



### COMPANY SURGEONS

- \*Dr. Abbott Skinner, Chief Medical Officer .....St. Paul
- \*Dr. Hugo F. Schroeckenstein, Asst. to  
Chief Medical Officer .....St. Paul
- Dr. David A. Burlingame,  
Roentgenologist .....St. Paul
- \*Dr. R. K. West .....Cut Bank, Montana
- Dr. James R. Markette.....Cut Bank, Montana
- Dr. T. B. Moore.....Kalispell, Montana
- Dr. W. F. Bennett.....Columbia Falls, Montana
- \*Dr. J. W. Whalen .....Whitefish, Montana
- \*Dr. Bruce C. McIntyre.....Whitefish, Montana
- \*Dr. Jerrold E. Johnson.....Whitefish, Montana
- Dr. Robert D. MacKenzie .....Libby, Montana
- Dr. William T. Matthews.....Libby, Montana
- \*Dr. Clifford J. Edwards .....Bonners Ferry, Idaho
- Dr. Franz H. Siemsen .....Sandpoint, Idaho
- Dr. R. B. Morrow.....Newport, Wash.
- \*Dr. E. B. Coulter .....Spokane, Wash.
- Dr. Robert J. Albi.....Hillyard, Wash.
- Dr. Roy S. Lowell .....Colville, Wash.
- \*Dr. John C. Carpenter .....Nelson, B. C.
- \*Designates also Examining Surgeon.

### OPHTHALMOLOGIST

(Eye Doctors)

- Dr. H. D. Huggins.....Kalispell, Montana
- Dr. Philip B. Greene .....Spokane, Wash.

- D. E. PARKS, Asst. Superintendent.
- D. H. CARPENTER, Chief Dispatcher.
- R. J. SEELEY, Master Mechanic.
- D. S. NELSON, Trainmaster.
- A. R. McKEEN, Trainmaster.
- P. A. FREUEN, Trainmaster.
- J. R. GALASSI, Trainmaster.
- D. K. JAEB, Traveling Engineer.
- J. L. GARRITY, Traveling Engineer.
- E. N. ROBERSON, Traveling Engineer.

# GREAT NORTHERN RAILWAY COMPANY

## KALISPELL DIVISION

# TIME TABLE 108

EFFECTIVE 12:01 A. M.  
MOUNTAIN STANDARD TIME  
AND  
PACIFIC STANDARD TIME

Sunday, April 24, 1966

MOUNTAIN STANDARD TIME GOVERNS FIRST,  
AND THIRD SUBDIVISIONS.

PACIFIC STANDARD TIME GOVERNS SECOND,  
FOURTH, FIFTH, SIXTH, SEVENTH, EIGHTH  
AND NINTH SUBDIVISIONS.

P. F. CRUIKSHANK, Superintendent.  
C. M. RASMUSSEN, General Manager.

H. J. SURLES  
General Superintendent Transportation.

Printed in U.S.A.

2 WESTWARD

FIRST SUBDIVISION

EASTWARD

Station Numbers	Car Capacity		FIRST CLASS		Distance from Cut Bank	MOUNTAIN STANDARD TIME Time Table No. 108 Effective April 24, 1966 STATIONS	Telegraph Calls	Distance from Troy	SIGNS	FIRST CLASS		SECOND CLASS		
	Siding	Other Tracks	31	27						32	28	494	490	492
			Daily	Daily						Daily	Daily	Daily	Daily	Daily
01475	130	265	L 3.25 <sup>pm</sup>	L 5.40 <sup>am</sup>	0.00	..... CUT BANK.....★	CT	260.88	BDNIK PRXW	A 9.25 <sup>am</sup>	A 5.40 <sup>pm</sup>	A 2.35 <sup>pm</sup>	A 1.30 <sup>am</sup>	A 7.45 <sup>am</sup>
01484	109	30	3.36	5.51	9.60	..... SUNDANCE.....	.....	251.27	P	9.12	5.30	2.20	1.17	7.30
01501	120	279	3.51	6.10	26.24	..... BLACKFOOT.....	BF	234.63	DPY	8.52	5.12	1.55	12.47	7.05
01508	127	180	4.04	6.25	33.53	..... BROWNING.....★	BG	227.34	DNP	8.44	s 5.02	1.40	12.32	6.55
01513	133	15	4.12	6.35	38.92	..... TRIPLE DIVIDE.....	.....	221.95	P	8.38	4.50	1.30	12.21	6.35
01522	95	62	4.26	f 7.00	46.87	..... GLACIER PARK.....★	MD	214.00	DNPYW	8.28	f 4.37	1.15	12.01 <sup>am</sup>	6.12
01525	112	10	4.30	7.05	49.58	..... BISON.....	.....	211.29	P	8.23	4.30	1.05	11.55	6.07
01527	116	10	4.35	7.09	52.70	..... RISING WOLF.....	.....	208.17	P	8.18	4.20	12.58	11.48	6.01
01534	E145 W125	31	4.45	7.19	58.95	..... SUMMIT.....★	SM	201.92	DNPIYXW	8.08	4.10	12.45	11.33	5.45
01540	E 60	9	4.57	7.31	65.75	..... BLACKTAIL.....	.....	195.12	P	7.50	3.54	12.25 <sup>pm</sup>	11.18	5.20
01548	E 123	36	5.14	7.47	73.25	..... NIMROD.....	.....	187.62	IP KDNP OYXW	7.30	3.34	11.55	10.48	4.55
01552	W136	93	5.21	f 7.57	77.15	..... ESSEX.....★	SX	183.72	OYXW	7.23	f 3.28	11.45	10.35	4.45
01558	.....	.....	5.31	8.05	82.81	..... PINNACLE.....	.....	178.06	IP	7.13	3.17	11.30	10.05	4.30
01568	W 99	14	5.47	8.23	93.02	..... RED EAGLE.....	.....	167.86	IYP	6.56	3.00	11.10	9.25	4.10
01578	156	91	6.04	f 8.45	103.68	..... BELTON.....★	BE	157.20	DNPW	6.40	f 2.44	10.50	9.05	3.50
01586	64	75	6.15	f 8.55	111.56	..... CORAM.....	CM	149.32	DP	6.28	f 2.26	10.30	8.45	3.35
01590	.....	122	6.23	9.02	115.96	..... CONKELLEY.....	.....	144.92	PI	6.22	2.16	10.20	8.37	3.25
01593	83	214	6.26	s 9.11	118.77	..... COLUMBIA FALLS.....★	CF	142.11	DNJYXPW	6.18	s 2.13	10.15	8.30	3.18
01601	Yard	1720	A 6.40 L 6.45	A 9.25 L 9.40	126.40	..... WHITEFISH.....★	WF	134.48	KRDNWP BOXZI	L 6.10 A 6.05	L 1.55 A 1.40	L 10.00 A 8.50	L 8.01 A 6.15	L 3.01 A 1.40
01607	151	.....	6.52	9.46	131.79	..... VISTA.....	.....	129.09	P	5.51	1.32	8.40	5.55	1.25
01613	185	15	6.59	9.53	138.21	..... LUPFER.....	.....	122.67	P	5.42	1.24	8.30	5.45	1.15
01618	70	26	7.05	f 10.01	143.67	..... OLNEY.....	.....	117.21	P	5.34	f 1.16	8.20	5.35	1.05
01624	141	17	7.11	10.08	149.44	..... RADNOR.....	.....	111.44	P	5.26	1.05	8.10	5.20	12.55
01631	W106 E 113	17	7.19	f 10.17	156.51	..... STRYKER.....★	SY	104.37	DNPYW	5.16	f 12.56	7.55	5.08	12.40
01637	136	15	7.25	f 10.24	162.48	..... TREGO.....	.....	98.40	P	5.09	f 12.46	7.45	4.54	12.25
01642	130	40	7.30	f 10.34	167.10	..... FORTINE.....	FR	93.78	DPW	5.03	f 12.36	7.32	4.45	12.10 <sup>am</sup>
01648	127	76	7.36	10.40	173.02	..... TOBACCO.....	.....	87.86	PI	4.56	12.25	7.20	4.37	11.50
01654	151	59	7.42	s 10.52	178.78	..... EUREKA.....★	KA	82.10	DNPW	4.49	s 12.18	7.05	4.30	11.35
01662	W130 E 170	163	7.52	f 11.03	187.66	..... REXFORD.....★	RD	73.22	DPYW	4.40	f 12.04 <sup>pm</sup>	6.45	4.15	11.20
01673	128	22	8.03	11.15	198.54	..... STONEHILL.....	.....	62.34	P	4.28	11.51	6.25	3.57	11.05
01684	138	5	8.15	11.27	209.60	..... URAL.....	.....	51.28	P	4.16	11.38	6.05	3.20	10.50
01689	128	4	8.20	11.32	214.55	..... VOLCOUR.....★	VR	46.33	DNPW	4.10	11.32	5.55	3.00	10.42
01697	139	.....	8.28	11.40	222.37	..... YARNELL.....	.....	38.51	P	4.02	11.19	5.40	2.50	10.30
01710	152	3	8.42	11.54	235.48	..... RIPLEY.....	.....	25.40	P	3.47	11.05	5.20	2.35	10.12
01718	265	175	8.50	s 12.05 <sup>pm</sup>	242.70	..... LIBBY.....★	CK	18.18	DNPZW	3.38	s 10.57	5.05	2.10	10.00
01729	178	.....	9.02	12.17	253.71	..... KOOTENAI FALLS.....	.....	7.17	P	3.25	10.37	4.45	1.45	9.45
01736	288	445	A 9.15 <sup>pm</sup>	A 12.25 <sup>pm</sup>	260.88	..... TROY.....★	UX	0.00	KRDNP BXIYW	L 3.15 <sup>am</sup>	L 10.30 <sup>am</sup>	L 4.30 <sup>am</sup>	L 1.30 <sup>pm</sup>	L 9.30 <sup>pm</sup>
			5.50 47.50	6.45 39.13		Time Over Subdivision Average Speed Per Hour				6.10 42.30	7.10 36.40	10.05 25.87	12.05 21.45	10.15 25.45

