WEST DULUTH DN	10.	0	s 5.38			s11.46					8.46	ξ.
				s 7.00)			a 8.56	A 8.52		\$12.24	A 2·12	-		wyx	L 5	5.8	WEST DULUTH JCT. P	9.:	3	s 5.41			A11.50	,				A 8.50	A 8
									<u> </u>								7.0	D. T. CROSSING	8.	1										
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				₫ 7.07				s 9.05			s12.32]			LB 2	8.5	0.4 SPIRIT LAKE	6.	6	5 5.49									
	,			s 7·10				5 9.08	-		s12.36					LB 3	9.7	1.2	5.	4	s 5.53			-		<u> </u>	-			-
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-		<u></u>	-	8 7.13	·			\$ 9.11			±12.39	·			·		10.7	1.7	4.4	-	5.56						-		<u> </u>	
-				s 7.18		 	-	8 9.17		ļ 	s1245				ļ	LB 5	12.4	WD NEW DULUTH D	_3.	7	s 6.01						-	-		ļ
_ _			AH	A 7.25	Щ	AM	AM	A 9.26	25	PHI	A12.55	PN	PE	PE		LB 8	15.1	FN FOND DU LAC D	0.0	0	A 6.09	FN	摆	PE	P₩	PH			PM	, P
			Daily	Ex. Sun.	Dally	Daily	Daily	Sun. only	Ex. Sun.	Daily	Ex. Sun.	Daily	Daily	Dally							Daily	Daily	Daily	Daily	Daily	Daily			Daity	D;
			.05	.40	.03	.06	.03	.46	.17	.04	.50	.12	.04	.06				Time Over Sub-Division			.44	.07	.03	.20	.05	.05	· · · · · · · · · · · · · · · · · · ·	_	.20	
			10.8	21.3	20.0	19.0	20.0	18.5	17.2	13.5	17.0	24.5	15.0	19.0				Average Speed Per Hour			19.3	21.4	20.0	14.7	10.8	10.8			10.8	14

EASTWARD TRAINS ARE SUPERIOR TO TRAINS OF THE SAME CLASS IN THE OPPOSITE DIRECTION. DOUBLE TRACK BETWEEN DULUTH AND WEST DULUTH JUNCTION. AUTOMATIC BLOCK SIGNALS FROM D. M. & N. JCT. TO WEST DULUTH JCT.

SPECIAL INSTRUCTIONS PAGE 6.

REGISTER STATIONS: Duluth Union Depot, West Duluth and Fond du Lac for first class trains and passenger extras.

Rice's Point yard office, West Duluth and Fond du Lac for second and third class trains and extras.

REGISTER EXCEPTIONS:

At West Duluth Nos. 61, 63, 65, 627 and 625 will register by ticket.

At West Duluth, Eastward trains will register by ticket and will not require clearance unless train order signal is displayed at caution or stop.

STANDARD TIME CLOCKS:

BULLETIN STATIONS: Duluth Union Depot.
Rice's Point yard office,

Duluth Union Depot, Telegraph Office. Rice's Point yard office.

YARD LIMITS:

Duluth yard extends from connection with D. & I. R. Ry., at Fifth Ave. East, to the easterly end of the St. Louis River bridge, and from Garfield Avenue to the yard limit sign on the Third Sub-Division main track west of West Duluth Junction, and to Grassy Point bridge.

BRIDGE RESTRIC-

Duluth to Fond du Lac no restrictions.

Great Northern Power Co. track. Speed will be restricted on all bridges for S, S1, S3, S4 and S10 to eight (8) miles per hour.

Engine classes T, Q1 and heavier will not be permitted.

When not in use must be kept set in derailing position. Main track 110 feet west of Fond du Lac Depot.

NOTE—Trains 181, 185, 189 and 191 will be discontinued after December 31st, 1925.

