

**COMPANY SURGEONS**

- \*Dr. Roscoe C. Webb, Chief Surgeon..... Minneapolis, Minn.
- \*Dr. Ernest R. Anderson, Asst. Chf. Surg., Minneapolis, Minn.
- \*Dr. Louis T. O'Brien ..... Breckenridge, Minn.
- Dr. C. W. Jacobson ..... Breckenridge, Minn.
- \*Dr. Clarence V. Bateman ..... Wahpeton, N. D.
- Dr. E. W. Humphrey ..... Moorhead, Minn.
- \*Dr. Kent E. Darrow ..... Fargo, N. D.
- \*Dr. P. H. Burton ..... Fargo, N. D.
- Dr. H. J. Fortin ..... Fargo, N. D.
- Dr. I. D. Clark ..... Casselton, N. D.
- Dr. C. G. Owens ..... New Rockford, N. D.
- \*Drs. Kermott and Kermott ..... Minot, N. D.
- Dr. Frank Wheelon ..... Minot, N. D.
- \*Dr. M. G. Flath ..... Stanley, N. D.
- \*Dr. Robert Goodman ..... Powers Lake, N. D.
- \*Dr. C. O. McPhail ..... Crosby, N. D.
- \*Dr. J. P. Craven ..... Williston, N. D.

\*Designates also Examining Surgeon.

**OPHTHALMIC SURGEONS**  
(Eye Doctors)

- Dr. Archibald D. McCannel ..... Minot, N. D.
- Dr. M. B. Ruud ..... Grand Forks, N. D.

J. J. FINNESSEY, Chief Dispatcher.  
R. E. STROM, Trainmaster.  
F. W. LANE, Trainmaster.  
J. F. GRAHAM, Trainmaster.

# GREAT NORTHERN RAILWAY COMPANY

## MINOT DIVISION

# TIME TABLE 72

EFFECTIVE 12:01 A. M.

CENTRAL TIME

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**Tuesday, February 26, 1952**

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M. L. GAETZ, Superintendent.  
T. A. JERROW, General Manager.  
A.W. CAMPBELL, General Superintendent Transportation.

2 WESTWARD

FIRST SUBDIVISION

Time Table No. 72

Effective February 26, 1952

STATIONS

Station Numbers	Car Capacity		THIRD CLASS				SECOND CLASS				FIRST CLASS					Distance from Breckenridge	Telegraph Calls		
	Sidings	Other Tracks	401	403	449	341	(332) 327	199	209	197	11	3	27	9	1				
			Daily	Daily	Daily	Mon., Wed., Fri.	Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Sun.	Streamliner	Daily	Daily	Daily	Daily			Streamliner	
A214 R1	Yard	1145 108	L 8.15Pm	L 2.15Pm	L 6.40Am					L 6.01Am 6.05		L 1.15Pm 1.18	L 1.52Pm	L 4.35Am 4.40	L 12.05Am	0.99 0.90 0.20 0.85 3.56	BR WH WH KN WO		
			A 8.25Pm	A 2.25Pm	A 6.50Am					A 6.08Am		1.20	1.56	4.43	12.09	1.84 5.40	OM MH FO F RO W SU GD JA G BF KO		
P7		85										1.26	2.02	4.49	10 12.16	7.26	OM		
P9		19												4.52		9.20	OM		
P14		90										1.34	2.10	5.02	12.24	14.23	OM		
P23		89										1.44	2.19	5.16	12.35	23.24	WO		
P20		75										1.51	2.26	5.26	12.43	30.07	OM		
P85		36										1.57	2.31	5.36	12.50	35.22	OM		
P40		55										2.03	2.36	5.43	12.57	40.75	OM		
		120									L 10.20Pm	2.08	2.41	5.50	1.02	44.79	MJ		
241		55								L 8.01Pm		2.10	2.43	5.55	1.04	44.92	MJ		
242	Yard	1310					L 8.25Am	A 8.10Pm	L 7.40Am	L 7.30Am		A 10.26 L 10.29	A 2.15 L 2.25	A 2.45 L 3.00	A 6.00 L 6.20	A 1.10 L 1.15	46.61	MH	
243							8.30		7.45	7.35		A 10.31Pm	A 2.30Pm	3.03	A 6.23Am	1.17	47.70	F	
FB6		08					8.43		7.55	7.45				3.09		1.22	52.91	F	
FB12		00					8.55		8.08	7.58				3.15		1.28	59.08	RO	
FB17		24					9.05		8.05	8.05							63.32	RO	
FB28		00	L 10.39Pm	L 4.32Pm	L 9.26Am		9.20		8.30	A 8.15Am				3.25		1.38	69.55	RO	
FB29		09	10.49	4.42	9.36		9.45		8.38					3.32		1.44	75.57	RO	
S16			10.55	4.48	9.42		A 9.55Am		8.44					3.35		1.47	78.60	RO	
FB41		128	11.15	5.05	10.02				9.01					3.44		1.54	87.41	W	
FB47		79	11.27	5.15	10.12				9.12					3.50		2.00	94.10	W	
FB53		142	11.42	5.28	10.25				9.25					3.56		2.05	99.40	W	
FB60		128	12.16Am	5.50	10.42				9.40					4.04		2.11	106.88	W	
FB67		79	12.30	6.10	10.52				9.52					4.12		2.18	113.21	W	
FB73		133	12.42	6.42	11.05				10.10					4.19		2.23	119.60	W	
FB80		38	12.55	6.55	11.18				10.25					4.27		2.30	127.02	W	
FB86		139	1.05	7.04	11.27				10.37					4.33		2.35	133.00	W	
FB93		32	1.16	7.15	11.38				10.50					4.41		2.41	139.97	W	
FB100		144	1.26	7.26	11.49				11.02					4.48		2.46	145.58	W	
FB106		41	1.36	7.36	11.59				11.15					4.54		2.51	152.97	W	
FB113		146	1.46	7.46	12.11Pm				11.27					5.00		2.56	159.26	W	
FB118		140	1.55	7.56	12.21				11.35					5.06		3.01	165.11	W	
FB124	Yard	999	A 2.05Am	A 8.05Pm	A 12.35Pm				A 11.50Am					A 5.15Pm		A 3.08Am	170.95	W	
			3.36 28.6	3.43 27.7	3.19 31.1		1.30 21.3		0.09 7.00		4.10 29.3		.45 30.5	.07 15.7	.11 15.8	1.15 38.1	3.23 60.05	1.48 24.6	3.03 56.0

AUTOMATIC BLOCK SIGNALS

Westward trains are superior to eastward trains of the same class, except as follows:  
 No. 1 and No. 11 are superior to all trains; No. 2 and No. 12 are superior to all trains except No. 1 and No. 11.  
 A proceed indication displayed on eastward home signal at Wahpeton Jct. will confer superiority to eastward trains over westward trains regardless of class as follows: first class trains and passenger extras to end of double track Breckenridge, all other trains to west yard lead switch Breckenridge.  
 SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 11 THROUGH 18.

FIRST SUBDIVISION

EASTWARD 3

Time Table No. 72 Effective February 26, 1952	Distance From New Bedford	FIRST CLASS					SECOND CLASS				THIRD CLASS				SIGNS					
		12	4	28	10	2	(331) 328	200	210	198	342	402	592	448						
		Streamliner				Streamliner	Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Sun.	Mon. Wed., Fri.	Daily	Daily Ex. Sun.	Daily						
..BRECKENRIDGE..	170.95	A	5.40Pm	A	5.20Pm	A	12.38Am	A	2.25Am				A	11.00Pm				A	3.10Am	BDNXWC KOYB
..WAHPETON..	169.00	s	5.34			s	12.27						s	10.52						PXD
..MILW. CROSSING..	169.70																			M
..WAHPETON JCT..	169.11		5.32		5.14		12.22		2.18				L	10.46Pm				L	2.57Am	PJXI
..MILW. CROSSING..	165.55																			I
..LURGAN..	163.70		5.26		5.08		12.16Am		2.11											P
..BRUSHVALE..	161.75					r	11.57													
..KENT..	156.72		5.18		5.00	r	11.48		2.03											DP
..WOLVERTON..	147.71		5.08		4.50	r	11.35		1.52											DP
..COMSTOCK..	140.88		5.01		4.43	r	11.24		1.44											DP
..RUSTAD..	135.72		4.55		4.37	r	11.16		1.37											DP
..FINKLE..	130.20		4.49		4.31		11.07		1.30											P
..MOORHEAD JCT..	126.16	A	9.10Am		4.44		10.57		1.25											IDNP XJ
..N. P. RY. CROSSING..	126.08																			I
..MOORHEAD..	125.84	s	9.09	s	4.42	s	10.55		1.23	A	7.10Am									DNPKR
..FARGO..	124.29	L	9.04	L	4.40	L	4.20	L	10.45	L	7.00Am	A	7.00Pm	A	9.10Pm					WXBDN IKR
..FARGO JCT..	123.25	L	8.59Am	L	4.25Pm		4.00	L	10.16Pm											BCDNJK ORWXY
..PINKHAM..	118.04				3.55			r	1.07											P
..PROSPER..	111.87				3.49			r	1.01											DP
..NEWMAN..	107.03							r	8.35											
..VANCE..	101.40				3.39			L	5.50Pm	s	8.25									YPJI
..MASON..	95.88				3.32				12.45											WP
..ERIE JCT..	92.36				3.25				12.42											PJ
..NOLAN..	83.54				3.16			As	4.20Pm	L	7.45Pm									PIDNWJ
..WALDEN..	76.85				3.09			s	4.08											P
..PILLSBURY..	71.40				3.04			s	3.56											DP
..LIVERNE..	64.10				2.56				12.16											DP
..KARNAK..	57.74				2.48				12.09											DP
..N. P. RY. CROSSING. ..HANNAFORD..	51.35			s	2.41				12.04Am											IDNPW
..REVERE..	43.05				2.31				11.57											P
..SUTTON..	37.95				2.25				11.52											DP
..GLENFIELD..	30.98				2.17				11.46											DP
..JUANITA..	24.42				2.10				11.40											DP
..GRACE CITY..	17.98				2.03				11.35											DP
..BRANTFORD..	11.59				1.56				11.30											DP
..DUNDAS..	5.84				1.50				11.25											P
..N. P. RY. CROSSING. ..NEW ROCKFORD..				L	1.42Pm			L	1.19Pm											BDNPKB IWXY
Time Over Subdivision		.11	1.15	3.38	2.22	3.08	.10	4.50	1.25	.14	1.25	3.34	.55	3.48						
Average Speed Per Hour		15.8	38.1	47.0	20.2	55.1	6.03	22.0	28.8	7.9	22.5	28.0	28.8	30.4						

AUTOMATIC BLOCK SIGNALS

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 A proceed indication displayed on eastward home signal at Wahpeton Jet will confer superiority to eastward trains over westward trains regardless of class as follows: first class trains and passenger extras to end of double track Breckenridge, all other trains to west yard lead switch Breckenridge.  
 SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 11 THROUGH 18.

