# NORTHERN PACIFIC RAILWAY COMPANY.

## SEATTLE AND TACOMA TERMINALS

### In Effect at 12:01 A. M. Pacific or 120th Meridian Time

# **SUNDAY, AUGUST 15, 1926.**

For the Government of Employes only. The Company reserves the right to vary therefrom at pleasure. Be positive that you have the Current Time Table and destroy all previous numbers. Read carefully the Special Instructions and always have for reference a copy of TRANSPORTATION RULES.

A. V. BROWN. General Manager.

TIME

J. E. CRAVER. General Superintendent. M. G. CRAWFORD. **Assistant General** Superintendent of Transportation.

F. R. BARTLES. Superintendent Seattle Division.

P. H. McCAULEY, General Superintendent of Transportation.



#### SEATTLE AND TACOMA TERMINALS

P		Time Table 52C		6		1	1. P.C.	2 A 4				FIRS	T CLASS	1		2 2	ŝ	2 4 - 1 2				т. 1917 — А	SECON	D CLASS		CLASS
Yard Limits.	abers	August 15, 1926 Succeeding No. 52-B.	đ	401	407	411	413	415	417	421	423	425	427	437	439	449	455	459	597	561	563	671	673	677	679	929
Dits.	Num		te	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Freight	Freight	Freight	Freight	Way Frt
Lin	Station Numb	STATIONS	tanc	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Ex. Sun.	Daily	Daily	Daily	Ex. Sun.		Daily	Ex. Mon
Yard	Stat	Telegraph Offices and Calls			Passenger	No. 2 No. Coast Limited	Nos. 1 and 383 Con. No. Coast Limited	No. 41's Conn.	No. 42 Miss'p.Val. Limited	Grays Harbor Limited	Grays Harbor Express	No. 338 Grandview	No. 337's Connection	No. 334	No. 3's Connection	No. 4 Atlantic Express	G. N. No. 1	Consolidated Passenger	Kanaskat Accommo- dation	Consolidated Passenger	Consolidated Passenger	Portland	Nor. Pac. Sumas	Nor. Pac. Time Freight	Nor. Pac. Portland	Nor. Pac Everett
w X		UD SEATTLE DN King Street Station 0.8 Cross Over	0.0	11.45M	L 9.00M	L 9.30M			L 5.00P	L 9.35M	L 4.15™	L 7.40M		L11.50P		L 7.30P	L 7.40M	L 4.30PM				L 5.25™	L 1.30AM			
	C F 31	MIDDLE YD P 2.4 Cross Over	0.8						*				· ·		÷ .	÷ .			4					L 9.45M	L 6.45M	
¢.	C F 27	ARGO Cross Over P O. W. R. & N. and P. C. R. R. Crossings Interlocked 6.8 Track Conn.	3.2	11.54 <sup>pt</sup>	9.09	9.39	1		5.09	9.43	4.24	7.48	÷	11.59M		7.40	7.48	4.38	ай (			5.40	1.45	10.00	7.00	
		Interlocked 0.8 Cross Ov. Track Conn.	10.0																							
_	C F 21 C F	1.4 Cross Over	10.8	12.054	9.19	9.48			5.18	9.52	4.34	f 7.58		12.10M		7.49	7.58	4.47				6.00	2.05	10.20	7.15	L 3.20P