FIRST SUB-DIVISION. (DULUTH AND SUPERIOR TERMINAL)

EASTWARD

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	· · · <u>· · ·</u>	·			. <u></u> r	FIRST (CLASS		<u></u>								7. Jo	TIME TABLE No. 123			· <u> </u>		<u></u>	F	FIRST C	LASS	· · · · · ·			SECOND	CLASS
			400	68	180	58	304	184	202	52	62	188	204	56	r yes		& I. F	December 27, 1925. Succeeding No. 122.	ond du	Sidin	190	64	54	402	406	408				626	628
		<u> </u>	D. & I.R.	N. P.	N. P.	N. P. 58	D. W. & P. 20	N. P. 184	D. M. & N.	N. P.	N. P.	N. P.	D. M.	N. P. 56	les, Soal les, Wy Limits.	trabere	from D.		rom Fc	ity of	N. P. 190	N. P.	N, P.	D. & I.R.	D. & I.R.	D. & I.R.				C. M. & St. P. 626	N. P. 628
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				<u> </u>		-		Sun.				. Ex. Sun.			Vater Furn	3tatio	Dista	Telegraph Offices and Calls	Dista	Car	Daily	Dally	Daily	Daily	Daily	Daily				Daily	Daily
			Daily	Ala	Ex. Sun.	AM	M	All All	AN I	All .	PH	PH PH	Par	PE					15.1		PN	PA	Pi	A12.40	Pal	PH				A26	AM
,		<u> </u>	A 9.04				· ['		1	<u> </u>		-			W C O	<u> </u>	0.0	0.0					- 		-	-				<u> </u>	
		<u> </u>	L 9.00	A 6.30	0 8 8 09	A 9.30	4——'	A10.10	A10.57	A11.50	A 2.10	A 1.45	A 3.45	A 9.50	TYX	WB 71	0.9	-	14.2	Yard	A 6.55			L ₁₂ .35	1 7.00	10.10				<u> </u>	A 5.30
			· ~ · ·	6.26	8.06	L 9.27	A 7.54	10.07	7 10.54	L11.47	2.06	1.41	3.42	L 9.47	-		1.9		13.2	-	6.52	6.27	L 7.32				·				5.23
				s 6.24	4 8 8 0 5	/ <u></u> '	7.52	2 \$10.06	10.53 د	<u>·</u>	≤ 2.05	5 1.40	3.41			L 2	2.2		12.9	<u>. </u>	s 6.51	6.26		.]			,]	<u> </u>		A 5.15	5.21
		-		6.21	1 8.03	' ' ' اد	7.50	0 10.04	£10.51	. '	2.02	1.38	L 3.39			L 02	2.8		12.3		6.49	6.24		<u> </u>						5 11	5.17
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			<u></u>	6.14	4 7.58	3	L 744	4 9.59	3	,	1.55	5 1.33		٠.			4.4	D 111 0 0 10 10 1	10.7		6.44	6.19								5.01	5.08
				-	1 • 7.56	-	[9.57	-			2 1 30	1			L 04	1	1 0,7	10.6		s 6.42	s 6·17								4.57	5.04
		1,			8 7.54		·	s 9.55	-			3 1 28			WYX	L 5	5.8	0.7	9.3		s 6.39									L 4.52	i 5.00
	· -			1 0.00	8 1.02	'	 	3 3.00		-							7.0	1.2	8.1												,
					7.48	2	1	s 949	a	1	(s 1.21					8.1	5.1	7.0		₅ 6.32		1								
					8 7.47	-		s 9.48		[]	-	1.20	·		-	LB 2	8.5	0.4 SPIRIT LAKE	6.6		s 6.31										
					3 7.44	_		s 9.45	-		-	1.16				LB 3	9.7	MORGAN PARK. Minn. Steel Go. Crossing	5.4	-	627							-			
·		-	 		5 7.41	-		9.42	-	[1.13					10.7	1.0	4.4		s 6.24										
		-			-			9.42			[1.13				LBS		1.7	2.7		6.19										
					5 7.36		·	-		[:		-		-		LB 8		2.7	0.0		L 6.10								- Control		
	<u> </u>		AM	AM	1 7 2 8 M 181	-	AM .	L 9.30		AN .	P\$I	L 1.00 PH 189	1	Pit		<u> </u>							Pi		Pil -	P#				Daily	Daily
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			.04	.22	_	_	_		_ -	-	13.3		19.0	20.0				Time Over Sub-Division Average Speed Per Hour			18.9	19.6	20.0	.05	10.8	10.8				9.3	9.8
			13.5	13.3	20.7	20.0	15.0	21.3	19.0	20.0	15.5	18.9	19.0	20.0		<u> </u>	'	Warse place yes man		1 1		15.0				10.0			<u> </u>	1 1	

