



COMPANY SURGEONS

*Dr. Roscoe C. Webb, Chief Surgeon	Minneapolis, Minn.
*Dr. Ernest R. Anderson, Asst. Chf. Surg.	Minneapolis, Minn.
Dr. Bruce Boynton	Ada, Minn.
Dr. G. W. Clifford	Alexandria, Minn.
Dr. A. Mason Randall	Ashby, Minn.
Dr. A. Cyr	Barnesville, Minn.
Dr. J. A. Johnson	Bottineau, N. D.
Dr. J. A. MacDonald	Cando, N. D.
Dr. C. G. Uhley	Crookston, Minn.
*Dr. W. F. Sihler	Devils Lake, N. D.
Dr. G. J. McIntosh	Devils Lake, N. D.
Dr. Glenn W. Toomey	Devils Lake, N. D.
Dr. George R. Loeb	Dunseith, N. D.
Dr. A. N. Flaten	Edinburg, N. D.
Dr. E. Ostergaard	Evansville, Minn.
Dr. H. J. Fortin	Fargo, N. D.
*Dr. Kent E. Darrow	Fargo, N. D.
Dr. Norman H. Baker	Fergus Falls, Minn.
Dr. C. J. Glaspel	Grafton, N. D.
Dr. H. D. Benwell	Grand Forks, N. D.
*Dr. R. W. Vance	Grand Forks, N. D.
Dr. Walter C. Dailey	Grand Forks, N. D.
Dr. A. S. Berlin	Hallock, Minn.
Dr. Robert W. McLean	Hillsboro, N. D.
Dr. C. O. Haugen	Larimore, N. D.
Dr. A. D. Strom	Langdon, N. D.
Dr. A. B. Lund	Leeds, N. D.
Dr. J. M. Muus	McVille, N. D.
Dr. R. C. Little	Mayville, N. D.
*Drs. Kermott and Kermott	Minot, N. D.
Dr. Frank E. Wheelon	Minot, N. D.
Dr. A. A. Meyer	Melrose, Minn.
Dr. E. W. Humphrey	Moorhead, Minn.
Dr. M. T. Savre	Northwood, N. D.
Dr. E. Haberman	Osakis, Minn.
Dr. F. E. Weed	Park River, N. D.
Dr. Henry A. Korda	Pelican Rapids, Minn.
Dr. J. L. Delmore	Roseau, Minn.
Dr. W. R. Fox	Rugby, N. D.
*Dr. O. W. Johnson	Rugby, N. D.
*Dr. H. W. Goehrs	St. Cloud, Minn.
Dr. G. H. Goehrs	St. Cloud, Minn.
*Dr. John C. Grant	Sauk Centre, Minn.
*Dr. Julian F. DuBois, Jr.	Sauk Centre, Minn.
*Dr. J. F. DuBois	Sauk Centre, Minn.
Dr. O. S. Craise	Towner, N. D.
Dr. Chas. M. Adkins	Thief River Falls, Minn.
Dr. L. H. Landry	Walhalla, N. D.
Dr. E. E. Greene	Westhope, N. D.
Dr. C. H. Holmstrom	Warren, Minn.

*Designates also Examining Surgeon.

OPHTHALMIC SURGEONS (Eye Doctors)

Dr. Malcolm A. McCannel	Minneapolis, Minn.
Dr. Charles E. Stanford	Minneapolis, Minn.
Dr. M. B. Ruud	Grand Forks, N. D.
Dr. W. T. Wenner	St. Cloud, Minn.
Dr. Archibald D. McCannel	Minot, N. D.

F. H. Stull, Chief Dispatcher.
R. R. McEnary, Trainmaster.
T. C. Basterash, Trainmaster.
W. J. O'Connor, Trainmaster.
W. R. Richter, Ass't Trainmaster.

Scanned from the Dean Ogle Collection

GREAT NORTHERN RAILWAY COMPANY

DAKOTA DIVISION

TIME TABLE 95

EFFECTIVE 12:01 A. M.

CENTRAL TIME

Sunday, March 1, 1953.

R. H. HEMMESCH, Superintendent.
C. O. HOOKER, General Manager.
A. W. CAMPBELL, General Superintendent Transportation.

2 WESTWARD

FIRST SUBDIVISION

EASTWARD

Stations Numbers	Car Capacity		SECOND CLASS		FIRST CLASS			Distance from Rice Jct.	Time Table No. 95 Effective March 1, 1953	Distance from Moorhead Jct.	Telegraph Calls	SIGNS	FIRST CLASS			SECOND CLASS
	Staircase	Other Trains	443	405	7	11 Streamliner	29						8	12 Streamliner	30	406
			Daily	Daily	Daily	Daily	Daily		STATIONS				Daily	Daily	Daily	Daily

TRAINS BETWEEN RICE JCT. AND ST. CLOUD WILL BE GOVERNED BY SIXTH SUBDIVISION SCHEDULES WILLMAR DIVISION TIME TABLE.

Station	Car Capacity	Time	Time	Time	Time	Time	Time	Station	Time	Time	Time	Time	Time	Time	Time
83	72 28	L 11.15Pm	L 12.30Pm	L 10.02Pm	L 7.10Pm	L 12.37Am	.....	RICE JCT.	104.39	LFX	A 5.32Am	A 12.20Pm	A 5.52Pm	.....	A 1.05Am
85	4	11.24	12.57	10.08	7.16	s 12.47	6.17	ST. JOSEPH	158.22	JO DP	5.24	12.14	s 5.42	.....	12.47
90	72 24	11.36	1.18	10.17	7.25	s 1.01	14.24	COLLEGEVILLE	155.45	P	.....	.....	s 5.37	.....	.....
96	72 51	11.47	1.35	10.24	7.32	s 1.11	20.39	AVON	180.05	VN DPW	5.13	12.05Pm	s 5.30	.....	12.15Am
102	69 39	11.55	1.49	10.30	7.38	s 1.21	26.66	ALBANY	144.00	BY DNP	5.06	11.58	s 5.20	.....	11.47
108	79 82	12.04Am	2.01	10.36	7.44	s 1.32	32.62	FREEMONT	137.73	FR DP	4.59	11.52	s 5.10	.....	11.25
117	85 119	12.25	2.30	10.40	7.50	s 1.42	40.90	MELROSE	131.77	SU DP	4.53	11.46	s 5.01	.....	11.10
		.....	.....	10.47	7.55	L 1.52	41.06	SAUK CENTRE	123.49	AU BDNR WX	s 4.43	s 11.37	A 4.35	.....	10.47
		.....	.....	.....	.....	.....	41.70	PARK RAPIDS JCT.	123.33	JP	.....	.....	.....	.....	.....
124	69 27	12.40	2.50	10.56	8.03	f 2.03	49.70	N. P. Ry. Crossing	122.69	I	.....	.....	.....	.....	.....
130	69 80	12.49	3.05	11.02	8.09	s 2.14	54.51	WEST UNION	115.69	WU DP	4.30	11.27	s 4.25	.....	10.30
136	69 31	12.58	3.17	11.08	8.15	s 2.23	60.17	OSAKIS	109.88	KB DPW	4.23	11.21	s 4.17	.....	10.20
141	83 181	1.07	3.30	11.14	8.21	s 2.31	65.77	NELSON	104.22	N DP	4.16	11.15	s 4.07	.....	10.10
148	69 23	1.18	3.45	11.24	8.32	s 2.51	73.33	ALEXANDRIA	98.63	RA DNP	s 4.08	s 11.09	s 3.59	.....	9.58
154	69 42	1.27	4.05	11.30	8.38	s 3.01	78.06	GARFIELD	92.06	G DP	3.54	10.58	s 3.45	.....	9.42
159	114 169	1.43	4.25	11.36	8.44	s 3.12	83.21	BRANDON	86.33	BN DP	3.47	10.52	s 3.36	.....	9.30
168	11	.....	.....	11.36	8.44	s 3.12	87.08	EVANSVILLE	81.18	NS BDNOP WX	3.41	10.46	s 3.28	.....	9.20
168	110 29	2.01	4.50	11.45	8.53	s 3.31	92.12	MELBY	76.46	P	.....	.....	s 3.17	.....	.....
178	69 32	2.12	5.10	11.53	9.01	s 3.43	99.82	ASHBY	72.27	B DP	s 3.31	10.37	s 3.10	.....	8.53
187	62 243	2.30	5.29	12.07Am	9.16	s 3.57	110.98	DALTON	64.57	DO DP	3.21	10.29	s 2.59	.....	8.18
195	90 26	2.50	5.44	12.19	9.25	f 4.20	119.21	N. P. Ry. Crossing	54.13	LJP BDN WX	.....	.....	.....	.....	.....
204	69 81	3.07	5.58	12.28	9.34	s 4.32	127.82	FERGUS FALLS	53.46	GS DP	s 3.06	s 10.17	s 2.41	.....	7.55
210	69 18	3.18	6.10	12.36	9.41	f 4.42	134.60	CARLISLE	45.18	CA DP	2.50	10.05	s 2.25	.....	7.40
217	Yard 515	3.35	6.25	12.47	9.51	s 5.01	141.81	ROTHSAY	36.57	RT DPW	2.40	9.56	s 2.14	.....	7.25
226	79 32	3.47	6.40	12.49Am	9.53	A 5.03Am	142.55	LAWDALE	39.79	WN DP	2.32	9.49	s 2.05	.....	7.10
229	49 32	3.58	6.59	12.47	9.51	s 5.01	141.81	BARNESVILLE	22.88	D BDNWX XY	s 2.22	s 9.41	s 1.56	.....	6.55
		.....	.....	12.49Am	9.53	A 5.03Am	142.55	BARNESVILLE JCT.	21.34	LJFX	L 2.15Am	9.37	L 1.48Pm	.....	.....
		.....	.....	.....	10.01	.....	149.80	BAKER	14.89	BK DP	f 9.29	.....	.....	.....	6.40
		.....	.....	.....	10.10	.....	156.87	SABIN	3.02	SB DP	f 9.20	.....	.....	.....	6.28
		A 4.15Am	A 7.15Pm	.....	A 10.20Pm	.....	164.39	MOORHEAD JCT.	8.02	MJ DNLJR WX	.....	L 9.10Am	.....	.....	L 6.15Pm

AUTOMATIC BLOCK SIGNALS

TRAINS BETWEEN MOORHEAD JCT. AND FARGO JCT. BE GOVERNED BY MINOT DIVISION TIME TABLE.

5.00 32.8	6.45 24.3	2.47 51.1	3.10 51.9	4.26 32.1	Time Over Subdivision Average Speed Per Hour	3.17 43.3	3.10 51.9	4.04 35.1	6.50 24.0
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Westward trains are superior to eastward trains of the same class, except as follows:
No. 11 is superior to all trains: No. 12 is superior to all trains except No. 11.

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

WESTWARD

SECOND SUBDIVISION

EASTWARD 3

Station Numbers	Car Capacity		SECOND CLASS		FIRST CLASS			Distance from Fargo Jct.	Time Table No. 95 Effective March 1, 1953	STATIONS	Telegraph Calls	Distance from PA Tower	SIGNS	FIRST CLASS			SECOND CLASS
	Sidings	Other Tracks	405	443	11	3	9							12	4	10	406
			Daily	Daily	Daily	Daily	Daily							Streamliner	Daily	Daily	Daily	Daily

TRAINS BETWEEN FARGO JCT. AND MOORHEAD JCT. BE GOVERNED BY MINOT DIVISION TIME TABLE.

