

COMPANY SURGEONS

- *Dr. Roscoe C. Webb, Chief Surgeon.....Minneapolis, Minn.
- *Dr. Ernest R. Anderson, Asst. Chf. Surg., Minneapolis, Minn.
- *Dr. Louis T. O'BrienBreckenridge, Minn.
- Dr. C. W. JacobsonBreckenridge, Minn.
- *Dr. Clarence V. BatemanWahpeton, N. D.
- Dr. E. W. HumphreyMoorhead, 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.
- Williston, 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.
O. E. FISHER, Trainmaster.
W. J. BARKE, Trainmaster.

GREAT NORTHERN RAILWAY COMPANY

MINOT DIVISION

TIME TABLE 66

EFFECTIVE 12:01 A. M.

CENTRAL TIME

Sunday, June 25, 1950

M. L. GAETZ, Superintendent.
I. G. POOL, General Manager.
J. B. SMITH, General Superintendent Transportation.

2 WESTWARD

FIRST SUBDIVISION

Station Numbers	Car Capacity		THIRD CLASS				SECOND CLASS				FIRST CLASS					Distance from Breckenridge	Time Table No. 66		Telegraph Calls
	Stidings	Other Tracks	401	403	449	341	(182) 127	199	209	197	11	3	27	9	1		Effective June 25, 1950	STATIONS	
			Daily	Daily	Daily	Mon., Wed., Fri.	Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Sun.	Streamliner	Daily	Daily	Daily	Daily				
A214	Yard	1145	L 8.15Pm	L 2.15Pm	L 6.40Am				L 6.01Am		L 2.03Pm	L 1.52Pm	L 4.35Am	L 2.05Am			BRECKENRIDGE	BR	
R1		108							s 6.05		s 2.05		s 4.40		0.99		Wahpeton	WH	
															1.19		MILW. CROSSING		
			A 8.25Pm	A 2.25Pm	A 6.50Am				A 6.08Am		2.08	1.56	4.43	12.08	1.84		Wahpeton Jct.		
															5.40		MILW. CROSSING		
P7		35									2.15	2.03	4.49	10 12.14	7.25		LURGAN		
P9		19											f 4.52		9.20		BRUSHVALE		
P14	90	43									2.25	2.12	f 5.02	12.22	14.23		KENT	KN	
P23	89	49									2.39	2.24	f 5.16	12.32	23.24		WOLVERTON	WO	
P29		75									2.48	2.33	f 5.26	12.39	30.07		COMSTOCK	CM	
P35		36									2.55	2.39	f 5.36	12.45	35.23		RUSTAD	J	
P40		85									3.02	2.46	5.43	12.51	40.75		FINKLE		
		120								L 10.20Pm	3.08	2.53	5.50	12.56	44.79		MOORHEAD JCT.	MJ	
															44.92		N. P. RY. CROSSING		
241	55	263					L 9.13Pm			s 10.23	s 3.10	2.55	s 5.55	12.57	45.61		MOORHEAD	MH	
242	Yard	1310				L 8.25Am	A 19.20Pm	L 7.40Am	L 7.30Am	A 10.26	A 3.15	A 3.00	A 6.00	A 1.01	46.96		FARGO	FO	
										L 10.29	L 3.25	L 3.10	L 6.20	L 1.06			FARGO		
242							8.30	7.45	7.35	A 10.31Pm	A 3.30Pm	3.15	A 6.23Am	1.08	47.70		FARGO JCT.	F	
FS6	68	14				s 8.43		f 7.55	f 7.45			3.21		1.14	52.91		PINKHAM		
FS12	69	23				s 8.55		f 8.08	s 7.58			3.29		1.21	59.08		PROSPER	RO	
FS17		34				s 9.05		f 8.05							63.32		NEWMAN		
FS23	69		L 10.39Pm	L 4.32Pm	L 9.26Am	s 9.20		f 8.30	A 8.15Am			3.43		1.32	69.55		VANCE		
FS29	69	32	10.49	4.42	9.36	s 9.45		f 8.38				3.50		1.39	75.57		MASON		
815			10.55	4.48	9.42	A 9.55Am		8.44				3.54		1.42	78.60		ERIE JCT.		
FS41	128		11.15	5.05	10.02			s 9.01				4.05		1.50	87.41		NOLAN	W	
FS47	79	23	11.27	5.15	10.12			s 9.12				4.11		1.56	94.10		WALDEN		
FS53	80	23	11.42	5.28	10.25			s 9.25				4.16		2.01	99.46		PILLSBURY	BX	
FS60	128	34	11.54	5.50	10.42			s 9.40				4.24		2.08	106.85		LUVERNE	NE	
FS67	79	34	12.05Am	6.10	10.52			s 9.52				4.32		2.16	113.21		KARNAK	NA	
FS73	133	26	12.32	6.42	11.05			s 10.10				4.39		2.21	119.60		N. P. RY. CROSSING	HO	
FS80		33	12.50	6.55	11.18			s 10.25				4.46		2.28	127.02		HANNAFORD		
FS86	139	33	1.01	7.04	11.27			s 10.37				4.52		2.33	133.00		REVERE		
FS93		52	1.12	7.15	11.38			s 10.50				4.59		2.38	139.97		GLENFIELD	GD	
FS100	144	33	1.22	7.26	11.49			s 11.02				5.05		2.43	145.53		JUANITA	JA	
FS106		41	1.32	7.36	11.59			s 11.15				5.11		2.48	152.97		GRACE CITY	G	
FS113	146	33	1.42	7.46	12.11Pm			s 11.27				5.17		2.53	159.36		BRANTFORD	BF	
FS118	140	32	1.52	7.56	12.21			f 11.35				5.22		2.58	165.11		DUNDAS		
FS124	Yard	999	A 2.05Am	A 8.05Pm	A 12.35Pm		A 11.50Am					A 5.30Pm		A 3.06Am	170.95		N. P. RY. CROSSING	KO	
			3.36 28.6	3.43 27.7	3.19 31.1	1.30 21.3	0.07 9.00	4.10 29.8	3.45 30.5	.07 15.7	.11 15.8	1.27 32.9	3.38 47.0	1.48 24.6	3.01 56.7				

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.