EASTWARD TRAINS ARE SUPERIOR TO TRAINS OF THE SAME CLASS IN THE OPPOSITE DIRECTION EXCEPT

(No. 181 is Superior to No. 180, West Duluth Jet. to Fond du Lac. No. 185 is Superior to No. 184, West Duluth Jet. to Fond du Lac. No. 189 is Superior to No. 188, West Duluth Jct. to Fond du Lac No. 191 is Superior to No. 190, West Duluth Jet. to Fond du Las.

DOUBLE TRACK BETWEEN DULUTH AND WEST DULUTH JUNCTION. AUTOMATIC BLOCK SIGNALS FROM D. M. & N. JCT. TO WEST DULUTH JCT.

SPECIAL INSTRUCTIONS PAGE 6.

AT DULUTH:

Garfield Avenue, junction switches will be kept set for First Sub-Division.
Rice's Point Yard, trains heading in and using the Dick tracks, Nos. 1 and 2, must not block the crossing at 19th Ave. West.

19th Ave. West. Fifth Ave. West, main track switch near Fifth Ave. West leading into Union Depot for use of D. & I. R. Ry. passenger trains, will be kept set and locked for main track. Garfield Avenue, all trains come to full stop not less than two hundred (200) feet from junction switch and cross-over used by D. W. & P. Ry. trains and not proceed until track is known to be clear.

AT FOND DU LAC:

Track between Fond du Lac and Power Plant will not be used except by authority of train orders.

AT WEST DULUTH JUNCTION:

Switch engines will use west leg of wye at West Duluth Junction and the Fond du Lac main track between West Duluth Junction and yard limit board for switch purposes, but will not leave cars on these tracks. All trains will look out for switch engines working in these limits. Switches at end of double track West Duluth Junction will be kept set and locked for Eastward trains from Third Sub-Division main track.

NOTE.—Trains 180, 184, 188 and 190 will be discontinued after December 31, 1925.

WESTWARD

SECOND SUB-DIVISION. (DULUTH AND SUPERIOR TERMINAL)