**4 WESTWARD**

**SECOND SUBDIVISION**

Station Numbers	Car Capacity		THIRD CLASS			SECOND CLASS		FIRST CLASS				Distance from New Bookford	Time Table No. 72 Effective February 26, 1952	STATIONS	Telegraph Calls
	Sidelings	Other Trains	403	449	401	319	199	3	27	9	1				
			Daily	Daily	Daily	Daily Ex. Sunday	Daily Ex. Sunday	Daily	Daily	Daily	Daily Streamliner				
FS124	Yard	999	L 8.15Pm	L 12.53Pm	L 2.25Am	.....	L 1.00Pm	.....	L 5.18Pm	.....	L 3.08Am	.....		NEW ROCKFORD	KO
FS131	140	23	8.30	1.07	2.38	.....	1.29 <sup>28</sup>	.....	5.26	.....	3.15	6.80		MUNSTER	
FS137	141	35	8.45 <sup>448</sup>	1.24 <sup>28</sup>	2.50	.....	1.40	.....	5.32	.....	3.20	12.40		BREMEN	BN
FS143	88	31	8.55	1.34	3.25	.....	1.51	.....	5.39	.....	3.25 <sup>401</sup>	18.60		HAMBERG	MA
FS149	141	31	9.05	1.43	3.37	.....	2.05 <sup>402</sup>	.....	5.46	.....	3.30	26.01		HEIMDAL	HD
FS155	141	38	9.18	1.53 <sup>402</sup>	3.50	.....	2.25	.....	5.52	.....	3.35	31.11		WELLSBURG	WX
FS162	141	38	9.30	2.03	4.01	.....	2.45	.....	5.59	.....	3.40	37.43		SELZ	Z
FS169	.....	25	9.45	2.15	4.15	.....	3.05	.....	6.08	.....	3.46	44.46		CLIFTON	
FS177	W 103 E 88	84	10.31 <sup>2</sup>	2.29	4.30	.....	3.28	.....	6.18	.....	3.55	52.74		AYLMER	MR
FS183	.....	38	10.45	2.36	4.40	.....	3.38	.....	6.25	.....	4.00	58.62		M. St. P. & S. M. Ry. Crossing NORFOLK	
FS187	133	34	10.55	2.42	4.46	.....	3.49	.....	6.29	.....	4.03	62.49		GUTHRIE	
FS193	.....	41	11.04	2.50	4.56	.....	4.02	.....	6.34	.....	4.08	68.45		RANGELEY	
FS200	84	38	11.17	3.05	5.06	.....	4.22	.....	6.42 <sup>448</sup>	.....	4.13	73.31		KARLSRUHE	KA
FS205	144	38	11.27	3.21	5.16	.....	4.45	.....	6.48	.....	4.18	81.17		VERENDRYE	RY
FS212	140	38	11.39	3.35	5.26	.....	5.05	.....	6.55	.....	4.23	87.50		SIMCOE	MO
FS218	87	25	11.52	3.50	5.36	.....	5.25 <sup>448</sup>	.....	7.02	.....	4.28	94.00		GENOA	
519	.....	.....	12.05Am	4.10	5.50	L 6.10Pm	5.50 <sup>448</sup>	L 8.34Pm	7.10	L 3.23Pm	4.36	101.58		SUREY (M. D. Jct.)	SR
528	.....	218	12.15	4.20	5.59	6.20	6.02	8.39	7.14	3.29	4.40	105.97		C. K. SWITCH	
526	Yard	2197	A 12.30Am	A 4.30Pm	A 6.10Am	A 6.30Pm	A 6.20Pm	A 8.45Pm	A 7.25Pm	A 3.35Pm	A 4.50Am	108.81		MINOT	AD
			4.15 25.6	3.37 30.0	3.45 29.0	.20 21.6	5.20 20.4	.11 39.4	2.07 51.4	.12 36.8	1.42 64.0				
			Time Over Subdivision Average Speed Per Hour												

AUTOMATIC BLOCK SIGNALS

DOUBLE TRACK

Westward trains are superior to eastward trains of the same class, except as follows:  
 No. 1 is superior to all trains;  
 No. 2 is superior to all trains except No. 1.

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 11 THROUGH 18.

SECOND SUBDIVISION

EASTWARD 5

Time Table No. 72

Effective February 26, 1952.

STATIONS	Distance from Minot	FIRST CLASS				SECOND CLASS		THIRD CLASS		SIGNS
		4	10	28	2	320	200	402	448	
		Daily	Daily	Daily	Streamliner	Daily	Daily	Daily	Daily	
					Ex. Sunday	Ex. Sunday				
NEW ROCKFORD	108.81			A 1.37Pm	A 11.19Pm		A 11.05Am	A 2.55Pm	A 9.10Pm	IRDNFB KWXOY
MUNSTER	102.01			1.29 <sup>199</sup>	11.10		10.45	2.40	8.55 <sup>408</sup>	P
BREMEN	96.32			1.24 <sup>449</sup>	11.05		10.32	2.30	8.45	DP
HAMBERG	90.21			1.18	11.00		10.14	2.18	8.35	DP
HEIMDAL	83.80			1.12	10.55		9.56	2.05 <sup>199</sup>	8.25	DPW
WELLSBURG	77.70			1.06	10.50		9.38	1.53 <sup>449</sup>	8.15	DP
SELZ	71.33			1.00	10.45		9.20	1.28	8.05	DP
CLIFTON	64.33			12.52	10.39		9.01	1.12	7.51	P
AYLMER	56.07			12.43	10.31 <sup>403</sup>		8.45	12.57	7.30	DNFW
M. St. P. & S. M. Ry. Crossing										
NORFOLK	50.19			12.37	10.26		8.13	12.45	7.12	IP
GUTHRIE	46.82			12.33 <sup>403</sup>	10.23		8.05	12.33 <sup>28</sup>	7.05	DP
RANGELEY	40.86			12.28	10.18		7.48	12.11Pm	6.55 <sup>27</sup>	P
KARLSRUHE	33.50			12.21	10.12		7.37	11.59	6.42	DP
VERENDRYE	27.64			12.15	10.07		7.20	11.48	6.27	DPW
SIMCOE	21.22			12.09	10.01		7.03	11.37	6.16	DP
GENOA	14.81			12.03Pm	9.56		6.47	11.25	6.04 <sup>199</sup>	P
SURREY (M. D. Jct.)	7.23	A 10.35Am	A 1.45Pm	11.55	9.50	A 6.20Am	6.35	11.10	5.50 <sup>27</sup>	RDNPLJ
C. K. SWITCH	2.84	10.29	1.35	11.51	9.45	6.10	6.20	10.50	5.30	PXI
MINOT		L 10.25Am	L 1.30Pm	L 11.45Am	L 9.40Pm	L 6.00Am	L 6.15Am	L 10.40Am	L 5.20Pm	IRDNFW CKOBY
Time Over Subdivision		.10	.15	1.52	1.39	.20	4.50	4.15	3.50	
Average Speed Per Hour		43.8	28.9	58.2	65.9	21.6	22.5	25.6	28.3	

AUTOMATIC BLOCK SIGNALS

DOUBLE TRACK

Westward trains are superior to eastward trains of the same class, except as follows:

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No. 2 is superior to all trains except No. 1.

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 11 THROUGH 13.

6 WESTWARD

THIRD SUBDIVISION

Time Table No. 72

Effective February 26, 1952

STATIONS

Station Numbers	Car Capacity		THIRD CLASS				SECOND CLASS			FIRST CLASS			Distance from Minot	STATIONS	Telegraph Calls
	Sidings	Other Tracks	423	449	401	403	9	219	(178) 179	3	27	1			
			Daily	Daily	Daily	Daily	Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Mon.	Daily	Daily	Streamliner Daily			
526	Yard	2197	L 7.40Pm	L 1.00Pm	L 8.40Am	L 2.01Am	L 4.10Pm	L 3.45Pm	L 8.55Pm	L 7.35Pm	L 4.55Am			MINOT	AD
			7.55	1.20	8.55	2.15	4.21	3.55	9.03	7.44	5.01	4.31	M. St. P. & S. S. M. Ry. Crossing	} Double Track	
			7.57	1.23	8.57	2.17	4.22	3.56	9.04	7.45	5.02	4.94	W. L. SWITCH		
586		14	8.06	1.38	9.12	2.30	4.29	4.05	9.10	7.50	5.08	9.24	GASSMAN SWITCH	} Double Track	
588	60	16	8.16	1.58	9.27	2.40	4.37	4.13	9.17	7.55	5.14	13.47	RALSTON		
544	80	27	8.25	2.12	9.51	2.50	4.45	4.20	9.22	8.00	5.19	17.80	DES LACS	DE	
													LONE TREE	NE	
549	E99 W141	179	8.34	2.25	10.05	3.01	5.01	4.30	9.27	8.05	5.23	22.33	BERTHOLD	BD	
								A 4.35Pm				22.89	CROSBY LINE JCT.		
552	140		9.01	2.35	10.15	3.10	5.09		9.32	8.10	5.28	27.01	ROACH		
558	150	18	9.20	2.50	10.25	3.20	5.17		9.38	8.16	5.34	32.05	TAGUS		
565	215	16	9.45	3.10	10.47	3.33	5.28		9.45	8.24	5.41	38.87	BLAISDELL		
572	140	22	10.05	3.30	11.10	3.45	5.40		9.53	8.40	5.49	45.85	PALEIRMO	PA	
												52.29	GRENORA LINE JUNCTION		
580	W260 E130	118	10.20	3.50	11.30	4.10	6.01		L 6.45Am A 6.55Am	10.05	8.51	5.58	58.70	STANLEY	SY
587	Auto. E130 14C Sigs.	24	10.35	4.05	11.45	4.25	6.15			10.14	9.00	6.06	61.08	ROSS	VR
592		10	10.43	4.15	11.55	4.35	6.23			10.19	9.05	6.11	65.69	MANITOU	
599	E104 W104	25	11.00	4.35	12.10Pm	4.50	6.36			10.28	9.13	6.20	73.11	WHITE EARTH	WH
600	109	22	11.15	4.52	12.25	5.05	6.50			10.37	9.21	6.29	80.97	TIOGA	G
614	140 E112	17	11.28	5.07	12.37	5.15	7.01			10.43	9.27	6.35	86.80	TEMPLE	MP
617	W69	43	11.40	5.20	12.50	5.27	7.14			10.50	9.33	6.42	92.74	RAY	RA
625	96	28	11.51	5.35	1.02	5.38	7.23			10.56	9.39	6.49	98.07	WHEELLOCK	W
631		26	12.01Am	5.44	1.12	5.48	7.35			11.02	9.45	6.56	108.24	EPPING	PG
633	96	17	12.10	5.53	1.22	5.58	7.47			11.08	9.51	7.03	109.06	SPRING BROOK	
641			12.19	6.02	1.32	6.07	7.59			11.15	9.57	7.10	114.64	AVOCA	
647	Yard	1729	A 12.45Am	A 6.20Pm	A 1.45Pm	A 6.20Am	A 8.20Pm			A 11.25Pm	A 10.10Pm	A 7.20Am	120.32	WILLISTON	WN
			5.05 23.7	5.20 22.2	5.05 23.7	4.19 27.8	4.10 28.9	.50 27.1	.10 8.4	2.30 48.6	2.35 46.6	2.25 49.7			

AUTOMATIC BLOCK SIGNALS

DOUBLE TRACK

Westward trains are superior to eastward trains of the same class, except as follows:

- No. 1 is superior to all trains;
- No. 2 is superior to all trains except No. 1.

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 11 THROUGH 18.

Time Over Subdivision  
Average Speed Per Hour

THIRD SUBDIVISION

EASTWARD 7

Time Table No. 72

Effective February 26, 1952.

