CHICAGO, MILWAUKEE & ST. PAUL RAILWAY COMPANY

COAST DIVISION

TIME TABLE NO. 8

TAKING EFFECT AT 12:01 O'CLOCK A. M. PACIFIC OR 120th MERIDIAN TIME

SUNDAY, JULY 11, 1920

SUPERSEDING COAST DIVISION TIME TABLE NO. 7

FOR THE GOVERNMENT AND INFORMATION OF EMPLOYES ONLY

F. C. DOW, Superintendent. J. L. BROWN,
Assistant Superintendent of Transportation

G. L. WHIPPLE, Superintendent of Transportation E. H. BARRETT,
Asst. to General Manager.

M. NICHOLSON, General Manager.

2 WESTV	VARD								THELLO TO CLE ELON	VE 31	015-1	DIAISIOIA						EAS	IWARD
THIRD	SECOND	CLASS		FIRST CLASS		Cap	ncity of		Time Table No. 8						FIRST CLASS		SECONE	CLASS	THIRD
95	315	63	263	15	17	Si	dings Cars	8	In Effect July 11, 1920	8	Calls		SYMBOLS	16	18	64	74	316	96
Way Freight	Mixed	Time Freight	Time Freight	Passenger	Passenger	138	. 85	nce fro		Distance froz	raph C	Office Closed Week Days	See Special Rule	Passenger	Passenger	Time Freight	Time Freight	Mixed	Way Freigh
Tues., Thurs., Sat.	Mon., Wed., Fri.	Daily	Daily	Daily	Daily	Passi Track	Other Sidings	Distance	STATIONS	Dista Cle E	Teleg		Page 8	Daily	Daily	Daily	Daily	Tue., Thur., Sat.	Mon., Wed.
	L 11.30AM	L 8.00AN	L 1.00AM	L 1.40PM	L 4.30A		Yard	0.0	OTHELLO	98.7	so		B⊛TORWC	A 4.45PM	A 2.35AM	A 7.00PM	A 7.30AM	A 6.30PM	
	f 11.50	8.25	1.30	1.47	4.38	70	10	5.5	5.5 ANSON	93.2		No Office	P	4.35	2.22	6.20	6.50	f 6.05	
	f 12.05PM	8.40	1.40	1.52	1 4.45	70			TAUNTON			No Office	P	4.28	f 2.15	6.05	6.30	f 5.50	
	s 12.30	9.05	18 2.05	2.00	s 4.57	70			5.7 CORFU		CF		w	4.18	f 2:05	5.40	5.55	s 5.30	
	f 1.05	9.45	2.45	2.13	f 5.12	70			9.7 SMYRNA			No Office	P	4.02	f 1.45	5.05	17 5 .12	f 4.50	
	f 1.40	10.10	3.15	2.22	5.22	70	20	31.1	JERICHO	67.6		No Office	P .	3.53	f 1.35	4.40	4.45	f 4.25	
L 6.15AM	15-16-64 s 2.15 L 4.15	10.40	3.45	315-316 s 2.35	s 5.32	70	90	37.8	6.7 BEVERLY	60.9	BV		⊛ OYBWCR	315-316 s 3.44	s 1.25	315 4-10	4.15	s 4.00 A 2.05	A 1.00P
	A 4.20PM							38.8	BEVERLY JCT.	59.9		No Office	J					L 2.00PM	
6.25		10.55	74 4.00	2.43	5.42	70	10	40.6	COHASSETT.	58.1		No Office	P	3.33	1.14	4.00	263 4.00		12.30
7.00		11.20	4.25	2.53	f 5.53	42			3.5 DORIS			No Office	P	3.24		3.45	3.35		12-15
7.35	200	11.45	4.50	16-64 3-12	f 6.11	70			5.5 RYE		RY		w	64-15 3.12	f 12.54	15 3.20 16 3.00	3.10		11.45
8.05		12·10 ^{ph}	5.10	3.26	6.24	70			CHEVIOT			No Office	P	3.03	12.44	2.35	2.45		11.05
8.30		12.50	5.30	3.38	s 6.36	70			BOYLSTON		-		w	2.56	s 12.37	2.10	2.25		10.40
8.50		64 1.30	5.50	3.50	6.50	70	10	62.1	5.5 RENSLOW	36.6		No Office	Р	2.40	12-21	63 1.30	1.55		10.10
s 9.45		1.50	6.10	f 4.00	s 7.05	70			KITTITAS				⊛BYWO	f 2.30	s 12.10AM	1.00	1.30		s 9.45
s 10.15		16 2.15	6.30	s 4.12	s 7.20	70	50	73.5	6 4 ELLENSBURG	25.2	NB	6.00PM to 8.00AM		s 2.15	s 11.55	12.20M	1.00		s 9.10
f 10.55		2.40	7.00	4.24	1 7.38	70	20	80.4	6.9 THORP	18.3	RP	12 Noon to 1.00PM 4.15PM to 7.15AM		2.02	f 11.40	11.55	12.35		f 8.35
64 f 11.30		3.15	17-96 7.38 8.20	4.43	96-263 f 7.58	70			8.4 HORLICK			No Office	PW	1.47	f 11.25	95 11.30	12.01		f 7.58
A 12.15PV		A 4.00PL	A 9.00AM	A 5.05PM	A 8.20A		Yard	98.7	9.9 CLE ELUM	0.0	CM		⊛ TOWCRB	L 1.30PM	L 11.08PM	L 11.00AM	L 11.30PM		L 7.00A
6.0	4.50	8.0	8.0	3.25	3.50				Schedule Time					3.15	3.27	8.00	8.00	4.30	6.00
10.1	8.0	12.3	12.3	28.9	26.2				Average Speed per Hour					30.3	28.7	12.3	12.3	9.12	10.1

OTHELLO TO CLE ELUM SUB-DIVISION

FASTWARD

SPECIAL RULES

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS

Automatic Block System is in use between Othello and Cle Elum. See Rules 221B, 311, 362 and 505B.

The following automatic block signals are placed on left hand side of track as seen from approaching train:

Signal 186-2, Eastward between Horlick and Thorp.

Signal 103-6, Eastward just west of Othello station.

2 WESTWARD

On mountain grade between Kittitas and Beverly, at meeting points made by special order the ascending train will take siding, unless otherwise specified in the order.

When passenger trains meet by special order at Beverly, the eastward train will take the siding.

Nos. 95 and 96 will carry passengers except to and from stations between Beverly and Kittitas, and will stop at all stations Cle Elum to Kittitas on flag.

Nos. 315 and 316 will lose all rights and class between Beverly and Beverly Jct. when 30 minutes or more late.