				FIRST	CLASS								1		,	TIME TABLE No. 123			-	FIRST	CLASS	SEC	COND C	LASS	THI	RD CLASS
	165	55	53	23	33	63	19	51	95	93	57	35	y ce g			December 27, 1925.		Siding	17	65		623	731		729	
	Omaha 65	N. P.	N. P. 54	G. N. 23	G. N.	N. P. 63	G. N. 19	N. P. 52	Omaha 95	Omaha 93	N. P. 57	G. N. 35	Fuel, Scales, ables, Wyce rd Limits,	Tumber	from Ave.	Succeeding No. 122.	fron	tolty of	G. N.	N. P. 65		N. P. 623	N. P. 732		N. P. 730	
	Pass'gr	Pass'gr	Pass'gr	Pass'gr	Pass'gr	Pass'gr	Pass'gr	Pass'gr	Pass'gr	Pass'gr	Pass'gr	Pass'gr	# 2 ≥	tion h	Distance Garfield	STATIONS	stance from	Cap	Pass'gr	Pass'gr		Freight	Freight		Way Freight	
	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Tur	Sta	ก็ชื่	Telegraph Offices and Calls.	คีชื	ō	Daily	Dally		Daily	Ex. Sun		Mon., We., Fri.	
	AX.	F 8.33	L 8-43	, AN	AM.	PM	Pil	№ 1 3.04	PE	PME	M 1 5 33	PE			0.0	GARFIELD AVE.	7.3		98	24		PS	PM		AM	
		8.35	8.45					3.06			5.35		W C O	Ъ1	0.8	0.8 RICES POINT	6.5	Yard	1			l. 9.00	L 8.30	,	L 6.00	
	L 8.23	8.36	8.47	L 8.32	L 8.4 3		L 4.07	3.08	L 2.36	L 5.48	5.36	L 8.07	7		1.3	0.5 BRIDGE SWITCH	6.0		L11.36			9.04	8.36	5	6.04	
	8.26	8.39	8.50	8.37	8.46		4.11	3.11	2.39	5.52	5.39	8.12	3		2.2	ELEVATOR STATION	5.1		11.40			9.1	8.42	3	6 1 1	
	A 8.29	8.41	8 .53	8.39	8.48		4.14	3.13	4 2.42	A 5.55	5.41	8.14	1		2.9	0.7 OMAHA CONN.	4.4		11.42	7		9.16	8.50)	6.16	
 		s 8.42	8. 55	s 8.40	s 8.50	L 2.23	s 4.15	5 3.14		ļ <u>.</u>	5 5.42	8.10	5 X	WB 67	3.2	SY SUPERIOR U. D. D	4.1		11.4 5	L12.05						
		8.44	8.56	8.41	8.51	2.24	4.16	3.15			5.44	8.10	5		8.6	8.4 BELKNAP STREET	8.7		11.46	12.06		9.22	9.05	,	6.22	
 	AM	A 8.55	4 9.05	A 8,50	4 9.00	A 2:31	4 4.24	4 3.25	PM	PN	A 5,55	A 8,28	3 W Y X	67	7.8	J CENTRAL AVENUE N	0.0	Yard	A11.55	A12.15		A 9.50	A 9.30		4 6,50	
	Daily	Daily	Dally	Daily	Daily	Dally	Daily	Dally	Daily	Daily	Daily	Daily							Daily	Daily		Daily	Ex. Sun		Mon., We., Fri.	
	.06	.22	.22	.18	.17	.08	.17	.21	.06	.07	.22	.21				Time Over Sub-Division			.19	.10		.50	1.00		.50	
	16.0	19.9	19.9	20.0	21.1	30.7	21.1	20.8	16.0	12.7	19.9	17.1		-		Average Speed Per Hour			18.9	24.6		7.8	6.5		7.8	

EASTWARD TRAINS ARE SUPERIOR TO TRAINS OF THE SAME CLASS IN THE OPPOSITE DIRECTION.

DOUBLE TRACK BETWEEN GARFIELD AVENUE AND OMAHA CONNECTION, AND BETWEEN BELKNAP STREET AND CENTRAL AVENUE, EXCEPT OVER MINNESOTA DRAW ON ST. LOUIS RIVER BRIDGE WHICH IS GOVERNED BY INTERLOCKING SIGNAL.

AUTOMATIC BLOCK SIGNALS BETWEEN CENTRAL AVENUE AND 21ST STREET, SUPERIOR.

SPECIAL INSTRUCTIONS PAGE 6.

REGISTER STATIONS: Superior Union Depot and Central Avenue for first class trains and passenger extras.

Rice's Point and Central Avenue for second class and inferior trains and extras when running via Third Sub-

BULLETIN STATIONS: Rice's Point yard office.

Rice's Point round house.

REGISTER EXCEPTIONS:

At Central Avenue No. 63 and G. N. No. 19 will register by ticket.

At Central Avenue Eastward trains register by ticket and will not require clearance unless train order

signal is displayed at stop or caution.

When not in use must be kept set in derailing position. East end N. P. Freight House track, Superior. Main track just east of N. P. Freight House, Superior. DERAIL SWITCHES:

SPEED RESTRICTIONS:

At Superior, all trains and engines will run under control between west yard limit board, Superior and Omaha connection, including Lake Superior Terminal & Transfer tracks between Belknap Street and Omaha connection expecting to find track occupied, and will not exceed ten (10) miles per hour over switches at Belknap

Second and inferior class trains will move with great care between Winter and Belknap Streets, Superior Freight yard, expecting to find the main tracks blocked.