STATIONS	Distance from Williston	FIRST CLASS			SECOND CLASS			THIRD CLASS			SIGNS
		4	28	2 Streamliner	220	10	(177) 180	448	402	424	
		Daily	Daily	Daily	Daily Ex. Sunday	Daily Ex. Sunday	Daily Ex. Sunday	Daily	Daily	Daily	
MINOT..... M. S. P. & S. S. M. Ry. Crossing	120.32	A 10.20Am	A 11.35Am	A 9.35Pm	A 7.45Am	A 12.01Pm		A 9.40Am	A 5.10Pm	A 12.55Am	IRDNPWY CKOXB
W. L. SWITCH.....	116.01	10.09	11.27	9.27	7.33	11.37		9.27	4.51	12.35	IP
GASSMAN SWITCH.....	115.38	10.08	11.26	9.26	7.32	11.35		9.25	4.48	12.33	IP
RALSTON.....	111.08	10.02	11.21	9.21	f 7.24	f 11.25		9.16	4.39	12.24	P
DES LACS.....	106.85	9.56	<sup>10</sup> 11.15	<sup>3</sup> 9.16	s 7.15	s <sup>28</sup> 11.15		9.07	4.30	12.15	IRDNPW
LONE TREE.....	102.73	<sup>401</sup> 9.51	11.10	9.11	s 7.05	s 11.01		8.57	<sup>218</sup> 4.20	12.05Am	P
BERTHOLD.....	97.99	9.46	11.05	9.06	s 6.55	s 10.50		8.50	4.10	11.57	IDNPBR X
CROSBY-LINE JCT.....	97.73				L 6.50Am						JPX
ROACH.....	93.81	9.41	11.00	<sup>423</sup> 9.01		f 10.35		8.42	4.03	11.50	P
TAGUS.....	88.27	9.35	10.54	8.55		s <sup>401</sup> 10.25		8.34	3.55	11.43	DP
BLAISDELL.....	81.45	9.28	<sup>401</sup> 10.47	8.48		s 10.05		8.23	3.45	11.30	DP
PALERMO.....	74.47	9.20	10.39	<sup>27</sup> 8.40		s 9.48		8.10	<sup>449</sup> 3.30	11.15	DP
GRENORA LINE JUNCTION.....	68.03					A 7.35Pm					FJ DNPI
STANLEY.....	66.62	s 9.11	s 10.30	8.32		L 7.30Pm		7.55	3.15	<sup>423</sup> 11.01	WYXBR
ROSS.....	59.29	8.59	10.19	8.24		s 9.10		7.20	2.50	<sup>3</sup> 10.35	IDP
MANITOU.....	54.73	8.54	10.14	8.19		f 9.00		7.13	2.40	<sup>3</sup> 10.19	P
WHITE EARTH.....	47.21	<sup>10</sup> 8.45	10.05	8.10		s <sup>4</sup> 8.45		6.53	2.15	9.55	DPW
TIOGA.....	39.35	8.37	9.56	8.01		s 8.23		<sup>1</sup> 6.29	2.01	9.42	DP
TEMPLE.....	33.82	8.31	9.50	7.55		s 8.10		6.05	1.45	<sup>27</sup> 9.27	P
RAY.....	27.53	8.24	9.43	7.48		s 7.57		5.53	1.30	8.55	DPW
WHEELOCK.....	22.25	8.17	9.37	7.41		s 7.40		5.44	1.20	8.45	RDNPI
EPPING.....	17.08	8.09	9.29	7.33		s 7.27		5.26	1.01	8.25	DP
SPRING BROOK.....	11.26	8.01	9.21	7.25		s 7.15		5.08	12.40	8.08	P
AVOCA.....	5.68	7.53	9.13	7.17		f 7.01		4.50	12.20	7.50	P
WILLISTON.....		L 7.45Am	L 9.05Am	L 7.10Pm		L 6.45Am		L 4.30Am	L 12.01Pm	L 7.30Pm	RDNPWY CKOXB
Time Over Subdivision		2.35	2.30	2.25		.55	5.16	.05	5.10	5.09	5.25
Average Speed Per Hour		46.6	48.6	49.7		24.6	22.9	16.8	23.3	23.3	22.2

AUTOMATIC BLOCK SIGNALS

Westward trains are superior to eastward trains of the same class, except as follows:  
 No. 1 is superior to all trains;  
 No. 2 is superior to all trains except No. 1.

Train No. 28 will stop at Ray on flag to pick up revenue passengers.

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 11 THROUGH 18.

8 WESTWARD

FOURTH SUBDIVISION

EASTWARD

Station Number	Car Capacity		THIRD CLASS			SECOND CLASS			Distance from Wahpeton Jct.	Time Table No. 72 Effective February 26, 1952	Telegraph Calls	Distance from Nolan	SIGNS	SECOND CLASS			THIRD CLASS	
	Siding	Other Tracks	401	403	449	(200) 175	209	197						(200) 176	200	198	448	402
			Daily	Daily	Daily	Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Sun.						Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Sun.	Daily
R 8	142	32	L 8.25Pm	L 2.25Pm	L 6.50Am			L 6.08Am	6.00	Wahpeton Jct.	78.21	JIX			A 10.46Pm	A 2.57Am	A 9.47Pm	
R14	70	32	8.40	2.38	7.03			6.20	6.00	DWIGHT	DT	72.21	DP		10.37	2.30	9.35	
R18		18	8.52	2.50	7.15			6.33	12.61	GALCHUTT	GS	65.60	DP		10.20	2.16	9.22	
								6.39	16.00	PITCAIRN		62.21	P		10.12			
R21	142	29	402 9.05	3.02	7.27			6.45	19.20	COLFAX	CX	59.01	DP		10.05	2.02	401 9.05	
R28	70	84	9.16	3.13	7.38			7.01	35.89	WALCOTT	Q	52.82	DP		9.50	1.50	8.51	
R38	142	71	198 9.29	3.26	7.51			7.25	38.38	KINDRED	KR	44.88	DPW		401 9.29	1.38	8.37	
R41	70	32	9.39	3.35	8.01			7.36	38.30	DAVENPORT	DV	39.91	IDP		9.13	1.25	8.25	
R44		32						7.44	42.25	ADDISON		35.96	P		9.06			
R48	109	87	9.53	3.49	8.15			7.53	42.60	CHAFFEE LINE JCT.		35.61	PJ					
R53		17						7.59	46.07	DURBIN	DU	31.14	DP		8.59	1.10	8.07	
								7.59	50.96	EVEREST		27.25	IDN		8.52			
								7.59	53.74	CASSETON TOWER	CT	24.47	PWX					
R56	134	236	10.08	4.01	200-176 8.55	L 200 5.30Pm	L 176 8.45Am	8.09	53.96	CASSETON	A	24.25	XP	A 449-209 8.42Am	A 175 5.20Pm	8.47	12.55	7.50
			A 10.10Pm	A 4.03Pm	A 8.57Am	A 5.31Pm	8.47	A 8.11Am	64.29	CASSETON JCT.		23.92	XYJP	L 8.40Am	5.15	L 8.45Pm	12.50	7.45
T 1	69	19						9.08	64.68	ABERAKA	AX	13.53	DP		4.55		12.31	7.25
T 7	107	26						9.28	70.71	AYR	AY	7.50	DP		4.40		12.20	7.15
P841	128						A 9.45Am		78.21	NOLAN	W		BID PNWJ		L 4.20Pm		L 12.05Am	L 7.01Pm
			1.45 31.8	1.88 33.4	2.07 25.6	.01 19.8	1.00 24.2	2.03 26.5		Time Over Subdivision Average Speed Per Hour				.02 9.9	1.00 24.2	2.01 26.9	2.82 39.2	2.46 27.1

Westward trains are superior to eastward trains of the same class.  
 A proceed indication displayed on eastward home signal at Wahpeton Jct. will confer superiority to eastward trains over westward trains regardless of class as follows: first class trains and passenger extras to end of double track Breckenridge, all other trains to west yard lead switch Breckenridge.

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 11 THROUGH 13.



**WESTWARD**

**FIFTH SUBDIVISION**

**EASTWARD**

Station Numbers	Car Capacity		SECOND CLASS <b>219</b> Daily Ex. Sunday	Distance from Barthold	Time Table No. 72 Effective February 26, 1952	STATIONS	Telegraph Calls	Distance from Crosby	SIGNS	SECOND CLASS <b>220</b> Daily Ex. Sunday
	Sidings	Other Tracks								
549			L 4.35pm			.....CROSBY LINE JCT.....		88.77	PJX	A 6.50Am
VB 7	21		s 4.50	6.97		.....HARTLAND.....	HN	81.80	D	s 6.31
VB13	30	30	s 5.05	13.27		.....AURELIA.....	AU	75.50	D	s 6.06
VB21	35		s 5.20	20.54		.....COULEE.....	C	68.23	D	s 5.47
VB23	35		s 5.35	27.56		.....KENASTON.....	K	61.21	D	s 5.30
VB34	36	30	s 5.50	34.18		.....NIOBE.....	NB	54.59	RDY	s 5.10
				34.46		.....NORTHGATE LINE JCT.....		54.31	J	
VB41	32	39	s 6.05	40.90		.....COTEAU.....	CA	47.87	D	s 4.53
VB48	32		s 6.20	47.57		.....WOBURN.....	WB	41.20	D	s 4.38
VB55	32	30	s 6.40	55.10		.....LIGNITE.....	NG	33.67	DW	s 4.20
VB63	32		f 6.55	63.13		.....STAMPEDE.....		25.64		s 4.01
VB66	16		s 7.35	65.17		.....KINCAID.....	KC	23.60	DYX	s 3.55
VB69	32		s 7.47	68.63		.....LARSON.....	LN	20.14	D	s 3.30
VB72	16			71.33		.....STRANGE SIDING.....				
VB76	32		s 8.30	75.55		.....NOONAN.....	NX	13.23	DYX	s 3.12
VB81	32		f 8.40	81.21		.....PAULSON.....		7.56		f 2.47
VB84	10		f 8.47	84.47		.....JUNO.....		4.80		f 2.40
VB89	33		A 9.00pm	88.77		.....CROSBY.....	CY		BRDYX	L 2.30Am
			4.25 20.1			Time Over Subdivision Average Speed Per Hour				4.20 20.5

Westward trains are superior to eastward trains of the same class.  
SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 11 THROUGH 18.

**WESTWARD**

**SIXTH SUBDIVISION**

**EASTWARD**

Station Numbers	Car Capacity		Distance from Northgate Line Jct.	Time Table No. 72 Effective February 26, 1952	STATIONS	Telegraph Calls	Distance from Boundary Line	SIGNS
	Sidings	Other Tracks						
VE 8	20		6.86		.....NORTHGATE LINE JCT.....		21.48	YJ
VE15	24		8.01		.....M. St. P. & S. M. Ry. Crossing.....		14.60	I
VE21	104		14.77		.....BOWBELLS.....	BE	13.45	D
			21.01		.....PERELLA.....		6.69	
			21.46		.....NORTHGATE.....	NO	0.45	RDYX
					.....BOUNDARY LINE.....			J
					Time Over Subdivision Average Speed Per Hour			

Westward trains are superior to eastward trains of the same class.  
SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 11 THROUGH 18.