Station Numbers	Sidings	Other Tracks	Car Capacity	SECOND CLASS	FIRST CLASS	Distance from Fargo Jct.	Time Table No. 95	Telegraph Calls	Distance from PA Tower	SIGNS	FIRST CLASS	SECOND CLASS					
242				L 8.30Pm	L 4.45Am	L 10.31Pm	L 1.45Pm	L 6.23Am		FARGO JCT.	F	74.68	BDNJKOR WXYZ	A 8.59Am	A 4.25Pm	A 10.16Pm	A 3.00Pm
250	78	40		8.50	5.00	10.39	1.55	6.33	7.44	HARWOOD	WD	67.24	DP	8.51	4.16	10.07	2.43
256	50	84		9.05	5.10	10.45	2.02	6.42	13.03	ARGUSVILLE	SI	61.65	DP	8.45	4.09	9.58	2.28
263	108	50		9.20	5.22	10.53	2.11	6.52	19.87	GARDNER	GA	54.81	DP	8.37	4.01	9.48	2.11
269	50	44		9.38	5.33	11.00	2.19	7.01	26.16	GRANDIN	GN	48.52	DP	8.30	3.54	9.38	1.52
275		32		9.57	5.43	11.07	2.26	7.10	32.26	KELSO	CS	42.42	DP	8.23	3.48	9.28	1.40
281	210	162		10.10	5.59	11.16	2.36	7.21	38.00	HILLSBORO	HS	36.68	DNPW	8.16	3.40	9.18	1.25
289	78	36		10.25	6.12	11.25	2.46	7.32	45.83	CUMMINGS	MU	28.85	DP	8.04	3.29	9.03	1.04
295	50	49		10.37	6.21	11.31	2.53	7.42	51.88	BUXTON	BU	22.80	DP	7.58	3.22	8.52	12.52
300	77	58		10.47	6.29	11.36	2.59	7.53	58.78	REYNOLDS	RD	17.90	DP	7.53	3.17	8.42	12.42
307	110	77		11.00	6.40	11.44	3.08	8.03	68.95	THOMPSON	ON	10.78	DP	7.45	3.08	8.30	12.27
312		37		11.09	6.48	11.49	3.15	8.11	68.87	MERRIFIELD		5.81	P RDNIJ XY	7.40	3.02	8.20	12.17
317				A 11.20Pm	A 6.58Am	A 11.55Pm	A 3.24Pm	A 8.20Am	74.68	PA TOWER	PA			L 7.34Am	L 2.55Pm	L 8.10Pm	L 12.01Pm
				2.50	2.13	1.24	1.39	1.57		Time Over Subdivision				1.25	1.30	2.06	2.59
				26.8	33.8	53.4	45.3	38.8		Average Speed Per Hour				52.7	49.7	35.5	25.0

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

No. 11 is superior to all trains:

No. 12 is superior to all trains, except No. 11.

No. 3 Stops at any Station between Fargo and Grand Forks to pick up revenue passengers for points west of Williston where No. 3 is scheduled to stop.

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

WESTWARD

THIRD SUBDIVISION

EASTWARD

Station Numbers	Car Capacity		THIRD CLASS	SECOND CLASS	FIRST CLASS			Distance from Crookston Yard	Time Table No. 95 Effective March 1, 1953	STATIONS	Telegraph Calls	Distance from Grand Forks	SIGNS	FIRST CLASS			SECOND CLASS		
	Sidings	Other Tracks	(406)	(554)	29	35	7							30	36	8	(405)	(553)	332
			Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Sun.	Daily	Daily Ex. Sun.							Daily	Daily Ex. Sun.	Daily Ex. Sun.	Daily	Daily	Daily Ex. Sun.

A298	Yard	495		L 8.00Pm		L 2.25Pm				CROOKSTON YARD.	CA	37.13	BJNOPR WXY	A 12.14Am			A 8.05Am	
				8.07	L 12.58Pm	L 7.23Am	2.26	L 2.31Am	0.81	CROOKSTON JCT.		26.32	JPWX	A 11.43Am	L 12.12	A 12.22Am	8.03	A 2.33Pm
A299		163		A 8.10Pm	A 1.01Pm	A 7.25	A 2.30	A 2.33	1.98	CROOKSTON	C	25.15	BDNK ORXZ	L 11.41	L 12.09Am	L 12.19		
		62		L 7.55Am		L 7.37	L 2.35	L 2.42	3.55	NOYES JCT.		24.02	JPXY	A 11.36	A 11.35	A 12.06	L 8.00Am	L 2.30Pm
M5	49	38		8.05		7.40	2.38	A 2.44Am	7.00	HIXON		20.13	P	11.34	11.29	L 12.04Am	A 3.30Am	
M10	111	51		8.20		7.53	2.51		12.77	FISHER	FH	14.30	DP	11.22	11.13		3.08	
M18	50	18		8.35		8.03	3.01		20.20	MALLORY	RY	6.93	DP	11.13	11.01		2.53	
M24	Yard	538		8.50		8.13	3.10		26.34	EAST GRAND FORKS	EA	0.79	X	11.05	10.51		2.40	
320	Yard	3370		A 9.00Am		A 8.20Am	A 3.15Pm		27.13	GRAND FORKS	GF		BDNK ORWYZ	L 11.00Am	L 10.45Pm		L 2.30Am	
				1.05	.10	.03	.57	.50		Time Over Subdivision				.43	1.29	.18	1.00	.05
				22.1	11.8	23.4	30.3	32.5	10.6	Average Speed Per Hour				36.7	18.3	7.6	24.0	28.7

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

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

4 WESTWARD

FOURTH SUBDIVISION

Station Numbers	Car Capacity		SECOND CLASS							FIRST CLASS					Distance from Grand Forks	Time Table No. 95 Effective March 1, 1953	Telegraph Calls	
	Siding	Other Tracks	413	351	(354)	(810)	321	303	205	307	(10)	3	(4)	9				(12)
			Daily	Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Sun.	Daily	Daily	Daily	Daily				Daily Streamliner
820	Yard	3370								L 9.20Am	L 7.55Pm	L 3.40Pm	L 2.40Pm	L 8.45Am	L 7.30Am	.....	GRAND FORKS... 1.90	GF
817			L 5.20Pm							A 9.30Am	A 8.10Pm	3.55	A 2.55Pm	8.59	A 7.34Am	2.59	UNIVERSITY... 0.69	PA
826		22												f 9.04		6.71	PA TOWER... 4.12	
830		79	5.45											9.09		11.06	POWELL... 4.35	
835		79	5.57											s 9.16		18.70	OJATA... 4.64	DO
841		78	6.10											s 9.26		21.78	EMERADO... 6.03	RF
847	Yard	709	6.45						L 10.20Am			4.24		s 9.40		27.76	ARVILLA... 6.03	KI
854		71	7.05						A 10.25Am					f 9.51		30.14	LARIMORE... 2.38	
861		100	7.25											s 10.03		34.93	HANNAH JCT... 4.79	
867		71	7.42											s 10.14		41.66	SHAWNEE... 6.73	NA
873		100	7.58											s 10.24		47.96	NIAGARA... 6.30	BE
878		72	8.10											s 10.32		53.72	PETERSBURG... 5.78	HI
883		71	8.35						L 12.30Pm					s 10.48		58.41	MICHIGAN... 4.89	MA
887		70	8.50						A 12.32Pm					f 11.21		64.12	MAPES... 5.71	B
893		72	9.05											s 10.57		64.45	LAKOTA... 0.33	
897		74	9.20											s 11.05		68.19	SARLES JCT... 3.74	BA
403		70	9.35											s 11.13		73.09	BARTLETT... 4.90	DY
408	Yard	702	A 9.50 L 11.10						L 12.58Pm					f 11.21		77.90	DOYON... 4.81	CY
415		78	11.35											s 11.29		83.51	CRARY... 5.61	
421		76	11.47											L 11.53		88.72	KEITH... 5.21	WS
427		115	11.59											L 5.38 L 5.45		92.92	DEVILS LAKE... 4.20	
434		70	12.15Am											A 11.29		95.82	M.S.P. & S.S.M. R.R. Co. 2.90	
438		70	12.25											L 11.53		101.70	GRAND HARBOR... 5.83	PN
445		81	12.45											f 12.02Pm		107.67	FENN... 4.97	FY
451		56	1.01											s 12.12		114.83	CHURCH FERRY... 5.82	
456		70	1.13											s 12.24		119.09	PLEASANT LAKE... 5.82	A
465		124	1.50											s 1.02		125.41	NILES... 7.15	
471		70	2.08											s 1.12		131.41	LEDS... 1.27	JD
477		71	2.20											s 1.25		136.98	YORK... 6.32	XN
484		69	2.35											s 1.40Pm		141.96	KNOX... 6.09	OX
493		70	2.52											s 1.50		145.96	PLEASANT LAKE... 5.82	RU
504		70	3.15											s 2.00		151.18	RUGBY... 8.03	UN
512		71	3.30											s 2.11		157.47	TUNBRIDGE... 6.29	BK
519		70	3.44											s 2.35		164.94	BERWICK... 7.47	OW
			A 3.45Am											s 2.46		173.85	TOWNER... 7.47	
														s 3.02		181.80	DENBIGH... 12.15	
														s 3.12		192.86	GRANVILLE... 6.86	J
														s 3.23		199.89	NORWICH... 7.23	CH
														s 3.24Pm		200.00	SURREY... 1.11	SR
														A 8.05Pm			M. D. JCT... 1.11	
			10.25 19.2	.30 37.9	.30 41.1	.46 18.5	.42 27.0	.02 10.0	.05 28.5	.10 18.5	.15 10.0	4.25 46.0	.18 10.0	6.39 30.3	.04 28.8		Time Over Subdivision Average Speed Per Hour	

AUTOMATIC BLOCK SIGNALS

Westward trains are superior to eastward trains of the same class, except as follows: No. 153 is superior to all trains; No. 151 is superior to all trains except No. 153.

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

FOURTH SUBDIVISION

EASTWARD 5

Time Table
No. 95
Effective
March 1, 1953
STATIONS

Distance from
M. D. Junction

SIGNS	FIRST CLASS					SECOND CLASS							
	(9)	4	10	(8)	(11)	352	(309)	322	304	(353)	206	308	414
	144	4	10	142	152 <small>Streamliner</small>	352	320	322	304	350	206	308	414
	Daily	Daily	Daily	Daily	Daily	Daily Ex. Mon.	Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Sun.	Daily