AT SUPERIOR:

All trains using tracks of Lake Superior Terminal & Transfer Railway, between Omaha connection and Belknap Street, will be governed by L. S. T. & T. Ry. time table rules and regulations.

AT CENTRAL AVENUE: Westward trains and engines have the right to use Eastward main track between west lead from yard and the junction switch leading to terminal Fourth Sub-Division main track without protection, and all eastward trains will approach and pass through this territory under control expecting to find track occupied.

AT DULUTH:

Garfield Ave., all trains will come to a full stop not less than two hundred (200) feet from junction switch and cross-over used by D. W. & P. trains and not proceed until track is known to be clear.

SECOND SUB-DIVISION (DULUTH AND SUPERIOR TERMINAL)

EASTWARD

S THIRD CLASS
730
N. P. 729
Way Freight
Tues., Thurs. and Sat.
PM
A 1.45
1.42
1.38
1.35
1.32
L 1.15
Tues., Thurs. and Sat.
.30
13.0

EASTWARD TRAINS ARE SUPERIOR TO TRAINS OF THE SAME CLASS IN THE OPPOSITE DIRECTION

DOUBLE TRACK BETWEEN GARFIELD AVENUE AND OMAHA CONNECTION AND BETWEEN BELKNAP STREET AND CENTRAL AVENUE, EXCEPT OVER MINNESOTA DRAW ON ST. LOUIS RIVER BRIDGE WHICH IS

GOVERNED BY INTERLOCKING SIGNAL.

AUTOMATIC BLOCK SIGNALS BETWEEN CENTRAL AVENUE AND 21ST STREET, SUPERIOR.

RULES GOVERNING MOVEMENT OF TRAINS OVER ST. LOUIS RIVER BRIDGE.

LOCATION OF SIGNALS.

SPECIAL INSTRUCTIONS PAGE 6.

Interlocking semaphore signals govern use of tracks between Bridge Switch and Elevator Station.

All semaphore signals are upper quadrant type with following indications:

Top arm, horizontal, red light, stop.

Diagonally upward or yellow light, caution.

Vertical, green light, proceed, clear.

With the exception of the three-arm semaphore located west of Minnesota draw on eastward track, and the two-arm semaphore located just east of Elevator Station on the westward track, a lower arm, half length, is provided, and following indications of this arm will govern:

Diagonally upward or yellow light, proceed under full control expecting a train immediately ahead or routes lined up for movement against current of traffic.

The three-arm semaphore on eastward track west of Minnesota draw indicates position of double track switch, position of draw and route.

Top arm, Northern Pacific.

Middle arm, Great Northern.

Bottom arm, C. St. P. M. & O.

SPEED RESTRICTION: At Minnesota and Wisconsin drawbridges twenty (20) miles per hour.

The two-arm semaphore on westward track east of Elevator Station is route indication.

Top arm, straight main line.

Bottom arm, Great Northern freight track.

Derails are located as follows:

At approach to Elevator Station from east and west.

At approach to Minnesota draw from Duluth.

All trains in both directions will come to a full stop before entering onto Wisconsin draw.

All eastward trains will come to a full stop before entering onto Minnesota draw.

If proceed signal is received at the approach to Minnesota draw from the east, it will not be necessary to stop for such draw, it being protected by derail.

Dwarf signals are of modern, upward quadrant type and govern movements against current of traffic.

Horizontal, red light, stop.

Vertical, green light, caution.