_	19 C F 17	ORILLIA 2.0 O'BRIEN 2.1	14.2													<u> </u>										
-	17 C F 15		16.3	12.15	\$ 9.30	9.57			5.27	\$10.01	\$ 4.45	\$ 8.08		\$12.20		7.57	8.07	4.55				6.10	2.15	10.30	7.30	3.35
4	C F 13	1.4	18.2						~																	
1	CF 11 CF	1.9	19.6	12.25	• 9.40	10.07			. 5 27	10.10	\$ 4.55	. 0 1 0		\$12.30		<b>8.08</b>	8.17	5.03				6.30	A 2.354	A10.50M	A 7.45M	A 3.50
_	9	0.9 Cross Over	1.16	12.20			6 10	L 7.58A			3 4.00				756	A: 8.13P		0.00								
_		0.9							. 0.13.			. 0.22~		A12.30~					<u> </u>	1. ja 1						
-	CF 9 CF	4.9 Cross Over DIERINGER	21.5	12.25	\$ 9.40			\$ 8.04 f 8.13		\$10.10 \$10.17			\$ 2.08		• 8.03 		8.17	5.03				6.30		L11.30M	L 7.50P	
	4 C F 2	2.6 SN SUMNER D 1.6 Cross Over	29.0	12.40	\$ 9.54		• 6·32	<b>8</b> .18		<b>10.23</b>			• 2.22		• 8·17		8.30	5.16	See Tacoma Division			6.45		11.50PM	8.10	
Y	1966	MEEKER P 1.3	30.6												-				L 5.40M							
	1967		81.9	•12.48	\$10.00		s 6.38	s 8.24	<del>;-</del> -	\$10.29	\$ 5.15		s 2.28		8.23		8.35	5.20	\$ 5.50			6.55		12.05	8.20	
	1972	RN RESERVATION DN O.W.R.&N. 1.8 Track Conn. Cross Over	38.3	1.04	10.14		6.53	8.37		10.42	5.29		2.42		8.38		8.47	5.32	6.02	2.13P	12.28*	7.15		12.35	8.30	
	1976	Q <b>TACOMA</b> DN	40.1	A 1.15M	A10.204		A 7.00M	Via Draw Bridge Line		Via Draw Bridge Line	A 5.35M		Via Draw Bridge Line		A 8.45M		Via Draw Bridge Line	Via Draw Bridge	Via Draw Bridge Line	A 2.20PM	12.35	7.25P		A12.40AM	8.45PK	
	1972	RN RESERVATION DN 0.2 Cross Over	38.3					8.37		10.42			2.42				8.47	5.32	6.02							
			88.5	f Bay	f Bay		f Bay				Bay				f Bay		· · · · ·			f Bay	f Bay					
	1	O. W. R. & N. CROSSING Interlooked 1.4 Track. Conn	88.8	p	ope		o p <b>e</b>				e def				ad of					ad o	ad of					
-	-	AX FIFTEENTH ST. TOWER DN 0.2 Cross Over	40.2	ia He	Via He		Via He				ia He				Via He					ia He	Via Hee					
1	976		40.4	•	•		Δ	A 8.45M		A10.50	P .		A 2.50M		Δ		A 8.55M	5.40P	A 6.10PM	>	A					
				Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Ex. Sun.	Daily	Daily	Daily	Ex. Sun.	Daily	Daily	Ex. Mon.
L		Time Over Sub. Div.		1.30	1.20	.43	.48	.47	.43	1.15	1.20	.42	.48	.45	.49	.43	1.15	1.10	. 30	.06	.07	2.00	1.05	2.15	2.00	.30
		Average Speed Per Hour		26.7	30.1	31.2	22.1	25.3	31.2	32.3	30.1	32.0	24.7	29.8	21.7	31.2	32.3	34.6	18.6	18.0	15.4	20.1	19.7	17.9	20.1	21.4