HIRD	CLASS	SECOND	CLASS		FII	RST CLA	SS	Capac Sid in (city of		Time Table No. 8					FII	RST CLA	SS		SECON	D CLASS	THIRD	CL
	91	395	63	263	15	43	17	in	Cars	from	In effect July 11, 1920	from	h Calls	Office Closed Week Days	SYMBOLS See	16	44	18	64	74	396	92	
	Way Freight	Mixed	Time Freight	Time Freight	Passenger	Passenger	Passenger	ing	182	Distance Cle Elum		ance	grap		See SpecialRule Page 8	Passenger	Passenger	Passenger	Time Freight	Time Freight	Mixed	Way Freight	2
	Tues., Thursand Sat.	Daily Except Sun.	Daily	Daily	Daily	Daily	Daily	Pass	Otho	Dist	STATIONS	Distanc Seattle	Tele			Daily	Daily	Daily	Daily	Daily	Daily Except Sun.	Mon., Wed. and Fri.	
	L 7.00M	s or	L 9.00PM	L 6.00PM	L 5.15PM		L 8.30AM		Yard	0.0	CLE ELUM	89.8	СМ		⊕WCORTB1	As 1.20PM		As 10.58PI		A 9.00PM	1000	A 3.00%	М
	7.35	betweenutes	9.25	6.30	5.29		8.44	70	28		7.5 LAVENDER	82.3		No. Office	P	1.03		10.40	7. 3 5	8.20	betw	2.30	
	7.50	hedulo between 30 minutes or	9.40	6.45	5.36		f 8.53	65	30	11.6	4.1 EASTON	78.2	EA	11.00PM to 7.00AM	YK	12.55		f10.31	7.20	8.05	30 minut	2.15	
	8.20	0 0	10.11	7.25	5.51		9.08	70	15	20.1	WHITTIER	69.7		No Office	W5ME	12.37		10.11	6.45	7.25	o o o	1.40	
		ss an Jet. v			6.00		f 9.18			24.1	KEECHELUS	65.7		No Office	W	12.26		f10.02			Jot. wh		
	8.50	both class and s Bagley Jct. who	10.45	8.05	6.10		f 9.30	E75 W80	24		HYAK	60.8	НҮ			12.17		f 9.53	6.10	6.40	both cla	1.05	_
	9.05	lose bo	11.00	8.25	s 6.20		s 9.40	E85 W75			ROCKDALE		KD		WTI	s 12.07Pll		s 9.43	5.55	6.20	lose be	12.50	_
	9.30	will to	11.25	9.25	6.34		f 9.54	70	10	36.7	5.1 BANDERA	53 1		No Office	P	11.52		f 9.25	5.30	5 50	Falls a	12.25PW	-
	17 { 19.54 10.22	No. 395 will Cedar Falls more late.	11.50	10.00	6.49		f10.08	70	22		5.3 GARCIA	47.8	GC	12.01AM to 8.00AM	w	11.38		f 9.06	5.05	5.25	No. 396 Codar F more la	16 { 1 1.52	
	10.50	205	12.15A	10.30	7.04		10.22	70	16	47.6	5.6 RAGNAR	42.2		No Office	P	11.24		8.47	4.30	4.50	20 5	10.50	
	396-16 {11.10 11.55	L 6.15AM	1.00	11.00	a 7.15	L10.00AII	□10.35	E80 W70	Yard	50.8	3.2 CEDAR FALLS	39.0	MY		WORYB⊛JZ	s11.15	As 7.05PM	s 8.40	4.15 3.30	4.35	A 1 1.55AM	17{ 1 0.35 43{ 1 0.00	
		A 6.30AM								54.8	BAGLEY JCT.	35.0		No Office	JP						L11.40A		
	12·15PM		1.20	11.25	7.23	s10·10	10.43	70		55.6	0.8 BARNESTON	34.2		No Office	P	11.00	s 6.52	8.28	3.10	3.35		9.35	
	12.30		1.35	11.40	7.29	f10.17	10.53	70			3.9 TRUDE	30.3		No Office	P	10.53	f 6.44	8.21	2.55	3.20		9.20	
						f10.22			10	62.1	LANDSBURG	27.7		No Offica	P		f 6.37						
	12.50		2.00	12.05AM	7.36	f10.26	11.03	70	18	64.4	2.3 NOBLE	25.4		No Office	P	10.43	f 6.32	8.11	2.35	3.00		9.00	
	A 1.05PM		A 2.20AM	A12.25A	A 7.42PM	As 1 0.35AM	A11.13A	85	14	67.8	MAPLE VALLEY	22.0	MV		WJR	L10.35A	Lf 6.25PM	L 8.03PM	L 2.20AM	L 2.45PM		L 8.45AM	
										71.6	CEDAR MOUNTAIN	18.2							2000				
										73.1	1.5 INDIAN	16.7											
										74.6	ELLIOTT	15.2											
	francisco de la companya della companya della companya de la companya de la companya della compa										MAPLEWOOD FARM												
										78.0	2.1 Northern Pacific Crossing RENTON	11.8	RN										
										80.4	2.4 BLACK RIVER O-W R & N R.R. Crossing	9.4	BI										
											VAN ASSELT	5.1											
										86.6	1.9 ARGO N. P. & O-W. R. & N. Crossing	3.2											
	A 3.00PM		A 5.00AM	A 2.00AM	A 8.45PM	A11.30AM	A12.15PM			89.8	SEATTLE	0.0	OW FC			L 9.45A		L 7.00PM	L12.10A			L 7.00AM	
	8.	16.0	8.	8. 11.2	3.30 26.9	1.40	3.45				Schedule Time		1			3.35 25.2	1.50 21.5	3.58	8.	8.	16.0	8.	

SPECIAL RULES EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

All trains in both directions between Hyak and Rockdale will be handled by Train Staff System. See Rules 831 and 833. Passenger trains will use 8 and freight trains 15 minutes through Snoqualmie Tunnel.

Automatic Block System is in use between Cle Elum and Maple Valley. See Rules 221-B, 311, 362 and 505-B.

The following automatic block signals are placed on left hand side of track as seen from the approaching train. Eastbound, two-unit, interlocked home signal at Black River Junction (N. P. Crossing).

Signal 48-6, Eastbound, between Ragnar and Garcia.

Signal 43-6, Eastbound, at East headblock, Garcia.

Signal 43-7, Westbound, between Garcia and Bandera.

Signal 35-6, Eastbound, at West headblock, Rockdale.

Signal 35-6, on bracket post at West end of double track, Rockdale.

Signal 35-6, tastbound, between Hyak and Whittier.

MOUNTAIN GRADE: Between Rockdale and Cedar Falls.

When meeting points are made by Train Order at Ragnar, Garcia or Bandera, the ascending trains will take siding.

Nos. 17 and 18 will stop on signal at Meadow Creek, 2.5 miles west of Whittier.

Nos. 16 and 18 stop at Renton for passengers.

Nos. 16 and 18 stop at Renton for passengers.

Head lights and Tail lights must be lighted both day and night while passing through Snoqualmie Tunnel between Hyak and Rockdale.

Hand cars, motor cars, or track velocipedes must not be run through tunnel between Hyak and Rockdale unless person in charge receives staff from the operator in accordance with the rules.

No. 44 will take siding at Cedar Falls for No. 15.

Between Maple Valley and Seattle, Pacific Coast Railroad and O-W. R. & N. Time Tables and Rules govern.

Double track at Rockdale extends from East Switch, near tunnel to a point 1200 feet west, and trains will use the left hand track moving in either direction. Staff section for the westward trains begins at West switch, Hyak, and ends at signal at west end double track, Rockdale. Staff section for eastward trains begins opposite Staff signal, Rockdale, and ends at West passing track switch, Hyak.

All closets must be kept locked in trains between east switch, Cedar Falls and Landsburg, and in city limits, Renton. Refuse must not be thrown from private, dining or other cars within these limits. Conductors will be held responsible for a strict observance of this rule.

4 V	VESTWA	ARD									BL	ACK RIVER TO TACOM	A-	SUB	DIVISION								EAS	STWARE	0
THIRD	CLASS	SEC	OND CLA	ASS		FIRST	CLASS		Capa	city of lings Cars		Time Table No. 8						FIRST	CLASS		SEC	OND CLA	ASS	THIRD	CLASS
	975	691	93	63	563	15	17	561	in	Cars	from	In effect July 11, 1920	from	h Calls	Office Closed Week Days	SYMBOLS	564	16	18	562	692	64		976	94
	OW. R. & N. Way Freight	O-W, R. & N. Time Freight	Time Freight	Time Freight	O-W.R.&N. Passenger	Passenger	Passenger	O-W.R.&N. Passenger	sing	ings	Distance Seattle		tance	egrap	Week Days	See Special Rule Page 8	O-W.R.&N. Passenger	Passenger	Passenger	O-W.R.&N. Passenger	O-W.R.&N. Time Freight	Time Freight		OW.R. & N. Way Freight	Way Freight
	Daily Except Mon.	Daily	Daily Except Sun.	Daily	Daily	Daily	Daily	Daily	Pas	Other	Dis	STATIONS	Dist	Tel			Daily	Daily	Daily ·	Daily	Daily	Daily		Daily Except Sun.	
			L 5.00PM			L 9.00PM	L12.30PM				0.0	SEATTLE.	38.1					A 9.35A	A 6.45PM						
											3.2	3.2 ARGO N. P. OW. R. & N. Crossing	34.9												
						The same					5.1	1.9 VAN ASSELT	33.0												*
	L 7.30M	L 7.15PM	L 6.23PM	L 3.15A	L11.35PM	L 9.23PM	Lf12.53PM	L10.20		Yard	9.4	4.3 BLACK RIVER Northern Pacific Crossing	28.7	BI		YWRIKJ	A 6.10AM	A 9.14AM	Af 6.23PM	A10.30PM	A 6.25AM	A12.15AM		A 2.45PM	A 5.00PM
	7.50	7.31	6.45	3.33	11.47	9.35	s 1.04	10.33	68	86	16.3	6.9 KENT	21.8	К	8.00PM to 7.00AM		5.54	8.59	s 6.08	10.14	6.05	11.47		2.15	4.30
	8.05	7.42	7.05	3.51	11.58	9.44	s 1.12	10.42	E73 W85	75	21.3	5.0 AUBURN	16.8	BR			5.42	8.49	s 5.59	10.02	5.52	11.15		2.00	3.45
	8.17	7.52	7.25	4.03	12.064	9.53	1.19	10.50	84		25.9	BENROY	12.2		No Office	P	5.32	8.42	5.52	9.53	5.40	10.55		1.47	3.10
	8.26	7.57	7.35	4.12	12.14	9.58	в 1.24	10.55	35	50	28.4	2.5 SUMNER	9.7	UX	6.00PM to 8.00AM	w	5.26	8.37	s 5.48	9.49	5.34	10.45		1.35	3.00
	8.33	8.00	7.40	4.22	12.18	10.01	f 1.28	10.59	79	32	30.2	1.8 NORTH PUYALLUP	7.9	PX	12.01AM to 8.00AM		5.22	975 8.33	ſ 5.44	9.45	5.30	10.40		1.28	2.00
1	A 9.00AM	A 8.15PM	A 8.00PM	692 564 A 4.40AN	A12.29AM	A 1 0 . 1 5 PM	A 1.40PM	A11.10AM			35.7	TACOMA JCT.	2.4	JN		RJ⊕KB	692-63 L 5.10AM	L 8.24M	L 5.35PM	L 9.35PM	L 5.154	L10.15PM		L 1.00PM	L 1.40PM
											36.6	RESERVATION	1.5												
						A10.30PM	A 1.50PM				38.1	TACOMA (Union Depot)	0.0	WR				L 8.10AM	L 5.20PM						

Schedule Time

Average Speed Per Hour

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS

RULES GOVERNING INTERLOCKING PLANT, NORTHERN PACIFIC CROSSING, BLACK RIVER.