WESTWARD	 · .														IVISION OR TERMINAL)				77.							EA	STW	ARD
	 		. Fl	RST CL	.ASS							-			TIME TABLE No. 123	1						FIF	RST CLA	ss				19
		_				65	309	313	63	311	307	les, res and		[December 27 1025		Siding	66	312	310	308	314	64					1
						N. P.	D. S. S. & A.	Soo Line	N. P.	Soo Line	D. S. S	Fuel, Scanbles, Wy	umbera	Distance from West Duluth Jot.	Succeeding No. 122.	from U. D.	ity of	N. P.	Soo Line	D. S. S. & A. 7	D. S. S.	Soo Line	N. P.		- -			
	 			_		Pass'gr		·	Pass'gr	Pass'er	Pass'er	253	N gos	t Duly	STATIONS	Dietance f	Capae			Pass'gr							ļ	-
						Daily		Daily	Daily	Dally	Ex. Sun	a a a A a a	Sta	V Sis	Telegraph Offices and Calls	E G	, i	Daily		Daily		ļ						-
						.11.50	P81 -	· ·	L 2.12	1	131		L'5			3.5	i	A 6.08	AN	All	Pal	PM	Pi A 6.15					
	 · 			_		11.52			2.14					0.6	ZENITH FURNACE	2.9		6.06					6.13	V				
	 		-			11.55	L 6.23	L 5.45	2.16	L 1.44	L 8.19			1.3	Soo Line 0.7 Connection DW&P BERWIND JCT. Interlocked	2.2	_	6.03	A 8.12	A10.12	A 5.39	4 5 .56	6.11					
						. [1.6	0.3 GRASSY POINT DRAWBRIDGE Interlooked	1.9							-					
						11.57	A 6.25	å 5.47	2.18	A 1.46	A 8.23			1.9	Soo Line 0.3 Connection WISCONSIN JCT. Interlocked	1.6		6.00	L 8.09	L10.09	L 5.36	L 5.52	6.09					-
	 					12.02			2.22					3.2	GRASSY POINT SIDING	0.8	6	5.54					6.05			···		
				·		12.04	798	辨	A 2.23	PME	All		WB 67	8.5	0.8 SUPERIOR U. D.	6.0		L 5.52	Ш	趙	P#	Fig	L 6.04					
	 					Dally	Daily	Daily	Daily	Daily	Ex, Sun			,	:			Daily	Daily	Daily	Ex. Sun.	Daily	Daliy					
						.14	.02	. 02	.11	.02	.04				Time Over Sub-Division	-		.16	. 03	.03	03	.04	.11					
						15.0	18.0	18.0	19.0	18.0	9.0				Average Speed Per Hour			13.1	12.0	12.0	13.0	9.0	19.0		<u> </u>			

EASTWARD TRAINS ARE SUPERIOR TO TRAINS OF THE SAME CLASS IN THE OPPOSITE DIRECTION. DOUBLE TRACK BETWEEN BERWIND JCT. AND SUPERIOR.

SPECIAL INSTRUCTIONS, PAGE 6.

REGISTER STATIONS: Superior Union Depot for first class trains and passenger extras.

SPEED RESTRICTIONS: At Grassy Point Bridge twenty (20) miles per hour.

AT GRASSY POINT DRAW BRIDGE:

A torpedo machine is located just inside of the Home Signal and is operated in connection with derail. The explosion of one torpedo indicates that derail is set in derailing position and train must be brought to a stop immediately to prevent derailment.

RULES GOVERNING THE MOVEMENT OF TRAINS OVER GRASSY POINT DRAW BRIDGE,

AT WEST DULUTH JUNCTION:

All trains will run slow around east leg of wye and passing Zenith Furnace plant, looking out for switch engines working on main track.

Junction switch will be kept set and locked for terminal First Sub-Division main track.

East leg of wye is terminal Third Sub-Division main track and the switch at junction at east and west legs of wye will be kept set and locked for main track.

WESTWARD

FOURTH SUB-DIVISION.