Time Over Subdivision
Average Speed Per Hour

FIRST SUBDIVISION

EASTWARD 3

Time Table No. 66

Effective June 25, 1950

STATIONS	Distance From New Rockford	FIRST CLASS					SECOND CLASS				THIRD CLASS				SIGNS
		12	4	28	10	2	(131) 128	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 5.25 ^{pm}	A 8.37 ^{pm}	A 12.38 ^{am}	A 3.02 ^{am}				A 11.00 ^{pm}		A 9.25 ^{pm}		A 3.10 ^{am}	RDNXWC KOYIB	
Wahpeton	169.96	s 5.21		s 12.27					s 10.52					PXD	
MILW. CROSSING	169.76													M	
Wahpeton Jct.	169.11		5.18	8.31	12.22	448	2.56		L 10.46 ^{pm}		L 9.15 ^{pm}		L 2.57 ^{am}	PJXI	
MILW. CROSSING	165.55													I	
LURGAN	163.70		5.12	8.24	12.14 ^{am}		2.50							P	
BRUSHVALE	161.75				f 11.57										
KENT	156.72		5.02	8.14	f 11.48		2.43							DP	
WOLVERTON	147.71		4.49	8.02	f 11.35		2.33							DP	
COMSTOCK	140.88		4.39	7.52	f 11.24		2.26							DP	
RUSTAD	135.72		4.32	7.45	f 11.16		2.20							DP	
FINKLE	130.20		4.25	7.38	11.07		2.14							P	
MOORHEAD JCT.	126.16	A 9.10 ^{am}	4.17	7.32	10.57		2.09							IDNP XYJ	
N. P. RY. CROSSING	126.03													I	
MOORHEAD	125.34	s 9.09	s 4.13	s 7.30	s 10.55	A 6.40 ^{am}	2.07							DNPXR	
FARGO	124.29	L 9.04	L 4.05	L 7.20	L 10.45	L 6.35 ^{am}	2.04								
FARGO JCT.	123.25	A 9.01	A 3.55	A 7.05	A 10.19	A 7.00 ^{pm}	1.59	A 9.10 ^{pm}		A 3.05 ^{pm}				WXBDN IKR	
PINKHAM	118.04	L 8.59 ^{am}	L 3.50 ^{pm}	7.01	L 10.16 ^{pm}		1.56	6.50	9.05	3.00		A 5.01 ^{pm}		BCDNJK ORWXY	
PROSPER	111.87			6.54		r 6.30	1.50	r 8.55		s 2.45		4.45		P	
NEWMAN	107.63			6.46		r 6.15	1.43	s 8.44		s 2.32		4.30		DP	
VANCE	101.40			6.33		L 5.50 ^{pm}	1.32	s 8.25		s 2.00		L 4.01 ^{pm}		YPJI	
MASON	95.38			6.25		r 8.11	1.21			s 1.45				WP	
ERIE JCT.	92.35			6.21			1.17			L 1.35 ^{pm}				PJ	
NOLAN	83.54			6.11		As 4.20 ^{pm}	1.07	L 7.45 ^{pm}		A 6.22 ^{pm}		A 12.05 ^{am}		PIDNWJ	
WALDEN	76.85			6.04		s 4.11	1.00			6.12		11.52		P	
PILLSBURY	71.49			5.58		s 3.51	12.54			6.03		11.42		DP	
LIVERNE	64.10			5.50		s 3.30	12.46			403-28 5.50		11.31		DP	
KARNAK	57.74			5.42		s 3.10	12.37			5.30		11.20		DP	
N. P. RY. CROSSING	51.35			5.35		s 2.55	12.32			5.20		11.01		IDNPW	
HANNAFORD	43.95			5.25		s 2.30	12.26			5.03		10.47		P	
REVERE	37.95			5.19		s 2.20	12.21			4.52		10.39		DP	
SUTTON	30.98			5.12		s 2.00	12.15			4.25		10.28		DP	
GLENFIELD	24.42			5.05		s 1.40	12.09			4.10		10.17		DP	
JUANITA	17.98			4.54		s 1.25	12.03 ^{am}			3.56		10.06		DP	
GRACE CITY	11.59			4.46		r 1.10	11.57			3.43		9.55		DP	
BRANTFORD	5.84			4.38		r 12.55	11.53			3.30		9.45		P	
DUNDAS															
N. P. RY. CROSSING															
NEW ROCKFORD				L 4.30 ^{pm}		L 11.48 ^{pm}		L 12.40 ^{pm}		L 3.15 ^{pm}		L 9.30 ^{pm}		RDNPKB IWXYO	
Time Over Subdivision		.11	1.35	4.07	2.22	3.14	.05	4.50	1.25	.14	1.30	3.16	1.00	2.48	
Average Speed Per Hour		15.8	30.1	41.5	20.2	52.9	12.4	22.0	28.8	7.9	21.3	25.9	21.8	30.4	

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SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 11 THROUGH 18.