1.20

28.7

.50

32.0

1.30

26.9

All movements are governed by distant and home semaphore signals located as follows:

1.25

18.5

.54

28.5

For	Eastward	Trains.

1.30

17.3

For Westward Trains from Seattle:

For Westward Trains from Black River Yard via Wye:

Distant signal located 2300 feet west of tower Home signal located 800 feet west of tower

1.00

26.2

3.

12.7

Distant signal located __1500 feet east of tower Home signal located ____ 800 feet east of tower Distant signal located _____1200 feet east of tower Home signal located 800 feet east of tower

Trains approaching interlocking plant, desiring to use main line to Tacoma or Seattle will sound one long blast of the whistle. Trains desiring to use wye, will sound four long blasts of the whistle.

RULES GOVERNING O .- W. R. & N. INTERLOCKING PLANT, BLACK RIVER

Train order semaphore is in front of Interlocking tower. The following whistle signals wil. be used:

Trains to O.-W. R. & N. Interchange track-1 long 1 short.

Trains Tacoma to Argo-1 long, 1 short, 1 long.

Trains Argo to Tacoma-1 long, 1 short, 1 long

Trains Argo to Renton-1 long.

Trains Renton to Argo-1 long

The upper semaphore arms and lights control for the through P C R. R Tracks and the second semaphore arms control for the diverging routes to the C. M & St. P. Tacoma line and O.-W. R. & N. Lower semaphore arm controls switching movement. Backup movements are controlled by dwarf signals.

Automatic Block System is in use between Tacoma Jct. and Black River. See Rules 221-B 311, 362 and 505-B.

Between Black River and Seattle, Pacific Coast Railroad and O.-W. R. & N. time tables and rules govern

1.00

26.3

No. 16 stops on signal North Puyallup, Sumner, Auburn and Kent for passengers, destined to Scattle and points east only

No. 16 stops at Sumner for express.

No. 16 will make regular stop at North Puyallup and Sumner, Sundays.

No. 15 will stop at Kent, Auburn, Sumner and North Puyallup to let off passengers from Seattle and east.

Nos. 563, 564, 562 and 561 will stop at Kent, Auburn, Sumner and North Puyallup only to receive and discharge passengers to and from points beyond Tacoma or Seattle and will not stop for passengers from Tacoma or Seattle.

1.25

27.3

.55

28.6

1.10

23.5

2.00

13.1

1.30

17.3

3.20

8.4

1.25

27.3

Between Tacoma Jct. and Union Depot. Tacoma, O. W. R. & N. and N. P. time tables and rules govern.

Double track in use between Tacoma Jet, and Tide Flats. Trains, or engines, on the double track between Tacoma Junction and the Tide Flats will use the RIGHTHAND track moving in either direction. Such trains, or engines, will have the right to move on the properly assigned track without trains orders, or clearance card. No trains, or engines, will exceed a speed of eight (8) miles per hour and the movement must be made under complete control at all times, so as to enable the engineman to stop within his vision at any point within these limits, expecting to find track occupied or cross-over and reverse movements being made. No movement by any train, or engine, is allowed on either track against the current of traffic, excepting under full flag protection and then only in case of emergency. Yard conductor will be held responsible for knowing that movement from N. P. Transfer Track to Tide Flats Yard against current of Traffic is fully Protected.

												11			CANDRIOTA				Concrete Made					
WESTWA	ARD	BE	T. E	BAC	GLEY JCT. AND ENU	IMC	LAV	/—SUBDIV	/ISION	EAST	VARD	WES	TWARD	E	BET	WEE	N C	EDAR FALLS AND EVE	RET	IT—	SUBDIVIS	ION	EA	STWARD 5
SECON	ND SS	Capacity Siding in Car	of		Time Table No. 8					THIRD		THIRD	CLASS	FIRST	Capac Sidi in C	city of lings		Time Table No. 8	Delta				FIRST CLASS	THIRD CLAS
39	5	III Ga.	-	rom	In Effect July 11, 1920	from	1 Colls	Office Closed Week Days	SYMBOLS See Special Rule	396			291	215			from	in effect July 11, 1920	from De	h Calls	Office Closed Week Days	SYMBOLS See	216	292
Mixe	red	oks oks	sign .	ley Jo	CTATIONS	tance	Telegraph	Wood Duje	Special Rule Page 8	Mixed			Way Freight	Passenger	ssing	Other	Distance Cedar Fu	CTATIONC	stance	Telegraph		Special Rule Page 8	Passenger	Way Freight
Daily Except		Pass Trac	Siding	Bag	STATIONS	Dist	Tele			Daily Except Sun			Daily Except Mon.	Daily	Par	Sid	ÇĞ	STATIONS	Dis	Tel			Daily	Daily Except Sun.
L 6.3	.30M	17		0.0				No Office	RJ	A11.40	М		L 7.00A	L 7.25PM			0.0	CEDAR FALLS	54.2	MY		@OYZ WRB	A 9.55AM	A 1.50PM
s 6.5	.55	37	13	2.2	Northern Pac. Ry. Crossing			No Office	W 1 Mi.E	s11.25			f 7.30	f 7.40				5.9 TANNER Northern Pac. Ry. Crossing	48.3		No Office	K	f 9.36	f 1.20
17.	.20	19			Northern Pac. Ry. Crossing			No Office		f10.55			f 8.00	в 7.45	25	9	8.0	2.1 NORTH BEND	46.2	BE	5.00PM to 8.00AM	WYR	s 9.31	f 1.10
f 7.	.30	15	46	8.4	1.3 BAYNE	9.1		No Office		f10.45			f 8.40	s 7.53	35		11.2	SNOQUALMIE FALLS	43.0	Q	5.00PM to 8.00AM		s 9.23	f12.50
f 7.	40		7	10.2	1.8	7.3		No Office		f10.35			f 9.20	f 7.57	20		12.3	TOKUL	41.9		No Office		f 9.20	f12.20PM
6.77			_		3.1			No Office		110.20			f 9.45	в 8.07	11		16.9	FALL CITY	37.3	•	No Office		s 9.08	f11.55
f 7.				13.3	2.2 ENUMCLAW JCT.	4.2				f10 20		-	f10.05	s 8.20	35	12	22.3	CARNATION	31.9	J	5.00PM to 8.00AM	w	s 8.54	f11.30
f 8.0		Q.			2.0	20		No Office	YJ	f10.10			f10.15	s 8.28	32	30	25.6	STILLWATER	28.6		No Office		s 8.46	f11.10
A* 8.	1.40	28	55	17.5	Schedule Time	0.0	CW	6.00PM to 8.00AM	WR	L10.00	M		f 10.35	s 8.42	30	75		5.4 DUVAL	23.2	VA	5.00PM to 8.00AM		s 8.32	f 10.35
10.0					Average Speed Per Hour					10.6			f11.00	f 8.57	11	85		5.6	17.6	- 8	No Office		f 8.16	f 9.55
									1				f11.30	s 9.07	20	130		4.2 MONROE	13.4	мо	10.00PM to 7.30AM	WYK	s 8.06	f 9.35
					SPECIAL R	ULF	S						111.50	3.01				G. N. RY.CROSSING	12.8		No Office	WIK	\$ 8.00	. 9.33
					ARE SUPERIOR TO WEST						SS		f12.01P	f 9.12	15	7	42.6	1.2	11.6		No Office	K	f 8.00	f 8.45
					w Jct. must be left set for the tra earance at Bagley Jct.	ICK OI	ше үү	nite River Luin	ber Compar	ny.			f12.30	s 9.25	40	30	47.7	5.1 SNOHOMISH	6.5	но	4.30PM to 7.30AM		s 7.47	f 8.20
													f12.50	f 9.30		75	II	RIVERVIEW	4.3		No Office		s 7.42	f 8.05
											252							N. P.RY. CROSSING	1.4		No Office			
WESTW	VARI) I	BET	. B	BEVERLY JCT. AND	HAP	AFOF	₹DSUB-	DIV.	EASTV	ARD		f 1.00	9.40		Yard		0.4 BELT YARD	1.0		No Office	KZ	7.34	f 7.55
SECOND CLA	ASS	Canadit			will be 0					SECO	ID CLASS		A 1.10PM					1.0 EVERETT	0.0	RT	11.00PM to 7.00AM	OBTWRZ	L 7.30A	
31	15	Capacit Sidin in Ca	gs rs	日.	Time Table No. 8 In Effect July 11, 1920	from	Calls		SYMBOLS	316			6.10	2.20				Schedule Time	-				2.25	6.10
Mix	ixed	80 80	. 6	ance fre		nce fro	raph	Office Closed Week Days	See Special Rule	Mixed			8.4	23.2				Average Speed Per Hour				-	22.4	8.4
Mon.,	Wed.,	Passi	Sidings	Dista	STATIONS	Disto			Page 8	Tue., Thur Sat.	•										la .			

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS

Nos. 291 and 292 will carry passengers.

First class trains will stop at Edgewick, Novelty, and Swanstrail for passengers and express.