GRAND FORKS 1.90	200.00	BDNK ORWXZ	A 8.25Am	A 2.30Pm	A 7.25Pm	A 3.30Pm	A 1.59Pm							A 7.05Pm	
UNIVERSITY 0.69	198.10	P													
PA TOWER 4.12	197.41	RDNIJXY	L 8.20Am	2.25	7.20	L 3.24Pm	L 1.55Pm							L 6.55Pm	A 1.55Am
POWELL 4.85	198.29	P			f 7.15										
OJATA 4.64	188.94	P			2.16	7.10									1.35
EMERADO 6.03	184.80	DP			s 7.04										1.20
ARVILLA 6.03	178.27	DP			s 6.55										1.05
LARIMORE 2.88	172.24	BDNJKO PRWXY			s 6.45							A 6.10Pm			12.45
HANNAH JCT. 4.79	169.86	JPX			6.34							L 6.03Pm			
SHAWNEE 6.73	165.07	P			f 6.27										12.05Am
NIAGARA 6.80	158.39	DPW			s 6.17										11.45
PETERSBURG 5.76	152.04	DP			s 6.07										11.25
MICHIGAN 4.69	146.28	DPW			s 5.57										11.10
MAPES 5.71	141.59	DP			s 5.48										10.50
LAKOTA 0.83	135.88	DNPRX			s 5.39					A 10.20Am					10.30
SARLES JCT. 3.74	135.55	JXYP								L 10.18Am					
BARTLETT 4.90	131.81	DP			s 5.28										10.01
DOYON 4.81	126.91	DPW			s 5.20										9.40
CRARY 5.61	122.10	DP			s 5.10										9.20
KEITH 5.21	118.49	P			f 5.00										9.05
DEVILS LAKE 4.20	111.28	BDNJKO PRWXYZ	L 12.48	A 12.45	L 4.52	A 4.44				A 10.35Am					L 8.45
M.S.P.&S.M.R.R.C. 2.90	107.08	I													A 7.30
GRAND HARBOR 5.88	104.18	P			f 4.35					f 10.21					7.10
PENN. 5.97	98.30	DP			s 4.26					s 10.10					6.55
CHURCHES FERRY 7.15	92.33	BDJPR WXY			s 4.16					L 9.59Am					6.40
NILES 4.27	85.18	P			f 4.06										6.17
LEEDS 6.82	80.91	DPW			s 3.59										5.55
YORK 6.00	74.59	BDJPR WXY			s 3.48					A 12.35Pm					5.40
KNOX 5.62	68.59	DP			s 3.35					12.25					5.25
PLEASANT LAKE 9.03	63.07	DP			s 3.25					12.18					5.10
RUGBY 5.22	54.04	BDJNK OPRWXY			s 3.12			A 4.05Am				L 12.05Pm			4.50
TUNBRIDGE 6.29	48.82	DP			s 2.56			3.55							4.15
BERWICK 7.47	42.53	DP			s 2.46			3.46							4.01
TOWNER 8.71	35.06	BDJFP RWXY			s 2.35			L 3.35Am							3.45
DENBIGH 12.15	26.35	P			f 2.19										3.25
GRANVILLE 6.88	14.20	BDJF RWXY			s 2.05			A 6.50Am							3.02
NORWICH 7.33	7.24	DP			s 1.55			6.35							2.35
SURREY 11	.11	DNR			s 1.45			6.20							2.21
M. D. JCT.		IJ	L 10.34Am	L 1.44Pm				L 6.19Am							L 2.20Pm

AUTOMATIC BLOCK SIGNALS

Time Over Subdivision
Average Speed Per Hour

.05	3.58	5.41	.06	.04	.30	.31	.36	.02	.30	.07	.10	11.35
31.1	50.8	35.3	26.0	38.8	37.9	27.5	31.8	10.0	41.1	20.4	15.5	18.9

Westward trains are superior to eastward trains of the same class, except as follows:
No. 152 is superior to all trains; No. 151 is superior to all trains except No. 152.

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

6 WESTWARD

FIFTH SUBDIVISION

EASTWARD

Station Numbers	Car Capacity		SECOND CLASS				Distance from Fergus Falls	Time Table No. 95		Telegraph Calls	SIGNS	SECOND CLASS			
	Other Tracks					301		Effective March 1, 1953				302			
						Daily Ex. Sunday		STATIONS			Daily Ex. Sunday				
187						L 11.30Am		.....FERGUS FALLS.....	GS	BDN RWX	A 8.40Am			
TRAINS BETWEEN PELICAN JCT. AND FERGUS FALLS BE GOVERNED BY FIRST SUBDIVISION SCHEDULES.															
						A 11.32Am	0.67 0.73	.....PELICAN JCT. .....WEST N. P. RY. JCT.....		IJ	L 8.37Am			
TRAINS BETWEEN EAST N. P. RY. JCT. AND WEST N. P. RY. JCT. BE GOVERNED BY NORTHERN PACIFIC TIME TABLE.															
L-8	8					L 11.33Am	0.94	.....EAST N. P. RY. JCT.....			A 8.35Am			
L-16	25					s 11.51	8.81	.....ELIZABETH.....			s 8.10			
L-21	59					s 12.13Pm	16.35	.....ERWARD.....	RH	D	s 7.48			
						A 12.35Pm	22.35	.....PELICAN RAPIDS.....	P	BDRW	L 7.30Am			
						1.05 20.6		Time Over Subdivision Average Speed Per Hour			1.10 19.2				

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

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

WESTWARD

SIXTH SUBDIVISION

EASTWARD

Station Numbers	Car Capacity		THIRD CLASS		FIRST CLASS		Distance from Nolan	Time Table No. 95		Telegraph Calls	Distance from Devils Lake	SIGNS	FIRST CLASS		THIRD CLASS	
	Sidings	Other Tracks	601		209			Effective March 1, 1953					210		602		Daily Ex. Sunday	Mon., Wed. and Fri.
			Sun., Tues. and Thur.		Daily Ex. Sunday		STATIONS						Daily Ex. Sunday	Mon., Wed. and Fri.		
FS41					L 8.15Am		.....NOLAN.....	W	101.88	DNIJ RW	A 7.30Pm				
T16	Yard	201	L 10.20Am		s 8.35	1.58	.....PAGE.....	GE	99.85	BDPRXY	s 7.25		A 5.15Pm		
T23		34	10.55		s 8.55	8.65	.....COLGATE.....	CG	92.78	DP	s 7.05		4.55		
T29		75	11.20		s 9.25	14.92	.....HOPE.....	HO	86.46	DP	s 6.48		4.20		
T36		37	11.40		s 9.42	21.26	.....SLABON.....	BN	80.12	DP	s 6.28		3.55		
T39		33	11.50		t 9.48	24.18	.....PICKERT.....		77.20	P	t 6.19		3.30		
						26.78	.....WATER TANK.....		74.60	W					
T44		41	12.25Pm		s 10.12	29.25	.....FINLEY.....	FN	72.18	DP	s 6.08		3.05		
T50		38	12.45		s 10.40	35.75	.....SHARON.....	QN	65.63	DP	s 5.49		2.30		
T57	47	73	1.20		s 11.05	42.81	.....ANETA.....	NE	58.57	DP	s 5.30		1.45		
T62		30	1.35		s 11.20	47.79	.....KLOTEN.....	KN	58.59	DP	s 5.08		1.05		
T68		45	2.00		s 11.43	53.73	.....McVILLE.....	VI	47.65	DP	s 4.50		12.45Pm		
T75		39	2.20		s 11.58	61.05	.....PEKIN.....	K	40.33	DP	s 4.32		11.58		
T81		40	2.40		s 12.20Pm	66.81	.....TOLNA.....	N	34.57	DP	s 4.15		11.30		
T88		31	2.57		s 12.38	73.17	.....HAMAR.....	HM	28.21	DP	s 3.58		11.00		
T94		51	3.43		s 12.57	79.56	.....WARWICK.....	WA	21.82	DPW	s 3.43		10.30		
T101		44	4.05		s 1.15	86.84	.....TOKIO.....	KY	14.54	DP	s 3.25		9.50		
T110		30	4.35		s 1.36	96.10	.....FORT TOTTON.....	NR	5.28	DP	s 3.05		9.25		
408	Yard	702	A 4.55Pm		A 1.50Pm	101.88	.....DEVILS LAKE.....	WS		BDNJKO FRWYZ	L 2.50Pm		L 9.00Am		
			6.35 18.1		5.35 18.1		Time Over Subdivision Average Speed Per Hour				4.40 21.7		8.15 12.1			

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

Delores Mission Spur is a flag stop for trains 209, 210, 601 and 602.

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

WESTWARD

SEVENTH SUBDIVISION

EASTWARD 7

Station Numbers	Car Capacity		SECOND CLASS				Distance from Vance	Time Table No. 95			Telegraph Calls	Distance from Larimore	SIGNS	SECOND CLASS			
	Siding	Other Tracks				341		Effective March 1, 1953						342			
						Daily Ex. Sun.		STATIONS						Daily Ex. Sun.			
R823	09					L 7.45Am					66.07	JPYR	A	8.05Pm			
R70		37				s 8.10	4.98			AU	61.14	DP	s	7.50			
R76		34				s 8.40	10.96			UN	55.11	DP	s	7.20			
R82		30				f 9.01	16.74				49.33		f	6.40			
R85		28				f 9.10	19.47				46.60		f	6.32			
R87		42				s 9.25	21.64			CD	44.43	DP	s	6.25			
R93		24				f 9.45	27.98				38.09	P	f	6.01			
R99		204				s 10.35	33.52			MV	32.55	DPW	s	5.40			
R103		19				s 10.50	38.48				27.59	JPY	s	4.50			
R110		171				s 11.30	45.00			HT	21.07	DP	s	4.30			
R118		168				s 12.15Pm	53.49			ND	12.58	DP	s	3.40			
R125		44				s 12.40	59.76			MT	6.81	DP	s	2.55			
847	Yard	709				A 12.55Pm	66.07			KI		BDNJKO PRWXY	L	2.30Pm			
						5.10 12.3								5.35 11.8			
Time Over Subdivision Average Speed Per Hour																	

Westward trains are superior to eastward trains of the same class.
SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

WESTWARD

EIGHTH SUBDIVISION

EASTWARD

Station Numbers	Car Capacity		SECOND CLASS				Distance from Erie Jct.	Time Table No. 95			Telegraph Calls	Distance from Portland Jct.	SIGNS	SECOND CLASS			
	Siding	Other Tracks				343		Effective March 1, 1953						344			
						Mon., Wed., Thurs. and Sat.		STATIONS						Mon., Wed., Thurs. and Sat.			
816						L 8.45Pm					32.86	JPR	A	12.55Am			
820		27				s 8.55	1.68				31.23		s	12.50			
831		35				s 9.25	12.37				20.49		s	12.15Am			
836		20				s 9.45	17.79				15.07		s	11.50			
842		13				s 10.05	24.09				8.77		s	11.30			
847	24	40				s 10.30	28.34			RA	4.52	D	s	11.15			
R103		19				A 10.45Pm	32.86					JPY	L	10.55Pm			
						2.00 16.4								2.00 16.4			
Time Over Subdivision Average Speed Per Hour																	

Westward trains are superior to eastward trains of the same class.
SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

8 WESTWARD

NINTH SUBDIVISION

EASTWARD

Station Numbers	Car Capacity	THIRD CLASS					SECOND CLASS		FIRST CLASS		Distance from Barnesville Jct.	Time Table No. 95			Telegraph Calls	Distance from Noyes	SIGNS	FIRST CLASS		SECOND CLASS	THIRD CLASS			
		547	331	405	29	7	30	8	332	406		548	Effective March 1, 1953	STATIONS				Daily	Daily	Daily Ex. Sunday	Daily Ex. Sunday	Daily Ex. Sunday	Daily Ex. Sunday	Tues., Thur. and Sat.
A285	89	L 6.00Am			L 5.03Am	L 12.49Am				6.72	BARNESVILLE JCT.	172.08	LJX	A 1.48Pm	A 2.15Am						A 3.30Pm			
A281	14	6.45			f 5.13	12.57				5.46	DOWNER	165.88	DO	DP	s 1.38	2.05				3.00				
A285	41	7.01								4.21	CRAWFORD	159.90								2.30				
A285	81	7.45			s 5.33	s 1.11				16.89	N. P. Ry. Crossing	155.69	ND	DNI	s 1.21	s 1.48				2.15				
A282	88	8.10			f 5.44	1.20				28.07	GLYNDON	149.01	A	P	f 1.11	1.39				1.45				
A280	29	8.45			s 5.56	1.29				30.91	FELTON	141.17	FN	DP	s 12.59	1.29				1.20				
A285	48	9.15			s 6.07	1.37				38.91	BORUP	134.07	BO	DP	s 12.48	1.17				12.58				
A280	11	9.30			f 6.12					41.21	WHEATVILLE	130.87			f 12.42					12.20				
A285	48	10.45			s 6.27	s 1.49				46.24	ADA	125.84	J	DNPW	s 12.35	s 1.06				12.01Pm				
A271	81	11.05			f 6.36					51.26	HADLER	120.83		P	f 12.24					11.00				
A275	87	11.35			s 6.45	2.02				56.09	LOCKHART	115.99	K	DP	s 12.17	12.52				10.35				
A282	52	12.07Pm			s 6.56	2.11				68.26	BELTRAMI	108.82	DA	P	s 12.07Pm	12.43				10.00				
A288	24	12.45			f 7.06	2.18				69.24	GREENVIEW	102.84		P	f 11.58	12.36				9.35				
		1.10			L 12.55Pm	2.29				78.49	M. N. JCT.	98.59		JX	11.45	12.24				9.05				
A288	Yard 495	A 1.15Pm								79.04	CROOKSTON YARD	98.61	CA	BJNOP						L 9.00Am				
		A 12.58Pm			A 7.23Am	A 2.31Am				79.28	CROOKSTON JCT.	92.80		JPWX	L 11.43Am	L 12.22Am	L 2.33Pm							

TRAINS BETWEEN CROOKSTON YARD AND NOYES JCT. WILL BE GOVERNED BY THIRD SUBDIVISION SCHEDULES.