L. N. RY.—ANNOT. DIV.

AUTOMATIC BLOCK SIGNALS

4 WESTWARD

SECOND SUBDIVISION

Station Numbers	Car Capacity		THIRD CLASS			SECOND CLASS		FIRST CLASS				Distance from New Rockford	Time Table No. 66 Effective June 25, 1950	STATIONS	Telegraph Calls
	Siding	Other Tracks	403	449	401	199	3	27	9	1 Streamliner					
			Daily	Daily	Daily						Daily Ex. Sunday				
FS124	Yard	999	L 8.15Pm	L 12.53Pm	L 2.25Am	L 1.00Pm	L 5.33Pm	L 3.06Am						NEW ROCKFORD	KO
FS131	140	23	8.30	1.07	2.38	1.15	5.40	3.13	6.80					MUNSTER	
FS137	141	35	⁴⁴⁸ 8.45	1.18	2.50	1.32	5.45	3.18	12.49					BREMEN	BN
FS143	88	31	8.55	1.28	¹ 3.23	1.48	5.51	⁴⁰¹ 3.23	18.80					HAMBERG	MA
FS149	141	31	9.05	1.38	3.37	⁴⁰² 2.05	5.58	3.28	25.01					HEINDAL	HD
FS155	141	33	9.15	⁴⁰² 1.48	3.50	2.25	6.04	3.33	31.11					WELLSBURG	WX
FS162	141	33	9.25	1.58	4.01	2.45	6.10	3.38	37.43					SELZ	Z
FS169		25	9.38	2.13	4.15	3.05	6.17	3.46	44.46					CLIFTON	
FS177	W 103 E 88	34	9.51	2.26	4.30	²⁸ 3.28	6.26	3.55	52.74					AYLMER	MR
FS183		38	10.01	2.36	4.40	3.38	6.32	4.00	58.62					M. St. P. & S. M. Ry. Crossing NORFOLK	
FS187	153	34	10.07	2.42	4.46	3.49	6.36	4.03	62.49					GUTHRIE	GU
FS193		41	10.15	2.50	4.56	4.02	6.41	4.08	68.45					RANGELEY	
FS200	84	33	² 10.42	²⁸ 3.05	5.06	4.22	⁴⁴⁸ 6.48	4.13	75.31					KARLSRUHE	RA
FS205	144	28	10.55	3.21	5.16	4.45	6.54	4.18	81.17					VERENDRYE	RY
FS212	140	33	11.05	3.35	5.26	5.05	7.01	4.23	87.59					SIMCOE	MO
FS218	87	25	11.15	3.50	5.36	^f 5.25	7.06	4.28	94.00					GENOA	
519			11.30	4.10	5.50	⁴⁴⁸ 5.50	L 10.30Pm	L 3.23Pm	101.58					SURREY (M. D. Jct.)	SR
523		218	11.37	4.20	5.59	6.02	10.36	7.19	105.97					C. K. SWITCH	
526	Yard	2179	A 11.50Pm	A 4.30Pm	A 6.10Am	A 6.30Pm	A 10.45Pm	A 7.25Pm	108.81					^{4.39} ^{2.84} MINOT	AD
			3.35 30.4	3.37 30.0	3.45 29.0	5.30 19.7	.15 28.9	1.52 58.2	.12 36.3	1.44 62.8					

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

SECOND SUBDIVISION

EASTWARD 5

Time Table No. 66 Effective June 25, 1950	Distance from Minot	FIRST CLASS				SECOND CLASS			THIRD CLASS		SIGNS
		4	10	28	2 Streamliner	200			402	448	
		Daily	Daily	Daily	Daily	Daily Ex. Sunday			Daily	Daily	
NEW ROCKFORD	108.81			A 4.25Pm	A 11.48Pm	A 11.05Am			A 2.55Pm	A 9.10Pm	IRDNPB KWXY
MUNSTER	102.01			4.15	11.41	10.45			2.40	8.55	P
BREMEN	96.82			4.09	11.36	10.32			2.30	8.45	DP
HAMBERG	90.21			4.03	11.31	10.14			2.18	8.35	DP
HEIMDAL	88.80			3.57	11.26	9.56			2.05	8.25	DPW
WELLSBURG	77.70			3.51	11.21	9.38			1.48	8.15	DP
SELZ	71.88			3.45	11.16	9.20			1.28	8.05	DP
CLIFTON	64.85			3.37	11.09	9.01			1.12	7.51	P
AYLMER	56.07			3.28	11.01	8.45			1.25	7.35	DNPW
M. St. P. & S. S. M. Ry. Crossing NORFOLK	50.19			3.22	10.56	8.13			12.30	7.20	IP
GUTHRIE	46.82			3.18	10.53	8.05			12.23	7.14	DP
RANGELEY	40.86			3.12	10.48	7.48			12.11Pm	7.02	P
KARLSRUHE	38.80			3.05	10.42	7.37			11.59	6.48	DP
VERENDRYE	27.64			2.59	10.37	7.20			11.48	6.30	DPW
SIMCOE	21.22			2.52	10.31	7.03			11.37	6.17	DP
GENOA	14.81			2.45	10.26	6.47			11.25	6.04	P
SURREY (M. D. Jct.)	7.28	A 9.05Am	A 1.45Pm	2.37	10.20	6.35			11.10	5.50	RDNPIJ
C. K. SWITCH	2.84	8.59	1.35	2.30	10.15	6.20			10.50	5.30	PXI IRDNPW CKOXY
MINOT		L 8.55Am	L 1.30Pm	L 2.25Pm	L 10.10Pm	L 6.15Am			L 10.40Am	L 5.20Pm	
Time Over Subdivision		.10	.18	2.00	1.28	4.50			4.15	8.50	
Average Speed Per Hour		43.3	28.9	54.4	66.6	22.5			25.6	28.8	

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 18.