Trains of all classes will approach Yard Limit boards east and west of Stillwater and Snoqualmie Falls under control expecting to find main line occupied. Trains will reduce speed to six miles per hour at Yard Limit boards and will not increase this speed in yard limits unless track is clear.

SPECIAL RULES

45.2

41.2

30.8

No Office

No Office

No Office

No Office

No Office

No Office

5.00PM to 6.00PM 7.00PM to 8.00AM

5.00PM to 6.45PM 7.45PM to 8.00AM

HN

2.00PM

s 1.35

s 1.00

s 12.30

s 12.05PM

s 11.50

\$11.30

- 11.00AM

15.0

3.0

YWR

....BEVERLY JUNCTION....

LEVERING.

PRIEST RAPIDS

6.9 VERNITA....

-HAVEN.

3.3 ..ALLARD..

....WHITE BLUFFS...

Schedule Time

Average Speed per Hour

7.8 ---HANFORD

4.0

28 14.4

9 21.3

75

30

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF SAME CLASS.

Trains cannot meet or pass at Levering, Vernita, Haven or Allard.

4.20

s 4.35

s 5.10

s 5.37

s 5.55

s 6.03

s 6.25

6.45PL

2.25

18.0

6	WESTWARD						E	BET	WE	EN TACOMA AND MOR	RTO	N—S	SUBDIVISI	ON						EA	STWARD	
		THIR	D CLASS	SECOND CLASS	FIRST	CLASS	Capa	city of lings Cars		Time Table No. 8					FIRST	CLASS	ТН	IRD CLA	ss			
		191	193	161	117	31	in	Cars	from	In effect July 11, 1920	non c	oh Calls	Office Closed Week Days	SYMBOLS See	32	118	162	192	194			
		Way Freig	ht Way Freigh	Time Freight	Passenger	Passenger	Passing Tracks	Other Sidings	Distance		Distance	Telegraph		See SpecialRule Page 8	Passenger	Passenger	Time Freight	Way Freight	Way Freight			
		Daily Except Su	n. Except Sun	Daily Except Sat	Daily	Daily	Part	Sid	Ä	STATIONS	Me	Tel			Daily	Daily	Daily Except Mon.	Daily Except Mon.	Daily Except Mon.			
					L 2.05PM	L 8.40A				TACOMA (Union Depot)	67.5	WR			A 6.15PM	A 5.05PM						
					L 2.07PM	8.42			0.	N. P. JUNCTION	67.2		No Office		A 6.10PM	A 5.00PM						
		L 9.05	L 8.00A	L10.30PM	Via Low Line	Via Low Line		40	0.	525th STREET	67.0	TC		⊛RB	Via Low Line	Via Low Line	A 2.00AM	A 2.45PM	A 1.05PM	200		
		9.10	8.05	10.35	2.09	8.44				930th STREET	66.6		No Office		6.08	4.58	1.55	2.40	1.00			
		9.40	8.30	10.59	f 2.17	s 8.55	16	65	3.	4 HILLSDALE	64.1	В	6.00PM to 8.00AM		s 5.55	f 4.48	1.30	2·17	12.40			
					f 2.21	f 8.59		30	5.	8	61.7		No Office		f 5.49	f 4.42						
		10.00	8.45	11.12	2.24	9.02	52		7.	2ALLISON	60.3		No Office		5.45	4.38	1.10	1.45	12.15PM			
		10.37	A 9.00A	A11.30P	Af 2.32PM	s 9.11	40	90	11.	5 SALSICH JCT.	56.0	SJ		YR W%ME	s 5.37	Lf 4.30PM	L12.55AM	1.25	L11.50AM		в	
		10.50				f 9.15	32		13.	1 BERKELEY	54.4		No Office		f 5.32			1.10				
		10.58				s 9.20		60	15.	3	52.2		No Office		s 5.27			12.45				
		11.05				s 9.23		9	16.	0.9 2 GRAHAM	51.3	=50	No Office		s 5.24			12.30				
		11.15	**************************************			f 9.28		20	17.	1.5 THRIFT	49.8		No Office		f 5.20			12.25				
		192 11.55				f 9.37			21.	4 TANWAX JCT.	46.1	w	5.15PM to 8.00AM	Y	s 5.13			191 11.55				
Mari		12.30	РШ			s 9.46	21	75	23.	3 KAPOWSIN	44.2	к	5.15PM to 8.00AM	wo	s 5.08			11.30				
		1.00				s10.00		8		6CLAY CITY	38.9		No Office		s 4.55			10.50				
		1.45				a10.15	21	30	32.	9EATONVILLE	34.6	v	5.00PM to 8.00AM	w	s 4.45			10.15				
		2.15				s10.24	19		36.	9 LA GRANDE	30.6		No Office		s 4.35			9.55				
		3.00		1		s10.39	32	40	41.	4.6 5ALDER	26.0	AD	5.00PM to 8.00AM		s 4.19			9.31				

23.9

17.6

20.0 H

13.5 D

0.0 MO

No Office

5.00PM to 8.00AM

5.00PM to 8.00AM

10.00PM to 6.30AM

.....RELIANCE

.....WILLIAMSON.

1.0 ELBE

.....PARK JCT.....

.....COWLITZ JCT.....

4.1MINERAL ...

.....EAST CREEK JCT...

....EAST FORKS.

1.0 LINDBERG

....MORTON.

Schedule Time

Average Speed Per Hour

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS EXCEPT NO. 31 IS SUPERIOR TO NO. 32.

Double track in use between Tacoma Jct. and Tide Flats.

Between N. P. Jct. and Union Depot at Tacoma, N. P. time table and rules govern.

3.20

3.32

4.02

4.30

A 5.05PM

8.00

6.8

1.00

11.0

Trains running into Tacoma Union Depot will register on C. M. & St. P. Register at that depot. This register to show arrival and departure at N. P. Junction.

.55

12.3

s10.46

s10.53

s11.00

\$11.56

s12.14PM

f12.18

f12.35

f12.52

f12.58

A 1.10P

4.30

.27

25.0

15

24 30

35 40

50

25

46.5

47.5

54.0

59.9

64.1

67.5

Trains running via 25th Street will register at 25th Street in Dispatcher's office.

First class trains will stop on flag at Carlson, 1.3 miles west East Creek Jct.; West Fork, 1 mile east of East Forks; Collins, .1 mile west of Allison.

.35

23.3

1.5

10.

в 4.14

s 4.06

s 4.02

a 3.55 a 3.05

s 2.54

f 2.46

f 2.28

f 2.13

£ 2.09

L 2.00PM

4.15

18.6

W

WORB

WIME

YR

9.23

9.11

9.05

8.52

L 8.30M

6.15

9.3

1.15

8.6

THIRD CLASS		SECOND	FIRST CL	LASS	Capacity Sidings in Car	of	Т	ime Table No. 8					FIRST CLASS			THIRD	CLASS	
	193	161	1	117		Sidings Distance from	- Cet	In effect July 11, 1920	Distance from Hoguiam	Telegraph Calls	Office Closed Week Days	SYMBOLS See	118	194	196	162		
	Way Freight	Time Freight			Passing Tracks Other	lings	sich		stanc	legraj		See SpecialRule Page 8	Passenger	Way Freight	Way Freight	Freight		
	Daily Except Sun.	Daily Except Sat.		Daily 2	Tra O	Sid	SS	STATIONS	HÖ	Te			Daily	Daily Except Mon.	Daily Except Sun.	Daily Except Sun.		
	L 9.00AM	L11.30PM	Lf	2.32PM				SALSICH JCT	-	SJ		YR	As 4.30PM	A 11.50AM		A12.55AN		
	9.20	11.38	f	2.39		12	3.5	LOVELAND	93.6		No Office		f 4.22	11.30		12.254		
	9.40	11.55	f	2.46	48			4.6 GREENDALE			No Office	w	f 4.13	11.10		11.55		
				2.52				3.6 ROY			No Office		4.06					
	10.30	12.15AM	5	3.00	41	50 1	5.8	4.1 WCKENNA	81.3	мс	5.15PM to 7.15AM	Y	s 3.58	10.30		11.25		
	11.00	12.40		3.15	42	2	3.5	7.7 RAINIER	73.9	RN	5.00PM to 8.00AM		s 3.44	9.45		10.55		
	11.50	1.05		3.30	39	3	1.1	OFFUTT LAKE	66.0		No Office	w	s 3.30	9.05		10.30		
	12.30PM	1.50	8	196 3.48	36			MAYTOWN		МТ	5.00PM to 8.00AM	RYJ	s 3.14	L 8.30AM	A 3.45PM	10.10		
	12.55	2.01	f	f 4.00	26			MUMBY			No Office		f 3.01		3.20	9.55		
	1.20	2.20	5	4.16		7 4	6.6	5.4 ROCHESTER N. P. Crossing	50.5	RH	5.00PM to 8.00AM		s 2.49		2.55	9.35		
	A 1.30Pl	A 2.43AM	As	4.25PM			The second secon	HELSING JCT.			No Office	K	Ls 2.45PM		L 2.50PM	L 9.30PM		
						5	0.1	INDEPENDENCE	47.0			R						
								BALCH										
								CEDARVILLE		5								
								LANKNER		2								
								RONY										
								SAGINAW		В								
								SOUTH ELMA		2								
								3.8 FULLER										
						7	18.9	SOUTH MONTESANO	18.	2								
								MONTESANO		-								
								MELBOURNE										
								PREACHERS SLOUGH		7								
								NORTH RIVER JCT.		6								
								COSMOPOLIS		4								
	9	_						SOUTH ABERDEEN		5					375.83			٠
						-		ABERDEEN	_	5								
		A 6.00A	4	A 6.25PM	-		97.1	HOQUIAM	0.	0			L12.45PM			L 6.00PM		
	4.30	6.30		3.53				Schedule Time					3.45	3.20	.55	6.55		
	10.8	14.5		25.0				Average Speed Per Hour					25.4	11.2	11.9	13.6		

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS EXCEPT No. 193 IS SUPERIOR TO No. 196.