EASTWARD

729 731 Way Freight Freight Ex. Mon.	Pass'gr Pass Daily Dai	Water, Fuel, Scales Turn Tables, Wyes	Startio	Distance from East En	Talograph Offices and Calls Pass, Station	Dietane from Central Ave.	Da	'gr Pass'	gr		732 Freight Ex. Sun.			Way Preight Mon., We., Pri.		
Tues., Ex. Mon. Pi	Daily Dai	ally Sta	Startio	Distance fro	Talegraph Offices and Calls	Conti	Da	ly Deli	y		Ex. Sun.			Mon., We., Pri.		
L12.45 L 5.35	· I I	1	1	9.0	1	O O O		1 .	∘ i		1					
	t 7.00 L11.	WOY	Y 63	0.0	Pass. Station EAST END C.St. P. M. & O. Crossing		P	AM	·	T	D#					
12-54 5-44					Interlocked Track Conn	1.0	ard A 3	35 A 9.	.5		A 9.45			4 7.10	4.1	į .
	7.04 11.	1.19		1.8	HILL AVE.	2.2 Y	ard 3	31 9.:	.1		9.38	-		7.03	e e e e e e e e e e e e e e e e e e e	
				2.9	SOO LINE CROSSING Interlocked Track Conn.	1.1	· • . ·									
A 1.05 a N	A 7,10 A11	.25 W Y X	67	4.0	CENTRAL AVE.	0.0 ¥	ard 3.	25 L 9.0	15		L 9.30			i 6.55	. 1	
Tues., Th., Sat. Ex. Mon.	Daily Dail	afly					Dal	y Dail	,		Ex. Sun.		'*'	Mon., We., Pri.		
.20 .15 .15	.10	.10			Time Over Sub-Division			10 ,1	0	1	.15			.15		

EASTWARD TRAINS ARE SUPERIOR TO TRAINS OF THE SAME CLASS IN THE OPPOSITE DIRECTION. DOUBLE TRACK BETWEEN EAST END PASSENGER STATION AND EAST LEG OF WYE AT CENTRAL AVE.

INTERLOCKING

PLANT: REGISTER STATION: Central Avenue and East End.

Central Avenue.

REGISTER

REGISTER
EXCEPTIONS:

At East End passenger station first class westward trains will register by ticket.

AT CENTRAL AVENUE: Switches at west end of double track will be kept set and locked for eastward trains.

Switches at connection of Fourth and Second Terminal Sub-Divisions near depot will be kept set and locked for Second Sub-Division.

Care will be taken by train and enginemen when using east leg of wye, as it is single track and on sharp curve; trains will not exceed four (4) miles per hour, and in foggy or stormy weather they will protect by flag.

AT EAST END:

Switches at east end of double track, east of passenger station, will be kept set and locked for westward trains from First Sub-Division main track.

from First Sub-Division main track.

The distant semaphore of interlocking signals governing movement of westward trains from First Sub-Division main track, is an automatic signal of upper quandrant type. When horizontal or red light, it indicates track or cross-overs between signal and passenger station in use. When diagonally upward or yellow light, caution. When vertical or green light, proceed.

SPECIAL INSTRUCTIONS.

(Note Changes.)

- 1. Second class and inferior trains may run ahead of delayed first class trains between West Duluth Junction and Duluth, Superior and Rice's Point, West Duluth Junction and Superior, Superior and East End, without
 - 2. All inferior to first class trains may run ahead of each other without orders.
- Clearance Form A will not be required at Rice's Point Yard, Superior Freight Stationor Superior Union Depot.
- Extra trains, work extras and switch engines do not require train orders for movement between West Duluth Junction and Duluth, between Central Avenue and Rice's Point, between Central Avenue and East End, nor between West Duluth Jct. and Superior.
- 5. A Brakeman or Flagman must be stationed on the rear car of all trains, at all times, and be provided with proper flagging equipment. In case train is stopped on main track, Flagman must go back immediately with stop signals a sufficient distance to insure full protection to his train. Conductors and switch foremen will be held responsible for the strict observance of this rule.
- 6. To insure personal safety, Telegraphers having train orders or messages to deliver to passing trains, will stand to the right hand side of the train and avoid standing between tracks when possible to do so.
 - 7. All trains must move within yard limits prepared to stop unless the main track is seen or known to be clear.
- 8. The D. T. main track is the northmost track between the Boston Coal Dock crossing and connection with Grassy Point main track. All switches leading from this track, when not in use, will be left lined for same.