6 WESTWARD

THIRD SUBDIVISION

Station Numbers	Car Capacity		THIRD CLASS				SECOND CLASS			FIRST CLASS			Distance from Minot	Time Table No. 66 Effective June 25, 1950	STATIONS	Telegraph Calls
	Sidings	Other Tracks	417	449	401	403	9	219	(178)	3	27	1				
									179							
			Daily	Daily	Daily	Daily	Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Mon.	Daily	Daily	Daily				
526	Yard	2179	L 7.40Pm	L 10.25Am	L 8.40Am	L 2.01Am	L 4.10Pm	L 3.45Pm		L 10.50Pm	L 7.35Pm	L 4.55Am	4.81	} Double Track	AD	
			7.55	10.40	8.55	2.15	4.21	3.55		11.01	7.44	5.01	4.81			
			7.57	10.42	8.57	2.17	4.22	3.56		11.02	7.45	5.02	4.94			
536		14	8.06	11.01	9.12	2.30	4.29	4.05		11.08	7.51	5.08	9.24	} Double Track	DE	
538	60	16	8.16	11.15	9.27	2.40	4.37	4.13		11.15	7.57	5.14	13.47			
544	80	27	8.25	11.30	9.40	2.50	4.45	4.20		11.21	8.03	5.19	17.59		NE	
549	E99 W141	179	8.34	11.42	9.53	3.01	5.01	4.30		11.27	8.08	5.23	22.33	} Double Track	BD	
								A 4.35Pm					22.59			
552	140		8.43	11.55	10.05	3.10	5.09			11.33	8.14	5.28	27.01			
558	150	15	8.52	12.08Pm	10.18	3.20	5.17			11.40	8.21	5.34	32.05			
565	215	16	9.15	12.25	10.30	3.33	5.28			11.48	8.28	5.41	38.37		Q	
572	140	22	9.35	12.40	10.43	3.45	5.40			11.57	8.35	5.49	45.85		BX	
													45.85		PA	
580	Continous Auto. Bil. Sigs. W260 E130 140	118	9.50	1.03 ²⁸	11.05	4.10	6.01		L 6.45Am				53.29	} AUTOMATIC BLOCK SIGNALS	} Double Track	
587		24	10.05	1.20	11.20	4.25	6.15		A 6.55Am	12.10Am	8.43	5.58	58.70			
592		10	10.13	1.32	11.33	4.35	6.24			12.22	8.50	6.06	61.08			
										12.29	8.59	6.11	65.59		VR	
599	E104 W104	25	10.25	1.50	11.48	4.50	6.39			12.40	9.10	6.20	73.11	} Double Track	WH	
609	109	22	10.40	2.10	12.03Pm	5.05	6.55			12.51	9.20	6.29	80.97			
614	140	17	10.50	2.25	12.19 ²⁸	5.15	7.07			12.59	9.28	6.35	86.50		G	
617	E112 W89	42	11.01	2.40	12.36	5.27	7.22			1.08	9.37	6.42	92.74		MP	
625	96	28	11.12	2.55	12.48	5.38	7.34			1.16	9.45	6.49	98.07		RA	
631		26	11.21	3.04	12.57	5.48	7.46			1.24	9.53	6.56	103.24	} Double Track	W	
633	96	17	11.30	3.13	1.06	5.58	7.59			1.32	10.01	7.03	109.06			
641			11.39	3.22	1.14	6.07	8.12			1.40	10.08	7.10	114.64		PG	
647	Yard	1729	A 11.55Pm	A 3.35Pm	A 1.25Pm	A 6.20Am	A 8.30Pm			A 1.50Am	A 10.20Pm	A 7.20Am	120.32		WN	
			4.15	5.10	4.45	4.19	4.20	.50	.10	3.00	2.45	2.25				
			28.3	23.1	25.3	27.8	27.1	27.1	8.4	40.1	43.7	49.7				

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. 66 Effective June 25, 1950	Distance from Williston	FIRST CLASS			SECOND CLASS			THIRD CLASS		SIGNS	
		4	28	2 Streamliner	220	10	(177) 180	448	402		
		Daily	Daily	Daily	Daily Ex. Sunday	Daily Ex. Sunday	Daily Ex. Sunday	Daily	Daily		
STATIONS											
AUTOMATIC BLOCK SIGNALS	MINOT	120.32	A 8.45 ^{Am}	A 2.15 ^{Pm}	A 10.05 ^{Pm}	A 8.15 ^{Am}	A 12.01 ^{Pm}		A 9.20 ^{Am}	A 7.20 ^{Pm}	IRDNPWY CKOXB
	M. St. P. & S. S. M. Ry. Crossing 4.31										
	W. L. SWITCH	116.01	8.38	2.05	9.55	8.02	11.37		9.07	7.05	IP
	GASSMAN SWITCH 0.63	115.38	8.37	2.04	9.54	8.01	11.35		9.05	7.03	IP
	RALSTON	111.08	8.31	1.57	9.49	7.54	11.28		8.57	6.55	P
	DES LACS 4.13	106.88	8.25	1.51	9.44	7.47	11.15 ⁴⁹		8.49	6.45	IRDNPW
	LONE TREE 4.12	102.73	8.20	1.46	9.39	7.40	11.00		8.42	6.35	P
	BERTHOLD 4.74	97.99	8.15	1.40	9.34	7.33	10.50		8.35	6.25	IDNPBR X
	CROSBY-LINE JCT. 0.26	97.73				L 7.31 ^{Am}					JPX
	ROACH 4.42	93.31	8.10	1.34	9.29		10.28		8.27	6.15	P
	TAGUS 5.04	88.27	8.04	1.28	9.23		10.18 ⁴⁰¹		8.19	6.05	DP
	BLAISDELL 6.82	81.45	7.57	1.20	9.15 ⁴¹⁷		10.00		8.08	5.55 ⁹	DP
	PALERMO 6.98	74.47	7.49	1.12	9.06		9.40		7.55	5.40	DP
	GRENORA LINE JUNCTION 6.44	68.03						A 7.35 ^{Pm}			PJ
	STANLEY 1.41	66.62	s 7.40 ⁴⁴⁸	s 1.03 ⁴⁴⁹	8.58 ²⁷		9.20	L 7.30 ^{Pm}	7.40 ⁴	5.25	DNPI WYXBR
	ROSS 7.33	59.29	7.30	12.48	8.50		8.40		7.20	5.03	IDP
	MANITOU 4.56	54.73	7.25	12.43	8.45		8.24		7.13	4.50	P
	WHITE EARTH 7.52	47.21	7.16	12.34	8.36		8.08		6.53	4.20	DPW
	TIOGA 7.86	39.35	7.08	12.25	8.28		7.53		6.29 ¹	4.05	DP
	TEMPLE 5.53	33.82	7.02	12.19 ⁴⁰¹	8.22		7.40		6.05	3.55	P
	RAY 6.24	27.58	6.55	12.12	8.15		7.27		5.53	3.40	DPW
	WHELOCK 5.33	22.25	6.49 ¹	12.06 ^{Pm}	8.09		7.10		5.44	3.30	RDNPI
	EPPING 5.17	17.08	6.37	11.57	8.02		6.57		5.26	3.10	DP
	SPRING BROOK 5.82	11.26	6.28	11.48	7.55		6.45		5.08	2.50	P
	AVOCA 5.58	5.68	6.19	11.39	7.48		6.30		4.50	2.30	P
WILLISTON 5.68		L 6.10 ¹⁰ ^{Am}	L 11.30 ^{Am}	L 7.40 ^{Pm}		L 6.15 ⁴ ^{Am}		L 4.30 ^{Am}	L 2.15 ^{Pm}	RDNPWY CKOXB	
Time Over Subdivision		2.35	2.45	2.25	.44	.05		4.50	5.05		
Average Speed Per Hour		46.5	43.7	49.7	30.8	20.8	16.8	24.8	23.6		