8 WES	STWAR	D	В	ETV	VEEN MAYTOWN AND	RA	YMO	ND-SUB	DIVISIO	N E	ASTWAR
THIRD	FIRST	Capa	city of lings Cars		Time Table No. 8					FIRST CLASS	THIRD
261	217			se from	In Effect July 11, 1920	Distance from Raymond	ph Calls	Office Closed Week Days	SYMBOLS See SpecialRule	218	262
Way Freight	Passenger	Passing Tracks	Other Sidings	Distance f	STATIONS	istandaymo	Telegraph		Page 8	Passenger	Way Freight
Daily Except Sun.	Daily	T	08	DA	STATIONS	H	-			Daily	Daily Except Sun.
L 7.00M	L 3.50M		45	0.0	MAYTOWN	65.9	мт	6 PM to 8 AM	⊛-W-K-B-J O-R-Y-P	A 3.10PM	A 2.10PM
				1,5	1.5 Maytown Lbr. Co. Crossing	64.4			G		
1 7.20	f 4.04	68		7,3	5.8 ESSEX	58.6		No Office		f 2.54	f 1.40
r 7.35	f 4.11		5	10.7	Ford's Prairie Coal Co. Crossing FORAN	55.2		No Office	G	f 2.47	f 1.25
				12.5	N. P. and O. W. R. & N. R. R. Crossing BLAKESLEY JCT.	53.3			I		
s 8.15	s 4.18	69	50	13.9	centralia	52.0	CN	5 PM to 8 AM	Z-P	s 2.40	s 1.10
				14.4	Nor. Pac. R. R. Crossing	51.4			G		
				17.2	2.79 2 Nor. Pac. R. R. Spur Crossings	48.7			G		
s 8.45	s 4.27	64	100	17.6	CHEHALIS	48.3	ĊН	5.30 PM to 8 AM_	K-P-W	s 2.30	s12.30 PM
				19.7	Nor. Pac. R. R. Cros ing	48.1			I		
r 8.55	ſ 4.35	13		21.6	3.88 JOY	44.3		No Office		f 2.18	f11.50
1 9.00	f 4.40	62		23.8	WEST ADNA	42.1		No Office		f 2.13	r11.35
f 9.10	14.49		18	27.4	3.6 RUTH	38.5		No Office	P	f 2.05	f11.20
r 9.20	f 4.56		12	30.7	HOPDALE	35.2		No Office		f 1.58	f11.10
1 9.30	f 5.01	8	12	33.2	2.5 MAYS	32.7		No Office		f 1.53	f10.55
s10.05	s 5.08	58	15	36.3	3.1 Luedinghaus Bros. Crossing Nor. Pac. R. R. Spur Crossing DRYAD	29.6	YD	5.45PM to 8AM	G W-P	s 1.46	s10.40
				36.4	Nor. Pac. R. R. Crossing				I.		
262 10.20	s 5.13	18	10	37.6	Doty Lbr. Co. N. P. Spur Crossing	28.3	ту	6 PM to 8 AM	G P	6 1.41	261 810.20
				41.1	3.45 Doty Lbr. & Shgl. Co. Crossing				G		
				42.5	Doby Lbr. & Shgl. Co. Crossing				G		
10 50	15.34		25	46.8	4.31 DAVIS	19.1	ı	No Office		f 1.21	9.40
1100	f 5.38		25	48.2	BURT	17.7	7	No Office	1	f 1.16	9.30
11.10	f 5.40	58		49.1	BEDFORD	16.8	3	N Office	W-P	f 1.13	9.25
11.20	5.46		13	51.3	MACPHAIL	14.6	6	No Office		1.08	9.15
11.45	s 5.55	35	24	54.0	suticosutico	11.3	СО	6.30 PM to 8 AM	P	s12.59	8.55
11.55	s 6.00	26	22	56.5	1.6 FIRDALE	9.7	7	No Office	W-P	s12.54	8.40
12.10	f 6.10			59.4	3.2 MOOSE	6.5	5	No Office		f12.45	8.25
12.20	16.17	6	18	62.	LANDING.	3.8	В	No Office	P	f12.39	8.15
12.25	f 6.20			63.1	WILLAPA	2.8	В	No Office		f12.36	8.10
12.33	16.24	37	41	64.5		1.4	4	No Office	P	f12.33	8.05
A 1.00Pl		26	130	65.9	Nor. Pac. R. R. Spur Crossing	0.0	RD	7 PM to 8 AM	⊛-W-K-B R-O-Y	L12.30PM	
6.0	2.40	1-		-	Schedule Time Average Speed Per Hour	-			-	2.40	6.10
					SPECIAL	RU	LES			New York	

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS

Trains cannot meet and pass at Foran, Ruth, Hopdale, Davis, Moose or Willapa.
The bridge on spur track at Moose is unsafe.
No. 217-218 stop on flag at Gibbons 3.1 miles West Maytown.
Nos. 261-262 will carry passengers between Doty and Maytown.
All trains must make regular crossing stop before crossing Maytown Lumber Co.'s Railroad 1½ miles west of Maytown.

WE	STWAR	D		E	BETWEEN PARK JCT. AND ASH	FOR	D—s	UBDIVISION		EAST	WARD
FIRST	CLASS	Capa	city of lings Cars		Time Table No. 8					FIRST	CLASS
33	31	m .	Cars	from t.	In effect July 11, 1920	Distance from Ashford	oh Calls	Office Closed Week Days	SYMBOLS See SpecialRule	34	32
Passenger	Passenger	Passing Tracks	Other	Distance Park Jct.		tanc	Telegraph		Page 8	Passenger	Passenger
Daily	Daily	Pas	On	Dis	STATIONS	Dis	Tel			Daily	Daily
L 3.05PM	L11.08AM			0.0	PARK JCT	5.5		No Office	YR	As 11.56M	As 3.55PM
1 3.18	f11.18		15	3.5	3.5 NATIONAL	2.0		No Office		111.45	1 3.45
f 3.23	f11.22		25	4.5	CAMP 17	1.0		No Office		f11.40	f 3.40
As 3.30PM	As 1 1.28AII		16	5.5	ASHFORD.	0.0	F	6.00PM to 8.00AM	R	L1 1.35AN	L 3.35PM
.20	.25				Schedule Time					.21	.20
16.	13.2				Average Speed Per Hour				2.5	16.1	16.

SPECIAL RULES

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS

Except No. 31 is superior to No. 34 and No. 33 is superior to No. 32. Trains need not get Clearance card at Park Jct.

Trains of all classes will approach yard limit boards East and West of Camp 17, under control expecting to find Main line occupied. Trains will reduce speed to 6 miles per hour at yard limit boards and will not increase this speed in yard limits unless track is clear.

SYMBOLS

S—Standard Clock
W—Water
C—Coal
O—Oil
R—Register

T—Turntable
Y—Wye
P—Dispatchers Te-ephone
I—Interlocked
G—Gated.

B-Bulletin Boards
J-Junction
Z-Track Scales
J-Refreshments
K-Connection with a Foreign Road

RAYMOND-MAYTOWN SUB-DIVISION RAILWAY CROSSINGS INTERLOCKED

The home and distant signals used in operating the interlocking plants at Dryad, Chehalis and Blakesley Jct. are upper quadrant.

At Chehalis and Dryad, the home signals are mechanically operated, two position. At Blakesley Jct. the home signals are electrically operated, two position. All distant signals are three position, semi-automatic.

TONNAGE RATING

A South Read to								
	EASTWARD							
CLASS OF POWER	TACOMA TO BLACK RIVER	BLACK RIVER TO CEDAR FALLS	CEDAR FALLS TO HYAK	HYAK TO KITTITAS	KITTITAS TO BOYLSTON	BOYLSTON TO BEVERLY	BEVERLY TO OTHELLO	THROUGH EFFICIENCY RATING
K-1	2500	950	500	3000	550	2200	2200	2030
N-1 & 2	5000	2200	1100	5000	1150	3000	3000	3445
E. F.	5000	3000	1400	5000	1500	3000	5000	3972
	WESTWARD							
	OTHELLO TO BEVERLY	BEVERLY TO BOYLSTON	BOYLSTON TO CLE ELUM	CLE ELUM TO HYAK	HYAK TO CEDAR FALLS	CEDAR EALLS TO TACOMA		THROUGH EFFICIENCY RATING
K-1	3000	400	1600	1100	2200	2500		1992
N-1 & 2	5000	800	3500	2500	2500	5000		3700
E. F.	5000	1100	5000	3000	3600	5000		4216

The rating shown above may be increased or decreased by order of the Chief Dispatcher.