	62				L 4.01Am	L 2.44Am	82.06			2.80	NOYES JCT.	90.00	JPHY		A 12.04Am				A 7.40Am
A286	25				4.20	f 2.51	88.51			1.43	N. P. RY. CROSSING	88.57	I						
							87.07			8.56	SHIRLEY	85.01	P		f 11.58				7.15
							91.58			4.51	N. P. RY. CROSSING	80.50	I						
A218	34				4.40	s 3.01	94.33			2.75	EUCLID	77.76	CD	DP	s 11.48				6.45
A231	60				5.01	s 3.12	102.47			8.14	ANGUS	69.61	GU	P	s 11.37				6.10
A229	80				406 5.30	s 3.32	110.95			8.48	M. St. P. & S. S. M. R. R. Cross.	61.18	W	DNI	s 11.25				406 5.30
A289	58				6.05	s 3.48	120.76			9.81	WARREN	61.32	AG	DPW	s 11.11				4.40
A248	102				6.35	s 4.04	129.21			8.45	ARGYLE	42.87	NE	DP	s 10.59				4.04
A266	87				7.05	s 4.19	137.74			8.53	DONALDSON	34.34	AN	DP	s 10.47				3.15
A261	46				7.30	s 4.29	142.55			4.81	KENNEDY	29.53	KY	P	s 10.39				2.45
A270	56				8.10	s 4.48	151.81			9.26	HALLOCK	20.27	KA	DPW	s 10.27				2.10
A276	40				8.30	s 4.58	157.37			5.56	NORTHCOTE	14.71	NC	P	s 10.16				1.25
A282	34				8.50	s 5.09	164.08			6.86	HUMBOLDT	8.05	HU	P	s 10.06				1.01
A290	24				9.10	s 5.19	169.87			5.54	ST. VINCENT	3.51	SY	DPXY	s 9.57				12.40
A291	Yard 78				A 9.25Am	A 5.25Am	172.08			2.51	NOYES		NY	BDNJK OPRX	L 9.53Pm				L 12.30Am
		7.15	0.3	5.24	2.20	4.36				Time Over Subdivision				2.05	4.22	0.3	7.10	6.80	
		10.9	26.8	16.6	33.9	37.4				Average Speed Per Hour				39.6	39.4	26.8	12.5	12.1	

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

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

WESTWARD				TENTH SUBDIVISION				EASTWARD			
Station Numbers	Car Capacity		SECOND CLASS	Distance from Moorhead	Time Table No. 95 Effective March 1, 1953	Telegraph Calls	Distance from M. N. Jct.	SIGNS	SECOND CLASS	Daily Ex. Sunday	
	Sidings	Other Tracks	331						332		
STATIONS											
			L 7.10Am		MOORHEAD		65.96	DNJ RWX	A 8.01Pm		
P 54	80		s 7.55	8.08	8.08 KRAIGES	GS	57.98	D	s 7.35		
P 61	70		s 8.35	14.86	6.83 GEORGETOWN	WN	51.10	D	s 7.05		
P 68	29		s 9.05	21.50	6.64 PERLEY	PY	44.48	D	s 6.35		
P 74	54		s 9.35	27.49	5.99 HENDRUM	RH	38.47	D	s 6.01		
				29.19	1.70 WATER TANK		36.77	W			
P 80	114		s 10.20	33.61	4.42 HALSTAD	SD	32.35	D	s 5.30		
P 87	43		s 10.55	41.15	7.54 SHELLY	S	24.81	D	s 4.50		
P 92	104		s 11.25	46.92	4.77 NIELSVILLE	NS	20.04	D	s 4.20		
P 97	88		s 12.01Pm	51.47	5.55 CLIMAX	CX	14.49	D	s 3.45		
P108	58		s 12.30	57.37	5.90 ELDRED	RD	8.59	D	s 3.10		
P109	15		f 12.50	63.29	5.92 GIRARD		2.87		f 2.45		
			A 12.55Pm	65.96	2.67 M. N. JCT			JX	L 2.36Pm		
			5.45 11.4		Time Over Subdivision Average Speed Per Hour				5.25 12.1		

Westward trains are superior to eastward trains of the same class.
SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

WESTWARD				ELEVENTH SUBDIVISION				EASTWARD			
Station Numbers	Car Capacity		THIRD CLASS	Distance from Red Lake Falls Jct.	Time Table No. 95 Effective March 1, 1953	Telegraph Calls	Distance from Warroad	SIGNS	THIRD CLASS	Daily Ex. Sunday	
	Sidings	Other Tracks	553						554		
STATIONS											
Y 17			L 9.05Am		TILDEN JCT	ON	115.80	DNIJR	A 7.15Pm		
TRAINS BETWEEN TILDEN JCT. AND RED LAKE FALLS JCT. WILL BE GOVERNED BY NORTHERN PACIFIC TIME TABLE.											
			L 9.30Am		10.90 RED LAKE FALLS JCT		104.40	JR	A 6.50Pm		
N 18	88		s 10.05	2.10	2.10 RED LAKE FALLS	FA	102.80	DW	s 6.45		
N 28	20		s 10.45	12.35	10.25 ST. HILAIRE	JO	92.05	D	s 6.01		
N 81	117		s 12.45Pm	20.04	7.20 THIEF RIVER FALLS	VR	85.84	DRWXY	s 5.30		
				22.66	8.11 M. ST. P. & S. S. W. R. R. CROSSING		81.74				
N 36	14		f 1.05	26.49	8.53 STEINER		77.91		f 3.15		
N 41	35		s 1.35	31.90	8.41 HOLT	GR	72.50	D	s 2.55		
N 51	46		s 2.20	41.86	9.96 MIDDLE RIVER	MD	62.54	D	s 2.20		
N 59	23		s 2.50	50.27	8.41 STRATHCONA		54.13		s 1.30		
				60.58	10.26 GREENBUSH	GB	48.87	DW	s 12.55Pm		
N 70	65		s 3.50	60.58	9.48 BADGER	BA	34.89	D	s 11.55		
N 79	51		s 4.30	70.01	6.84 FOX		37.55		s 11.10		
N 86	16		s 4.55	78.85	6.16 ROSEAU	RU	31.89	D	s 10.45		
N 92	06		s 6.01	88.01	9.10 SALOL	SA	12.29		s 9.30		
N101	15		s 6.30	92.11							
				103.80	11.69 C. N. RY. CROSSING		0.60	I BDR WXY			
N114	Yard 138		A 7.00Pm	104.40	0.60 WARROAD	WD			L 9.00Am		
			9.55 11.6		Time Over Subdivision Average Speed Per Hour				10.15 11.2		

Westward trains are superior to eastward trains of the same class.
SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

10 WESTWARD

TWELFTH SUBDIVISION

EASTWARD

Station Numbers	Car Capacity		THIRD CLASS		SECOND CLASS		Distance from PA Tower	Time Table No. 95 Effective March 1, 1953		Telegraph Calls	Distance from Gretna	SIGNS	SECOND CLASS		THIRD CLASS	
	Sidings	Other Tracks	543	139	307	140		308	544				140	308	544	Daily Ex. Sunday	Daily Ex. Sunday	Tues. Thur. and Sat.
			Mon., Wed. and Fri.	Daily Ex. Sunday	Daily Ex. Sunday		STATIONS						Daily Ex. Sunday	Daily Ex. Sunday	Tues. Thur. and Sat.	
317			L 5.10 ^{Am}		L 9.30 ^{Am}	1.30	PA TOWER.....		PA	80.77	RDNIJXY		A 6.55 ^{Pm}	A 2.55 ^{Pm}		
							1.80 N. P. RY. CROSSING.....			79.47	P					
O-12	74		6.00		s 10.03	11.82	10.52 MANVEL.....		MV	68.95	DP		s 6.30	2.05		
O-24	79	44	6.40		s 10.34	23.88	12.06 ARDUCH.....		HN	56.89	DP		s 5.58	1.15		
						23.90	0.02 M. ST. P. & S. S. M. R. R. CROSSING.....			56.87	I					
O-80		98	7.30		s 10.50	30.02	6.12 MINTO.....		MT	50.75	DP		s 5.38	12.40		
O-85		40	7.45		f 11.02	34.62	4.60 HERRIOTT.....			46.15	P		f 5.22	12.01 ^{Pm}		
						38.21	3.59 N. P. RY. CROSSING.....			42.56						
O-89	87	184	A 8.15 ^{Am}	L 11.41 ^{Am}	s 11.51	38.90	0.69 GRAFTON.....		FN	41.87	BDP RWX	A 4.40 ^{Pm}	s 5.10	L 11.41 ^{Am}		
		37		A 11.44 ^{Am}	11.35	39.64	0.74 GRAFTON JCT.....			41.13	JPXY	L 4.35 ^{Pm}	L 4.45			
O-46		85			s 11.55	45.39	5.75 AUBURN.....		AU	35.88	DP		s 4.20			
O-53		147			s 12.10 ^{Pm}	53.03	7.62 ST. THOMAS.....		MS	27.74	DP		s 3.58			
O-59		86			s 12.31	59.09	6.06 GLASSTON.....		NA	21.68	P		s 3.33			
O-66		67			s 12.55	66.04	6.95 HAMILTON.....		H	14.73	DP		s 3.13			
O-71		51			s 1.15	71.17	6.12 BATHGATE.....		VD	9.60	DP		s 2.48			
O-79	Yard	157			s 1.40	79.03	7.86 NECHE.....		CH	1.74	DPRWX		s 2.25			
					A 1.50 ^{Pm}	80.77	1.74 GRETTA.....		N		DJPRY		L 2.00 ^{Pm}			
			8.05 12.6	.03 14.8	4.30 18.6		Time Over Subdivision Average Speed Per Hour					.05 8.9	4.55 16.4	3.14 12.0		

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

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

WESTWARD

THIRTEENTH SUBDIVISION

EASTWARD

Station Numbers	Car Capacity		THIRD CLASS		SECOND CLASS		Distance from Grafton Jct.	Time Table No. 95 Effective March 1, 1953		Telegraph Calls	Distance from Walhalla	SIGNS	SECOND CLASS		THIRD CLASS	
	Sidings	Other Tracks	543	139	140	544		Daily Ex. Sunday	Daily Ex. Sunday				Tues. Thur. and Sat.			
			Mon., Wed. and Fri.	Daily Ex. Sunday			STATIONS						Daily Ex. Sunday	Daily Ex. Sunday	Tues. Thur. and Sat.	
	76		L 10.00 ^{Am}		L 11.44 ^{Am}		GRAFTON JCT.....			47.59	JPXY	A 4.35 ^{Pm}		A 10.55 ^{Am}		
OA-7		191	10.20		s 11.57	5.73	5.73 NASH.....		NA	41.86	D	s 4.21		10.20		
OA-14	66	104	10.50		s 12.19 ^{Pm}	12.92	7.19 HOOPLE.....		HO	34.67	D	s 4.05		9.50		
OA-18		133	11.25		s 12.31	17.56	4.64 CRYSTAL.....		CT	30.08	D	s 3.51		9.20		
OA-24		45	11.55		s 12.49	23.85	6.29 HENSEL.....		CA	23.74	D	s 3.35		8.50		
OA-32		117	12.40 ^{Pm}		s 1.19	31.47	7.62 CAVALIER.....		CV	16.12	DW	s 3.15		8.20		
OA-37		85	1.00		s 1.34	36.44	4.97 BACKOO.....		BO	11.15	D	s 2.55		7.40		
OA-43		85	1.20		f 1.48	41.88	5.44 LEYDEN.....			5.71		s 2.39		7.20		
OA-48	Yard	190	A 1.45 ^{Pm}	A 2.05 ^{Pm}	A 2.05 ^{Pm}	47.59	5.71 WALHALLA.....		WA		DOR WXY	L 2.25 ^{Pm}	L 2.25 ^{Pm}	L 7.00 ^{Am}		
			3.45 12.3	2.21 20.2			Time Over Subdivision Average Speed Per Hour					2.10 22.0	3.55 12.1			