Westward trains are superior to eastward trains of the same class.  
SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 6 THROUGH 13.  
See page 9 for CONDITIONAL STOPS



**WESTWARD**

**SECOND SUBDIVISION**

**EASTWARD 3**

Station Numbers	Car Capacity		FIRST CLASS					Distance from Troy	Time Table No. 108 Effective April 24, 1966 PACIFIC STANDARD TIME STATIONS	Telegraph Calls	Distance from Fort Wright	SIGNS	FIRST CLASS				SECOND CLASS		
	Buildings	Other Tracks	1	31	45	5	27						46	28	2	32	490	492	
			S. P. & S. No. 1 Daily	Daily	S. P. & S. No. 3 Daily	TOFC Daily Ex. Sat.	Daily						S. P. & S. No. 4 Daily	Daily	S. P. & S. No. 2 Daily	Daily	Daily	Daily	
01738	288	445		L 8.15Pm			L 11.30Am	0.00	TROY...★	UX	142.09	RDNPBK XIYW		A 9.25Am		A 2.15Am	A 10.00Am	A 8.00Pm	
01742	142	19		8.24			11.38	6.09	YAKT		135.40	P		9.15		2.02	9.50	7.50	
01749	128	34		8.35			11.48	12.71	LEONIA		128.38	P		9.05		1.52	9.38	7.38	
01768	130	10		8.55			12.08Pm	27.00	CROSSPORT		116.09	P		8.45		1.32	9.13	7.13	
01767	119	153		9.02			12.18	31.31	BONNERS FERRY★	BY	110.78	DNPVY JW		f 8.34		1.26	9.01	7.01	
01778	119	89		9.16			12.32	42.68	11.37 MAPLES...★		99.41	PW		f 8.23		1.13	8.38	6.38	
01786	187	82		9.25			12.41	50.07	7.39 ELMIRA		92.02	P		8.14		1.05	8.25	6.25	
01793	110	11		9.31			12.49	56.89	6.32 COLBURN		85.30	P		8.07		12.57	8.15	6.15	
61903	105	395		9.39			1.01	65.23	8.34 SANDPOINT★	B	74.80	DNPVY ZW		s 7.58		12.48	8.02	6.02	
61917	180	16		9.53			1.15	78.68	13.85 LACLEDE		63.61	P		400 7.40		12.33	28 7.40	5.40	
61921	71	43		9.58			1.20	83.30	3.53 THAMA		58.79	P		7.35		12.27	7.25	5.32	
61925	70	122		10.02			1.26	86.53	6.57 PRIEST RIVER	NC	55.36	DP		s 7.31		12.23	7.19	5.25	
61931	123	259		10.10			1.39	93.40	7.50 NEWPORT★	NR	45.69	DNPVW		s 7.21		12.15	7.08	5.10	
61939	129	3		10.19			1.48	101.20	7.50 SCOTIA		40.89	P		7.07		12.06Am	6.55	4.55	
61946	118	25		10.27			1.56	107.79	8.59 CAMDEN		34.30	P		7.00		11.58	6.45	4.45	
61953	123	82		10.36			2.05	115.09	7.30 MILAN		27.00	P		6.52		11.50	6.35	4.35	
61963		53		10.47			2.17	125.48	10.37 DEAN	SF	16.63	DNPXJI		6.41		11.37	6.20	4.20	
61968		164		10.54			2.23	130.05	4.59 MEAD		12.04	P		6.35		11.31	6.11	4.11	
61972		3218		11.01			2.30	134.58	4.53 HILLYARD★	HU	7.51	BREDNP TWOIXZY		f 6.30		11.25	L 6.00Am	L 4.00Pm	
				11.08			2.38	138.18	3.60 U. P. R. R. Cross's		3.91	PIMVX		6.20		11.15			
61977		609		L 11.40Pm	L 11.45	L 8.25Pm	L 8.15Pm	A 2.45	1.17 SPOKANE★	Q	2.74	RKDNPO BXVZW IDNP YXVR		L 6.15	L 6.15	A 10.00Pm	L 11.10		
61980	89	65		A 11.45Pm	A 11.50Pm	A 8.31Pm	A 8.20Pm	A 3.35Pm	2.74 FORT WRIGHT★	FW	0.00			L 4.50Am	L 5.25Am	L 9.50Pm	L 10.35Pm		
				.05 32.88	3.35 39.65	.05 27.04	.05 32.88	4.05 34.79	Time Over Subdivision Average Speed Per Hour					.10 18.44	4.00 35.52	.10 18.44	3.40 38.75	4.00 35.51	4.00 35.51

**WESTWARD THIRD SUBDIVISION EASTWARD**

Station Numbers	Capacity of Tracks	Distance from Columbia Falls	MOUNTAIN STANDARD TIME Time Table No. 108 Effective April 24, 1966 STATIONS		Telegraph Calls	SIGNS
			WESTWARD	EASTWARD		
01593	214	0.00	COLUMBIA FALLS...★		CF	JDNPYX
61605	44	5.48	LA SALLE			P
61617	439	14.34	KALISPELL		K	DNP JWYXZ
61625	Yard	24.86	SOMERS			PX

**WESTWARD FOURTH SUBDIVISION EASTWARD**

Station Numbers	Capacity of Tracks	Distance from Bonner's Ferry	Time Table No. 108 Effective April 24, 1966 PACIFIC STANDARD TIME STATIONS		Telegraph Calls	SIGNS
			WESTWARD	EASTWARD		
61826	15		PORT HILL	25.95		
01767	148		BONNERS FERRY...★	0.00	BY	DMNPYJV

Westward trains are superior to eastward trains of the same class on Second, Third and Fourth Subdivisions.