10 WESTWARD			SEVENTH SUBDIVISION										EASTWARD			
THIRD CLASS			Station Numbers	Car Capacity		SECOND CLASS		Distance from Casselton	Time Table No. 72 Effective February 26, 1952			Telegraph Calls	Distance from Vance	SIGNS	SECOND CLASS	
401	403	449		Sidings	Other Tracks	(200) 175	197		STATIONS						(200) 176	198
Daily	Daily	Daily			Daily Ex. Sunday	Daily Ex. Sunday							Daily Ex. Sunday	Daily Ex. Sunday		
L 10.10Pm	L 4.03Pm	L 8.57Am	R69			L 5.31Pm	L 8.11Am	2.91	CASSELTON JCT. 2.91				8.74	PXYJ	A 8.40Am	A 8.45Pm
			R68			\$ 5.43	\$ 8.25	6.62	NOWES. 3.71				5.88			
A 10.39Pm	A 4.32Pm	A 9.26Am	ES28	69		A 5.50Pm	A 8.40Am	8.74	AMENIA. 2.12			MY	2.12	DP	\$ 8.25	\$ 8.33
									VANCE. 2.12					RPYJ	L 8.15Am	L 8.25Pm
<sup>29</sup> 18.0	<sup>29</sup> 18.0	<sup>29</sup> 18.0				<sup>19</sup> 29.6	<sup>29</sup> 18.0		Time Over Subdivision Average Speed Per Hour						<sup>25</sup> 20.9	<sup>20</sup> 26.2

Westward trains are superior to eastward trains of the same class.

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 11 THROUGH 18.

WESTWARD			EIGHTH SUBDIVISION										EASTWARD		
Station Numbers	Car Capacity		SECOND CLASS		Distance from Stanley Lake Jct.	Time Table No. 72 Effective February 26, 1952			Telegraph Calls	Distance from Grenora	SIGNS	SECOND CLASS			
	Sidings	Other Tracks		177		STATIONS						178	Daily Ex. Mon.		
VD 8	23			L 7.35Pm		GRENORA LINE JCT. 6.41				86.88	PJ	A 6.45Am			
VD18	34			f 7.55	6.41	WASSAIC. 5.34				80.17		f 6.25			
VD20	33			\$ 8.10	11.75	LOSTWOOD. 6.30			WD	74.88	DP	\$ 6.10			
VD26	44			\$ 8.30	18.06	LUNDS VALLEY. 6.56			VA	68.58	P	\$ 5.50			
				\$ 8.55	24.61	POWER'S LAKE. 7.08			PW	61.97	DP	\$ 5.30			
VD38	26			\$ 9.15	31.69	BATTLEVIEW. 6.38			BV	54.89	DP	\$ 4.45			
VD40	34			\$ 9.35	38.07	McGREGOR. 6.31			GO	48.61	DP	\$ 4.20			
VD46	25			\$ 9.55	44.88	HAMLET. 5.99			HA	42.20	P	\$ 3.55			
VD52	42	59		\$10.30	50.87	WILDROSE. 6.88			WR	36.21	DP	\$ 3.30			
VD59	25			\$10.50	57.25	CORINTH. 7.09			CN	29.83	DP	\$ 2.55			
VD66	35			\$11.10	64.84	ALAMO. 5.50			AG	22.24	DP	\$ 2.35			
VD71	27			\$11.30	69.84	APPAM. 4.78			AK	16.74	DP	\$ 2.15			
VD76	35			\$11.45	74.69	ZAHL. 5.64			ZA	11.96	DP	\$ 1.55			
VD82	35			\$12.05Am	80.26	HANKS. 6.32			HK	6.32	DP	\$ 1.35			
VD88	105			A 12.30Am	86.88	GRENORA.			GR		RDP YXB	L 1.15Am			
				<sup>4.55</sup> 17.6		Time Over Subdivision Average Speed Per Hour						<sup>5.30</sup> 15.7			

Westward trains are superior to eastward trains of the same class.

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 11 THROUGH 18.

WESTWARD			NINTH SUBDIVISION										EASTWARD		
Station Numbers	Car Capacity				Distance from Chaffee Line Jct.	Time Table No. 72 Effective February 26, 1952			Telegraph Calls	Distance from Chaffee	SIGNS				
	Sidings	Other Tracks				STATIONS									
R45	22				7.0	CHAFFEE LINE JCT. 7.0				11.5	PJ				
R46	20				11.5	LYNCHBURG. 4.5				4.5					
						CHAFFEE.									
						Time Over Subdivision Average Speed Per Hour									

Westward trains are superior to eastward trains of the same class.

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 11 THROUGH 18.

ALL SUBDIVISIONS

1. INSTRUCTIONS GOVERNING THE OPERATION OF STREAMLINER TRAINS. CLEARING OF STREAMLINERS

The time of No. 1 and No. 11 must be cleared by other westward first class trains not less than 5 minutes before No. 1 and No. 11 are due to leave the last station where time is shown, and by other westward trains not less than 10 minutes before No. 1 and No. 11 are due to leave the last station where time is shown.

The time of No. 1 and No. 11 must be cleared by eastward first class trains, except No. 2 and No. 12, not less than 10 minutes at all stations, and by other eastward trains not less than 15 minutes.

The time of No. 2 and No. 12 must be cleared by other eastward first class trains not less than 5 minutes before No. 2 and No. 12 are due to leave the last station where time is shown, and by other eastward trains not less than 10 minutes before No. 2 and No. 12 are due to leave the last station where time is shown.

The time of No. 2 and No. 12 must be cleared by westward first class trains, except No. 1 and No. 11, not less than 10 minutes at all stations, and by other westward trains not less than 15 minutes.

Within yard limits, yard engines and light engine movements must clear the main track not less than 10 minutes before No. 1, No. 11, No. 2 and No. 12 are due to leave the last station where time is shown.

MAXIMUM PERMISSIBLE SPEED OF STREAMLINERS.

Streamliner trains will be so designated in column with schedule number.

Maximum permissible speed of Streamliner trains will be designated by distinctive reflectorized roadway signs set in an upward angle of 45 degrees as prescribed in Item 2(b)—SPEED RESTRICTIONS GENERAL—ALL SUBDIVISIONS.

2. SPEED RESTRICTIONS GENERAL.

ZONE TERRITORIES AND MAXIMUM PERMISSIBLE SPEED OF PASSENGER TRAINS, INCLUDING STREAMLINERS, OPERATING VIA ROUTES INDICATED BELOW:

Stations	Zone Territories		Maximum Speed MPH	
	Between Mile Posts		Westward	Eastward
Breckenridge				
Wahpeton	0.0 and	1.0	25	25
Wahpeton Jct.	1.0 "	0.3	45	45
	0.3 "	42.3	79	79
Moorhead Jct.				
Fargo Jct.	42.3 "	2.2	30	30
	2.2 "	63.5	79	79
Luverne	63.5 "	64.2	40	40
	64.2 "	225.5	79	79
Surrey	225.5 "	196.7	35	75
	196.7 "	200.2	79	79
CK Switch	200.2 "	200.4	35	50
	200.4 "	203.0	50	50
Minot	0.0 "	1.0	20	20
	1.0 "	4.2	60	60
W L Switch	4.2 "	5.3	35	35
Gassman Switch	5.3 "	13.9	60	60
Des Lacs	13.9 "	14.1	60	35
	14.1 "	26.0	79	79
Roach	26.0 "	44.0	65	65
Palermo	44.0 "	76.0	75	75
White Earth	76.0 "	98.9	79	79
Wheelock	98.9 "	99.0	65	35
	99.0 "	118.2	65	60
Williston	118.2 "	121.0	50	50

(a) Where Automatic Block and Interlocking Rules and Signal Indications require movement at RESTRICTED SPEED, such movement must be made prepared to stop short of train, obstruction, or switch not properly lined and on the lookout for broken rail or anything that may require the speed of a train to be reduced; but not exceeding 15 MPH or as much slower as neces-

sary; and where conditions require the movement must be controlled so stop can be made in time to avoid accident.

(b) Maximum permissible speed of passenger, freight and mixed trains, including Streamliners, will be designated by distinctive reflectorized roadway signs set in an upward angle of 45 degrees.

Except as directly affected by speed restrictions prescribed in Items 1 and 2—ALL SUBDIVISIONS—and other speed restrictions covered by Item 2 under individual Subdivisions, the 45 degree signs designate zone speed territories and the numerals thereon indicate in miles per hour the maximum permissible speed which will govern until the next zone sign is reached.

When the movement is from a higher to a lower speed zone, the zone sign is located approximately one mile from the point where the lower speed becomes effective. At the end of this one mile is located a reflectorized angular Restricting Sign, yellow background with black stripes, indicating the point where lower speed becomes effective. Lower speed to govern until entire train passes next zone sign.

When the movement is from a lower to a higher speed zone, the 45 degree sign is located at the point where speed may be increased.

When operating against the current of traffic in double track territory, trains must not exceed the maximum permissible speed prescribed by the 45 degree sign with the current of traffic. This does not modify Rule 93.

The 45 degree sign has two sets of figures. The numerals preceded with letter "P" apply to passenger trains, including Streamliners, and letter "F" to freight and Mixed trains.

(c) When passenger trains, including Streamliners, are handled by Diesel engines, Electric engines, passenger or freight steam engines, the train will not exceed the maximum speed authorized by Speed Limit Plate on engine, and will be governed by the 45 degree signs where a lower speed is prescribed.

When freight cars, except cars equipped with steel wheels, air signal and steam heat lines, are handled in passenger trains, including Streamliners, the train will not exceed maximum permissible speed for freight trains in the territory operated.

(d) Speed shown on Speed Limit Plate on engines must not be exceeded.

- (e) Steam engines backing up ..... 20 MPH
- Steam engines in forward motion running light or with caboose only ..... 35 MPH
- Diesel and Electric engines light or with caboose only ..... 50 MPH
- Trains handling steam derricks, pile drivers, ditchers, cranes, steam shovels, dozers, etc. on Main Lines, except on 6 degree curves or sharper, and on Branch Lines ..... 25 MPH
- Trains handling ore cars or air dump cars loaded with ore or gravel and scale test car, on Main Lines, except on 6 degree curves or sharper and on Branch Lines ..... 15 MPH
- Trains handling ore cars or air dump cars loaded with ore or gravel and scale test car, on Main Lines, except on 6 degree curves or sharper and on Branch Lines ..... 30 MPH
- Unless conditions require a further speed restriction, trains or engines moving against the current of traffic on double track through interlockings ..... 20 MPH
- Trains or engines moving on main routes actuating points of spring switches ..... 15 MPH
- Trains or engines moving in facing point direction at spring switches without facing point lock ..... 35 MPH
- Trains or engines through No. 20 turnouts at: ..... 25 MPH
- Wahpeton Junction Junction switch to Fourth Subdivision Moorhead Jct. Junction with Dakota Division. Vance West wye switch. Nolan West siding switch. Dundas East and west siding switch. New Rockford West yard lead. Simcoe East and west siding switch. Surrey M. D. Jct. All switches. Minot East end south yard lead, and east yard lead.
- C K Switch End of double track.
- W. L. Switch End of double track east end Gassman Bridge.

Gassman Switch .....End of double track west end Gassman Bridge.  
 Des Lacs .....End double track.  
 Stanley .....East and west switch westward siding.  
 Ross .....West switch Ross siding.  
 Wheelock .....End of double track.  
 Williston .....West yard lead.  
 Trains or engines through No. 15 turnouts at: ..... 25 MPH  
 Breckenridge .....End of double track.  
 Moorhead Jct. ....West siding switch.  
 Nolan .....Junction switch First to Fourth Sub-division.