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

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

WESTWARD

FOURTEENTH SUBDIVISION

EASTWARD 11

Station Numbers	Car Capacity		THIRD CLASS		FIRST CLASS		Distance from Hannah Jct.	Time Table No. 95			Distance from Hannah	SIGNS	FIRST CLASS		THIRD CLASS	
	Sidings	Other Tracks	641		205			Effective March 1, 1953					206		642	
			Mon. Wed. and Fri.		Daily Ex. Sun.			STATIONS					Daily Ex. Sun.		Tues. Thur. and Sat.	
R-139	29		L 5.40 ^{am}		L 10.25 ^{am}		5.84	HANNAH JCT.	94.77	JPX	A 5.55 ^{pm}		A 3.00 ^{pm}			
R-146	29		6.05		s 10.38		5.84	5.84 McCANNA	MC	88.98	D	s 5.46		2.30		
R-150	52		6.30		s 10.52		12.40	6.06 6.06 ORR	OR	82.87	D	s 5.35		2.00		
R-156	26		6.55		s 11.03		16.63	4.23 4.23 INKSTER	NS	78.14	D	s 5.27		1.30		
R-161	44		7.20		s 11.19		23.18	6.55 6.55 CONWAY	WY	71.59	I	s 5.15		12.55		
R-168	80	145	7.50		s 11.32		28.16	M. St. P. & S. S. M. R. R. Crossing	P	66.61	D	s 5.05		12.32 ^{pm}		
R-173	25		8.30		s 11.57		34.82	4.98 4.98 PISEK	K	60.45	DWY	s 4.53		11.57 ^{pm}		
R-177	98		8.55		f 12.08 ^{pm}		39.75	6.16 6.16 PARK RIVER		55.02		f 4.43		10.59		
R-183	80	80	9.25		s 12.20		43.62	5.43 5.43 KERRY	BU	51.15	D	s 4.36		10.45		
R-189	41		9.55		s 12.37		49.90	5.37 5.37 EDINBURG	U	44.87	D	s 4.24		10.15		
R-195	54		10.35		s 12.55		56.19	6.28 6.28 UNION	MN	38.58	D	s 4.12		9.50		
R-201	80		11.05		s 1.10		61.97	6.29 6.29 MILTON	NB	32.80	D	s 3.58		9.25		
R-207	87	89	11.30		s 1.23		67.50	5.78 5.78 OSNABROCK		27.37		s 3.43		9.00		
R-214	85		12.05 ^{pm}		s 1.48		73.68	5.53 5.53 EASBY	DN	21.09	DW	s 3.30		8.40		
R-221	43		12.30		s 2.04		80.71	6.18 6.18 LANGDON	RS	14.06	D	s 3.15		7.50		
R-228	85		12.55		s 2.20		88.07	7.03 7.03 DRESDEN	W	6.70	D	s 3.00		7.25		
			A 1.20 ^{pm}		A 2.35 ^{pm}		94.77	7.26 7.26 WALES	HN		DOR XY	L 2.45 ^{pm}		L 7.00 ^{am}		
			7.40 12.8		4.10 22.7			6.70 6.70 HANNAH				8.10 29.9		8.00 11.9		
Time Over Subdivision Average Speed Per Hour																

Westward trains are superior to eastward trains of the same class.
SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

12 WESTWARD

FIFTEENTH SUBDIVISION

EASTWARD

Station Numbers	Car Capacity		SECOND CLASS		Distance from Lakota	Time Table No. 95		Telegraph Calls	Distance from Sartre	SIGNS	SECOND CLASS	
	Siding	Other Tracks				Effective March 1, 1953					304	
						303							Daily Ex. Sun.
STATIONS												
					L 12.32Pm	0.32	SARLES JCT.....		72.37	JXYP	A 10.18Am	
						8.61	M. St. P. & S. M. R. R. Crossing		64.08			
VA-12	35				s 1.15	12.40	BROCKET.....	KO	60.20	D	s 9.45	
VA-18	35				s 1.40	18.66	LAWTON.....	ON	54.03	D	s 9.15	
VA-27	42				s 2.30	27.19	EDMORE.....	RD	45.50	DW	s 8.40	
VA-34	26				s 2.52	33.88	DERRICK.....	RC	38.81		s 7.40	
VA-40	44				s 3.20	40.05	HAMPDEN.....	DN	32.64	D	s 7.15	
VA-45	16				s 3.37	44.85	WEAVER.....		27.84		s 6.45	
						48.58	M. St. P. & S. M. R. R. Crossing		24.16			
VA-53	44				s 4.10	53.44	MUNICH.....	MN	20.25	DW	s 6.20	
VA-60	34				s 4.40	59.88	CLYDE.....	CD	12.81	D	s 5.50	
VA-66	36				s 5.05	65.83	CALVIN.....	VN	6.87	D	s 5.25	
VA-73	78				A 5.30Pm	72.00	SARLES.....	SA		DORXY	L 5.01Am	
					4.58		Time Over Subdivision				5.17	
					14.6		Average Speed Per Hour				13.7	

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SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

WESTWARD

SIXTEENTH SUBDIVISION

EASTWARD

Station Numbers	Car Capacity		SECOND CLASS		Distance from Church's Ferry	Time Table No. 95		Telegraph Calls	Distance from St. John	SIGNS	SECOND CLASS	
	Siding	Other Tracks				Effective March 1, 1953					322	
						321							Daily Ex. Sun.
STATIONS												
437					L 1.40Pm		CHURCHS FERRY.....	FY	54.83	BDJPR WXY	A 9.55Am	
X7	25				s 1.58	7.37	MAZA.....	Z	47.46		s 9.35	
X15	173				s 2.40	15.38	CANDO.....	CN	39.45	D	s 9.05	
X22	35				s 2.57	21.67	CONSIDINE.....		33.16		s 8.15	
X28	35				s 3.25	27.84	M. St. P. & S. M. R. R. Crossing. BISBEE.....	BS	26.90	D	s 7.58	
X35	35				s 3.45	35.16	PERTH.....	RH	19.67	D	s 7.32	
X41	26				s 3.59	41.06	GRONNA.....		13.77		s 7.12	
X48	36				s 4.50	47.41	ROLLA.....	RO	7.42	DW	s 6.55	
X55	Yard	69			A 5.10Pm	54.83	ST. JOHN.....	SJ		DRXY	L 6.30Am	
					3.30		Time Over Subdivision				3.25	
					15.6		Average Speed Per Hour				16.0	

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SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

WESTWARD

SEVENTEENTH SUBDIVISION

EASTWARD 13

Station Numbers	Car Capacity		SECOND CLASS				Distance from York	Time Table No. 95			Distance from Dunseith	SIGNS	SECOND CLASS				
	Sidings	Other Tracks				353		Effective March 1, 1953					354				
						Daily Ex. Sunday		STATIONS					Daily Ex. Sunday				
445						L 12.55Pm			YORK	XN	41.94	BCDJP RWXY	A	5.15Pm			
XB 7	15					f 1.10	7.29		HONG		34.65		f	4.58			
XB14	85					s 1.30	14.88		7.04 WOLFORD	WF	27.61	D	s	4.40			
XB21	24					s 1.47	20.92		6.59 NANSON	BN	21.02	D	s	4.15			
XB28	45					s 2.10	27.34		6.42 ROLETTE	MC	14.60	DW	s	4.00			
XB34	83					s 2.28	34.19		M. St. P. & S. S. M. R. R. Crossing	AN	7.75	D	s	3.37			
XB42	Yard	101				A 2.45Pm	41.94		6.85 THORNE	DN		DRXY	L	3.15Pm			
						1.50			7.75 DUNSEITH								
						22.8			Time Over Subdivision					2.00			
									Average Speed Per Hour					20.9			

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

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

WESTWARD

EIGHTEENTH SUBDIVISION

EASTWARD

Station Numbers	Car Capacity		THIRD CLASS		FIRST CLASS		Distance from Rugby	Time Table No. 95			Distance from Antler	SIGNS	FIRST CLASS		THIRD CLASS	
	Sidings	Other Tracks	651		213			Effective March 1, 1953					214		652	
			Sun., Tues. and Thur.	Daily Ex. Sunday		Daily Ex. Sunday		STATIONS				Daily Ex. Sunday	Mon., Wed. and Fri.			
465			L 8.00Am	L 3.15Pm					RUGBY	RU	80.24	BDNJK ORWXY	A	12.30Pm	A	2.30Pm
V 6	10		8.20	f 3.28	6.84				6.84 LEVERICH		73.90		f	12.10Pm		1.57
V13	86		8.50	s 3.45	12.76				6.42 BARTON	BN	67.48	D	s	11.58		1.40
V21	46	86	9.30	s 4.05	21.21				8.45 WILLOW CITY	WC	59.08	D	s	11.40		1.10
V80	49		10.15	s 4.23	28.58				7.37 OMEMEE	OM	51.66	D	s	11.19		12.40
V88	109		²¹⁴ 10.57	s 4.53	38.10				8.52 BOTTINEAU	BO	42.14	DW	s	⁶⁵¹ 10.57		12.10Pm
V45	86		11.35	s 5.10	44.76				6.66 CARBURY	CB	35.48	D	s	10.42		11.30
V51	68		12.20Pm	s 5.25	51.10				6.34 SOURIS	SU	29.14	D	s	10.30		11.05
V56	22		12.50	s 5.40	56.63				5.53 ROTH	HO	23.61	D	s	10.18		10.40
V62	27		1.15	s 5.53	61.72				5.09 LANDA	NA	18.52	D	s	⁶⁵² 10.08		²¹⁴ 10.18
V67	83		2.00	s 6.10	67.53				5.81 WESTHOPE	WS	12.71	DW	s	9.56		9.35
V78	21		2.30	s 6.23	73.53				6.00 KUROKI		6.71		s	9.42		8.55
V80	60		A 3.00Pm	A 6.35Pm	80.24				6.71 ANTLER	AR		DRXY	L	9.30Am	L	8.30Am
			7.00						Time Over Subdivision					3.00		6.00
			11.4						Average Speed Per Hour					26.7		18.1