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 6 THROUGH 13.



### 4 WESTWARD FIFTH SUBDIVISION EASTWARD

Station Numbers	Car Capacity		SECOND CLASS <b>703</b>	Time Table No. 108 Effective April 24, 1966 PACIFIC STANDARD TIME STATIONS	Telegraph Calls	Distances from Dean	SIGNS	SECOND CLASS <b>704</b>
	Sidings	Other Tracks						
62185			L 6.00Am	NELSON	BC	185.80	DNWP	A 3.20Pm

**BETWEEN TROUP JCT. AND NELSON BE GOVERNED BY  
C. P. RY. TIME TABLE AND RULES**

62180			L 6.30Am	5.48 TROUP JUNCTION		180.32	YPV	A 2.45Pm
62170	24		6.55	4.82 SOUTH NELSON		175.50		2.10
62151	75		9.00	24.89 SALMO	SI	150.61	D	12.30
62145	20		9.25	5.60 MEADOWS		145.01		11.55
62135	83		10.45	9.68 FRUITVALE		135.83		11.10
62128	26		11.40	9.15 WANETA, B. C.		126.18	P	10.20
62124	39		11.50	2.11 BOUNDARY, U. S.		124.07		10.05
62115	60	89	12.40Pm	8.51 NORTHPORT	NP	115.26	PDYW	9.30
62107	37		1.10	8.27 MARBLE		106.99		8.25
62105	43		1.20	1.23 DOLOMITE		105.76	P	8.20
62092	36	79	2.10	13.62 EVANS		92.14	P RKDNW	7.35
62081	318		A 2.50Pm	10.40 KETTLE FALLS	MF	81.74	BYXQJZ	L 7.00Am
62073	109			8.45 COLVILLE	VD	73.26	PD	
62067	40	5		6.60 ARDEN		66.57	P	
62059	17			7.10 ADDY		59.38		
62050	81	149		9.07 CHEWELAH	CH	50.81	PDZ	
62043	80	25		7.71 VALLEY	VY	42.60	PD	
62032	27			9.92 SPRINGDALE		32.63	P	
62025	40			8.13 LOON LAKE		24.55	P	
62018	19			6.79 CLAYTON		17.76	P	
62012	60	49		5.25 DEER PARK	DE	12.48	PDX	
61963	31			12.48 DEAN	SF	0.00	JDNX	
			8.50 11.75	Time Over Subdivision Average Speed Per Hr.				8.20 12.49

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

### WESTWARD SIXTH SUBDIVISION EASTWARD

Station Numbers	Capacity of Tracks	SECOND CLASS <b>393</b>	Distance from Kettle Falls	Time Table No. 108 Effective April 24, 1966 PACIFIC STANDARD TIME STATIONS	Telegraph Calls	SIGNS	SECOND CLASS <b>394</b>
62081	296	L 5.00Am	0.00	KETTLE FALLS	MF	ORKDNB JYXPZW	A 4.10Pm
62204	106	5.20	4.70	WEST KETTLE FALLS		P	3.45
62212	24	5.45	12.09	7.39 BOYDS		P	3.15
62217	31	6.05	17.48	5.39 BARSTOW			2.55
62222	31	6.30	22.71	5.23 DULWICH			2.40
62228	12	7.00	28.59	5.88 GOLDSTAKE			2.10
62234	18	7.30	34.66	6.07 LAURIER, WASH.		P	1.50
62246	5	8.15	46.01	11.35 GRAND FORKS, B. C.		JYV	1.10
62249	18	8.30	49.12	8.11 DANVILLE, WASH.		P	12.55
62259	62	9.05	59.52	10.40 CURLEW		P	12.15Pm
62265	33	9.20	65.59	6.07 MALO			11.55
62276	34	9.50	75.81	10.22 TORSOY			11.20
62280	75	A 10.10Am	80.72	4.91 REPUBLIC	Z	DYW	L 11.00Am
		5.10 15.62		Time Over Subdivision Average Speed Per Hour			5.10 15.62

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

### WESTWARD SEVENTH SUBDIVISION EASTWARD

Station Numbers	Capacity of Tracks	SECOND CLASS <b>95</b>	Distance from Spokane	Time Table No. 108 Effective April 24, 1966 PACIFIC STANDARD TIME STATIONS	Telegraph Calls	SIGNS	SECOND CLASS <b>96</b>
61976		L 8.00Am	0.00	SPOKANE	DS	DMJNKOR YXZVBW	A 5.20Pm
62606	27	8.20	5.82	5.82 ORCHARD AVE.			4.55
62607	9	8.25	6.98	1.16 MILLWOOD		X	4.50
62618	18	A 9.30Am	18.29	11.31 SPOKANE BRIDGE		V	L 4.10Pm

**BETWEEN SPOKANE BRIDGE AND GIBBS  
C. M. ST. P. & P. RY. TIME TABLE AND SPECIAL INSTRUCTIONS WILL GOVERN.**

62630	57	L 10.30Am	30.53	GIBBS		VZX XRDY	A 3.00Pm
62632		A 10.50Am	31.97	1.45 COEUR d'ALENE	CA	PVZW	L 2.50Pm
		2.50 11.28		Time Over Subdivision Average Speed Per Hour			3.30 9.13

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



## WESTWARD EIGHTH SUBDIVISION EASTWARD

Station Numbers	Capacity of Tracks	Time Table No. 108		Distance from Spokane	Telegraph Calls	SIGNS
		Effective April 24, 1966 PACIFIC STANDARD TIME				
STATIONS						
63094	42	.....	MOSCOW	96.08	MO	KDYXVW
63086	18	.....	VIOLA	88.17		
63680	04	.....	PALOUSE	81.67	PA	DYV
63069	88	.....	GARFIELD	70.64	GF	DWM
63057	68	.....	OAKESDALE	58.94	KA	DVM
63644	56	.....	SPRING VALLEY	46.71		YJ
63638	40	.....	WAVERLY	39.73		
63635	0	.....	WEST FAIRFIELD	36.79		
63633		.....	U. P. R. R. JUNCTION	34.19		V
BETWEEN U. P. R. R. JCT. AND N. P. CROSSING U. P. R. R. TIME TABLE AND SPECIAL INSTRUCTIONS WILL GOVERN.						
61974	117	.....	N. P. CROSSING	1.86		VM
OPERATION BETWEEN N. P. CROSSING AND SPOKANE IS OVER SEVENTH SUBDIVISION.						
61976		.....	SPOKANE	0.00	DS	DNRORYX ZVBW

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

## WESTWARD NINTH SUBDIVISION EASTWARD

Station Numbers	Capacity of Tracks	Time Table No. 108		Distance from Spring Valley	Telegraph Calls	SIGNS
		Effective April 24, 1966 PACIFIC STANDARD TIME				
STATIONS						
63837	45	.....	COLFAX	36.74	CO	YDW
63825	65	.....	STEPTOE	24.57		
63820	39	.....	CASHUP	19.57		
63815	28	.....	THORNTON	15.36		
63806	39	.....	ROSALIA	5.77	RO	DVW
63644	56	.....	SPRING VALLEY	0.00		JY

Westward trains are superior to eastward trains of the same class.  
SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 6 THROUGH 12.