Trains or engine through all other turnouts..... 15 MPH

(f) Open cars loaded with poles, piling, lumber, timber, pipe or other lading which might shift, shall be handled as far as possible in pole trains or local trains. Except at points where it is necessary to classify trains, such cars should be placed as close as possible to the head end of the train but shall not be placed immediately next to Diesel or Electric engines, or immediately next to caboose, occupied outfit or passenger cars. These commodities must not be placed in trains at such locations as will conflict with the rules governing the handling of explosives, inflammables or acids. In double track territory, engineers on trains containing such cars must at all times use extreme care to avoid slack running in or out when passing or being passed by other trains.

On single track, trains containing such cars must be at stop when on siding or adjacent track when meeting or being passed by other trains, except when there are more cars than siding will hold, it is permissible for such train to pull by other train at restricted speed.

**3. MOVEMENT OF ENGINES DEAD IN TRAINS.**

Class O and larger engines will be placed not to exceed 15 cars behind road engine. In electrified zone only class R engines will be handled on head end, all others near rear.

Class F-8 and smaller engines will be placed next ahead of caboose.

Diesel and Gas-Electric engines 2302-2341 must be handled on rear of train.

Not less than five cars will be placed between all engines.

Trains handling Great Northern steam engines dead in train with side rods on both sides will not exceed 40 MPH; and without side rods will not exceed 10 MPH.

Trains handling foreign line steam engines with side rods on both sides will not exceed speed designated by Superintendent; and without side rods will not exceed 10 MPH.

Engines that have any of the truck or driving wheels removed will not be moved in a train without authority of Superintendent.

Trains handling Electric, Diesel and Gas-Electric engines in tow dead in train will not exceed following speeds:

Engine Number	Maximum Speed
1 to 23, 75 to 170, 253 to 258, 262 to 264, 301 to 317, 400 to 458	50 MPH
175 to 227, 271 to 279, 550 to 564, 600 to 653	65 MPH
250, 251, 260, 261, 266 to 270, 280, 281, 350 to 365, 500 to 512	75 MPH
252, 259, 265, 300	45 MPH
2302 to 2324	50 MPH
2325 to 2341	60 MPH
5000 to 5008	45 MPH
5010 to 5019	55 MPH

**4. ELECTRIC BRAKES**

In event of failure of the electric straight air brake, or if electric brakes cannot be used on account of cars not equipped with electric air brakes being handled in the train, the automatic air brake will be used.

Between terminals if engineer finds electric brakes not operating properly he shall immediately change brake valve over to automatic air brake operation and open circuit breaker to electric brake circuits. After changing from electric straight air brake operation to automatic air brake operation the train will be handled with automatic air to the next terminal where standing terminal air brake test can be made by carmen. Terminal brake

test should then be made with electric straight air and with automatic air and train may be handled with electric straight air if the brakes function properly during terminal test.

- Before leaving any engine terminal enginemen will make proper tests and inspections of water glasses, gauge cocks, water column and injectors, and will not leave the terminal unless all these are in proper working order.

Should enginemen on steam engines find that the water is not in sight in water glasses, and if water cannot be raised to bottom gauge cock or water glass by opening throttle, on oil burning engines the fire must be extinguished immediately and on coal burning engines the fire must be knocked out or smothered to the extent there will be no damage done to the crown sheet.

If water can be raised to the bottom gauge cock or water glass the water level should be built up by use of the pump, or injector, or both.

Should the low water alarm whistle blow, on any engine so equipped, enginemen will immediately ascertain where the water level is in the boiler by blowing out water glasses and water column, and being sure that water glass mounting valves are open and if water cannot be raised to the bottom gauge cock or water glass by opening throttle, enginemen will be governed by instructions in the preceding paragraph.

- Under Rule 24, engine number only will be displayed in indicators on engines so equipped. This will also apply when our engines are operating over Northern Pacific tracks. Between Klamath Falls and Chemult, Southern Pacific Rules will govern.
- When two or more Diesel or Electric engine units are coupled together the numerals and suffix letter, where provided, of the leading unit will be illuminated at all times when in service. The numerals and suffix letter of trailing units must not be illuminated. The numerals and suffix letter of the leading unit only will be used in train orders as prescribed by Consolidated Code Rule 206.
- Gas-Electric engines must not be fueled while occupied by passengers or coupled to cars occupied by passengers.
- Air hose on Diesel and Electric engines must be hooked up in hose fastener when not in use.

**10. EMPLOYES WILL BE GOVERNED AS FOLLOWS ON ENGINES, PASSENGER AND FREIGHT CARS EQUIPPED WITH ROLLER BEARINGS:**

Roller bearing failures on cars or engines equipped with roller bearing journal boxes may be due to lack of oil or grease. The box is not blazing, the oil plug in the cover should be removed and engine or valve oil added. Oil must never be added to a box that is blazing. Grease lubricated roller bearing boxes have grease plugs locked with metal strap which must be cut off with chisel before plug can be removed. After the oil has been added and plug replaced, the train should proceed at reduced speed and care exercised until it is apparent that the box will run cool. If fire develops in roller bearing box on any equipment, it must be closely watched, train moved slowly, and Superintendent notified from first available point of communication, who will prescribe for the movement.

Some engines and cars equipped with roller bearings have heat indicators or stench bombs inserted in the housing of boxes which release a strong pungent odor in the event of excessive journal box temperatures. When this odor is detected, train must be stopped at once and box located. Compare the temperature of this box with the other boxes on the same engine or car, check the oil level, and if there is no evidence of overheating, train may proceed, but if the box is overheating proceed only as instructed in the preceding paragraph.

Ore cars and covered hopper cars equipped with roller bearings have the lettering "TIMKEN ROLLER BEARINGS" stencilled beneath the lettering "GREAT NORTHERN" on each side of the car.

Cars and engines equipped with roller bearings must not be allowed to stand alone, even on level track, without brakes being adequately applied.

**11. COOLING AND STEAM BOILER WATERING FACILITIES FOR DIESEL ENGINES ARE PROVIDED AT THE FOLLOWING INTERMEDIATE STATIONS:**

**FIRST SUBDIVISION**

NOLAN.....Both—Hose in treating plant.  
HANNAFORD.....Both—Hose in Depot.

**SECOND SUBDIVISION**

AYLMER.....Both—Hose in power house.

**THIRD SUBDIVISION**

STANLEY.....Both—West Standpipe, hose in depot.

12. Trains 1, 2, 3, 4, 7, 8, 11, 12, 19, 20, 23 and 24 carry 100 ft. of steam hose in two 50 ft. lengths equipped with standard Vapor and engine steam dome connections for emergency use in event of steam failure on train engine and non-steam train line engine furnished to handle train. In case of steam line failure on a car, connect both hoses together to run around such car so can be taken to first terminal, using combination standard Vapor and steam dome connections attached to reel. Car must be drained before proceeding.
13. Under Rule 2, watches that have been examined and certified to by a designated inspector must be used by train dispatchers and yardmen.
14. Brakemen with less than one year of experience should not be used as flagmen except in emergency, and then Superintendent will be notified by wire.
15. When operating snow machines in non-block signal territory no train should be permitted to follow closer than a station apart, when that cannot be done they will be blocked not less than thirty minutes apart.
16. After severe blizzard or dirt storm, employes on first train over road must exercise care to avoid accident caused by striking drift without first having drifts faced with hand shovels, cutting in far enough to get beyond the hard snow and giving a perpendicular wall to strike against instead of slope or wedge-like shape. When operating snow dozer, conductor in charge will ride in the dozer. On snow and dirt dozers every precaution must be taken to see that cage, flangers and wings clear all obstacles when in service and are properly secured when in through trains, and dozers properly turned. Hand screws must be tightened to raise flanger on dozers as high as possible before making a back-up movement, and must not be released until the dozing work is actually to start. Hand screws holding the cage on dozers must be tightened or chains otherwise fastened except when dozer has air in cylinders and is attended by an employe.
17. Loaded dump cars should not be handled on double track after dark, but if necessary to do so, close watch must be kept by trainmen and if a car dumps its load, train must be stopped and protection afforded on the opposite track.
18. Unless otherwise provided, when passenger trains are operated against current of traffic on double track or through sidings, conductors shall notify Railway Postal Clerks, trains shall stop at points where U. S. Mail is usually picked up and conductors are responsible for delivery of mail to Postal car.
19. Conductors will report by wire all flat spots on wheels of passenger cars. Any cars having flat spots on wheels of more than two and one-half inches long must be set out.
20. Due to limited overhead clearance at tunnels and structures, employes are warned to keep off top of cars of extreme height and width when handled in trains and yards, also such standing cars in electrified zone, except in emergency. In absence of previous advice on such cars, wire proper officer for instructions.
21. The Railway Company is responsible for proper handling of perishable freight on road and at points where Western Fruit Express Company do not maintain representatives. Conductors on trains handling perishable freight will ascertain from way-bills class of service required and light or extinguish heaters and manipulate vents in accordance with current instructions provided for handling perishable freight issued by the National Perishable Freight Committee.

22. Placarded loaded tank cars handled in through freight trains shall not be nearer than 6th car from engine, occupied caboose or passenger car.

Cars placarded "Explosives", "Inflammable", "Corrosive Liquids", or "Poison Gas" handled in through freight trains, local and mixed trains, shall not be nearer than 16th car from engine, occupied caboose or passenger car.

When length of train will not permit handling of cars as prescribed above—ANY PLACARDED CAR, loaded with above commodities— shall be placed near middle of train, but not nearer than 2nd car from engine, occupied caboose or passenger car.

When switching such cars in terminal yards they must be separated from engine by at least one non-placarded car.

When placarded cars described above are handled in freight trains made up in "blocks" or classifications, placarded car or cars shall be placed near middle of the "block" or classification, but not nearer than 6th car from engine, occupied caboose or passenger car.

When such placarded cars are placed in trains they must not be placed next to each other, next to refrigerators equipped with gas-burning heaters, stoves or lanterns, or next to loaded flat cars, or gondola cars containing lading higher than ends of car that is liable to shift.

Carload express shipments of explosives, sealed and placarded, may be handled on passenger trains; LCL shipments may be made in so-called peddler car with messenger in charge when such car is assigned to the handling of express and baggage exclusively.

Terminal or pick-up points enroute must furnish conductor and engineer Form 250 showing consecutively location in train of all cars placarded "Explosives". At points other than terminals where crews change, notice will be transferred from crew to crew.

Employes will be guided by further instructions governing handling of loaded tank cars, Explosives, Inflammable, Corrosive Liquids, and Poison Gas found in I. C. C. Regulations and Consolidated Code Rules 726(C) and 808.

23. The normal position of a spring switch with facing point lock is identified by a color light type signal displaying a "lunar white" light for train or engine movements in a trailing point direction and for movements in facing point direction when conditions require.

The normal position of a spring switch without facing point lock is identified by a triangular yellow target on switch stand with letter "S" in black, and "lunar white" light in switch lamp in place of green light displayed in both directions through or over the switch.

Trains departing from stations, either from siding or main track in trailing point movement actuating points of spring switches, a member of crew must observe indication of governing signal in opposite direction after rear end of train has passed through switch to ascertain if switch points return to normal position. If this signal indicates Stop and no immediate train movement or other cause is evident report the fact to Superintendent from first available point of communication.