1

EASTWARD TRAINS ARE SUPERIOR TO TRAINS OF THE SAME CLASS IN THE OPPOSITE DIRECTION. DOUBLE TRACK BETWEEN SEATTLE AND TACOMA VIA HEAD OF BAY, AUTOMATIC BLOCK BETWEEN HOLGATE STREET, SEATTLE AND RESERVATION. SPECIAL INSTRUCTIONS, PAGES 3 AND 4.

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TRAIN ORDERS GOVERNING THE MOVEMENT OF TRAINS AND INSTRUCTIONS PERTAINING THERETO, WILL BE ISSUED BY AND OVER THE SIGNATURE OF THE SUPERINTENDENT OF THE SEATTLE DIVISION. 2

												-										E	ASTW	ARD
	Time Table 52-C.						<				FIRS	T CLAS	S						5 5		SEC	COND CL	LASS	THI
	August 15, 1926.	Ja	402	408	412	414	416	418	422	424	428	436	438	440	450	454	458	596	562	564	672	674	680	93
8	Succeeding No. 52-B.	city	Passenger	Passenge	Passenger	Passenger	Passenge	Passenger	Passenger	Passenge	r Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Freight	Freight	Freight	Way
9 10	STATIONS	Capa	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Ex. Sun.	Daily	Daily	Daily	Ex. Sat.	Daily	Ex.
Tacoma	Telegraph Offices and Calls	Car C Sidin	Consolidated Passenger	Consolidated Passenger	No. 2's Connection	No. 1 North Coast	No. 41 Puget Sound	No. 42's Connection Mississippi Valley	Puget Sound Express	Puget Sound Limited	No. 337 Grandview	No. 333 Spokane	No. 334's Connection Spokane	No. 3 Northern Pacific Express	No. 4's Connection	G. N. No. 2	Consolidated Passenger	No. 338 Connection	Decommen	Consolidated Passenger	G. N. Portland	Nor. Pac. Sumas	Nor. Pac. Portland	Nor. Eve
0.1	UD SEATTLE DN King Street Station		A 6.45A	A 3.25M		A 7.004	A 8.454	Limited	A 2.50P	A 8.35M	A 2.45P	A 6.50M		A 8.45M		A 7.35M	A 9.45%				A 2.35M			-
9.3	0.8 Cross Over MIDDLE YARD P																						A 6.45M	_
	ARGO Cross Over P		6.34	3.16		6.48	8.33		2.41	8.25	2.35	6.39		8.34		7.24	9.35				2.20		6.25	-
6.9	ARGO Cross Over P O. W. R. & N. and P. C. R. R. Crossings Interlocked 6.8 Track Conn. C. M. & St. P. CROSSING																					See Seattle		
0.1	Interlocked 0.8 Track Con. Cross Over	20																				Div.		
9.3	BI BLACK RIVER DN 1.4 Cross Over		6.23	3.05		6.36	8.21	-	2.31	8.13	1 2.23	6.28		8.22		7.13	9.25				2.05	A 7.30AM	6.10	A 7
7.9	ORILLIA 2.0	5 Spur							f															
5.9	O'BRIEN 2.1	3 Spur							f									*						
.8	KN KENT D 1.9 Cross Over		\$ 6.13	2.55		6.26	8.11		\$ 2.20	1 8.03	\$ 2.13	\$ 6.18		8.12		7.04	9.16				1.55	7.15	5.55	7
.9	THOMAS 1.4	8 Spur							1 2.14													1		
0.5	CHRISTOPHER 1.9	4 Spur							f															
8.6	AU AUBURN DN 0.9 Cross Over	70	\$ 6.02	2.43		\$ 6.16	\$ 8.01		\$ 2.08	\$ 7.54	\$ 2.03	\$ 6.07		s 8.01		6.55	9.09				L 1.45AM	L 7.004	L 5.45AM	L 7
9.5	GR EAST AUBURN DN 0.9	35			A10.05A	6.10AM	L 7.55AM	A 5.35M			L 1.58	6.00AM	A12.26AM	L 7.55₽	8.10P									- A.
.6	AU AUBURN DN 4.9 Cross Over	70	\$ 6.02	2.43	s 9.59			\$ 5.29	\$ 2.08	s 7.54			\$12.20		\$ 8.04	6.55	9.09				As 1.40AM		As 5.354	Γ
.7	DIERINGER 2.6		5.51	2.31	1 9.48			5.17	1.58	7.45			12.10		1 7.52	6.45	9.00	See			1.31		5.26	- ;
.1	SN SUMNER D 1.6 Cross Over		\$ 5.47	2.27	\$ 9.43			s 5.13	s 1.54	s 7.41			\$12.06AM		\$ 7.48	6.41	8.57	Div.			1.25		5.20	
.5	MEEKER P 1.3	70																A 7.304						
2	PY PUYALLUP DN 6.4 Cross Over	70	\$ 5.41	s 2.22	\$ 9.36			\$ 5.06	\$ 1.48	\$ 7.36			\$11.58M		7.42	6.37	8.53	<b>7</b> .26			1.15		5.10	
.8	RN RESERVATION DN OW.R.&N. 1.8 Track Conn. Cross Over		5.31	2.11	9.26			4.56	1.37	7.26			11.46		7.31	6.26	8.43	7.16	A 5.56M	A 5.06M	12.55	·~ .	4.50	
.0	Q TACOMA DN Cross Over		L 5.25M	L 2.05M	L 9.20M			L 4.50M	Via Draw Bridge Line	L 7.20			L11.40™		7.25№	6.20M	Via Draw Bridge Line	7.104	L 5.50™	L 5.00AM	L12.50AN	1	L.4.45M	
.1	RN RESERVATION DN 0.2 Cross Over								1.37								8.43							
.9	0. W. R. & N. Co. CROSSING 0.3		Bay	Bay	Bay			Bay		Bay			Bay		Bay	Bay		Bay	Bay	Bay			1.00	
.6	O. W. R. & N. Co. CROSSING Interlocked 1.4 Track Conn.		jo pe	ad of	lo be			ad of		ad of			ad of		ad of	jo pe		ad of	lo ba	ad of				
2	AX FIFTEENTH ST. TOWER DN 0.2 Cross Over		ia He	Via Head	Via Head			Via He		Via He			Via He		Via He	Via He		Via He	Via He	Via He				
.0			•	>	~				L 1.30	v			Δ		•	>	8-35P	>	•	>				
			Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Ex. Sun.	Daily	Daily	Daily	Ex. Sat.	Daily	Ex.
	Time Over Subdivision		1.20	1.20	.45	.50	. 50	.45	1.20	1.15	.47	.50	.46	.50	.45	1.15	1.10	. 20	. 06	.06	1.40	. 30	2.00	
	Average Speed Per Hour		30.1	30.1	26.0	26.9	26.9	26.0	30.3	32.1	28.6	26.9	25.4	26.9	26.0	32.1	34.6	28.5	18.0	18.0	24.0	21.4	21.4	26