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

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

14 WESTWARD

NINETEENTH SUBDIVISION

EASTWARD

Station Numbers	Car Capacity		SECOND CLASS				Distance from Towner	Time Table No. 95		Telegraph Calls	Distance from Marbas	SIGNS	SECOND CLASS				
	Sidings	Other Tracks				351		Effective March 1, 1953					352				
						Daily Ex. Sunday		STATIONS					Daily Ex. Monday				
484						L 9.20Pm			TOWNER	OW	45.46	BDJK PRWXY	A 3.20Am				
XD 9	10					f 9.40	8.91		MILROY		86.55		f 2.55				
XD14	35					s 10.01	14.16		BANTRY	BA	81.80	D	s 2.35				
XD22	35					s 10.30	22.14		UPHAM	AU	23.82	D	s 1.55				
XD30	14					s 10.50	29.80		DEEP		15.96		s 1.15				
							30.86		M. St. P. & S. S. M. R. R. Crossing.		14.60						
XD35	45					s 11.05	34.82		NEWBURG	BR	10.64	D	s 12.55				
XD41	15					f 11.20	40.77		DUNNING		4.60		f 12.25				
XD46	61					A 11.35Pm	45.46		MAXBASS	MX		DRXY	L 12.05Am				
						2.15 20.2			Time Over Subdivision Average Speed Per Hour				3.15 13.9				

Westward trains are superior to eastward trains of the same class.
SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

WESTWARD

TWENTIETH SUBDIVISION

EASTWARD

Station Numbers	Car Capacity		SECOND CLASS				Distance from Granville	Time Table No. 95		Telegraph Calls	Distance from Sherwood	SIGNS	SECOND CLASS				
	Sidings	Other Tracks				309		Effective March 1, 1953					310				
						Daily Ex. Sunday		STATIONS					Daily Ex. Sunday				
504						L 7.20Am			GRANVILLE	J	61.22	BDJP RWXY	A 4.50Pm				
XA 7	14					f 7.35	7.07		RISING		54.15		f 4.29				
XA13	38					s 7.55	13.00		DEERING	DR	48.22	D	s 4.10				
XA18	18					f 8.07	17.99		WOLSETH		43.23		f 3.29				
XA25	36					s 8.31	24.47		GLENBURN	GX	36.75	DW	s 3.10				
XA30	26					f 8.43	29.78		FORFAR		31.49		f 2.25				
XA35	47					s 9.05	35.27		LANSFORD	S	25.95	D	s 2.05				
XA46	68					s 9.50	46.36		M. St. P. & S. S. M. R. R. Crossing. MOHALL	MO	14.86	D	s 12.55				
XA52	18					s 10.10	54.01		LORAIN	RI	7.21	D	s 12.10Pm				
XA61	77					A 10.30Am	61.22		SHERWOOD	WD		DRXY	L 11.30Am				
						3.10 19.8			Time Over Subdivision Average Speed Per Hour				5.20 11.4				

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SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

WESTWARD

TWENTY-FIRST SUBDIVISION

EASTWARD 15

Station Numbers	Car Capacity		SECOND CLASS				Distance from Evansville	Time Table No. 95		Telegraph Calls	Distance from Elbow Lake	SIGNS	SECOND CLASS				
	Sidings	Other Tracks				339		Effective March 1, 1953					340				
						Tues. Only		STATIONS					Tues. Only				
169	114	169				L 6.30pm			EVANSVILLE.....	NS	16.30	RDN OW	A 8.40pm				
E 7		37				s 6.55	6.88		ERDAHL.....	ER	9.42	D	s 8.15				
							14.42		M. ST. P. & S. S. M. R. R. CROSSING.....		1.88	I					
E16		38				A 7.30pm	16.30		ELBOW LAKE.....	KB		RD	L 7.40pm				
							1.00										
						16.3			Time Over Subdivision				1.00				16.3
									Average Speed Per Hour								

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SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

WESTWARD

TWENTY-SECOND SUBDIVISION

EASTWARD

Station Numbers	Car Capacity		SECOND CLASS				Distance from Devils Lake	Time Table No. 95		Telegraph Calls	Distance from Hansboro	SIGNS	SECOND CLASS				
	Sidings	Other Tracks				203		Effective March 1, 1953					204				
						Mixed		STATIONS					Mixed				
						Daily Ex. Sun.							Daily Ex. Sun.				
408	Yard	702				L 7.00am			DEVILS LAKE.....	WS	65.08	BDNJKO PRWXYZ	A 3.35pm				
FG 8		24				f 7.27	7.50		M. ST. P. & S. S. M. R. R. CROSSING.....		58.48		f 3.15				
FG12		60				s 7.45	12.15		SWEETWATER.....		53.83	D	s 2.55				
FG18		21				s 8.05	17.45		WEBSTER.....	RS	48.53		s 2.15				
FG24		84				s 8.35	24.07		GARSKE.....	KT	41.91	D	s 1.50				
FG29		11				f 8.50	28.05		STARKWEATHER.....		37.03		f 1.25				
FG34		30				f 9.05	33.27		ST. JOE.....		32.71		f 1.10				
FG40		32				s 9.27	39.69		NEWVILLE.....		26.29	D	s 12.50				
FG47		26				s 9.48	46.35		OLMSTEAD.....	OM	19.63		s 12.30				
FG53		29				s 10.14	53.21		M. ST. P. & S. S. M. R. R. CROSSING.....		12.77	DW	s 12.10pm				
FG59		21				f 10.30	59.08		CROCUS.....	RA	6.90		f 11.45				
FG66		48				A 11.00am	65.93		ROCK LAKE.....	HN		DRXY	L 11.30am				
							4.00										
						16.5			Time Over Subdivision				4.05				15.1
									Average Speed Per Hour								

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SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 16 THROUGH 23.

ALL SUBDIVISIONS

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

The time of Nos. 11 and 151 must be cleared by other westward first class trains not less than 5 minutes before Nos. 11 and 151 are due to leave the last station where time is shown, and by other westward trains not less than 10 minutes before Nos. 11 and 151 are due to leave the last station where time is shown.

The time of Nos. 11 and 151 must be cleared by eastward first class trains, except Nos. 12 and 152, not less than 10 minutes at all stations, and by other eastward trains not less than 15 minutes.

The time of Nos. 12 and 152 must be cleared by other eastward first class trains not less than 5 minutes before Nos. 12 and 152 are due to leave the last station where time is shown, and by other eastward trains not less than 10 minutes before Nos. 12 and 152 are due to leave the last station where time is shown.

The time of Nos. 12 and 152 must be cleared by westward first class trains, except Nos. 11 and 151 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 Nos. 11, 151, 12 and 152 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
Rice Jct.	77.1	85.8	75	75
Collegeville	85.8	89.7	65	65
Avon	89.7	91.5	55	55
	91.5	108.2	75	75
Melrose	108.2	108.5	50	50
	108.5	117.5	75	75
Sauk Centre.....	117.5	140.7	65	65
Alexandria	140.7	146.8	55	55
Garfield	146.8	165.3	75	75
Melby	165.3	169.5	65	65
Ashby	169.5	176.2	75	75
Dalton	176.2	181.0	65	65
	181.0	184.7	55	55
Fergus Falls	184.7	187.6	30	30
	187.6	188.2	45	45
	188.2	217.6	75	75
Barnesville	217.6	0.3	25	25
Barnesville Jct.....	0.3	13.2	70	70
Sabin	13.2	20.2	60	60
Moorhead Jct.	20.2	25.6	30	30
Fargo Jct.	25.6	62.6	70	70
Hillsboro	62.6	77.1	79	79
Buxton	77.1	97.7	70	70
PA Tower	97.7	110.4	40	40
	110.4	109.8	20	20
	0.0	87.2	60	60
Devils Lake	87.2	100.8	79	79
Churchs Ferry.....	100.8	196.0	60	60

(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 necessary; 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 85 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 80 MPH
except on 6 degree curves or sharper and on Branch

Lines 20 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 85 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: 85 MPH
Gardner East and west siding

switch.

Trains or engines through No. 15 turnouts at: 25 MPH
PA Tower Junction switches, Second

Subdivision

East and west switch of

crossover west of wye

Trains or engines 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 28, 75 to 170, 247 to 249, 253 to 259, 262 to 265, 307 to 317, 400 to 468.....	50 MPH
175 to 232, 271 to 274, 276 to 279, 550 to 572, 600 to 655	65 MPH
250, 251, 260, 261, 266 to 270, 275, 280, 281, 350 to 365, 500 to 512	75 MPH
2302 to 2324	50 MPH
2325 to 2339	60 MPH
5000 to 5008	45 MPH
5010 to 5019	55 MPH

4. ELECTRIC BRAKES.

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 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 tests 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.

5. 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.

6. 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.

7. 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.

8. Gas-Electric Engines must not be fueled while occupied by passengers, or coupled to cars occupied by passengers.

9. Air hose on Diesel and Electric engines must be hooked up in hose fastener when not in use.

10. EMPLOYEES 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. 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. 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:

FERGUS FALLS—Both—East and west end depot platform, hoses in frost box.

BARNESVILLE—Both—Connections and hoses in pump house, emergency.

SAUK CENTRE—Both—West end of depot platform, emergency.

Second Subdivision:

FARGO—Both—East and west end of platform, hoses in basement of baggage room.

Third Subdivision:

CROOKSTON—Both—East and west end of depot platform, hoses in frost box.

Fourth Subdivision:

GRAND FORKS—Both—Opposite inspection shack, east end of depot platform, hoses in frost box.

DEVILS LAKE—Both—East and west end of depot platform, hoses in frost box.

RUGBY—Both—Roundhouse, emergency.

Ninth Subdivision:

HALLOCK—Both—Connections in the husk water tank, hoses in the baggage room, emergency.

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 flagman except in emergency, and then Superintendent will be notified by wire.
15. When operating snow machines in non-block signal territory no trains should be permitted to follow closer than a station apart; when that cannot be done they shall 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 backup 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 the current of traffic on double track or through sidings, conductor shall notify Railway Postal Clerk, train 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, Inflammables, 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 in 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.

FIRST SUBDIVISION

(Main Line)

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 the Switch Indicator, insert switch key in controller and turn clockwise toward "R", hold a few seconds, and remove key. If 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 (204A) 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 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 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.

1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.

Between	Passenger	Freight
Rice Jct. and Moorhead Jct.	75 MPH	50 MPH

2. SPEED RESTRICTIONS.

Bridge 65.7, 8 mi. west of St. Cloud, Q-1, R	20 MPH
Bridge 93.9, 2 mi. east of Melrose, O-8, Q-1, R, S-1....	20 MPH
Bridge 98.4, 2 mi. west of Melrose, R	20 MPH

3. ENGINE RESTRICTIONS ON INDUSTRY TRACKS.

P-2 and heavier prohibited on following industry tracks:

- Collegeville, spur track.
- Albany, stockyard spur and oil spur.
- Freeport, mill spur.
- Melrose, Kraft spur and power house spur.
- Sauk Centre, stockyard spur and industry track.
- Evansville, old coal dock track.
- Melby, spur track.
- Ashby, stockyard spur.

4. TRAIN REGISTER EXCEPTIONS.

- Moorhead Jct., all trains register by ticket.
- Barnesville, register is for trains originating and terminating at Barnesville.
- Barnesville, First class trains and passenger extras must register and obtain clearance at Barnesville.
- Sauk Centre, register is for trains originating and terminating at Sauk Centre and Park Rapids Jct.

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

- (a) Dakota Division clearance received at St. Cloud will clear westward trains at Rice Jct.
- (b) At Park Rapids Jct., eastward trains from Mesabi Division may proceed to Sauk Centre without clearance.
- (c) At Pelican Jct., Barnesville Jct., trains for which these points are initial stations may proceed on authority of clearance under which such trains arrive.
- (d) At Barnesville, clearance issued and signed by the Superintendent will confer the same authority to a first class train as though received at its initial station.
- (e) Dakota Division clearance received at Fargo or Fargo Jct. will clear eastward trains at Moorhead Jct. when train order signal indicates proceed.

6. SPEED TEST BOARDS.

- Engineers shall test speed of their train passing the following points as compared with speed table:
- Westward trains, between MP 83 and MP 84 between St Joseph and Collegeville.
- Eastward trains, between MP 12 and MP 11 between Baker and Sabin, and between MP 214 and MP 213 between Lawndale and Barnesville.