TONNAGE REDUCTION FOR WEATHER CONDITIONS.

10 to 20 above	Reduce 10 per cent.
Zero to 10 above	Reduce 15 per cent.
Zero to 10 below	Reduce 20 per cent.
10 to 20 below	Beduce 30 per cent.

That part of Rule 19 and D-19 in the Book of Rules and Regulations pertaining to the kind of marker to be displayed is changed to read "By day a green flag or marker lamps not lighted."

All trains must obtain Clearance Card Form A or A1 before leaving initial station on each Sub-Division.

Conductors of all trains will register in person at Registering Stations unless authorized by special rule or by instructions of Train Dispatcher to Register by card.

SPECIAL RULES AND INSTRUCTIONS REGARDING THE OPERATION OF TRAINS ON MOUNTAIN GRADES

Location will be Specified on Time-Tables

ASCENDING

- 1. When no helper power on rear, the last car must be one that is equipped with a good hand brake and a trainman stationed upon it at all times. Conductors are responsible for having trainmen properly stationed.
- 2. When power is used on rear of freight trains, it must be in advance of boarding outfits, empty flat cars or cars of insufficient strength to safely resist the push of such engines.

DESCENDING.

- 3. Before commencing descent enginemen and conductors will be held responsible for thoroughly ascertaining condition of brakes and train and determining the method that will be followed in controlling its descent. They will not start until it is positively known that the train can be handled safely. To afford the enginmen an opportunity to recharge and retain maximum air pressure at all times. conductors, will confer with enginemen as to the number of retaining valves to be turned up and will be responsible for the number required in service. When retainers are used, they will be turned up, commencing at the head end of the train. As a rule, all available retainers should be used on freight trains.
- 4. An air brake test will be made before commencing descent, which must be carefully supervised by the conductor. Such tests shall be made by setting the brakes and leaving them set while a trainman walks from each end of the train toward the middle, who must observe that the piston travel is properly adjusted, not less than four inches nor more than eight inches, that retainers are in good condition and that hand brakes are ready for operation. If any of the air-brake apparatus is out of order, the air will be cut out on such car and "Air Cut Out Cards" attached to car. Conductors must notify engineman when air is cut out on a car, or any change made in the brake equipment, and see that proper test is made after every such change.
 - 5. Same rule to apply before commencing ascent.
- 6. Approach and commence descent at slow speed, applying retainers before starting and keep them applied until the actual foot of grade is reached.
- 7. Brake resistance decreases as speed increases; speed, therefore, must be controlled from the start.
- 8. Immediately after starting, engineman will apply air, ascertaining at once, and while speed is slow, as to the holding power of the brakes. Speed of trains will be governed by local conditions and must in no instance exceed that at which they can be quickly brought to a stop.
- 9. Should air hose burst while descending, sand must be used and train stopped as quickly as possible. When stopped the engineman will reverse his engine and use steam enough to hold it against the train and trainmen will set a sufficient number of hand brakes to insure holding the train should the air release. Hand brakes must remain set until the train is again fully charged with air. The engineman will notice by the air guage that train pipe is empty and occassionally move the handle of enginemen's valve quickly from "lap" to full release and back to "lap" to show trainmen by escape of air the location of damaged hose or pipe. While an air hose is being changed train pipe cocks must not be closed on account of danger of forward brakes releasing.
- 10. Use air brake facilities to full extent, supplementing them with hand brakes only when necessary for the safe handling of the train. When necessary to use hand brakes, do so with judgment, avoid flattening wheels and make full use of them when called for by signal from the engineman.
- 11. Trainmen must watch closely for excessive heating of wheels, and if any are found the train must be brought to a stop and remain standing a sufficient length of time to allow them to cool.
 - 12. Pushing cars ahead of engines on descending grades is prohibited.
- 13. Freight trainmen will not be required to ride on top of trains in electrified territory unless some real emergency condition exists which, in the jucgment of the conductor of the train, would require special attention from some member of the crew located on top of a car. These instructions not to be considered as relieving trainmen from the necessity of getting on top of cars while switching opperations are carried on, when necessary to do so.

GENERAL

- 14. Air will be operated from the leading engine, and will, if continuous, be cut through to helper and include such air cars as may be in the rear of it, making air continuous from leading engine as far back as conditions will permit.
- 15. When two or more locomotives are handling a train, the cut-out cock in brake pipe underneath the engineman's brake valve must be closed and the brake valve handle carried in running and straight air in release position on all locomotives except the one from which the brakes are operated.
- 16. If for any reason it becomes necessary to cut off road engine from train, it shall be known positively before doing so that the train is properly secured with hand brakes or blocks. The engine shall not be uncoupled until the conductor so directs. This is a matter that must be handled personally by the conductor and engineman, who will be held equally responsible for safety of train.
- 17. When cars are placed on sidings on mountain or maximum grades, they shall be left on the down-hill end of same as near derail as practicable, the air released, hand brakes securely applied and wheels blocked before detaching engine from cars.
- 18. When a freight train is to stop, all trainmen will remain on the train until it comes to a stop and has been properly secured by hand brakes. In the case of a descending train the air should be released after the train is secured by hand brakes, to enable the engineman to recharge the train before starting.

ELECTRIFICATION

When, for any cause, trouble is experienced on trolley or other over-head wires causing a dangerous condition, any one is authorized to order power shut off from nearest sub-station, reason for requesting power to be shut off must be given the train dispatcher as soon as possible. Lines should not again be energized until so authorized by the train dispatcher.

In case of accident causing live trolley wires to come in contact with cars or buildings being in danger of fire, first thing to be done is to kill the line by getting in communication with nearest sub-station or train dispatcher, and Pyrene tank should be immediately taken from motor and fire extinguished.

In cases where feeder switches are opened, first get in communication with nearest sub-station or train dispatcher, kill the line, then open the switches, then proceed to flag any approaching train as per rule 99. This to avoid bridging air-gaps.

Whenever pantographs or fishpole collectors are lowered, they must not be again raised in contact with trolley wire without first giving the following whistle signal one-half minute in advance; two short one long and two short blasts. In case there is no air pressure on the motor the bell must be rung and a personal inspection made to insure that personal injury will not result when collectors are raised.

Yard limit boards are located as follows:

East and West Othello East and West Cle Elum East and West Hillsdale East and West Easton East and West Salsich Jct. East and West Garcia East and West Cedar Falls East and West Tanwax Jct. Maple Valley East and West Kanowsin East East and West Kent East and West Eatonville East and West Auburn East and West Elbe East and West Sumner East and West Camp 17 East and West Mineral, Including East Creek Jct. Tacoma Jct. East and West Snoqualmie Falls East Morton
East and West McKenna East and West Carnation East and West Rainier East and West Maytown East and West Stillwater East and West High Rock East and West Monroe East and West Snobomish East and West Riverview Yard Limits extend from Yard Limit Board West of Rockdale to Staff Signal.
Yard Limits extend from Yard Limit Board East Belt Yard to End of Riverside Line Yard Limits extend from Yard Limit Board 3000 feet East of Tacoma Jct. to End of Track on 25th St. Line. West of Maytown.
East and West Centralia.
East and West Chehalis.
East and West Dryad. East and West Doty. East and West Sutico. East Raymond.

MILWAUKEE HOSPITAL ASSOCIATION

ASSOCIATION SURGEONS

Dr. Albert I. Bouffleur, Chief Surgeon, Seattle, Wash. Dr. H. Eugene Allen, District Surgeon, Seattle, Wash. Dr. H. G. Willard, Local Surgeon, Tacoma, Wash. Dr. C. Leaverton, Asst. Surgeon, Tacoma, Wash. Dr. Wm. B. McCreery, Local Surgeon, Tacoma, Wash. Dr. Chas. R. McCreery, Asst. Surgeon, Tacoma, Wash. Dr. A. G. Nace, Asst. Surgeon. So. Tacoma, Wash. Dr. W. L. Ludlow, Local Surgeon, Kapowsin, Wash. Dr. A. W. Bridge, Local Surgeon, Eatonville, Wash. Dr. S. Rogers, Local Surgeon, Mineral, Wash. Dr. J. W. Pine, Local Surgeon, Morton, Wash. Dr. J. W. Pine, Local Surgeon, Rainier, Wash. Dr. J. H. Fitz, Local Surgeon, Montesano, Wash. Dr. J. H. Fitz, Local Surgeon, Montesano, Wash. Dr. J. B. Kinne, Local Surgeon, Aberdeen, Wash. Dr. A. J. McIntyre, Local Surgeon, Hoquiam, Wash. Dr. A. J. McIntyre, Local Surgeon, Puyallup, Wash.