## SPEED TABLE

Time Per Mile	Miles		Time Per Mile	Miles	
	Min.	Sec.		Per Hour	Min.
46	78.3		1	18	46.2
47	76.6		1	20	45.0
48	75.0		1	22	43.9
49	73.5		1	24	42.9
50	72.0		1	26	41.9
51	70.6		1	28	40.9
52	69.2		1	30	40.0
53	67.9		1	33	38.7
54	66.7		1	36	37.5
55	65.5		1	39	36.4
56	64.3		1	42	35.3
57	63.2		1	45	34.3
58	62.1		1	50	32.7
59	61.0		1	55	31.8
1	0	60.0	2	—	30.0
1	1	59.0	2	10	27.7
1	2	58.1	2	20	25.7
1	3	57.1	2	30	24.0
1	4	56.3	2	40	22.5
1	5	55.4	3	—	20.0
1	6	54.5	3	30	17.1
1	7	53.7	4	—	15.0
1	8	52.9	5	—	12.0
1	9	52.2	6	—	10.0
1	10	51.4	7	—	8.6
1	12	50.0	8	—	7.5
1	14	48.6	9	—	6.7
1	16	47.4	10	—	6.0

## ALL SUBDIVISIONS

## 1. SPEED RESTRICTIONS GENERAL.

The following speed limits apply to trains and engines operating under the conditions outlined, unless rules or conditions require a further reduction.

50 MPH—Diesel engines light or with caboose only.

40 MPH—Ore cars, Series 80,000 through 95,039, when loaded with zinc concentrates. Helper engines must be cut in ahead of this series of cars in train.

35 MPH—Trains or engines on main routes, actuating the points of spring switches: Trains or engines thru No. 20 turnouts at following locations:

Ends of double track.

East and west siding switches at:

Browning	Voleour	Naples
Triple Divide	Ripley	Colburn
Belton	Kootenai Falls	Sandpoint
Lupfer	Troy	LaClede
Stonehill	Yakt	Scotia
Ural	Leonia	

East switch eastward siding Essex.

East siding switch Vista, Fortine, Crossport.

West siding switch Rising Wolf, Libby, Newport.

West yard lead switch Whitefish.

SP&S Junction switch Fort Wright.

30 MPH—On main lines, when handling following equipment in trains, not in actual service but on own wheels: derricks, cranes, pile drivers, Jordan spreaders, shovels, wedge plows, scale test car, also ore cars series 80000 thru 95039 and air dump cars X-2000 thru X-2096, X-7000 thru X-7049 when such cars are loaded with ore or gravel.

25 MPH—Trains handling logs, rotarys; Trains or engines moving in facing point direction at spring switches without facing point lock; Trains or engines thru No. 15 turnouts at following locations:

East and west siding switches at Stryker, Elmira.

West siding switch Tobacco.

20 MPH—Train handling the following equipment on Branch Lines or on 6 degree or sharper curves of Main Lines: scale test car, ore cars series 80000 thru 95039, air dump cars X-2000 thru X-2096, X-7000 thru X-7049 when such cars are loaded with ore or gravel.

15 MPH—Trains handling the following equipment on Branch Lines or on 6 degree or sharper curves of Main Lines: derricks, cranes, pile drivers, Jordan spreaders, shovels and wedge plows.

15 MPH—Trains or engines moving thru interlockings against the current of traffic on double track; Trains or engines thru all other turnouts, except equilateral turnouts, and those shown previously in this item.

1(a). Rule 240 W of the Consolidated Code of Operating Rules is modified to permit handling Great Northern cars 60276 through 60279, 61500 through 61524 and 61000 through 61009 in passenger trains at passenger train speeds.

## 2. MOVEMENT OF DIESEL UNITS DEAD IN TRAINS.

Engine 2350 must be handled on rear of Freight or mixed trains.

Diesel engines 1 through 195 are not equipped with alignment control couplers and when in tow in freight or mixed trains must be handled singly, not in groups, and not less than 5 cars or more than 15 cars from the road engine. Other diesel units when in tow dead in trains should not be in groups of more than 5 units, such units may be handled next to road engine.

Engines 550 through 599 must have coupler alignment control blocks in "Down" position when such units are used in multiple operation.

When towing diesel engines dead in trains the following speeds must not be exceeded.

MAXIMUM SPEED	ENGINE NUMBER
50 MPH.....	1 through 195.
79 MPH.....	350 thru 375, 500 thru 512, 679, 680, 2350, 2509 thru 2523, 3026 thru 3040.
65 MPH.....	All other diesel engine units.

3. Except at points where it is necessary to classify trains, open cars loaded with poles, piling, lumber, timber, pipe, or other lading which might shift, should be placed as close as possible to the head end of train, but not next to engine, caboose, occupied outfit car or passenger car or another unprotected car containing commodities which might be subject to damage. Loaded trailer-on-flat cars are not included in this category. In double track territory, trains handling such cars must use extreme care to avoid slack running in or out when passing or being passed by other trains. In single track territory, trains handling such cars must be at stop when on siding or other track to meet or be passed by other trains, except when have more cars than siding will hold, it is permissible for such trains to pull by each other at restricted speed.

Loaded dump cars should not be handled on double track after dark, but if necessary to do so, close watch must be maintained by members of the crew, and if a car dumps its load, train must be stopped at once and protection provided as prescribed by the rules.

Great Northern flat cars series X-4800 to X-4975 and X-4410, whether loaded or empty, must be handled on rear of train only.

3(a). Trains handling flat or skeleton cars loaded with logs will not exceed 10 MPH passing over thru-truss bridges, or through tunnels. Thorough inspection of all cars of logs in train must be made at appropriate locations when train is stopped for meeting trains and other purposes, making certain train and lading are in safe condition before proceeding. Extra stops enroute will be made for this purpose when in the judgment of the Conductor it is necessary. Members of the crew must maintain a watch for logs that may have rolled off cars and if a track is fouled, take prompt action to protect trains.

On double track, Conductors must notify train dispatcher when logs are to be handled and the log train must be at stop when being passed by other trains, except when both trains are handling logs, either one should be at stop until the other train pulls by, whether on siding or double track.

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

In double track territory, logs must be secured to cars by chains or cables.

4. 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.

5. 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, except in emergency. In absence of previous advice on such cars, wire proper officer for instructions.

6. 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 snowstorms 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.

7. 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.
8. Rule 2 of the Consolidated Code of Operating Rules is modified for Great Northern Railway Company employees to the extent that a watch certificate form is no longer required. Watches of employees will be inspected by Division Officers, Rules Examiners and other designated officers.  
Rule 3(C) of the Consolidated Code of Operating Rules is amended as follows: Employees governed by time service rules must not wear wrist watches while on duty unless such watches are of an approved type. Approved type wrist watches are: Elgin, B. W. Raymond model 13/0 size, 23 jewels.  
Ball Official Standard 1604B, 13/0 Ligne, 21 jewels.  
Bulova Accutron Railroad approved model.  
Hamilton 505 RR Electric Special.  
Bulova model 23J.
9. Regarding Consolidated Code Rule 103. In addition to complying with the provisions of this rule, members of a crew will be governed by the following: When an engine, with or without cars, is about to move over a public crossing not protected by a watchman, by gates or by crossing signals in operation, a member of the crew must be on the ground at the crossing to provide protection. It is not necessary for a member of the crew to be on the ground at the crossing for a through yard transfer movement, or for a light engine movement being handled only by hostlers.
10. Employees are prohibited from riding or walking on the roof of any moving car, except when absolutely necessary in the passing of signals, and then only when they place themselves near the middle of the car.
11. The last paragraph of Rule 7(A) of the Consolidated Code of Operating Rules is revised as follows: When backing or pushing a train, engine or cars in response to hand or light signals from a trainman, the disappearance from view of the trainman giving such signals or of his light by which such signals are given must be regarded as a stop signal, except when movement is under control of a trainman on the leading car that is equipped with backup air brake hose or pipe.  
Supplementing Rules 7(A) and 12 of the Consolidated Code of Operating Rules: When movement being made is controlled by hand, flag or lantern signals, the employees involved will give or relay such signals directly to the engineer.
12. The following Uniform Code of Operating Rules are in effect in Canada.