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 Numbers	Car Capacity		THIRD CLASS			SECOND CLASS			Distance from Wahpeton Jct.	Time Table No. 66 Effective June 25, 1950	Telegraph Calls	Distance from Nolan	SIGNS	SECOND CLASS			THIRD CLASS	
	Stings	Other Tracks	401	403	449	(200) 175	209	197						(209) 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	109	82	L 8.25Pm	L 2.25Pm	L 6.50Am			L 6.08Am	78.21	JIX			A 10.46Pm	A 2.57Am	A 9.15Pm			
R 14	70	22	8.40 402 8.52	2.38	7.03			s 6.20	6.00	DT	72.21	DP	s 10.37	2.30	9.03 491			
R 18		18		2.50	7.15			s 6.33	12.61	GS	65.00	DP	s 10.27	2.16	8.52			
R 91	109	29	9.05	3.02	7.27			s 6.45	19.20	CX	59.01	DP	s 10.05	2.02	8.34			
R 98	70	84	9.16	3.13	7.38			s 7.01	25.39	Q	52.82	DP	s 9.50	1.50	8.21			
R 96	109	71	9.29 198	3.26	7.51			s 7.25	33.33	KR	44.88	DPW	s 9.29 401	1.38	8.07			
R 41	70	82	9.39	3.35	8.01			s 7.36	38.80	DV	39.91	IDP	s 9.13	1.25	7.55			
R 44		82						s 7.44	42.25		35.96	P	s 9.06					
R 48	109	87	9.53	3.49	8.15			s 7.53	42.00		35.61	PJ						
R 53		17						f 7.59	46.07	DU	31.14	DP	s 8.59	1.10	7.37			
R 56	134	236	10.08	4.01	200-176 8.55	L 200 5.30Pm	L 176 8.45Am	s 8.09	50.96		37.25	IDN PWX	f 8.52					
T 1	69	19	A 10.10Pm	A 4.03Pm	A 8.57Am	A 5.31Pm	8.47	A 8.11Am	53.74	CT	24.47	XP	A 449-209 8.42Am	A 176 5.20Pm	s 8.47	12.55	7.20	
T 7	107	26					s 9.08		54.29		23.92	XYJP	L 8.40Am	5.15	L 8.45Pm	12.50	7.15	
PS 41	128						s 9.28		64.68	AX	13.53	DP	s 4.55			12.31	6.48	
							s 9.28		70.71	AY	7.50	DP	s 4.40			12.20	6.37	
							A 9.45Am		78.21	W		RID PNWJ	L 4.20Pm			L 12.05Am	L 6.22Pm	
			1.45 31.3	1.88 88.4	2.07 25.6	.01 19.8	1.00 24.2	2.03 26.5					.02 9.9	1.00 24.2	2.01 26.9	2.52 39.2	2.53 27.3	
			Time Over Subdivision															
			Average Speed Per Hour															

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 18.

10 WESTWARD SEVENTH SUBDIVISION EASTWARD

THIRD CLASS			Station Numbers	Car Capacity		SECOND CLASS		Distance from Caselton	Time Table No. 66 Effective June 25, 1950	Telegraph Calls	Distance from Vance	SIGNS	SECOND CLASS	
401	403	449		Sidings	Other Tracks	(200) 175	197						(209) 176	198
Daily	Daily	Daily			Daily Ex. Sunday	Daily Ex. Sunday						Daily Ex. Sunday	Daily Ex. Sunday	
L 10.10 ^{PM}	L 4.03 ^{PM}	L 8.57 ^{AM}												
			R59		29			2.91			8.74	PXYJ	A 8.40 ^{AM}	A 8.45 ^{PM}
			R63		46			6.62			5.83			
10.31	4.24	9.18	F823	69				8.74		MY	2.12	DP	8.25	8.33
A 10.39 ^{PM}	A 4.32 ^{PM}	A 9.26 ^{AM}										RPYJ	L 8.15 ^{AM}	L 8.25 ^{PM}
.29	.29	.29											.25	.20
18.0	18.0	18.0											20.9	26.2
									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.

WESTWARD			EIGHTH SUBDIVISION				EASTWARD				
Station Numbers	Car Capacity		SECOND CLASS		Distance from Stanley Line Jct.	Time Table No. 66 Effective June 25, 1950	Telegraph Calls	Distance from Grenora	SIGNS	SECOND CLASS	
	Sidings	Other Tracks		177							178
			Daily Ex. Sunday							Daily Ex. Mon.	
					L 7.35 ^{PM}			86.58	PJ	A 6.45 ^{AM}	
VD 8	22				f 7.55	6.41		80.17		f 6.25	
VD13	34				s 8.10	11.75		74.83	WD	s 6.10	
VD20	25				s 8.30	18.05		68.53	VA	s 5.50	
VD26	44				s 8.55	24.61		61.97	PW	s 5.30	
VD33	25				s 9.15	31.09		54.89	BV	s 4.45	
VD40	34				s 9.35	38.07		48.51	GO	s 4.20	
VD46	25				s 9.55	44.38		42.90	HA	s 3.55	
VD52	43	39			s 10.30	50.37		36.21	WR	s 3.30	
VD59	25				s 10.50	57.25		29.33	CN	s 2.55	
VD66	35				s 11.10	64.24		23.34	AG	s 2.35	
VD71	27				s 11.30	69.84		16.74	AK	s 2.15	
VD76	35				s 11.45	74.62		11.96	EA	s 1.55	
VD82	35				s 12.05 ^{AM}	80.26		6.33	HK	s 1.35	
VD88	105				A 12.30 ^{AM}	86.58			GE	RDP YXB	L 1.15 ^{AM}
						4.55					5.80
						17.6					15.7
						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.