7. DRAGGING EQUIPMENT DETECTOR INDICATORS.

- Westward trains, on block signals:
 - 92.7 approximately three miles west of Avon.
 - 135.7 approximately one-half mile east of Nelson.
 - 172.5 approximately three miles east of Dalton.
 - 234.1 approximately two and one-half miles west of Sabin.
- Eastward trains, on block signals:
 - 231.8 approximately one-fourth mile east of Sabin.
 - 169.2 approximately two miles west of Ashby.
 - 132.8 approximately two miles west of Osakis.
 - 90.6 approximately one-half mile west of Avon.

8. MANUAL INTERLOCKINGS.

- Moorhead Jct. Junction with Minot Division

9. MANUAL INTERLOCKINGS WITH DUAL CONTROL SWITCHES.

Rice Jct.....Junction and yard lead switches to Willmar Division
 Barnesville Jct.....Junction with Ninth Subdivision.
 Rice Jct., switches are electrically controlled by operator at depot, St. Cloud.
 Barnesville Jct., switches are electrically controlled by operator at depot, Barnesville.

10. AUTOMATIC INTERLOCKINGS.

Sauk Centre, 0.8 miles west of.....N. P. Ry. crossing
 Fergus Falls, 0.6 miles east of.....N. P. Ry. crossing
 Fergus Falls, when home signal displays Stop-indication, a member of the crew must first operate push button at the home signal. If this operation does not cause signal to indicate proceed, release must then be operated in accordance with instructions posted in box at the crossing. These instructions cover operation of electric switch locks on east siding switch and industry track switch.

SECOND SUBDIVISION

(Hillsboro Line)

1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.

Between	Passenger	Freight
Fargo Jct. and PA Tower	70 MPH	50 MPH

2. SPEED RESTRICTIONS.

Between Home Signals of Interlocking at PA Tower.... 20 MPH

3. ENGINE RESTRICTIONS ON INDUSTRY TRACKS.

P-2 and heavier prohibited on following industry tracks:
 Harwood, Argusville, Gardner, Grandin, Taft, Cummings, Buxton, Merrifield.
 Reynolds, spud house and industry track.

4. TRAIN REGISTER EXCEPTIONS.

PA Tower, register only for eastward second class and extra trains which will register by ticket.
 Fargo Jct., first class trains and passenger extras register by ticket.

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

(a) At PA Tower, clearance under which Nos. 9, 8, 11, 147, 149 and 151 arrive will clear Nos. 144, 142, 152, 4, 10 and 12 respectively at that point.

(b) Dakota Division clearance received at Fargo will clear westward first class trains and passenger extras at Fargo Jct. when train order signal indicates proceed.

6. Hillsboro, crossover switch on siding must be left lined for siding.

7. SPEED TEST BOARDS.

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

Westward trains, between MP 83 and MP 84 between Harwood and Argusville.

Eastward trains, between MP 90 and MP 89 between Merrifield and Thompson.

8. SPRING SWITCHES WITH FACING POINT LOCK.

Fargo Jct., west yard switch.
 Gardner, east and west siding switch.
 Normal position is for main track.

9. MANUAL INTERLOCKINGS.

PA TowerJunction with Fourth Subdivision

THIRD SUBDIVISION

(Crookston Line)

1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.

Between	Passenger	Freight
Grand Forks and Crookston Yard	50 MPH	40 MPH

2. ENGINE RESTRICTIONS ON INDUSTRY TRACKS.

P-2 and heavier prohibited on all industry tracks except:
 Hixon, Ross.

8. TRAIN REGISTER EXCEPTIONS.

Grand Forks, eastward second class and extra trains register by ticket at passenger station.

Crookston, register only for first and second class trains and passenger extras.

Crookston Yard, register only for trains originating and terminating.

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

(a) At Crookston Yard, westward trains from Mesabi Division may proceed to Crookston without clearance when train order signal indicates proceed.

(b) At Crookston Jct., Noyes 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. 404 and 406 arrive will clear Nos. 405 and 607, respectively, at Noyes Jct.

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

5. BETWEEN CROOKSTON AND NOYES JCT.

Third Subdivision trains to and from Grand Forks use Dakota main track; Ninth Subdivision trains to and from Noyes use Northern main track.

6. SPRING SWITCHES WITHOUT FACING POINT LOCK.

Grand Forks, east switch of freight lead (west end Red River Bridge).
 Normal position is for main track.

FOURTH SUBDIVISION

(Surrey Main Line)

1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.

Between	Passenger	Freight
Grand Forks and PA Tower	50 MPH	
PA Tower and M. D. Jct.	70 MPH	50 MPH

2. SPEED RESTRICTIONS.

Between Home Signals of Interlocking at PA Tower.... 20 MPH
 S-1 Engines, on curves indicated below 50 MPH
 10 and 11 between York and Knox,
 12, 18 and 14 between Hannah Jct. and Shawnee.

3. ENGINE RESTRICTIONS.

Larimore, engines larger than O-1, not permitted on yard tracks Nos. 3 through 8.

4. ENGINE RESTRICTIONS ON INDUSTRY TRACKS.

P-2 and heavier prohibited on following industry tracks:
 Petersburg, Michigan, Mapes, Bartlett, Doyon, Crary, Keith, Knox, Pleasant Lake, Tunbridge, Berwick, Denbigh, Norwich, Surrey.

Rugby, roundhouse tracks 1, 2 and 4, old repair track and industry track.

5. TRAIN REGISTER EXCEPTIONS.

PA Tower, register only for westward freight trains which will register by ticket.

Larimore, register only for trains originating and terminating at Larimore and Hannah Jct.

Lakota, register only for trains originating and terminating at Lakota and Sarles Jct.

Devils Lake, all trains register and receive clearance.

Churchs Ferry, York, Rugby, Towner, Granville, register only for trains originating and terminating.

Surrey, all trains register by ticket.

6. CLEARANCE PROVISIONS AND EXCEPTIONS RULE 83(B).

(a) At PA Tower, clearance under which Nos. 9, 8, 11, 147, 149 and 151 arrive will clear Nos. 144, 142, 152, 4, 10 and 12 respectively at that point.

(b) At PA Tower, Twelfth Subdivision trains for which this point is initial station may proceed on authority of clearance under which such trains arrive.

(c) At Hannah Jct., Sarles Jct., trains for which these points are initial stations may proceed on authority of clearance under which such trains arrive.

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

7. Grand Forks, the tracks in front of and numbering from passenger station are known as depot tracks 1, 2, 3 and 4; the 5th track is known as the freight lead.

Depot Lead at west crossover just west of ice house must be kept clear for meeting and passing of trains.

Nos. 3, 9, 4, 10 and 11 use track 3 at Grand Forks passenger station and must approach crossover switches at restricted speed expecting to find switches lined against them, and be prepared to stop and line up the route for their movement into track 8.

Nos. 3, 9, 4 and 10 from Grand Forks passenger station will make back up movement from passenger station through the first leg of the wye at PA Tower.

Back up air brake hose equipped with whistle and valve will be applied at Grand Forks passenger station and pilot of these trains will see that careful movement is made while backing up. Speed must be restricted to 10 MPH.

8. Doyon, water tank 1.48 miles west.
9. University, automatic block signal 109.2 governing Eastward train and engine movements is located on left hand side of main track about 54 feet east of University spur switch.

10. SPEED TEST BOARDS.

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

Westward trains, between MP 5 and MP 6 between
Powell and Ojata.
between MP 94 and MP 95 between
Grand Harbor and Penn.

Eastward trains, between MP 185 and MP 184 between
Norwich and Granville.
between MP 79 and MP 78 between
Keith and Crary.

11. MANUAL INTERLOCKINGS.

PA Tower Junction with Second and Twelfth Subdivisions

Whistle signals for routes, PA Tower:

Second Subdivision 2 long, 1 short.

Fourth Subdivision 1 long, 1 short.

Twelfth Subdivision 1 long.

Tower Track 3 long, 1 short.

Grand Forks Yard 2 short, 1 long.

12. AUTOMATIC INTERLOCKINGS.

Grand Harbor, 2.9 mi. east of MStP&SSM RR. crossing

FIFTH, SIXTH, SEVENTH, EIGHTH SUBDIVISIONS

(Pelican Rapids, Aneta, Mayville and Portland Lines)

1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.

Between	Diesel or Gas-Electric		Steam	
	Passenger	Freight	Passenger	Freight
Pelican Jct. and Pelican Rapids	30 MPH	25 MPH	25 MPH	25 MPH
Nolan and Devils Lake	50 MPH	40 MPH	45 MPH	40 MPH
Vance and Larimore	40 MPH	35 MPH	35 MPH	25 MPH
Erie Jct. and Portland Jct.		25 MPH		20 MPH

2. SPEED RESTRICTIONS.

Between Home Signals of Interlockings at: 20 MPH
Pelican Jct.
Nolan.

Sixth Subdivision trains handling loaded tank cars..... 35 MPH
Larimore, Nos. 341-342 must proceed at restricted speed from end of Seventh Subdivision to the passenger station and will use first track south of main track.

Devils Lake, Nos. 209-210 must proceed at restricted speed from end of Sixth Subdivision to the passenger station and will use first track south of main track.

3. ENGINE RESTRICTIONS.

Fifth and Eighth Subdivisions H-4, heaviest permitted.

Sixth Subdivision O-6, P-2, Q-2, S-2, M-2, N-3 heaviest permitted.

Seventh Subdivision O-4, heaviest permitted.

4. ENGINE RESTRICTIONS ON INDUSTRY TRACKS.

Sixth Subdivision Including Wye at Page.. O-1 heaviest permitted.

Seventh and Eighth Subdivisions..... O-1 heaviest permitted on wye at Portland Jct.

5. TRAIN REGISTER EXCEPTIONS.

No. 343 will throw off register check at Portland giving all information called for in train register for Vance and Erie Jct.

6. CLEARANCE PROVISIONS AND EXCEPTIONS RULE 83(B).

At Pelican Jct., West N. P. Ry. Jct., East N. P. Ry. Jct., trains for which these points are initial stations may proceed on authority of clearance under which such trains arrive.

7. MANUAL INTERLOCKINGS.

Nolan Junction with Minot Division

8. AUTOMATIC INTERLOCKINGS.

Pelican Jct. (Fergus Falls)..... Junction with First Subdivision

NINTH SUBDIVISION

(Ada-Noyes Lines)

1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.

Between	Passenger	Freight
Barnesville Jct. and Ada	59 MPH	40 MPH
Ada and Crookston Jct.	55 MPH	40 MPH
Noyes Jct. and Stephen	59 MPH	40 MPH
Stephen and Noyes	50 MPH	30 MPH

2. SPEED RESTRICTIONS.

Between Home Signals of Interlocking at: 20 MPH
Glyndon.

Stephen, all trains over street crossings 25 MPH

3. ENGINE RESTRICTIONS.

O-6, P-2, Q-2, S-2, M-2, N-3, heaviest permitted.

4. ENGINE RESTRICTIONS ON INDUSTRY TRACKS.

P-2, S, and Q engines not permitted on any industry tracks.

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

At Barnesville Jct., M. N. Jct., Crookston Jct., Noyes 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. 404 and 406 arrive will clear Nos. 405 and 607, respectively, at Noyes Jct.

6. BETWEEN CROOKSTON AND NOYES JCT.:

Third Subdivision trains to and from Grand Forks use Dakota main track; Ninth Subdivision trains to and from Noyes use Northern main track.

7. Noyes, before going to Canadian Pacific yard, call up C. P.

office and obtain clearance to enter their yard. When necessary to go to the west end of C. P. yard, stop at C. P. office and get switch key which must be turned in immediately upon return from that part of the yard. Crews going from G. N. yard to C. P. yard must not attempt to enter C. P. yard until they receive hand signal from the towerman.