**Rule 14. (k-a) o o —**

**Answer to 14k**

**Rule 98.** Unless protected by block or interlocking signals, trains and engines must approach the end of two or more tracks, junctions, railway crossings at grade or drawbridges, at restricted speed. Unless otherwise specified in special instructions, the speed of any train or engine must not exceed thirty-five miles per hour at interlocked railway crossings at grade until the entire movement has passed the crossing.

Unless otherwise specified in special instructions the speed of any train or engine must not exceed twenty-five miles per hour at interlocked drawbridges until the entire movement has passed the drawbridge.

Trains or engines must stop at the stop signs at non-interlocked railway crossings at grade and at non-interlocked drawbridges and not proceed until the proper signal has been given for that purpose.

**Rule 99.** When a train is moving under circumstances in which it may be overtaken by another train, lighted fuseses must be dropped off at proper intervals and such other action taken as may be necessary to ensure full protection.

When a train stops under circumstances in which it may be overtaken by another train, a flagman must immediately go back a sufficient distance to ensure full protection.

In day time, if there is no down grade toward train within one mile of its rear and there is a clear view of its rear of 2000 yards from an approaching train...at least 1000 yards;

At other times and places, if there is no down grade toward train within one mile of its rear .....at least 1500 yards;

If there is a down grade toward train within one mile of its rear .....at least 2000 yards;

The flagman must, after going back a sufficient distance from train to ensure full protection, take up a position where there will be an unobstructed view of him from an approaching train of, if possible, 500 yards, first placing torpedoes not more than 100 nor less than 50 yards apart to cause two explosions at least 200 yards beyond such position.

If necessary to go beyond the required distance, he will leave the torpedoes at the required distance as an indication of the location of his train, but must, under such conditions, also place torpedoes at the point at which an approaching train is flagged. Torpedoes so placed must not be removed.

The front of a train must be protected in the same manner when necessary.

When a train stops under circumstances in which it may be overtaken by another train, the enginemen will immediately signal the flagman to protect the rear. When ready to proceed he will recall the flagman.

After taking up position at the distance required, flagman must remain at that point until recalled or relieved and safety of the train will permit. Flagman must always on the approach of a train display stop signals.

If recalled before another train arrives, he must leave a fusee burning red at the point from which he returns, and while returning to his train, a fusee burning red must be placed at such points or times as may be necessary to ensure full protection. A fusee burning red must be left at the point from which the train moves.

When curvature, weather or other conditions require, or when snow plows or flangers may be running, extra precaution must be taken.

Flagmen must each be equipped for day time with:

- A red flag on a staff,
- At least eight torpedoes and
- Seven red fusees.

For night time and when weather or other conditions obscure day signals,

- A white light,
- A supply of matches,
- At least eight torpedoes and
- Seven red fusees.

A train should not stop between stations at a place where the view from following trains is obstructed if it can be avoided.

Conductors and enginemen are responsible for the protection of their trains.

## PROTECTION OF IMPASSABLE OR SLOW TRACK

40. (a) Before undertaking any work which may render the main track unsafe for movements at normal speed, or if rendered unsafe from any cause, trackmen, bridgemen, or other employees must provide protection by sending out a flagman with flagman's signals in each direction at least 2000 yards from the defective or working point.

(b) After going out the required distance, flagman must take up a position where there will be a clear view of him from an approaching train of, if possible, 500 yards, first placing torpedoes not more than 100 nor less than 50 yards apart to cause two explosions at least 200 yards beyond such position.

(c) Flagman must not return until recalled or relieved.

(d) If necessary to go beyond the required distance, flagman will leave the torpedoes at the required distance, but under such conditions must also place torpedoes at the point at which an approaching train is flagged.

(e) On the approach of a train flagman must display stop signals, using lighted fuses at night or in obscure weather.

(f) Trains stopped by a flagman will be governed by his instructions, and on reaching the defective or working point will there be governed by instructions of the foreman in charge.

(g) Flagmen must each be equipped for day time with:

- A red flag on a staff,
- At least eight torpedoes and
- Seven red fuses.

For night time and when weather or other conditions obscure day signals,

- A red light,
- A white light,
- A supply of matches,
- At least eight torpedoes and
- Seven red fuses.

41. On subdivisions or portions thereof specified in the time table or special instructions, Rule 40 may be modified as follows:

(a) By day place a red flag and, in addition, by night a red light between the rails 200 yards in each direction from the defective or working point, and place torpedoes on each rail to cause one explosion 200 yards beyond the red signals, also:

(b) By day place a yellow over red flag and in addition, by night, a yellow light and a red light at least 2000 yards in each direction from the defective or working point to the right of the track as seen from an approaching train, and place torpedoes not more than 100 nor less than 50 yards apart to cause two explosions 200 yards beyond these signals.

(c) Trains approaching the signals prescribed by clause (b) must stop, replace the torpedoes and proceed to the red signal prescribed by clause (a) prepared to stop and there be governed by instructions or signal of the flagman, but must not proceed until the red signal has been removed in the clear view of the engineman.

**NOTE:** The red signal must be not removed except as authorized by the foreman in charge.

(d) When weather or other conditions obscure day signals, night signals must be used in addition.

43. When the nature of the defect does not require stop to be made, and after speed restriction has been placed by train order and the foreman so advised, Rules 40 and 41 may be modified as follows:

(a) By day place a yellow flag and, in addition, by night a yellow light at least 2000 yards in each direction from the defective point to the right of the track as seen from an approaching train, also:

(b) By day place a green flag and, in addition, by night a green light in each direction immediately beyond the defective point.

(c) Trains must reduce speed to comply with requirements of the train order, and must not increase speed until the entire train has passed the green signal.

(d) When weather or other conditions obscure day signals, night signals must be used in addition.

44. On subdivisions or portions thereof specified in the time table or special instructions, when the main track is found to be unsafe for movements at normal speed but safe for speed of ten miles per hour or more, Rule 41 may be modified as follows:

(a) By day place a yellow flag and, in addition, by night a yellow light 200 yards in each direction from the defective point to the right of the track as seen from an approaching train, also:

(b) By day place a yellow over red flag and, in addition, by night a yellow light and a red light at least 2000 yards in each direction from the defective point to the right of the track as seen from an approaching train, and place torpedoes not more than 100 nor less than 50 yards apart to cause two explosions 200 yards beyond these signals, also:

(c) By day place a green flag and, in addition, by night a green light in each direction immediately beyond the defective point.

(d) Trains must stop and replace torpedoes on each side of the defective point, and must reduce speed to ten miles per hour before passing the yellow signal and must not increase speed until the entire train has passed the green signal.

(e) When weather or other conditions obscure day signals, night signals must be used in addition.

(f) The foreman must report the condition to the train dispatcher as soon as practicable, and when advised that speed restriction has been placed by train order must mark the defective point as prescribed by Rule 43.

45. In providing protection each main track must be regarded as a track upon which trains may run in either direction. Where two main tracks are on the same roadbed, flags and lights required to be placed to the right of the track as seen from an approaching train under Rules 41-44 inclusive must be placed to the outside of the track affected and not between the two main tracks.

46. When flags or lights are placed as set forth in Rules 41-45 inclusive they will be mounted on staffs and elevated so there will be an unobstructed view of them from an approaching train.

47. Where the use of torpedoes is required, duplicates should be placed on the opposite rail to explode simultaneously.

48. Torpedoes must not be placed near stations nor on public crossings at grade.

49. A sign bearing figures indicating permissible speeds, or the word **SLOW**, placed at the side of the track will indicate a permanent slow order; its location and speeds permitted will be specified in the time table or special instructions.