WESTWARD			NINTH SUBDIVISION				EASTWARD				
Station Numbers	Car Capacity				Distance from Chaffee Line Jct.	Time Table No. 66 Effective June 25, 1950	Telegraph Calls	Distance from Chaffee	SIGNS		
	Sidings	Other Tracks									
R45	22				7.0			11.5	PJ		
R46	20				11.5			4.5			
						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 SPEED OF STREAMLINERS

Maximum speed of Streamliners, consisting of Streamliner cars handled by Diesel engines, will be designated by distinctive reflectorized roadway signs in the shape of letter "D".

Except as directly affected by speed restrictions under Items 1 and 2 All Subdivisions, the "D" 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 is reached.

Where 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. When the movement is from a lower to a higher speed zone the zone sign is located at the point where speed may be increased. Zone territories are listed herein for the convenience of employees.

MAXIMUM SPEED EXCEPTIONS:

When a Streamliner is detoured over Great Northern tracks outside of regular Streamliner territory, the Streamliner must not exceed the maximum permissible speed for other passenger trains in the territory operated.

When Streamliner is operated against the current of traffic in double track territory the Streamliner must not exceed the maximum permissible speed for other passenger trains. This does not modify Rule 93.

When Streamliner is handled by steam engine, or when other passenger trains are operated on Streamliner schedule, or when train consists of mixed Streamliner and conventional type equipment, the train must not exceed maximum permissible speed for other passenger trains in territory operated.

In event of failure of the electric straight air brakes, or if electric brakes cannot be used on account of cars not equipped with electric straight air brakes being handled in the train, the automatic air brakes will be used and Superintendent notified. In this event speed of train will not exceed the maximum permissible speed for other passenger trains.

ZONE TERRITORIES AND MAXIMUM SPEED FOR STREAMLINERS

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	60	60
Moorhead Jct.				
Fargo Jct.	42.3 "	2.2	30	30
	2.2 "	24.5	60	60
Vance	24.5 "	63.5	75	75
Luverne	63.5 "	64.2	40	40
	64.2 "	76.0	75	75
Hannaford	76.0 "	225.5	79	79
Surrey	225.5 "	196.7	35	75
	196.7 "	200.2	79	75
C K Switch	200.2 "	200.4	50	35
	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	25	25
Gassman Switch	5.3 "	13.9	60	60
Des Lacs	13.9 "	14.1	60	35
	14.1 "	44.0	65	65
Palermo	44.0 "	98.8	75	75
Wheelock	98.9 "	99.0	65	35
	99.0 "	118.2	65	60
Williston	118.2 "	121.0	50	50

2. SPEED RESTRICTIONS GENERAL

(a) Maximum permissible speed of passenger and freight trains, except 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 below and other speed restrictions covered by Item No. 2 under individual Subdivisions, the 45 degree signs prescribe the speed territories and the numerals thereon indicate in miles per hour the maximum permissible speed which will govern until the next territory is reached.

When the movement is from a higher to a lower speed territory, the 45 degree sign is located approximately one mile from the point where the lower speed becomes effective. When the movement is from a lower to a higher speed territory, 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.

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

(b) When passenger trains are handled by freight engines or when freight cars, except cars equipped with passenger trucks and steel wheels, are handled in passenger trains, the train will not exceed maximum permissible speed for freight trains in the territory operated.

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

(d) 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	25 MPH
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	30 MPH
except on 6 degree curves or sharper and on Branch Lines	20 MPH

Trains handling carload poles or piling on open cars when operating on double track, siding or other adjacent track must stop meeting or being passed by passenger trains, for other trains reduce speed to	10 MPH
Unless conditions require a further speed restriction, trains or engines moving against the current of traffic on double track through interlockings.....	15 MPH
Trains or engines moving on main routes actuating points of spring switches	35 MPH
Trains or engines moving in facing point direction at spring switches without facing point lock	25 MPH
Trains or engines through No. 20 turnouts at:	35 MPH

Wahpeton Junction.....Junction switch to Fourth Subdivision
Moorhead Jct.Junction with Dakota Division.
VanceWest wye switch, and east siding switch.

NolanWest siding switch.
DundasEast and west siding switch.
New RockfordWest yard lead.
SimcoeEast and west siding switch.
Surrey M. D. Jct.All switches.
MinotEast end south yard lead, and east yard lead.

C K SwitchEnd of double track.
W. L. SwitchEnd of double track east end Gassman Bridge.

Gassman SwitchEnd of double track west end Gassman Bridge.

Des LacsEnd double track.
StanleyEast and west switch westward siding.
RossWest switch Ross siding.
WheelockEnd of double track.
WillistonWest yard lead.

Trains or engines through No. 15 turnouts at:

Breckenridge	25 MPH
Moorhead Jct.	West siding switch.
Nolan	Junction switch First to Fourth Sub-division.

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

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 2300-2341 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 trains will not exceed following speeds:

50	35 MPH
75 to 170	45 MPH
175 to 231 and 271	60 MPH
252 to 259-262 to 265-300 to 306-400 to 456	45 MPH
260-261-266 to 270	65 MPH
350 to 376-500 to 512	75 MPH
2300 to 2324	50 MPH
2325 to 2341	60 MPH
5000 to 5008B	45 MPH
5010 to 5019	55 MPH

4. Under Rule 2, watches that have been examined and certified to by a designated inspector must be used by train dispatchers and yardmen.

5. 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.
6. 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.
7. 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.
8. 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.
9. Baggage cars returned deadhead when moved in storage mail service in opposite direction will be accompanied by waybill carrying notation "Deadhead mail car, no material of any character other than U. S. Mail or mail sacks to be loaded in it". Conductors will be held responsible for compliance of waybill instructions.
10. Trains 1, 2, 3, 4, 7 and 8 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.
11. 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.
12. 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.
13. 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.
14. 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 waybills 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.
15. Placarded loaded tank cars moving in through freight trains must be placed not less than 6th car from engine or caboose; cars placarded "Explosives", "Inflammable", or "Corrosive Liquids", not less than 16th car from road engine, one car from helper engine and 11 cars from caboose. These cars may be handled second car from engine or caboose in local trains. These cars must not be placed in trains next to each other, next to refrigerators equipped with gas burning heaters, stoves or lanterns, or flat cars loaded with logs, poles, lumber, pipe, rails, iron, steel, and gondola cars with such lading higher than ends, or cars of similar lading 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, provided shipments are accompanied by authorized representative of United States Government while on trains. Terminals 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.