During and immediately following snow storms or violent wind storms, spring switches must be operated by hand and relined to normal position before heading out through switch in trailing point movement, actuating switch points, to insure switch is in proper operating condition.

**INDICATORS AT SPRING SWITCHES.**

A Switch Indicator, consisting of a single yellow light unit (normally dark) and a switch-key-controller mounted on an iron mast located at clearance point of a siding, must be operated by a member of the crew who, together with engineer, must observe and be governed by its indication before fouling main track or making movement from siding to main track through a spring switch in automatic signal territory, unless the movement is made immediately after an opposing train has passed the switch, and Automatic Signal at leaving end of siding indicates "Proceed".

If Indicator displays a yellow light when switch-key-controller is operated, train or engine movement to main track may be made immediately in accordance with train rights and operating rules. Display of yellow light must continue until leading wheels have passed clearance point.

If Indicator does not display a yellow light when switch-key-controller is operated train or engine movement to main track may be made in accordance with train rights and operating rules, after operating spring switch by hand; waiting three minutes and taking every precaution to provide proper protection.

To operate Switch Indicators, insert switch key in controller and turn clockwise toward "R", hold a few seconds, and remove key. If the yellow light is displayed and intended movement is not made, insert switch key in controller and turn counter-clockwise toward "N" to restore signal system to normal condition to avoid delay to trains on main track.

Switch-key-controller must never be operated toward "N" after having been operated toward "R" if intended movement to main track is to be made.

24. Facing point locks on hand operated switches are indicated by a six inch yellow stripe painted on target staff. Be positive locking device is restored to normal position after using. A running switch must not be made through this type switch.

25. **DRAGGING EQUIPMENT DETECTOR INDICATOR** consists of a single white light unit (normally dark) with circular background mounted on signal or other mast. When white light is displayed, train must be stopped and inspected for dragging equipment. Notify Superintendent from first available point of communication.

26. Rule 204 (A) prescribes that copies of train orders will be furnished the rear trainman, such orders will only be furnished on trains designated:

Nos. 1, 2, 3, 4, 7, 8, 9, 10, 27, 28, 29, 30, and sections thereof; also, extra passenger train whether operated as a section of regular train or as a passenger extra.

27. **OSCILLATING EMERGENCY RED HEADLIGHT** will be immediately displayed by day or night when a train is disabled or stopped suddenly by an emergency application of air brakes or when engineer and conductor find it necessary to stop train due to some defect which might cause accident, over-running clearance point at meeting and waiting points, end of double track or junction.

Engineer of an approaching train observing display of emergency red headlight must stop before passing and be governed by conditions existing. If operating on adjacent track, ascertain and if safe for passage, then proceed at restricted speed until train is passed.

**OSCILLATING EMERGENCY RED REAR END LIGHT** is of two types—Automatic Control—Portable Manual Control—and except as otherwise provided, must be displayed by day or night each time train stops or is running at speed less than 18 MPH. Automatic Control type automatically functions in this manner. However, when train running at speed above 18 MPH and moving under circumstances in which it might be overtaken by another train or engine and during foggy and stormy weather, light may be operated manually with emergency switch and employes to afford other protection prescribed by rule.

**THE USE OF EMERGENCY RED HEADLIGHT AND REAR END LIGHT DOES NOT IN ANY WAY RELIEVE ENGINEMEN AND TRAINMEN FROM RESPONSIBILITY OF COMPLYING WITH RULES 99 AND 102.**

Emergency red rear end light must be extinguished: when standing at origin and terminus stations of train run; when switching being performed from rear; when on siding to be passed by another train; and, when another train operating on adjacent track is approaching from rear, but not until it is known such train is not on same track.

Portable light must be removed before coupling to rear of such car.

Oscillating white light on engines will be displayed in addition to standard headlight governed by Rules 17 and 17(B). In case of headlight failure it can be used as emergency headlight

or as a focus light by push button control if desired.

Enginemen and trainmen on trains and engines equipped with oscillating emergency red lights must familiarize themselves with the operation of the lights.

28. Rule D-97 is in effect on this division.

## FIRST SUBDIVISION

(Main Line)

1. **MAXIMUM PERMISSIBLE SPEED FOR TRAINS.**

Between	Passenger	Freight
Breckenridge and New Rockford .....	79 MPH	50 MPH

2. **SPEED RESTRICTIONS.**

CMStP&P. RR. Crossing 1.85 miles east of Lurgan .....	60 MPH	35 MPH
Between Home Signals of Interlockings at: Nolan, for movements from Fourth to First Subdivision, and between Fourth Subdivision and Dakota Division, (Page)	20 MPH	

New Rockford, eastward. Hannaford, No. 1 passing depot .....	40 MPH	
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3. **ENGINE RESTRICTIONS ON INDUSTRY TRACKS.**

Engines heavier than O-6 not permitted on any industry tracks except Lurgan, Kent, Wolverton, Comstock, Rustad, Finkle, Hannaford, Revere, Glenfield, Grace City, Brantford and Dundas.

4. **TRAIN REGISTER EXCEPTIONS.**

Register of regular trains at Breckenridge will cover their arrival at Wahpeton Jct.

Nos. 1 and 2 will register by ticket at New Rockford and Breckenridge.

Moorhead, register is for Dakota Division Tenth Subdivision trains only which will register by ticket at depot.

Fargo-Fargo Jct., first and second class trains and passenger extras register and receive clearance at passenger station, other trains at yard office.

First class trains and passenger extras register by ticket at Fargo Jct.

Vance, register only for Nos. 209, 200, 341.

5. **CLEARANCE PROVISIONS AND EXCEPTIONS RULE 83(B).**

(a) At Wahpeton Jct., trains for which this point is initial station may proceed on authority of clearance under which such trains arrive.

(b) At Fargo Jct., when train order signal indicates proceed, Dakota Division Eastward trains may proceed without clearance.

(c) At Fargo, clearance issued and signed by the Superintendent will confer the same authority to a first class train as though received at its initial station.

(d) At Vance, trains for which this point is initial station may proceed on authority of clearance under which such trains arrive, except clearance under which Nos. 209 and 175 arrive will clear Nos. 176 and 200 respectively at that point.

6. At Moorhead, Dakota Division trains use siding to and from Tenth Subdivision.

7. **SPEED TEST BOARDS.**

Engineers shall test speed of their trains passing following points as compared with speed table:

Westward trains, between MP 82 and MP 83, approximately 2 miles west of Revere.

Eastward trains, between MP 117 and MP 116, approximately 2 miles east of Dundas.

8. **SPRING SWITCHES WITH FACING POINT LOCK.**

Breckenridge, lead switch 200 feet east of yard office.

Normal position is for westward main track.  
end of double track.

Normal position is for eastward main track.

Vance, west wye switch.

Normal position is for First Subdivision.

Dundas, east and west siding switch.

Normal position is for main track.

9. **DRAGGING EQUIPMENT DETECTOR INDICATOR.**  
Westward trains, at signal 317.1 approximately 3 miles west of Luverne.

10. **MANUAL INTERLOCKINGS.**

Breckenridge ..... N. P. Ry. crossing  
Moorhead Jct. .... N. P. Ry. crossing  
Nolan.....Junction with Fourth Subdivision and Dakota Division  
Hannaford .....N. P. Ry. crossing

Hannaford, the dwarf signal and derail on the siding are interlocked, but only against the Northern Pacific Ry. crossing and in no way governs the position of east switch for movement into or out of siding which must be handled in accordance with Rule 514(A). Instructions for operating electric lock posted in lock box. Rule 670 does not apply for such movements.

Whistle signal for routes:

Moorhead Jct., Dakota First Subdivision.....1 long.  
Minot Division .....1 long, 1 short.  
Minot Division siding .....3 long, 1 short.  
Casselton Line east .....1 long.  
Nolan, Surrey Line east .....2 long, 1 short.  
Surrey Line west .....1 long, 1 short.  
Dakota Division west .....3 long, 1 short.  
Siding .....2 short, 1 long.

11. **MANUAL INTERLOCKING WITH DUAL CONTROL SWITCHES.**

Wahpeton Junction.....Junction with Fourth Subdivision.  
Moorhead Junction .....east siding switch.  
Fargo .....Junction of Dakota-Surrey main tracks  
and Eighth Street Crossovers.  
Nolan .....west siding switch.

Wahpeton Jct., interlocking operates automatically for all movements, except to and from Fourth Subdivision which requires manual control operation by operator at Breckenridge. When train is stopped by Stop-indication and no immediate conflicting train movement is evident, trainman shall proceed to telephone and communicate with the operator at Breckenridge, and be governed by his instructions. Instructions for operating interlocking are posted at the switch. In case of failure of means of communication, train movement must be made in accordance with train rights and operating rules.

Fargo, interlocking electrically controlled by operator in depot. The "home signal limits" (Rule 605) of this interlocking extend from the westward home signal at the junction of the Dakota and Surrey main tracks, east of the depot, to the eastward home signals just west of the Eighth Street crossovers, and include hand operated switches which enter the main tracks within these limits. These hand operated switches are equipped with electric switch locks under control of the Operator.

Trains and engines, receiving a proceed indication of the home signal governing entrance to the "Home Signal Limits" may proceed, regardless of class, in accordance with Rule 605.

12. Fargo ..... First class trains and passenger extras to and from Dakota Division will use Dakota main track from Fargo Junction to home signal limits just west of 8th Street crossovers and Minot Division first class trains and passenger extras will use Fargo-Surrey main track from Fargo Junction to home signals just west of 8th Street crossovers unless otherwise directed by a train order.

13. **AUTOMATIC INTERLOCKINGS.**

Breckenridge .....end of double track  
Lurgan, 1.85 miles east of .....CMStP&P. RR. crossing  
Vance .....Junction with Seventh Subdivision  
New Rockford .....N. P. Ry. crossing

Breckenridge interlocking operates automatically for all movements, except for eastward trains from single track to westward track, which requires hand operation of spring switch.

Westward trains on westward track have preference over westward trains on eastward track. When a westward train on eastward track is to move through interlocking while a westward train on westward track is standing at westward home signal, trainmen shall operate switch-key-controller.

14. **SEMI-AUTOMATIC INTERLOCKINGS.**

Wahpeton ..... CMStP&P. RR. crossing  
Wahpeton, if a train is stopped by a stop-indication and no immediate conflicting train movement is evident, and both smash boards are in reverse position, trainmen may signal train to proceed over the crossing after making certain that gates are set against conflicting route. If smash boards are not in reverse position, trainmen shall operate them by hand with crank attached to mechanism. When necessary to make a reverse movement after passing through the home signal zone, but not far enough to clear approach control section, trainmen will operate push button at home signal to obtain route desired.

**SECOND SUBDIVISION**

(Main Line)

1. **MAXIMUM PERMISSIBLE SPEED FOR TRAINS.**

Between	Passenger	Freight
New Rockford and Minot .....	79 MPH	50 MPH

2. **SPEED RESTRICTIONS.**

Minot, all trains over footwalk just east of depot..... 10 MPH

3. **ENGINE RESTRICTIONS ON INDUSTRY TRACKS.**

Engines heavier than O-6 not permitted on any industry tracks, except Clifton, Norfolk, Rangeley, north and south stock yard tracks and Swift's spur New Rockford.

4. **TRAIN REGISTER EXCEPTIONS.**

Surrey, all trains register by ticket.  
Minot, first and second class trains and passenger extras register at passenger station, other trains at yard office.  
Register of regular trains at Minot will cover their arrival at Surrey.