## FIRST SUBDIVISION

(Main Line)

### 1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.

Between	Passenger	Freight
Cut Bank and Troy .....	79 MPH	60 MPH

### 2. SPEED RESTRICTIONS.

Cut Bank, Bridge 1090.8 .....	30 MPH
Columbia Falls.....Trains 81 and 82 passing station.....	45 MPH

### 3. TRAIN REGISTER EXCEPTIONS.

Cut Bank, first class trains and passenger extras register by ticket.



Register of regular trains at Cut Bank will cover their arrival at Blackfoot.

Register of regular trains at Whitefish will cover their arrival at Conkelley.

Troy, First class trains and passenger extras register by ticket.

4. **CLEARANCE PROVISIONS AND EXCEPTIONS RULE 83(B).**  
All trains require clearance Form A at Whitefish. Such clearance will confer the same authority as though received at initial station.

5. On arrival at Essex, eastward freight trains requiring helper engine assistance will come to a stop and make full application of air brakes and leave applied until proceed signal received from helper engine. Helper engine will be coupled against rear of caboose and immediately make back up movement to ascertain positive coupling.

6. Summit is a regular inspection point where stop shall be made for the inspection of freight and mixed trains. Westward freight trains will pull rear end of train clear of end of double track to avoid delay to eastward trains.

On arrival at Summit, eastward freight trains with helper engine assistance behind caboose must come to a stop clear of the end of double track. Under no circumstances whatsoever will anyone be allowed to ride in the caboose within the limits of helper territory while helper engine is shoving against the rear of train. Train crew must ride in rear cab of helper engine, using rear headlight for center of track inspection when necessary.

7. When outfit cars or passenger equipment handled on rear of freight trains or when stockmen, messengers, etc., are carried in the caboose, helper engines must be cut into train.

8. **CROSSOVERS ON DOUBLE TRACK.**

FACING POINT	TRAILING POINT
Cut Bank	Sundance
Summit	MP 1110
Blacktail	Essex, east crossover
Essex, west crossover	Columbia Falls, west crossover
Columbia Falls, east crossover	Half Moon

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

Cut Bank—end of double track east and west end Bridge 1090.8.

Summit ..... End of Double track.  
East switch westward siding.

Switch at end of double track and westward siding above points controlled by operator at depot.

Tobacco ..... West siding switch.  
Controlled by operator at Eureka.

10. **AUTOMATIC INTERLOCKINGS.**

Nimrod ..... Single Track Bridge 1165.3

Pinnacle ..... Single Track MP 1173.2 to 1177.6

Red Eagle ..... End of double track.

Conkelley ..... End of double track.

Whitefish ..... End of double track.

**Nimrod and Pinnacle:**

Trains or engines stopped by a stop indication at entrance to Pinnacle interlocking will be governed by Rule 509.

Trains and engines approaching interlocking holding instructions requiring them to wait to permit other trains or engines to move through interlocking will stop before passing "Approach Control Nimrod" and "Approach Control Pinnacle" sign for track they occupy and wait until their train rights permit them to proceed.

At eastward and westward home signals a switch key controller fastened to the side of the instrument house near the home signals and a third switch key controller placed in the depot at inspection point for westward trains just east of interlocking, to assist in moving trains when home signal displays Stop-indication account plugs in slide fence pulled out. When trains

or engines receive a Stop-indication at home signal and no conflicting train movement is evident, trainmen should operate key controller by inserting switch key in controller and turning clockwise toward R, holding in that position for a few seconds. If home signal clears after operating key controller, train may proceed through interlocking at restricted speed, looking out for rocks or other obstructions fouling track. If home signal does not clear by operation of key controller, train must be governed by train rights, Interlocking Rules and Special Instructions stated above.

A work train key controller, so marked, is located on side of instrument house at west end of interlocking. Work train occupying eastward track must release interlocking for other train movements by inserting switch key in controller and turning clockwise toward "R", holding key in that position for a few seconds. To clear home signal again for work train movement to single track, key controller must be operated counterclockwise toward "N".

Indicator consisting of red banner on white background in a cast iron case marked "Trainmen's Indicator", and fastened to the west cantilever mast at Nimrod Interlocker.

The red banner, normally vertical, will change to horizontal position to indicate approach of eastward train on eastward track when train is 8000 feet west of cantilever mast.

Pinnacle, signals located to left of track to govern movements against current of traffic to single track at each end of interlocking.

Hand throw switch equipped with electric lock located at the west end of the eastward siding at Blackfoot, Montana is to be operated as follows:

Eastward trains or engine occupying the main track desiring to use the eastward siding must have train or engine moving from one to three miles per hour over a designated point marked by orange posts placed on both sides the main track located 80 feet in advance of the switch points.

Westward trains or engine occupying the main track desiring to use the eastward siding must move over designated point marked by orange posts placed on both sides the main track located 80 feet in advance of the switch points before making the reverse movement at one to three miles per hour.

11. Double track extends between Summit and Red Eagle except Nimrod and Pinnacle single track interlockings.

12. **CONDITIONAL PASSENGER STOPS.**

No's. 31 and 32 will stop at Cutbank to receive or discharge revenue passengers from or to points Williston and east or Spokane and west where scheduled to stop, and will stop at Libby to receive or discharge revenue passengers from or to points Minot and east or from or to points Spokane and west where scheduled to stop.

13. Westward Approach Signal to end of double track Red Eagle, Montana has been changed to double aspect signal indicating yellow over green when route is properly lined for a westward train to proceed from westward main track to single track. This aspect is named "approach diverging route" and indication is "approach next signal prepared to proceed on diverging route." This signal aspect is covered in CMStP&P R.R. Block and Interlocking Rule 240-E Figure 7, and this rule will apply to and govern Great Northern train and engine movements at this location.

14. Consolidated Code of Operating Rules No. 251, 251(A), 253 and 254 apply on Eastward and Westward tracks between Cut Bank and Blackfoot for train movements with the current of traffic. The use of these rules does not modify Rule 99.

15. Plum Creek Plywood Mill, Columbia Falls. Spur must not be used for switching. When switching required, cars must be pulled from this track, switch lined back for the wye and switching will be done at south wye switch. When placing cars on this track, air must be cut into cars and air brakes operating.

16. Summit has balloon track instead of wye track.

## SECOND SUBDIVISION

(Main Line)

### 1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.

Between	Passenger	Freight
Troy and Fort Wright .....	79 MPH	60 MPH

### 2. SPEED RESTRICTIONS.

Between Albeni Falls Spur and Diamond Match Mill....	10 MPH
Mead, over switches and frogs on curves Aluminum Plant .....	5 MPH
Spokane, all trains approach crossover east of bridge 270, and crossover west of Howard Street at restricted speed.	
Spokane, public crossing Howard Street .....	12 MPH
other public crossings .....	20 MPH

### 3. TRAIN REGISTER EXCEPTIONS.

Ft. Wright second subdivision trains will register by ticket. Spokane, first class trains and trains originating or terminating at passenger station will register and receive clearance.

Troy and Hillyard, First class trains and passenger extras register by ticket.

Register of regular trains at Hillyard will cover their arrival at Dean.

### 4. Rules 251, 251(A), 253 and 254 apply on Eastward and Westward tracks between Fort Wright and Dean for train movements with the current of traffic.

Trains (Except First Class trains and Passenger Extras) must not enter main track between these points unless given a proceed signal at an interlocking or until permission is received from operator or train dispatcher. At Dean, a proceed indication on Eastward home signal at end of double track will confer authority to Eastward inferior trains to run ahead of Eastward superior trains to station Dean.

### 5. CLEARANCE PROVISIONS AND EXCEPTIONS RULE 83(B). Spokane, clearance issued and signed by the Superintendent will confer the same authority to a first class train as though received at its initial station.