Further details governing handling of Explosives, Inflammable and Corrosive Liquids may be found in I.C.C. Regulations.

16. Gas-Electric engines must not be fueled while occupied by passengers or coupled to cars occupied by passengers.
17. 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.

18. **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.

19. 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.
20. 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.
21. 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, 28, 29, 30, 355, 358, 359, 360, and sections thereof; also, extra passenger train whether operated as a section of regular train or as a passenger extra.
22. Air hose on Diesel and Electric engines must be hooked up in hose fastener when not in use.

23. 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.

24. **ON ENGINES, PASSENGER, FREIGHT AND ORE CARS EQUIPPED WITH ROLLER BEARINGS, EMPLOYEES WILL BE GOVERNED AS FOLLOWS:**

Roller bearing failures on cars or engines equipped with roller bearings in the journal boxes may be due to lack of oil. If 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. 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 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 equipped with roller bearings have box cover painted orange, four inch white stripe full length of car beneath stencilled name, "GREAT NORTHERN", and "TIMKIN ROLLER BEARINGS" stencilled in black across center of white stripe.

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

25. **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 ENGINE-MEN 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.

26. Omitted.
27. Rule D-97 is in effect on this division.

FIRST SUBDIVISION

(Main Line)

1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.

Between	Other Passenger	Freight
Breckenridge and Vance via Fargo (Diesel Engines)	60 MPH	35 MPH
Breckenridge and Vance via Fargo (Steam Engines)	50 MPH	35 MPH
Vance and Nolan	65 MPH	50 MPH
Nolan and New Rockford	70 MPH	50 MPH

2. SPEED RESTRICTIONS.

Between Home Signals of Interlockings at: 20 MPH
Nolan, for movements from Fourth to First Subdivision, and between Fourth Subdivision and Dakota Division,
(Page)
New Rockford, eastward.

3. ENGINE RESTRICTIONS ON INDUSTRY TRACKS.

Engines heavier than O-6 not permitted on any industry tracks, except Lurgan, 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, 342.

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. Between Fargo and Fargo Jct., first class trains, except No. 9 and No. 11 to and from Dakota Division Second Subdivision use Dakota Main track; other trains originating and terminating or destined Minot Division use Surrey Main track.
7. No. 9 and No. 11 use Surrey Main track at Fargo to Eighth Street, entering Dakota Main track at crossover just west of Eighth Street.
8. At Moorhead, Dakota Division trains use siding to and from Tenth Subdivision.
9. **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.

10. 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.

East siding switch.

Normal position is for main track.

Dundas, east and west siding switch.

Normal position is for main track.

11. DRAGGING EQUIPMENT DETECTOR INDICATOR.

Westward trains, at signal 817.1 approximately 3 miles west of Luverne.

12. MANUAL INTERLOCKINGS.

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

13. 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 Crossover.

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 in crank box. In case of failure of means of communication, train movement must be made in accordance with train rights and operating rules.

14. 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.

15. 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.

	Other	
Between	Passenger	Freight
New Rockford and Minot	70 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.

	Other	
Between	Passenger	Freight
Minot and Williston	65 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 20 MPH
Stanley, No. 1 passing depot 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

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	85 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, Coulee and Kenaston, 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	85 MPH	20 MPH

2. SPEED RESTRICTIONS.

Between Home Signals of Interlocking at Bowbells..... 20 MPH

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 ofMStP&SSM. RR. crossing

SEVENTH SUBDIVISION

(Amenia Line)

1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.

Between	Passenger	Freight
Casselton Jct. and Vance	40 MPH	30 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. and Wildrose	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	Passenger	Freight
Chaffee Line Jct. and Chaffee, all trains	12 MPH	