- 9. All train crews, switch crews and light engines using D. T. main track from connection of Missabe coal dock with this track to east end of Zenith Furnace Company's lead, on Grassy Point line, will move in both directions under full control, expecting to find the D. T. main track occupied.
- 10. D. T. connection, located at east end of Zenith Furance Company's lead, Grassy Point line, will be considered a railroad crossing. Trains using this connection will make usual stop and make sure that track is clear before proceeding.

11. Bridge Restrictions.

Speed will be restricted over Minnesota and Wisconsin Draw Spans between West Duluth and Superior to twenty (20) miles per hour.

Great Northern Power Co. Track. Speed will be restricted on all bridges for Engines Class S, S1, S3, S4 and \$10 to eight (8) miles per hour. Engines Classes T, Q1 and heavier will not be permitted.

12. The following signs when placed in columns provided indicate:

W-Water.

C—Fuel. O—Track scales.

T-Turntable.

Y--Wye.

D-Day office only.

DN—Day and night office.
P—Telephone.
X—Yard Limits.

AUTHORIZED	SURGEONS:-

Dr. C. S. KNOX, 219 Albany Block, Superior, East End, Dr. W. H. SCHNELL, 28 Columbia Bldg., Superior, Dr. F. C. SARAZIN, 28 Columbia Bldg., Superior, Dr. A. J. BRADEN, 400 Lyceum Bldg., Duluth, Dr. C. M. SMITH, 400 Lyceum Bldg., Duluth, Dr. O. E. HEIMARK, 2004 W. Superior St., Duluth, Dr. C. L. HANEY, 2004 W. Superior St., Duluth, Dr. GEORGE C. DOYLE, 2004 W. Superior St., Duluth,

Office Telephone East 67J Broad 65 Broad 65 Melrose 1089 Melrose 1089 Melrose 458 Melrose 458 Melrose 458

Residence LOCATION STRETCHERS:-Telephone East End Freight Station. East 67M Central Avenue Freight Station. Superior Freight Station. Broad 532 Broad 192 Rices Point Yard Office, Duluth. Hemlock 559 Hemlock 1955 Dock 6, Duluth. Calumet 184 Duluth Union Depot. Tool Car, Duluth. Melrose 579 West Duluth. Calumet 515

MAXIMUM CLEARANCES.

				ē				LIM	IT OF L	OAD MEA	SUREM	ENT.							
									Height	Above Top	of Rail,								
	1 ft. Wide	2 ft. Wide	3 ft. Wide	4 ft. Wide	5 ft. Wide	6 ft. Wide	7 ft. Wide	7 ft. 6 in. Wide	8 ft. Wide	8 ft. 6 in. Wide	9 ft. Wide	9 ft. 6 in. Wide	10 ft. Wide	10 ft. 2 in. Wide	10 ft. 6 in. Wide	11 ft. Wide	11 ft. 6 in. Wide	Max. Height	Max Widtl
First Sub-division, Duluth to Fond du Lac	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21′-0′′	21'-0'	21′-0′′	21'-0"	21′-0″	21'-0"	21′-0″	21′-0″	21'-0"	21′-0″	21'-0"	21′-0″	11'-6
Second Sub-division, Garfield Ave. to Central Ave	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21′-0″	21'-0"	21'-0"	21′-0″	21′-0″	11'-6
Third Sub-division, West Duluth Jct. to Superior U. D	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21′-0″	21'-0"	11'-6'
Fourth Sub-division, East End to Central Ave	21'-0''	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0''	21'-0"	21'-0"	21'-0"	21'-0"	21′-0″	21'-0"	21'-0"	21′-0″	11'-6'

G. W. ATMORE,

Ass't Superintendent.

D. M. DRISCOLL,

Ass't Superintendent.

F. L. BIRDSALL,

Trainmaster.

H. J. COUNCILMAN,

Trainmaster.

F. E. POTTER,

Chief Dispatcher.