### 6. CROSSOVERS ON DOUBLE TRACK.

Facing point.	Trailing point.
MP 1477.22 east of Br. 270, Spokane.	MP 1476 east of UP. RR. crossing, Spokane.
MP 1477.61 (Scissors) on Br. 273 west of Spokane passenger depot.	MP 1476.69 on Br. 269, Spokane.
	MP 1477.12 east of Br. 270, Spokane.
	MP 1477.61 (Scissors) on Br. 273 west of Spokane passenger depot.
	MP 1478.41 west of Br. 273, Spokane.

### 7. MANUAL INTERLOCKING.

Fort Wright ..... End of double track and SP&S Ry Jct. Whistle signals for routes:

Main Track GN Ry .....	1 short, 1 long.
Main Track SP&S Ry .....	1 long, 1 short.
Siding GN Ry .....	2 long, 1 short.

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

Troy ..... west siding switch controlled by operator at depot.

HILLYARD..... End of double track and yard lead switches east and west of yard controlled by operator in yard office.

The "home signal limits" (Rule 605) on main track extend from the westward home signals at east end of yard to eastward home signals at west end of yard.

After receiving proper signal indication and entering home signal limits at east and west end Hillyard yard, switching movements may be made between these home signals and Rule 670 will not apply.

Whistle signals for routes west end of yard:

Eastward trains,

To main track ..... 1 long, 1 short, 1 long.

To yard ..... 1 long, 1 short.

Westward trains,

To westward main track ..... 1 long.

To eastward main track ..... 2 long, 1 short.

### 9. AUTOMATIC INTERLOCKINGS.

U.P.R.R. crossing 1.17 miles east of Spokane.

After signal has cleared for either a GN or UP route the entry of a train or engine of the other railroad into their approach control will automatically start a predetermined time cycle of 2 to 4 minutes which at expiration will cause signal to go to stop position and after another time cycle of 2 minutes will clear signal for route on other railroad.

Push buttons located on home signals of all main track routes may be operated to obtain signal indication for a reverse movement. Push button emergency release is located near crossing and instructions are posted in box. Switch to the S.I. interchange just west of the crossing is electrically locked.

Dean..... End of double track.

### 10. Double track extends between Dean and Fort Wright, except at Hillyard and over bridge 274 and SP&S Jct. which is governed by interlocking signals.

### 11. Spokane, City Ordinance prohibits sounding engine whistle within city limits, except to prevent accident not otherwise avoidable or to signal an interlocking, or to communicate with a flagman.

### 12. Crews will stop all cars, locomotives or other equipment before entering the Post Office Terminal Building at Spokane, Washington.

## THIRD, FOURTH, FIFTH, SIXTH, SEVENTH, EIGHTH AND NINTH SUBDIVISIONS.

### 1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.

Between	
Columbia Falls and Somers.....	40 MPH
Bonnars Ferry and Port Hill.....	10 MPH
Troup Jct. and Dean .....	35 MPH
Kettle Falls and Republic .....	30 MPH
Spokane and Coeur d'Alene.....	25 MPH
Spokane and Moscow .....	25 MPH
Spring Valley and Colfax.....	25 MPH

### 2. SPEED RESTRICTIONS.

Kalispell, over main street crossing.....	5 MPH
Northport, wye track.....	8 MPH
Dolomite, spur tracks.....	10 MPH
Northport to Troup Jct., handling logs.....	15 MPH
Kettle Falls to Dean, handling ore.....	30 MPH
Spokane, Crestline St., UP and Milw. crossings.....	15 MPH
Millwood, public crossing .....	4 MPH
Moscow, through city limits.....	10 MPH



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

Great Northern Clearance Form A received at Nelson will clear train at Troup Jct. Kettle Falls, all trains must obtain Clearance Form A.

Seventh subdivisions trains destined Coeur d'Alene must obtain Milwaukee clearance at Spokane, returning obtain Milwaukee clearance at Coeur d'Alene.

Eighth subdivision trains destined Moscow will obtain their U. P. clearance at Dishman, on return trip obtain U. P. clearance at Fairfield.

**4. ENGINE RESTRICTIONS.**

Between Bonners Ferry and Port Hill GP-7 class heaviest permitted, additional units must be separated by not less than 5 cars.

**5. RESTRICTED CLEARANCES.**

Bridges C 7.7, 7.8 and 7.9 3200 feet west of Millwood, restricted side clearance.

Spokane, bridges 1.3 and 1.6 will not clear man on top or side of engine or car, employes must stay off side or top of cars or engines when on bridges, except in an emergency and then must exercise extreme caution.

Post Falls, Idaho, restricted side and overhead clearance at the chip loader, Post Falls Lumber Co. Spur. The lateral restricted clearance extends for 250 feet parallel to the track on this spur, employes must be extremely careful in this area.

Colfax tunnel and bridges 71.6, 72.3 and 72.4 will not clear man on side or top of engine or car.

6. Train movements between N.P. Crossing and Dishman will be governed by remote controlled signals at N.P. Crossing, at east and west ends of new yard, and east end of siding at Dishman. Indications of these signals supersede the superiority of trains between these points. When a Stop-indication is displayed on one of the signals a member of the crew must communicate with the operator and be governed by his instructions in accordance with Rule 509.

7. Northport-Waneta, Laurier-Danville, trains must not pass International Border without permission of Customs and Immigration Inspectors.

8. Canadian Maintenance of Way Flagging Rules 41 and 44 apply between Troup Junction and Boundary, U.S. and between Laurier, Wash. and Danville, Wash.

9. Coeur d'Alene, 11th Street and Mullan Ave., 15th Street and Mullan Ave. Crossings, train and engine movements over these crossings must stop before moving over and movement must be protected by a man on ground at crossing.

Coeur d'Alene, train and engines must stop and sound two blasts of engine whistle before proceeding over Diamond Drill crossing. Spokane, Trent Avenue crossing protected by watchman 7:00 AM to 11:00 PM daily, outside these hours a member of the crew must be on the ground at crossing to protect the movement. Colfax, use care when moving over North and Last Street crossings account restricted view.

**10. MANUAL INTERLOCKINGS.**

NP Crossing, 1.86 miles west of Spokane. Whistle signal for G.N. to U.P. main track, two long 1 short. Trains from Seventh subdivision to U.P. tracks will be governed by dwarf signal at base of westward two-arm interlocking signal.

**11. GATE PROTECTED RAILROAD CROSSINGS.**

U.P.R.R. Crossing 0.57 miles west of Thornton, normal position of gate is stop for Great Northern.

U.P.R.R. Crossing 0.29 miles west of Colfax, normal position of gate is stop for Great Northern.

12. Unless otherwise instructed, protection against following trains, as required by Consolidated Code Rule 99, is not necessary between points shown below. If it becomes necessary to operate a following train when there is still a train between these points, the train ahead must be notified to protect against the following train. If this is not practical the following train must be notified to protect against the train ahead.

These instructions apply between the following points and train order Form Z is not required.

Between Columbia Falls and Somers.