Dr. W. B. Mitchell, Local Surgeon, Sumner, Wash. Dr. B. E. Hoye, Local Surgeon, Auburn, Wash. Dr. C. B. Hoffman, Local Surgeon, Kent, Wash. Dr. W. C. Speidel, Local Surgeon, Seattle, Wash. Dr. A. Bronson, Local Surgeon, Renton, Wash. Dr. F. J. Shadd, Local Surgeon, Selleck, Wash. Dr. W. D. Merrit, Local Surgeon, Selleck, Wash. Dr. H. K. Stockwell, Local Surgeon, Monroe, Wash. Dr. E. A. Stafford, Local Surgeon, Monroe, Wash. Dr. F. R. Hedges, Local Surgeon, Everett, Wash. Dr. F. W. McKnight, Local Surgeon, Cle Elum, Wash. Dr. W. A. Taylor, Local Surgeon, Ellensburg, Wash. Dr. H. L. Petit, Local Surgeon, Chehalis, Wash. Dr. J. T. Coleman, Local Surgeon, Chehalis, Wash. Dr. E. W. Stevens, Local Surgeon, Doty, Wash. Dr. Maclennan, Local Surgeon, Raymond, Wash. Dr. Maclennan, Local Surgeon, Raymond, Wash. Dr. J. D. McCrary, Local Surgeon, Othello, Wash. Dr. J. D. McCrary, Local Surgeon, Kittitas, Wash. Dr. A. H. Winkel, Local Surgeon, Kittitas, Wash.

ASSOCIATION HOSPITALS

Providence Hospital, Seattle, Wash. Lakeside Hospital, Seattle, Wash. St. Joseph's Hospital, Tacoma, Wash Providence Hospital, Everett, Wash. Roslyn Cle Elum Hospital, Cle Elum, Wash. Ellensburg General Hospital, Ellensburg, Wash. Riverside Hospital, Raymond, Wash. St. Helen's Hospital, Chehalis, Wash. Hoquiam Hospital, Hoquiam, Wash.

Stretchers at Othello, Beverly, Ellensburg, Cle Elum, Rockdale, Cedar Falls, 25th Street, McKenna, Ashford, Mineral and Black River.

SPEED RESTRICTIONS

The speed of passenger trains will normally be that prescribed by the schedule, but where trains have been delayed the speed will be so moderately increased above that prescribed by the schedule as in the judgment of the conductor and engineer in charge of the train, may be prudent; due consideration being always given to conditions of track, comfort of passengers and all the circumstances.

The speed of freight trains will not exceed twenty miles per hour. The speed will be reduced below this maximum to whatever extent may be necessary for safety, in view of the condition of track and equipment.

The following speed restrictions will be strictly observed:

Passenger trains ascending or descending mountain grade between Kittitas and Beverly must not exceed twenty-eight miles per hour, nor twenty-five miles per hour between Rockdale and Cedar Falls. Where track is rough or view obstructed on mountain grade or at other points, speed must be reduced to a limit that will insure safety.

Class K-1 engines in passenger service and equipped with swing motion trucks will not exceed thirty-five miles per hour; when equipped with rigid trucks will not exceed twenty-five miles per hour. Class L engines on passenger trains must not exceed thirty-five miles per hour.

Freight engines with single trucks will not be permitted to run in excess of thirty-five miles when handling or helping passenger trains

Passenger trains will not exceed twenty-five miles per hour and freight trains fifteen miles per hour through tunnels and snow sheds.

Mallet engines must not be run to exceed twenty miles per hour and at any point where conditions require it, a reduction of speed must be made to meet the requirements.

Speed of steam engines while running in back-up motion will not exceed twenty miles per hour on tangent track and fifteen miles per hour on curves of three degrees or over. The speed to be further reduced where instructions or local conditions require it; provided, that passenger engines equipped with back-up head lights and pilots may run thirty miles per hour.

Trains will not exceed ten miles per hour while passing through turnouts or crossovers.

Trains handling special equipment will not exceed the following speeds:

Rotary snow plows, twenty-five miles per hour.

Lidgerwood unloaders, fifteen miles per hour.

Steam shovels and steam ditchers, twenty miles per hour.

Passenger trains will not exceed fifty miles per hour at any point.

Local excursion or special trains will not exceed twenty-five miles per hour. Through excursion or special trains will not exceed time table time of regular passenger trains.

Trains having mail for where they do not stop will slow up to fifteen miles an hour for dispatching this mail.

Trains run for the special purpose of handling steam wrecking derrick will observe the following speed restrictions:

Tacoma to Seattle, thirty miles an hour, except over long bridges where speed will be reduced to twenty miles per hour unless otherwise directed by slow order.

Seattle to Cedar Falls, Hyak to Othello, thirty miles per hour. Reduce to fifteen miles per hour over long bridges.

Cedar Falls to Rockdale, twenty miles per hour. Reduce to fifteen miles per hour around sharp curves.

Everett Line, Cedar Falls to Carnation, fifteen miles per hour.

Carnation to Everett, twenty miles per hour. Reduce to fifteen miles per hour over bridges.

Enumclaw Line, fifteen miles per hour.

Willapa Harbor Line, Maytown to MacPhail, twenty miles per hour. Reduce to fifteen miles per hour over bridges.

MacPhail to Raymond, fifteen miles per hour.

All trains will be under control approaching bluffs and rock cuts where slides and rock are liable to obstruct track and will cross all high bridges slowly.

Freight trains hauling logs will not exceed fifteen miles per hour on any line.

MAIN LINE

Passenger trains will not exceed twenty-five miles per hour around curves between Taunton and Smyrna, nor thrity-five miles per hour around other curves between Othello and Cle Elum.

Freight trains will not exceed fifteen miles per hour around curves between Taunton and Smyrna and between Thorp and Cle Elum.

Eastbound freight and passenger trains between Boylston and Beverly will stop at Rye to permit trainmen to inspect trains and to cool the wheels. In above district if trains are handled by exclusive regenerative braking, they need not stop for inspection or to cool wheels.

Trains will reduce speed to twenty miles per hour over bridge FF-16, one and seven-tenths (1.7) miles West of Easton.

Passenger trains will reduce to thirty miles per hour around curve at Nelson's Cut, East of Lavender.

Passenger trains will reduce speed to fifteen miles per hour passing staff office at Hyak.

Freight trains will reduce speed to fifteen miles and passenger trains to twenty miles per hour around curve at Sumner.

No train or engine will exceed eight miles per hour between Tacoma Junction and Tide Flats yard.

Trains will not exceed six miles per hour through coach yard Tacoma and ten miles per hour over Puyallup River bridge east of Tacoma coach yard.

Trains will not exceed eight miles per hour through City Limits of Auburn and Kent.

Westbound freight trains between Rockdale and Cedar Falls will stop at Garcia to permit trainmen to inspect train and to cool wheels. In above district if trains are handled by exclusive regenerative braking, they need not stop for inspection and to cool wheels.

EVERETT AND ENUNCLAW LINES

Do not exceed fifteen miles per hour over Tokul Creek bridge FF-842 West of Tokul.

On grades between Cedar Falls and Tanner and between Bagley Junction and Selleck, passenger trains must not exceed twenty-five miles per hour.

Freight trains on Enumclaw line will not exceed fifteen miles per hour.

NATIONAL PARK LINE

Between Hillsdale and Tacoma, eastward passenger trains will not exceed fifteen miles per hour and freight trains will not exceed twelve miles per hour.

Passenger and freight trains will not exceed ten miles per hour between LaGrande and three and one-half miles West.

Trains approaching street railway crossing at Midland will reduce speed to ten miles per hour four hundred feet before reaching the crossing and sound railway crossing whistle.

Passenger trains will not exceed thirty-five miles per hour and on maximum grade between Tacoma and Hillsdale will not exceed schedule time.

Freight trains will not exceed twenty miles per hour.

All trains will run carefully on Ashford line and particularly when making back up movements.

WILLAPA HARBOR LINE

Passenger trains will not exceed twenty miles per hour and freight trains fifteen miles per hour between Firdale and MacPhail.

Passenger trains will not exceed thirty-five miles per hour and freight trains eighteen miles per hour between MacPhail and Maytown.

Trains handling rotary snow plows, lidgerwoods and ditchers will not exceed fifteen miles per hour.

Trains must approach and pass over street crossings at Chehalis and Centralia at a speed not to exceed six miles per hour. When switching over these crossings engine and trainmen must exercise special care in the protection of street traffic.

All trains must be under full control before reaching East switch at Sutico.

HANFORD LINE

Trains will not exceed twenty miles per hour.

Trains will run carefully around curves between Levering and Vernita and at other points where track conditions or special orders restrict the speed.

Special Regulation

Trains at night come to full stop before crossing avenue D, Snohomish, and brakeman go to crossing and flag train across, acting n place of regular flagman.

The following ruling by Interstate Commerce Commission.

"In long distance movenemts, and in handling of cuts of cars over main line tracks where opposition to regular schedule trains may require emergency stops, switching, or transfer, trains must have the percentage of air required by law, which is 85 per cent."

All trains moving between Tacoma Junction and Hillsdale must comply with these instructions. Also trains between Everett station and Belt Yard and also when using main line at any time in Seattle terminals.

Yardmaster will personally know that this rule is being enforced.

"Should a train be held for thirty minutes at a station where there is no telegraph office, the conductor will report to the train dispatcher on the telephone for orders."