2. SPEED RESTRICTIONS.

Steam engines backing up 10 MPH

3. ENGINE RESTRICTIONS.

Engines heavier than G-3 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.
A. R. Hawkinson	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
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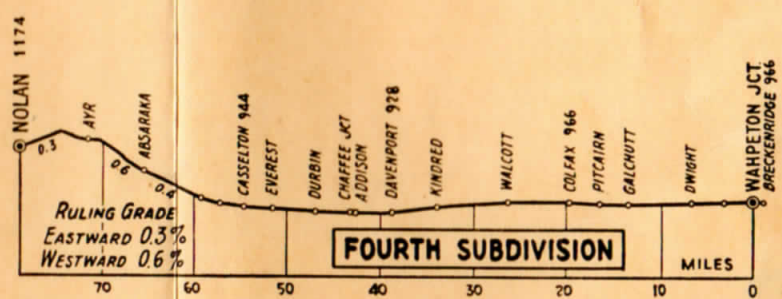
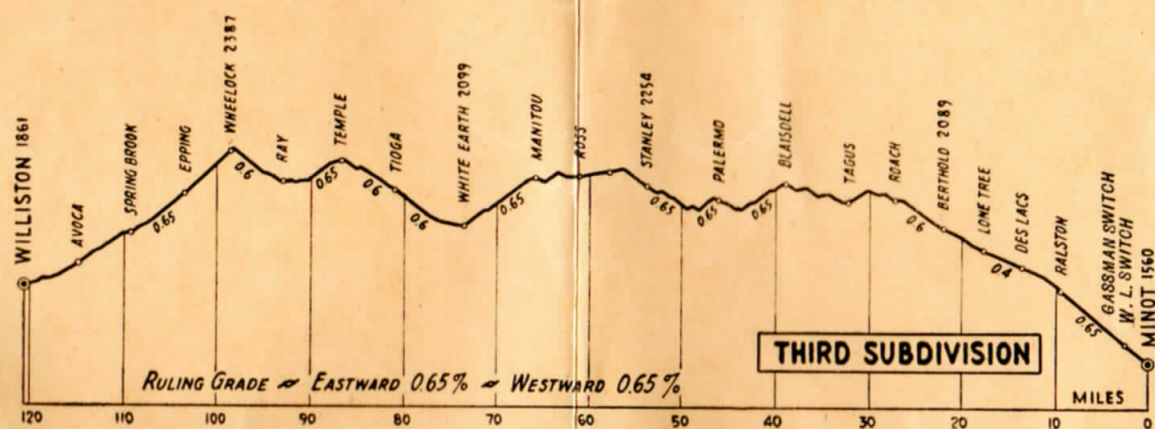
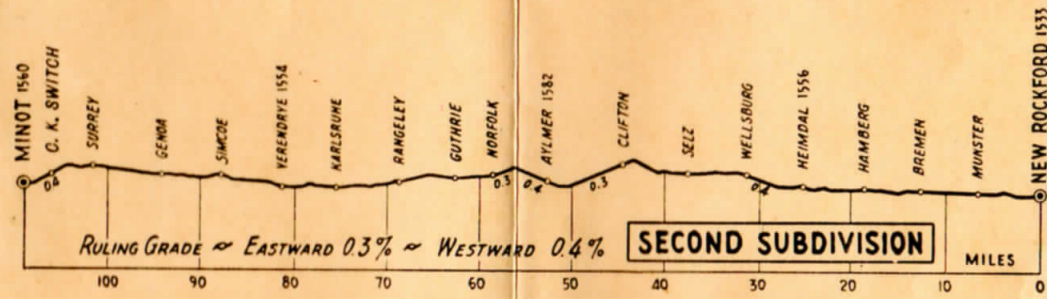
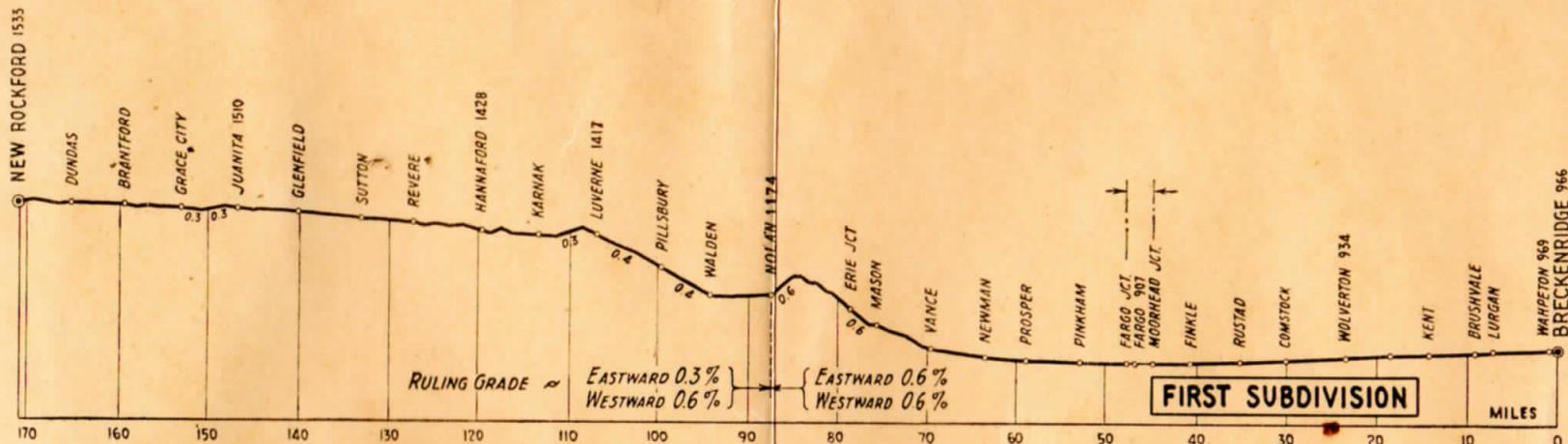
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	41	87.8
	42	85.7
	43	83.7
	44	81.8
	45	80.0
	46	78.3
	47	76.6
	48	75.0
	49	73.5
	50	72.0
	51	70.6
	52	69.2
	53	67.9
	54	66.6
	55	65.4
	56	64.2
	57	63.1
	58	62.0
	59	61.0
1	0	60.0
1	1	59.0
1	2	58.0
1	3	57.1
1	4	56.2
1	5	55.3
1	6	54.5
1	7	53.7
1	8	52.9
1	9	52.1
1	10	51.4

Time Min.	Per Mile Sec.	Miles Per Hour
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1	12	50.0
1	14	48.6
1	16	47.4
1	18	46.1
1	20	45.0
1	22	43.9
1	24	42.9
1	26	41.9
1	28	40.9
1	30	40.0
1	33	38.7
1	36	37.5
1	39	36.4
1	42	35.3
1	45	34.3
1	50	32.7
1	55	31.3
2	—	30.0
2	10	27.7
2	20	25.7
2	30	24.0
2	40	22.5
3	—	20.0
3	30	17.1
4	—	15.0
5	—	12.0
6	—	10.0
7	—	8.5
8	—	7.5
9	—	6.7
10	—	6.0

BUSINESS TRACKS NOT SHOWN AS STATIONS ON TIME TABLE

Name	Location	Capacity Cars	Switch Opens
First Subdivision			
Smith's Spur	3.7 miles west Newman	3	East
Second Subdivision			
Falsen Pit	3.2 miles east Verendrye	122	East
Third Subdivision			
Blaisdell Pit	1.5 miles east Blaisdell	215	East
Palermo Pit	1.27 miles west Palermo	132	West
Lovejoy Mine Spur	0.13 miles west Avoca	10	East
Fourth Subdivision			
Absaraka Pit	0.96 miles west Absaraka	160	West
Fifth Subdivision			
Kincaid Storage Track	0.36 miles east Kincaid	80	East & West
Noonan Storage Track	1.68 miles east Noonan	68	East & West
Ninth Subdivision			
J. C. Jenson Spur Track	1.50 miles east of Chaffee	7	West



Elevation...175