Bonnors Ferry and Port Hill

Spokane and Spokane Bridge

U.P. Junction at Fairfield and Moscow

Spring Valley and Colfax

## BUSINESS TRACKS NOT SHOWN AS STATIONS ON TIME TABLE

Name	Location	Capacity Cars	Switch Opens	Name	Location	Capacity Cars	Switch Opens
<b>Subdivision No. 1</b>				<b>Subdivision No. 5—Cont.</b>			
01481	Gunsight—storage track	3.25 miles east Sundance	8 West	62148	Erie	2.73 miles west Salmo	15 Both
01486	Pardue—Sammons Spur	2.00 miles west Sundance	11 East	62143	Benton Spur	2.0 miles west Meadows	6 West
				62140	Parks	4.92 miles west Meadows	7 Both
01495	Meriwether—storage track	5.97 miles east Blackfoot	12 East		Ross	3.2 miles west Meadows	9 Both
				62141	Hearn Bros. Spur	4.89 miles west Meadows	3 East
01517	Spotted Robe—stock tracks	3.56 miles west Triple Divide	60 Both	62136	ATCO Spur	0.3 mile east Fruitvale	3 East
01555	Essex Pit	2.97 miles west Essex	50 East	62132	Equipment Spur	3.11 miles west Fruitvale	3 West
				62130	Columbia Gardens	3.84 miles east Waneta, B.C.	15 Both
01591	Anaconda Aluminum Co. Storage Track	0.73 mile west of end double track Conkelley	114 Both	62129	C. M. & S. Co. Spur	0.7 mile east Int. Bdy. at Waneta	34 East
				62127	West Kootenay Power & Light Co. Ldg.	0.5 mile west Waneta	
01596	Half Moon	4.70 miles east Whitefish	46 West	62112	Janni Spur	3.3 miles west Northport	10 West
				62110	Cameron Spur	4.4 miles west Northport	17 East
01696	Warland Pit (Three Tracks)	1.04 miles east Yarnell	92 Both	62105	Dolomite Quarry Spur	1.2 miles west Marble, including trackage Spokane-Portland Cement Co., Private Yd.	251 West
	Zonolite Siding	4.8 miles east Libby (MP 1331)	49 Both		Palmers	5.31 miles west Kettle Falls	13 Both
<b>Subdivision No. 2</b>					Blue Creek	3.1 miles west Addy	19 Both
01756	Katka Spur	6.46 miles east Crossport	15 East	62041	Kulzer's Spur	1.7 miles west Valley	6 East
01761	Crossport Spur	2.0 miles east Crossport	15 East	62040	North American Non Metallica Spur	1.9 miles west Valley	4 East
01765	Idaho-Boyd Conlee Spur	0.71 mile east Bonners Ferry	36 West		Cline	1.25 miles east Springdale	18 Both
01772	Moravia	4.96 miles west Bonners Ferry	18 East	62034	Cline	1.0 mile east Springdale	8 West
01791	Emerson Spur	0.2 mile west Colburn	66 West	62033	Silica Sand Co. Spur	1.6 miles east Loon Lake	40 East
01792	Pack River Lumber Co.	0.2 mile east Colburn	15 West	62026	Loon Lake Gravel Spur		
61906	Dover connection to S. I. Ry.	2.47 miles west Sandpoint	10 East	<b>Subdivision No. 6</b>			
61924	Hedlund Lumber Co. Spur	0.8 miles east Priest River	16 West	62205	Harter Lumber Co.	1.02 miles west West Kettle Falls	10 Both
61928	Albeni Falls Spur	2.7 miles east Newport	28 East	62207	Matneys Spur	2.72 miles west West Kettle Falls	4 East
61935	Penrith Spur	3.5 miles west Newport	19 East	62211	Spokane-Portland Cement Co. Spur	1.3 miles east Boyds	12 East
61949	Elk—storage tracks	2.98 miles west Camden	20 East	62245	Consolidated Mining and Smelting Co. Spur	1.1 miles east Grand Forks	12 West
61966	Davies Spur	1.9 miles east Mead	34 East	62272	Pollard	6.54 miles west Malo	18 Both
<b>Subdivision No. 3</b>					San Poil Spur	1.0 mile west Torboy	19 East
61602	LP Gas Service Co. Spur	0.8 miles west Columbia Falls	4 East	<b>Subdivision No. 7</b>			
	Rocky Mtn. Lbr. Co. Spur	1.25 miles west Columbia Falls	9 East	62631	Northwest Tbr. Co.	1.2 miles east Coeur d'Alene	16 East
61610	Associated Seed Growers	3.5 miles east Kalispell	6 East	62629	Atlas	2.6 miles east Coeur d'Alene	34 Both
61611	Montana Saw Service Co. Spur	3.3 miles east Kalispell	5 East	62626	Huetter—connection to N.P. Railway	2.9 miles east Coeur d'Alene	15 Both
61612	Koenig Bros. Spur	2.6 miles east Kalispell	10 Both	62623	Post Falls	8.46 miles east Coeur d'Alene	12 Both
61613	Northwestern Lbr. Co. Spur	1.3 miles east Kalispell	47 East	62623	Post Falls Lumber Co.	8.46 miles east Coeur d'Alene	6 West
61614	Carter Oil Co. Spur	1.2 miles east Kalispell	9 East	62624	Idaho Veneer Co.	8.46 miles east Coeur d'Alene	6 East
	Interchange Track	0.3 miles west west wye switch, Kalispell	27 Both	62615	Liberty Lake	3.12 miles east Spokane Bridge	8 East
	Forest Products Co. Spur	On interchange track	6 West	62613	Greenacres	5.25 miles east Spokane Bridge	12 Both
61619	Monarch Lbr. Co.	4.1 miles west Kalispell	8 East	62611	Carders	4.16 miles west Millwood	5 East
61621	Erickson Bros. Spur	4 miles west Kalispell	10 East	62604	Parkwater	4.40 miles west Spokane	4 Both
61622	Balls Crossing	4.5 miles west Kalispell	4 East	<b>Subdivision No. 8</b>			
<b>Subdivision No. 4</b>				63691	Estes	3.22 miles west Moscow	15 Both
61802	Quarry Spur	1.3 miles east Bonners Ferry	4 West	63675	Grinnell	4.92 miles west Palouse	10 Both
61804	Allen's Spur	4.7 miles east Bonners Ferry	6 East	63665	Crabtree	4.06 miles west Garfield	9 Both
61807	Ritz	7.57 miles east Bonners Ferry	15 Both	63661	Sokulk	4.26 miles east Oakesdale	18 Both
61811	Watson's Spur	11.5 miles east Bonners Ferry	2 West	63660	Longwill	2.87 miles east Oakesdale	5 East
61813	DeVoignes Spur	13.2 miles east Bonners Ferry	4 East	63651	Seabury	6.61 miles west Oakesdale	11 Both
61814	Camp 5 Spur	14.1 miles east Bonners Ferry	11 Both	63649	Fairbanks	5.25 miles east Spring Valley	20 Both
61815	Seelover's Spur	15.4 miles east Bonners Ferry	2 East	63640	Jefferson	3.49 miles west Spring Valley	6 Both
61816	Copeland	16.92 miles east Bonners Ferry	18 Both	63635	Mt. Hope Industrial Spur	2.94 miles west Waverly	17 East
61817	Dehlbom Spur	17.5 miles east Bonners Ferry	4 West	63635	Old West Fairfield		25 Both
61818	Edward's Spur	18.5 miles east Bonners Ferry	8 West	63635	Old Mt. Hope		25 Both
61819	Camp 8	19.7 miles east Bonners Ferry	18 Both	63605	Dishman	7.06 miles east Spokane	16 East
61821	Harper's Spur	21.8 miles east Bonners Ferry	4 West		Includes Spear		21 West
61822	Houck's Spur	22.2 miles east Bonners Ferry	4 West	<b>Subdivision No. 9</b>			
61824	K. V. Farm Spur	24.6 miles east Bonners Ferry	5 West	63831	Manning	5.68 miles west Colfax	6 West
<b>Subdivision No. 5</b>				63811	Balder	4.76 miles east Rosalia	13 Both
62165	Hall	10.11 miles west So. Nelson	24 Both	63803	Rollins	2.54 miles east Spring Valley	11 East
62158	Ymir	17.25 miles west So. Nelson	15 Both				
62156	Fred Draper Lbr. Co. Spur	18.34 miles west So. Nelson	16 West				
62154	Boulder Mill	3.29 miles east Salmo	12 Both				