SPEED TABLE

60 miles per hour is equivalent to one mile in 1 minute and 0 seconds.	35 miles per hour is equivalent to one mile in 1 minute and 43 seconds.
55 miles per hour is equivalent to one mile in 1 minute and 5 seconds.	30 miles per hour is equivalent to one mile in 2 minutes and 0 seconds.
50 miles per hour is equivalent to one mile in 1 minute and 12 seconds.	25 miles per hour is equivalent to one mile in 2 minutes and 24 seconds.
45 miles per hour is equivalent to one mile in 1 minute and 20 seconds.	20 miles per hour is equivalent to one mile in 3 minutes and 0 seconds.
40 miles per hour is aguivalent to one mile in 1 minute and 30 seconds	15 miles per hour is equivalent to one mile in 4 minutes and 0 seconds

COMMERCIAL TRACKS

Othelio-Cle Elum Line

Regal	3.5 miles east of Ellensburg. 3.6 miles west of Ellensburg. 2.6 miles west of Thorp.
Benson	5.5 miles west of Horlick.

Cle Elum--Seattle Line

Bruff		3 miles East of Whittier.
Meadow Creek	.U. S. R. S 770 ft.	2.5 miles west of Whittier.
Kittitas Lbr. Co	_Logs 950 ft.	0.5 miles west of Keechelus.
Carter Creek	_Logs 200 ft.	0.3 miles west of Bandera.
	Logs	At Garcia.
Kent Lumber Co	_Mill1130 ft.	1.1 miles east of Bagley Jct.
Pacific States	Logg 2000 ft	0.7 miles west of Cedar Falls

Everett Line

N. Bend Lbr. Co	Logs	1.3 miles west of Cedar Falls.
N. Bend Lbr. Co	Lumber 716 ft.	1/4 mile east of Tanner.
Meadow Brook	Industry 250 ft.	1.6 miles west of North Bend.
Horrocks	Industry 120 ft.	2.0 miles east of Carnation.
Carew	Industry	0.5 mile east of Monroe.
Stuart	Industry 570 ft.	0.8 miles west of Stillwater.
Riverview	Log dump3000 ft.	1.9 miles west of Snohomish.
Novelty	Industry 500 ft.	2.4 miles east Duval.
Bird	Stock yard	1.5 miles east of Monroe.

Enumclaw Line

Durham Coal Co.	Coal 310 ft.	2.5 miles west of Selleck.
Bayne Mine Track	Coal 3500 ft.	0.7 miles west of Bayne.
Cumberland		Cumberland.
Naco	Coal 600 ft.	0.8 miles west of Cumberland.
Viezie	Industry 150 ft.	2.8 miles east of Enumclaw Jct.

Tacoma--Seattle Line

Hughes	Industry 500 ft.	1.4 miles west North Puyallup.
	Industry 327 ft.	0.3 miles east of Benroy.
	Industry 300 ft.	1.7 miles west of Kent.
O'Brien	Industry 300 ft.	2.3 miles east of Kent.
Orillia	Industry 300 ft.	2.5 miles west of Black River.
Holstein	Industry 491 ft.	1.2 miles west of Black River.

Grays Harbor Line

Kinsman	Log	1.5 miles west of Salich Jct.
Chambers	Logs	2.0 miles east of McKenna.
Haskins.	Industry	1.0 mile west of Loveland.
Harrison Bros. No. 2	Wood	2.0 miles west of Loveland.
Betchard.	Mill	0.7 miles east of Roy.
Arkley	Mill	3.0 miles east of Rainier.
Johnson Creek	Mill	0.9 miles east of Rainier.
Gregory	Mill	2.8 miles east of Offut Lake.
Patske Spur	Logs	2.8 miles east of Offut Lake.
Des Chutes	Mill	0.5 miles west of Gregory.
Churchill	Logs	1.0 mile west of Offut Lake.
Beaver Creek	Mill	2.0 miles east of Maytown.
Nulty	Logs	1.5 miles west of Maytown.
Bordeaux	Mill	at Mumby.
Ninemire & Morgan	Mill	at Helsing Jct.
Nat. Lbr. & Mfg. Co	Logs	at Cedarville.

National Park Line

Tilton Lbr. Co	Mill	0.5 mile west of Cowlitz Jct.
Harrison Bros. No. 1	Gravel	1.0 mile west of Tacoma.
Harvard	Mill	.3 miles west of Hillsdale.
Kirby	Wood	0.6 mile east of Harding.
Electron	Industry	0.3 mile west of Kapowsin.
Lynch Creek	Gravel	1.4 miles east of Eatonville.
Wheeler-Reese	Logs	1.0 mile east of Eatonville.
Fairview	Industry	1.7 miles west of Eatonville.
Sella	Lors	1.3 miles west of Park Jct.
Ladd	Mine	Off Wye at East Creek Jct. 1.5 from East Creek Jct. on Ladd mine track.
Miller & Wilson	Mill	1.5 from East Creek Jct. on Ladd mine track.
Carlson	Mill	1.3 miles west of East Creek Jct.
Divide	Coal	1.0 miles west of East Creek Jct.
Storm King	Mill	5.0 miles west of East Creek Jct.
Comp 16	Logs	0.3 mile west of East Creek Jct.
Horns	Logs	2.0 miles west of Cowlitz Jct-
Cheeser Lbr. Co.	Mill	At Morton.
Camp No. 1	Log	At Reliance.
Camp No. 2	Log	0.5 miles east of Williamson.
Lake Creek	Mill	0.5 mile east of Morton.

Willapa Harbor Line

Tebb	Mill	2.5 miles east of Central'a.
Sparr.	Logs	1.0 mile west of Essex.
Case Shingle Co	Logs	1.0 mile west of Essex. 800 feet west of Firdale.

WATCH INSPECTORS

Cle Elum, J	. A. Kaiteman
Tacoma,	Syman Jewelry Co.
Hoquiam,	Fred. Straub
Everett	H. N. Skinner
Seattle,	Max Kuner Co.
Chehalis,	Burnett Bros.
Raymond,	J. A. Diem.

The following hours of duty will be observed at train order stations Sunday, subject to change by bulletin. When so changed all concerned will note change in pencil on their copy of time table.

SUNDAY HOURS

Cle Elum	Continuous.
Easton	7.00AM to 11.00PM
Hyak	Continuous.
Rockdale	Continuous.
Garcia	10:00AM to Noon and 7:30PM to 9:30PM
Cedar Falls	Continuous.
Maple Valley	Continuous.
Black River	Continuous.
Kent	12.30PM to 2.30PM and 5.00PM to 7.00PM
Auburn	Continuous.
Sumner.	
North Puvallup	12.30PM to 2.30PM and 5.00PM to 7.00PM
Tacoma Junction	12.30PM to 2.30PM and 5.00PM to 7.00PM
North Bend	8.004M to 10.004M
Snoqualmic Falls	8.00AM to 10.00AM
Carnation	8.30AM to 10.30AM
Duval	8.00AM to 10.00AM
Monroe	7.30AM to 9.30AM and 8.00PM to 10.00PM
Snohomish	7.30AM to 9.30AM
Everett	7.00AM to 11.00AM and 7.00PM to 11.00PM
Ragnar	
Whittier	7.00AM to 11.00PM
McKenna	3.00PM to 5.00PM
Rainier	3.00PM to 5.00PM
Maytown	2.30PM to 4.30PM
Rochester	Closed

SUNDAY HOURS

25th Street	8.00AM to 10.00AM and 2.00PM to 6.00PM
	8.00AM to 6.00PM
Tanwax	Closed.
Knpowsin	9.00AM to 11.00AM and 3.30PM to 5.30PM
Eatonville.	9.30AM to 11.30AM and 3.00PM to 5.00PM
Alder	9.30AM to 11.30AM and 3.00PM to 5.00PM
Elbe	9.30AM to 11.30AM and 3.00PM to 5.00PM
Mineral	7.00M to 9.00M and Noon to 3.00PM
Morton	12.30PM to 2.30PM
Ashford	11.00AM to 1.00PM and 3.00PM to 5.00PM
Centralia	2.00PM to 5.00PM
Chehalis	1.45PM to 5.00PM
Doty	1.00PM to 3.00PM and 4.00PM to 6.00PM
Sutico	12.15PM to 2.15PM and 4.30PM to 6.30PM
Othello	
Corfu	
Beverly	
Rye	
Boylston	
Kittitas	
Ellensburg	1.30PM to 4.30PM
Thorp	Closed.

G. H. HILL, Chief Dispatcher.

H. E. PETERSON,
Asst. Chief Dispatcher.

J. S. ECCLES, Assistant Trainmaster.

W. T. EMERSON, Traveling Engr. and Asst. Trainmaster

G. T. SPAULDING,
Traveling Engineer and Asst. Trainmaster.

W. H. WINGATE, Trainmaster.

E. L. CLEVELAND, Asst. Superintendent. E. G. FOWLER,

K. N. ELDRIDGE,

W. A. ALLEN,

F. A. ROACH,

S. C. WHITTEMORE,

J. N. MITCHELL,

M. B. MARTINI,

W. A. MONROE,

J. W. BIRKBECK,

T. J. DEPUE,

Train Dispatchers.

D. W. BOH,

Train Dispatcher

Between Enumciaw and Enumciaw Jet.