5. **RESTRICTED CLEARANCES.**

Minot stock yards, account elevated tracks north of bulkheads, employes must not get off on the south side from cars or engines while in motion to avoid possibility of slipping under. S-1, Q-1, R-1 engines will not clear bulkheads.

6. Minot, before eastward freight trains or engines leave the yard at east end south lead spring switch a member of the crew shall operate push button "R" located in telephone booth. After operating push button "R" the semaphore type indicator marked "Signal" will indicate proceed when main track is clear and C. K. switch is lined for movement to eastward main track.

7. **SPEED TEST BOARDS.**

Engineers shall test speed of their trains passing following points as compared with speed table:  
Westward trains, between MP 146 and MP 147, approximately 4 miles west of Hamberg.  
Eastward trains, between MP 221 and MP 220, approximately 4 miles east of Surrey.

8. **SPRING SWITCHES WITH FACING POINT LOCK.**

Simcoe, east and west siding switch.  
Normal position is for main track.  
Minot, east end yard south lead.  
Normal position is for main track.

9. **MANUAL INTERLOCKINGS WITH DUAL CONTROL SWITCHES.**

New Rockford .....west lead switch  
Surrey—M.D. Jct., .....Junction with Dakota Division  
Whistle signal for routes, Surrey:  
Second Subdivision .....1 long, 1 short  
Dakota Division .....2 long, 1 short

10. **AUTOMATIC INTERLOCKINGS.**

Norfolk ..... MStP&SSM. RR. crossing  
C. K. Switch ..... end of double track  
C. K. Switch, interlocking operates automatically for all movements, except entrance to yard which requires push button operation from Surrey. In case of failure to obtain route desired, trainmen will be governed by instructions posted in push button box.

### THIRD SUBDIVISION (Main Line)

#### 1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.

Between	Passenger	Freight
Minot and Williston .....	79 MPH	50 MPH

#### 2. SPEED RESTRICTIONS.

Between Wheelock and Williston, on eastward track:		
Passenger .....	55 MPH	
Freight .....	40 MPH	
Between Home Signals of Interlocking at Minot .....		
Stanley, No. 1 and No. 2 passing depot .....	20 MPH	
	30 MPH	

#### 3. ENGINE RESTRICTIONS ON INDUSTRY TRACKS.

R-1 engines not permitted on any industry tracks, except industry track Stanley and branch tracks Nos. 1 and 2 and house track at Berthold, Avoca, O-4 largest engine permitted on coal mine track and no engine permitted on sharp curve. If necessary to set out or pick up cars beyond sharp curve hold on to enough cars as reachers.

#### 4. TRAIN REGISTER EXCEPTIONS.

Minot, first and second class trains and passenger extras register at passenger station, other trains at yard office.  
Des Lacs, Wheelock, all trains register by ticket.  
Berthold, Register only for Fifth Subdivision trains.  
Stanley, Register only for Eighth Subdivision trains.  
Register of regular trains at Williston will cover their arrival at Wheelock.  
Register of regular trains at Minot will cover their arrival at Des Lacs.

#### 5. CLEARANCE PROVISIONS AND EXCEPTIONS RULE 83(B).

At Crosby Line Jct., Grenora Line Jct., trains for which these points are initial stations may proceed on authority of clearance under which such trains arrive, except clearance under which Nos. 180 and 178 arrive will clear Nos. 177 and 179 respectively at Grenora Line Jct.

#### 6. RESTRICTED CLEARANCES.

Williston, S-1, Q-1, R-1 engines will not clear bulkhead at stock yards.

#### 7. Double track extends from crossover just west of MStP&SSM. RR. crossing Minot to Des Lacs, except over Gassman Bridge which is governed by interlocking signals.

#### 8. Minot, between Mouse River Bridge and MStP&SSM. RR., interlocking automatic block signals of the color light type on the freight lead govern the movement of trains, light engines and yard engines by signal indication.

#### 9. Long siding south of main track extending between Ross and west switch of eastward siding Stanley is known as "Ross Siding". Westward trains must not use this track unless authorized by train order. Normal position of east switch Ross siding is for eastward siding at Stanley. All trains using this track will display markers as though running against current of traffic on double track.

#### 10. Account no water at Northgate, trains destined that point must take full tank of water at Des Lacs.

#### 11. SPEED TEST BOARDS.

Engineers shall test speed of their trains passing following points as compared with speed table:  
Westward trains, between MP 19 and MP 20, approximately 1 mile west of Lone Tree.  
Eastward trains, between MP 90.5 and MP 91.5, approximately 3 miles east of Ray.

#### 12. CROSSOVERS ON DOUBLE TRACK.

Trailing Point  
Ralston, Epping, Spring Brook.

#### 13. SPRING SWITCHES WITH FACING POINT LOCK.

Stanley, east switch eastward siding.  
West switch westward siding.

Tioga, east siding switch.

Normal position is for main track.

#### 14. DRAGGING EQUIPMENT DETECTOR INDICATOR.

Eastward trains, at signal 6.8 approximately three miles east of Ralston.

#### 15. MANUAL INTERLOCKINGS.

Minot .....

MStP&SSM. RR. crossing  
Wheelock .....

#### 16. MANUAL INTERLOCKINGS WITH DUAL CONTROL SWITCHES.

Des Lacs .....

end of double track  
Berthold .....

east switch eastward siding  
east switch westward siding  
Stanley .....

east switch westward siding  
Ross .....

west switch Ross siding  
Ross, west switch electrically controlled by operator at Stanley.

#### 17. SEMI-AUTOMATIC INTERLOCKINGS.

Gassman Bridge..... W. L. Switch—Gassman Switch end of double track and single track over bridge

The Home Signal Limits, Rule 605, of this interlocking include all trackage between westward home signal at "W. L. Switch" and eastward home signal at "Gassman Switch".

Both the switch at "W.L. Switch" and the switch at "Gassman Switch" are electrically controlled and operate automatically for all train movements with the current of traffic. Routes for movements against the current of traffic are controlled by the train dispatcher at Minot.

The train on any approach control section first receiving a "Proceed" indication of the governing home signal will proceed, regardless of class, in accordance with Rule 605.

When a train is stopped by the Stop indication and no immediate conflicting train movement is evident, trainman shall proceed to the telephone and communicate with the train dispatcher who will advise if train is being held for any purpose. If no instructions are received, or in case of failure of means of communication, train movement through the Home Signal Limits of the interlocking shall be made in accordance with instructions posted at the release push buttons in the telephone booths.

### FOURTH SUBDIVISION

(Casselton Line)

#### 1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.

Between	Passenger	Freight
Wahpeton Jct. and Nolan .....	40 MPH	30 MPH

#### 2. SPEED RESTRICTIONS.

Between Home Signals of Interlockings at: .....

20 MPH

Wahpeton Jct. eastward  
Davenport  
Casselton Tower  
Nolan westward

#### 3. ENGINE RESTRICTIONS ON INDUSTRY TRACKS.

Engines heavier than O-6 not permitted on any industry tracks, except Dwight, Galchutt, Colfax, Walcott, Kindred, and Addison and interchange track with the Northern Pacific at Casselton.

#### 4. TRAIN REGISTER EXCEPTIONS.

Register of regular trains at Breckenridge will cover their arrival at Wahpeton Jct.  
Casselton Tower, second class trains register by ticket.  
Nolan, all trains register by ticket.

#### 5. CLEARANCE PROVISIONS AND EXCEPTIONS RULE 83(B).

At Wahpeton Jct., Casselton Jct., and Chaffee Line Jct., trains for which these points are initial stations may proceed on authority of clearance under which such trains arrive.

#### 6. MANUAL INTERLOCKINGS.

Davenport .....

N. P. Ry. crossing  
Casselton Tower .....

N. P. Ry. crossing  
Nolan .....

Junction with First Subdivision



Whistle signals for routes,

Davenport and Casselton Tower:

Main track .....	1 long.
siding .....	1 long, 1 short
Elevator track Davenport .....	2 long, 1 short

Nolan:

Casselton Line east .....	1 long.
Surrey Line east .....	2 long, 1 short
Surrey Line west .....	1 long, 1 short
Dakota Division west .....	3 long, 1 short
siding .....	2 short, 1 long

**7. MANUAL INTERLOCKINGS WITH DUAL CONTROL SWITCHES.**

Wahpeton Jct. .... Junction with First Subdivision  
 Casselton Jct. .... Junction with Seventh Subdivision  
 Wahpeton Jct., interlocking operates automatically for all movements, except to and from Fourth Subdivision which requires manual control operation by operator at Breckenridge. When train is stopped by Stop-indication and no immediate conflicting train movement is evident, trainman shall proceed to telephone and communicate with the operator at Breckenridge, and be governed by his instructions. Instructions for operating interlocking are posted in crank box. In case of failure of means of communication, train movement must be made in accordance with train rights and operating rules.

Casselton Jct., switch is electrically controlled by operator at Casselton Tower.

**FIFTH SUBDIVISION**

(Crosby Line)

**1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.**

Between	Passenger	Freight
Crosby Line Jct. and Crosby .....	35 MPH	80 MPH

**2. SPEED RESTRICTIONS.**

O-1 engines .....	25 MPH
Noonan, coal mine tracks .....	5 MPH

**3. ENGINE RESTRICTIONS.**

Engines heavier than O-1 prohibited, except all classes of engines permitted to use main track Crosby Line Jct. to point one mile west.

**4. ENGINE RESTRICTIONS ON INDUSTRY TRACKS.**

O-1 engines when operating on any industry tracks, except Hartland, Aurelia, Coulee, Kenaston, and Niobe, must move with extreme caution; such engines not permitted on mine tracks or wye track at Kincaid.

**5. CLEARANCE PROVISIONS AND EXCEPTIONS RULE 83(B).**

At Crosby Line Jct., Northgate Line Jct., trains for which these points are initial stations may proceed on authority of clearance under which such trains arrive.

**SIXTH SUBDIVISION**

(Northgate Line)

**1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.**

Between	Passenger	Freight
Northgate Line Jct. and Northgate .....	35 MPH	20 MPH

**2. SPEED RESTRICTIONS.**

Between Home Signals of Interlocking at Bowbells.....	20 MPH
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**3. ENGINE RESTRICTIONS.**

Engines heavier than O-1 prohibited.

**4. CLEARANCE PROVISIONS AND EXCEPTIONS RULE 83(B).**

Northgate Line Jct., trains for which this point is initial station may proceed on authority of clearance under which such train arrives.

**5. Account no water at Northgate, trains destined that point must take full tank of water at Des Lacs.**

6. Northgate, when using Canadian National Railway tracks, train and engine men will be governed by their time table and rules.

7. Northgate, track between stop board, 200 feet north of west switch and International Border will be used as interchange.

**8. AUTOMATIC INTERLOCKINGS.**

Bowbells, 1.15 miles east of .....MSTP&SSM. RR. crossing

**SEVENTH SUBDIVISION**

(Amenia Line)

**1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.**

Between	Passenger	Freight
Casselton Jct. and Vance .....	40 MPH	80 MPH

**2. CLEARANCE PROVISIONS AND EXCEPTIONS RULE 83(B).**

(a) At Vance, trains for which this point is initial station may proceed on authority of clearance under which such trains arrive, except clearance under which Nos. 209 and 175 arrive will clear Nos. 176 and 200 respectively at that point.

(b) At Casselton Jct., trains for which this point is initial station may proceed on authority of clearance under which such trains arrive.