EASTWARD TRAINS ARE SUPERIOR TO TRAINS OF THE SAME CLASS IN THE OPPOSITE DIRECTION. DOUBLE TRACK BETWEEN SEATTLE AND TACOMA VIA HEAD OF BAY. AUTOMATIC BLOCK BETWEEN HOLGATE STREET, SEATTLE AND RESERVATION. SPECIAL INSTRUCTIONS, PAGES 3 AND 4.

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1. AT SEATTLE-Trains and light engines entering King Street Station from the west, must not pass the stand pipe at west end of yard without proceed signal from the switch tender given with green flag by day or green light by night. Interlocking plant at South portal of King Street tunnel—Signals are of the dwarf type (low semaphores) and are located to the right of track governed; where two arms are on one post, higher arm governs trains along main tracks and lower arm trains diverging from main track.

Trains or engines must not pass over Atlantic Street crossings, Colorado Street Irains or engines must not pass over Atlantic Street crossings, Colorado Street line, unless they receive signal from crossing flagman with green flag by day and green light by night. One motion of regular proceed signal is for the Northern Pacific, two motions of regular proceed signal is for Chicago, Milwaukee & Saint Paul, three motions of the regular proceed signal is for the P. C. R. R. and four motions of the regular proceed signal is for the O.-W. R & N. When no crossing flagman is on duty trains must flag themselves across.

Trains approaching Spokane St. Tower on Colorado Ave. line will call for route as follows: INDAUNE

INBOUND	).	
C. M. & St. P. Ry		
Nor. Pac. Ry		
P. C. Ry		
OUTBOUN	D. +	
C. M. & St. P. Ry		
P. C. Ry		
Nor. Pac. Ry		
WEST SEATTL		
From West to East		
From East to West		

2. Speed Restrictions-All trains must run restricted speed at Seattle between the switches of the crossover west of the west wye switch Spokane Street and King Street Station expecting to find main track occupied. Second class and inferior trains, switch engines and light engines may use main tracks running with current of traffic between west wye switch Spokane Street and King Street Sta-tion on time of first class trains without orders. In foggy or obscure weather all trains must stop and know before proceeding that there are no trains approaching on intersecting tracks.

All trains eight (8) miles per hour over switches King Street Station.

Passenger trains must not exceed a speed of one minute or sixty seconds per mile. Passenger trains with helper engines on rear thirty (30) miles per hour. WI en Mallet engine is used, fifteen (15) miles per hour.

Class Q-5 and Q6 engines fifty-five (55) miles per hour.

Class W, W-1, W-2, W-4 and G. N. Class J-2 engines 40 miles per hour and Class W-3, W-5 and G. N. Class O-5 engines 35 miles per hour.

Ten miles per hour over important street crossings within the corporate limits of Puyallup, Sumner, Auburn and Kent.

Trains and light engines entering or leaving Tacoma Union Station to or from the drawbridge line limit speed to ten (10) miles per hour while any portion of

train is passing over switches at Fifteenth Street Tower. All trains thirty (30) miles per hour over interlocked crossings and fifteen (15) miles per hour through crossovers, turnouts and gauntlets.

Fifteen (15) miles per hour passing telegraph offices where orders are received. Light engines backing up twenty (20) miles per hour. Passenger trains via Head of Bay twenty (20) miles per hour between Tacoma

Union Station and Reservation. Trains in both directions on Drawbridge Line will run restricted speed between Reservation and Freight Yard connection one quarter mile west thereof. Trains entering or leaving Tacoma Union Station will move restricted speed tween 15th Street Tower and 21st Street.

At O. W. R. & N. Crossing 0.2 miles west of Reservation, all trains and engines via Drawbridge Line in both directions will stop at Stop Boards unless proceed signal is received from switch tender using yellow flag by day and yellow light by night.

All O.-W. R. & N. Co. trains in both directions will stop before entering connection and will proceed when signal is received from switch tender, using yellow flag by day and yellow light by night.

All westward trains via Head of Bay from Reservation will approach this connection prepared to stop unless proceed signal is given by switch tender, using yellow flag by day and yellow light by night.