8. Noyes, trains and engines entering Canadian National Ry. tracks will be governed by current C. N. Ry. time-table and obtain clearance Form 728 before leaving.

9. SPEED TEST BOARDS.

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

Westward trains, between MP 13 and MP 14 between
Downer and Crawford.

Eastward trains, between MP 81 and MP 80 between
Humboldt and Northcote.

10. MANUAL INTERLOCKINGS WITH DUAL CONTROL SWITCHES.

Barnesville Jct. Junction with First Subdivision.
Switches are electrically controlled by operator at depot, Barnesville.

11. MANUAL INTERLOCKINGS.

Glyndon N. P. Ry. crossing
Warren MStP&SSM. RR. crossing

12. AUTOMATIC INTERLOCKINGS.

Noyes Jct., 1.48 miles west of N. P. Ry. crossing
Shirley, 4.51 miles west of N. P. Ry. crossing

TENTH, ELEVENTH, TWELFTH, THIRTEENTH, FOURTEENTH SUBDIVISIONS

(Halstad, Warroad, Neche, Walhalla, Hannah Lines)

1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.

Between	Diesel or Gas-Electric		Steam	
	Passenger	Freight	Passenger	Freight
Moorhead and M. N. Jct.	40 MPH	35 MPH	35 MPH	25 MPH
Red Lake Falls Jct. and Warroad	40 MPH	30 MPH	25 MPH	25 MPH
PA Tower and Grafton	50 MPH	45 MPH	45 MPH	40 MPH
Grafton and Neche	40 MPH	35 MPH	25 MPH	20 MPH
Grafton Jct. and Walhalla	40 MPH	35 MPH	35 MPH	30 MPH
Hannah Jct. and Hannah	45 MPH	35 MPH	35 MPH	30 MPH

2. SPEED RESTRICTIONS.

At Gretna within yard limits the main track may be used keeping clear of Canadian Pacific first and second-class trains and sections thereof, proceeding at restricted speed, and when going to the wye to turn will head in at first switch south of the station of Gretna unless you have obtained information on the arrival of superior trains.

O-1 and H-7 Engines, between Hannah Jct. and Hannah
and between Grafton Jct. and Walhalla 25 MPH

Between Home Signals of Interlockings at: 20 MPH

Warroad
Ardoch
PA Tower

Wye tracks at Warroad and Thief River Falls..... 5 MPH

3. ENGINE RESTRICTIONS.

Tenth Subdivision O-6, P-2, Q-2, S-2, M-2, N-3,
heaviest permitted

Eleventh Subdivision H-5, heaviest permitted

Twelfth Subdivision

Between PA Tower and Grafton Jct...O-1, heaviest permitted

Between Grafton and GretnaH-5, heaviest permitted

Thirteenth and Fourteenth Subdivisions...O-1, heaviest permitted

4. ENGINE RESTRICTIONS ON INDUSTRY TRACKS.

Tenth SubdivisionO-1, heaviest permitted

5. TRAIN REGISTER EXCEPTIONS.

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

PA Tower, register only for westward third class and extra trains to Twelfth Subdivision which will register by ticket.

6. CLEARANCE PROVISIONS AND EXCEPTIONS RULE 83(B).

(a) At M. N. Jct., PA Tower, Grafton Jct., Hannah Jct., trains for which these points are initial stations may proceed on authority of clearance under which such trains arrive.

(b) Dakota Division clearance received at Tilden Jct. will clear westward trains at Red Lake Falls Jct.

7. MANUAL INTERLOCKINGS.

Warroad, 0.6 miles east of C. N. Ry. crossing
Ardoch MStP&SSM. RR. crossing
PA Tower Junction with Fourth Subdivision

8. AUTOMATIC INTERLOCKINGS.

Conway MStP&SSM. RR. crossing

FIFTEENTH, SIXTEENTH, SEVENTEENTH, EIGHTEENTH, NINETEENTH, TWENTIETH SUBDIVISIONS

(Sarles, St. John, Dunseith, Antler, Maxbass, Sherwood Lines)

1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.

Between	Diesel or Gas-Electric		Steam	
	Passenger	Freight	Passenger	Freight
All Stations	40 MPH	30 MPH	25 MPH	20 MPH

2. ENGINE RESTRICTIONS.

H-4, heaviest permitted.

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

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

TWENTY-FIRST SUBDIVISION

(Elbow Lake Line)

1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.

Between
Evansville and Elbow Lake, all trains 30 MPH

2. SPEED RESTRICTIONS.

Between Home Signals of Interlocking at Elbow Lake.. 20 MPH

3. ENGINE RESTRICTIONS.

O-1, heaviest permitted.

4. MANUAL INTERLOCKING.

Elbow Lake, 1.88 miles east of.....MStP&SSM. RR. crossing
Crews of Great Northern trains will operate the interlocking in accordance with instructions posted in the tower.

TWENTY-SECOND SUBDIVISION

(Hansboro Line)

1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.

Between	Diesel or Gas-Electric		Steam	
	Passenger	Freight	Passenger	Freight
Devils Lake and Hansboro	35 MPH	25 MPH	25 MPH	20 MPH

2. ENGINE RESTRICTIONS.

H-4, heaviest permitted.

WATCH INSPECTORS

G. H. Vandesteeg	Sauk Centre, Minn.
E. J. Rovang	Fergus Falls, Minn.
O. P. Mork	Barnesville, Minn.
Crescent Jewelry Co.	Fargo, N. D.
E. W. Johnson	Fargo, N. D.
Bratrud Jewelry Store	Crookston, Minn.
Munn's Jewelry	Crookston, Minn.
Weber Jewelry & Music Co.	St. Cloud, Minn.
Frank Waterbury Co.	Grand Forks, N. D.
Ray A. Brooks	Devils Lake, N. D.
Lien's Jewelry	Rugby, N. D.
Bossert Jewelry	Towner, N. D.
C. F. Heller	Sherwood, N. D.

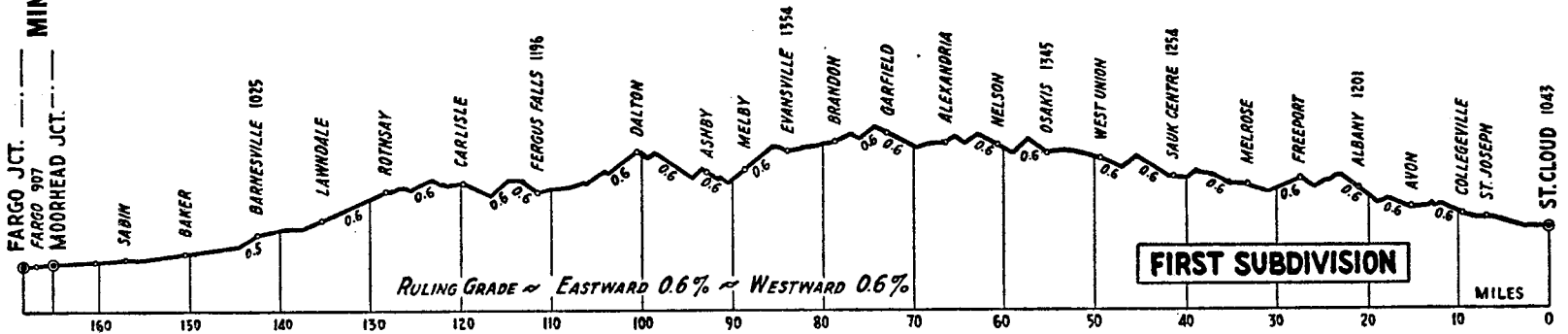
SPEED TABLE

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	31.8
	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

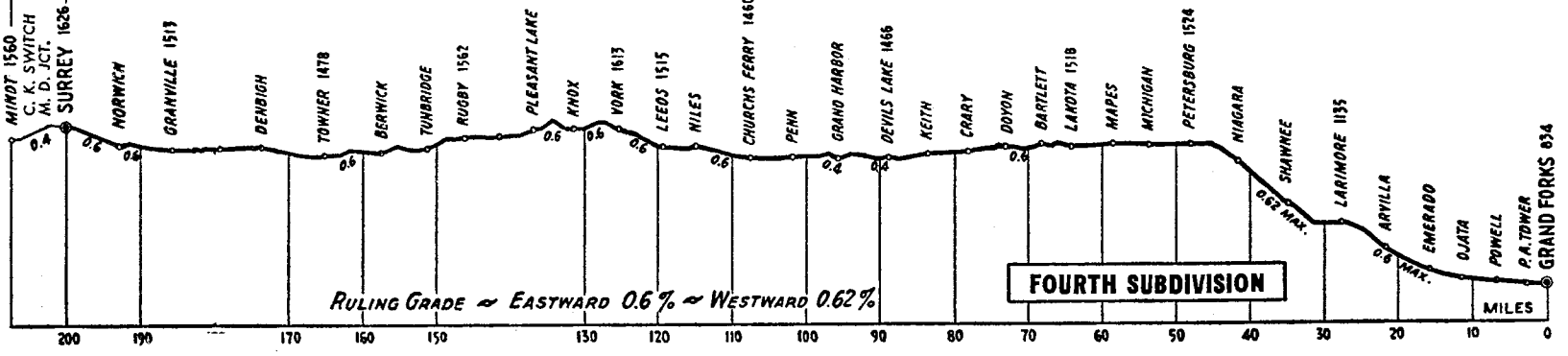
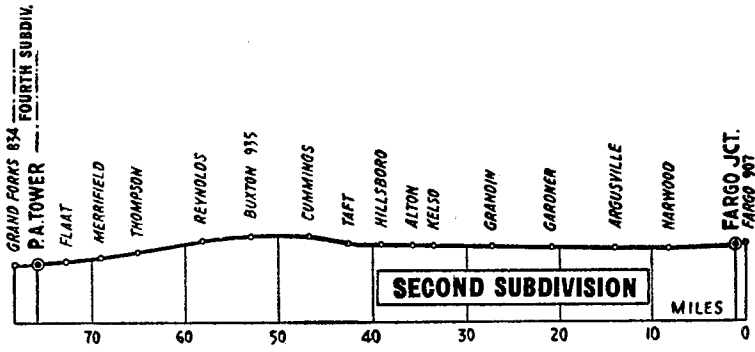
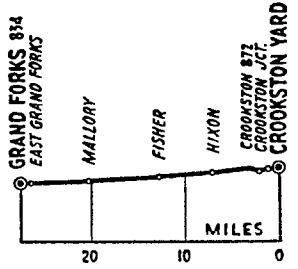
Business Tracks not Shown as Stations on Time Table.

NAME	LOCATION	Capac- ity Cars	SWITCH OPENS
Second Subdivision			
Alton	2.86 miles west of Kelso	23	Both Ends
Taft	3.66 miles west of Hillsboro ..	23	Both Ends
Flaat	2.96 miles west of Merrifield ..	15	Both Ends
Third Subdivision			
Ross	2.64 miles west of Hixon	51	Both Ends
Sixth Subdivision			
Dolores Mission Spur	4.35 miles west of Tokio	11	East End
Ninth Subdivision			
Roan	5.08 miles west of Angus	45	Both Ends
Luna	4.18 miles west of Warren	19	Both Ends
Hill Siding	0.58 miles west of Northcote ..	16	Both Ends
Tenth Subdivision			
Bingham	2.41 miles west of Moorhead..	634	Both Ends
Wilds	2.05 miles west of Girard	232	East End
Eleventh Subdivision			
Lyell Spur	3.10 miles east of Warroad	10	East End
Twelfth Subdivision			
Calspur	0.93 mile west of PA Tower..	41	East End
Fourteenth Subdivision			
Edison	2.37 miles west of Hannah Jct.	11	East End

MINOT DIVISION



MINOT DIVISION



Elevation.....175