**3. SPRING SWITCHES WITH FACING POINT LOCK.**

Vance, west wye switch.  
 Normal position is for First Subdivision.

**4. AUTOMATIC INTERLOCKINGS.**

Vance ..... Junction with First Subdivision

**EIGHTH SUBDIVISION**

(Grenora Line)

**1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.**

Between	Passenger	Freight
Grenora Line Jct. & Powers Lake.....	35 MPH	30 MPH
Powers Lake and Wildrose—steam .....	25 MPH	20 MPH
Powers Lake and Wildrose—Diesel .....	30 MPH	20 MPH
Wildrose and Grenora .....	35 MPH	30 MPH

**2. ENGINE RESTRICTIONS.**

Engines heavier than H-4 and 1500 H.P. Diesel prohibited.

**3. CLEARANCE PROVISIONS AND EXCEPTIONS RULE 83(B).**

At Grenora Line Jct., trains for which this point is initial station may proceed on authority of clearance under which such trains arrive, except clearance under which Nos. 180 and 178 arrive will clear Nos. 177 and 179 respectively at that point.

**NINTH SUBDIVISION**

(Chaffee Line)

**1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.**

Between	
Chaffee Line Jct. and Chaffee, all trains .....	12 MPH

**2. SPEED RESTRICTIONS.**

Steam engines backing up .....	10 MPH
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**3. ENGINE RESTRICTIONS.**

Engines heavier than G-8 prohibited.

**4. CLEARANCE PROVISIONS AND EXCEPTIONS RULE 83(B).**

At Chaffee Line Jct., trains for which this point is initial station may proceed on authority of clearance under which such trains arrive.

**SPEED TABLE**

**WATCH INSPECTORS**

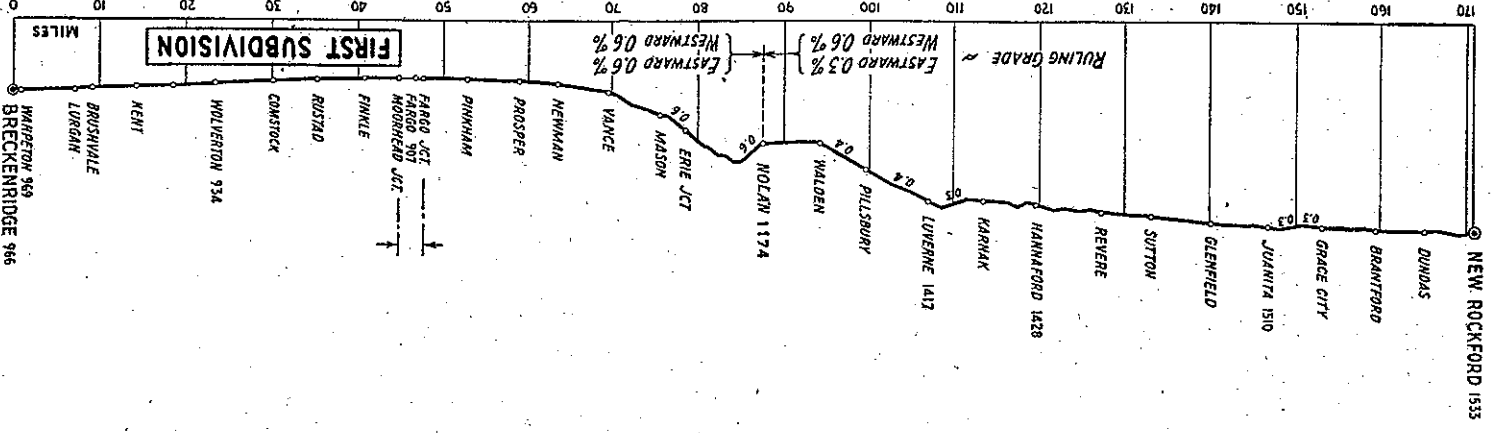
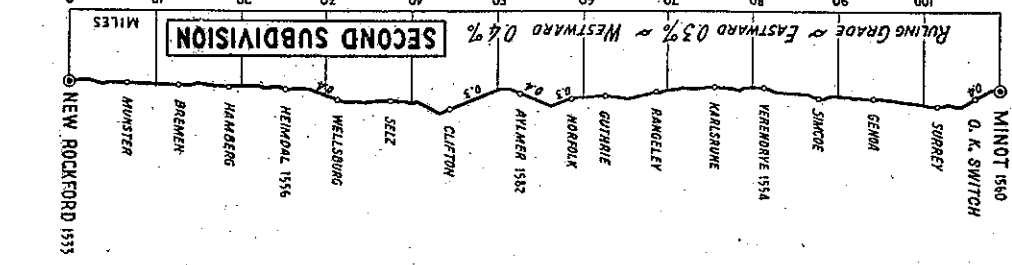
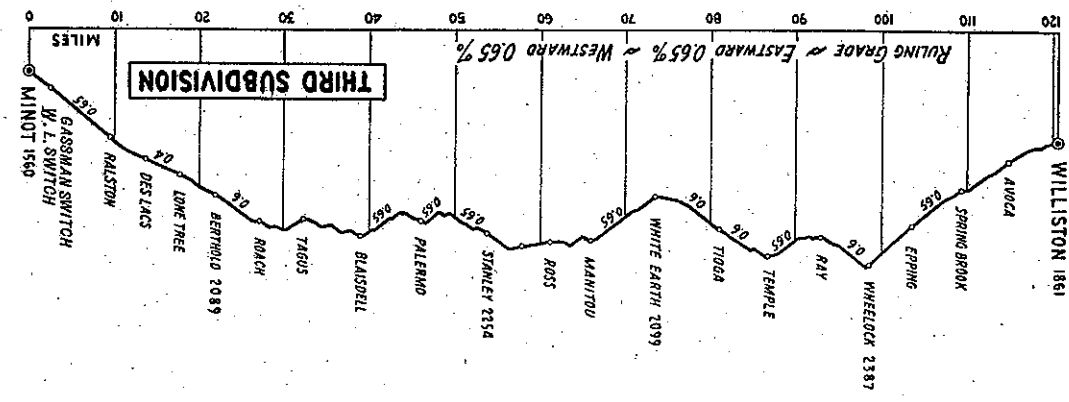
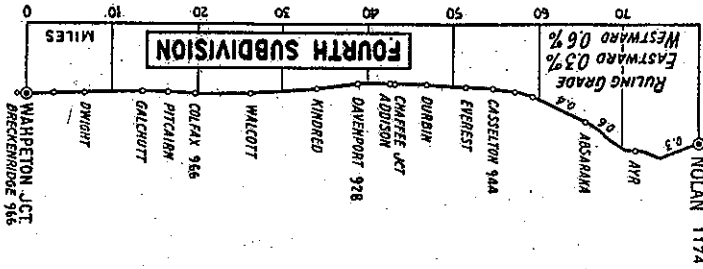
Irving Thorn .....	Breckenridge, Minn.
D. W. Langenes .....	New Rockford, N. D.
E. W. Johnson .....	Fargo, N. D.
S. D. Kivley .....	Minot, N. D.
A. J. Parke .....	Minot, N. D.
R. M. Gross .....	Williston, N. D.
Operators .....	Stanley, N. D.
Stanley, for comparison only.	

Time Min.	Per Mile Sec.	Miles Per Hour	Time Min.	Per Mile Sec.	Miles Per Hour
	40	90.0	1	12	50.0
	41	87.8	1	14	48.6
	42	85.7	1	16	47.4
	43	83.7	1	18	46.1
	44	81.8	1	20	45.0
	45	80.0	1	22	43.9
	46	78.3	1	24	42.9
	47	76.6	1	26	41.9
	48	75.0	1	28	40.9
	49	73.5	1	30	40.0
	50	72.0	1	33	38.7
	51	70.6	1	36	37.5
	52	69.2	1	39	36.4
	53	67.9	1	42	35.3
	54	66.6	1	45	34.3
	55	65.4	1	50	32.7
	56	64.2	1	55	31.3
	57	63.1	2	—	30.0
	58	62.0	2	10	27.7
	59	61.0	2	20	25.7
1	0	60.0	2	30	24.0
1	1	59.0	2	40	22.5
1	2	58.0	3	—	20.0
1	3	57.1	3	30	17.1
1	4	56.2	4	—	15.0
1	5	55.3	5	—	12.0
1	6	54.5	6	—	10.0
1	7	53.7	7	—	8.5
1	8	52.9	8	—	7.5
1	9	52.1	9	—	6.7
1	10	51.4	10	—	6.0

**BUSINESS TRACKS NOT SHOWN AS STATIONS ON TIME TABLE**

Name	Location	Capacity Cars	Switch Opens
<b>First Subdivision</b>			
Mason Pit Spur .....	1½ miles west of Erie Jct. ....	38	East
<b>Second Subdivision</b>			
Falsen Pit .....	3.2 miles east Verendrye .....	122	East
<b>Third Subdivision</b>			
Blaisdell Pit .....	1.5 miles east Blaisdell .....	215	East
Lovejoy Mine Spur .....	0.13 miles west Avoca .....	10	East
<b>Fifth Subdivision</b>			
Kincaid Storage Track .....	0.36 miles east Kincaid .....	80	East & West
Noonan Storage Track .....	1.68 miles east Noonan .....	68	East & West
<b>Ninth Subdivision</b>			
J. C. Jenson Spur Track .....	1.50 miles east of Chaffee .....	7	West

Elevation...175



# GREAT NORTHERN RAILWAY COMPANY

## MINOT DIVISION

## TIME

## TABLE

# 71

EFFECTIVE 12:01 A. M.

CENTRAL TIME

Sunday, September 16, 1951

M. L. GAETZ, Superintendent.

T. A. JERROW, General Manager.

A. W. CAMPBELL, General Superintendent Transportation.

### COMPANY SURGEONS

\*Dr. Roscoe C. Webb, Chief Surgeon—Minneapolis, Minn.  
\*Dr. Ernest R. Anderson, Asst. Chf. Surg., Minneapolis, Minn.

\*Dr. Louis T. O'Brien—Breckenridge, Minn.  
\*Dr. C. W. Jacobson—Breckenridge, Minn.

\*Dr. Clarence V. Bateman—Wahpeton, N. D.  
\*Dr. E. W. Humphrey—Moorhead, Minn.

\*Dr. Kent E. Darrow—Fargo, N. D.  
\*Dr. P. H. Burton—Fargo, N. D.

\*Dr. H. J. Fortin—Fargo, N. D.  
\*Dr. I. D. Clark—Casselton, N. D.

\*Dr. C. G. Owens—New Rockford, N. D.  
\*Drs. Kernott and Kernott—Minot, N. D.

\*Dr. Frank Wheldon—Minot, N. D.  
\*Dr. M. G. Flath—Stanley, N. D.

\*Dr. Robert Goodman—Powers Lake, N. D.  
\*Dr. C. O. McPhail—Crosby, N. D.

\*Dr. J. P. Craven—Whiston, N. D.  
\*Designates also Examining Surgeon.

### OPHTHALMIC SURGEONS

(Eye Doctors)

Dr. Archibald D. McCannel—Minot, N. D.

Dr. M. B. Ruud—Grand Forks, N. D.

J. J. FINNESSEY, Chief Dispatcher.

R. E. STROM, Trainmaster.

F. W. LANE, Trainmaster.

J. F. GRAHAM, Trainmaster.