- Bridge Restrictions-Speed will be restricted over Bascule Bridges 36.8 Duwamish River and No. 4 Salmon Bay Waterway to twenty (20) miles per hour. wamish River and No. 4 Salmon Bay Waterway to twenty (20) miles per hour. Speed will be restricted over Bridge 39, Tacoma Waterway as follows: Engines Classes W, W-1, W-2 and W-4, ten (10) miles per hour. Engines Classes G-1, G-2, Q-5, Q-6, W-3 and W-5, and heavier, not permitted. Double-headers not permit ted. Bridge 12.3 on what is known as the Dempsey or Tide Flat Branch (Ta-coma Terminal). Heavier than Class Q engines not permitted. Speed of other engines over this bridge eight (8) miles per hour.
- Between Reservation and Tacoma-Trains will approach crossover switches located at East "D" Street (near roundhouse) at South 21st Street (entering passenger station) restricted speed and will not proceed until tracks are known to be clear and signal is received from switch tender with green flag by day and green light by night.
- At Argo-Trains must stop before crossing street car tracks at Eighth Avenue South

Following whistle signals to be used for interlocking plant routes as follows: Colorado Street Line: One Long, One Short, One Long. Shore Line: Two Short, One Long. Westward to Eastward Main Line through crossover: Four short.

Westward Main Line to Coal Spur: Four Short.

#### SPECIAL INSTRUCTIONS.

- 7. At Black River—Telephone is located near westward crossover switch in box on telephone pole. Communication with Seattle Dispatcher's office can be had by calling Seattle two short rings and asking for Chief Dispatcher.
- At Auburn-All eastward and westward trains will approach crossover at west 8 end of Auburn depot platform leading to and from the First Subdivision main line, expecting to find crossover occupied, and will not proceed until track is known to be clear Passenger trains in either direction making crossover moveafter having used signal indicator and found track to be clear. Normal position of switch at head of the wye will be for Seattle leg of wye.
- 9 At East Auburn-Enginemen on passenger trains will keep air applied during period of switching or transferring at East Auburn. Enginemen on Main Line passenger trains when stopping at East Auburn for transfer will pull head working car to extreme end of Umbrella Shed.

When ready to depart from transfer platform, Conductors on through passen-ger trains will obtain signal from Flagman before passing "Proceed" signal to Engineman.

- At Reservation—No towermen are used to manipulate interlocking plant, O.-W. R. & N. crossing near Reservation. When train or yard crews have occa-10 sion to use crossing the conductor or foreman will operate the levers, bearing in mind that after used, signals and derails must be set clear for Northern Pacific route. When signals are against Northern Pacific route, conductor investigate cause and if necessary flag through interlocking district.
- 11. At Fifteenth Street Tower-A signal arm semaphore pattern, located near junction of line leading to Tacoma Union Station and Drawbridge Line at 15th Street, is controlled by operator at 15th Street and will govern single track passenger line between 15th Street and Union Station. No train from the Drawbridge Line or east of main line will enter Union Station when signal is at stop. No train will proceed from Union Station to Drawbridge Line or eastward main line when signal on incline which is equipped with two red blades by day and in addition two red lights by night is at stop. Lower arm governs train move-ments from Union Station to Drawbridge Line; upper arm governs movement to eastward main track.

Push button operating signal to tower man is located on post under Union Station concourse; switch crews will operate for Portland bound trains and conductors will operate for Seattle bound trains.

**Card train order form AB.**—Will govern the movement of trains between Reservation and the Fifteenth Street Tower via Drawbridge Line; between 12. Argo and Spokane Street Tower on Colorado Avenue line; between East Auburn and Auburn and between East Auburn and Auburn Yard.

Trains must not move in this territory unless conductor and engineman each holds a copy properly filled out.

13 Special stops, connections, etc .- No. 401 stop at Kent and Auburn for revenue passengers for Tacoma and points south.

No. 421 stop on flag at Kent for Grays Harbor business west of Lakeview.

No. 423 stop on flag at Orillia and Thomas for receipt and delivery of Parcel Post mail.

No. 450 connects with No. 424 at Tacoma and No. 597 at Puyallup.

Nos. 411 and 449 stop on flag at Kent for passengers holding tickets for Spokane and east.

Nos. 414 and 440 stop at Kent to let off passengers from points east of Auburn. No. 416 stops at Kent to let off passengers from points east of Billings.

Nos. 417 and 437 stop on flag at Kent to pick up passengers for points east of Auburn.

No. 436 stop on flag at Thomas and Kent for express shipments.

No. 408 will stop at Sumner, Auburn and Kent to discharge business from points south of St. Clair.

Train 454 will stop on flag at Puyallup, Sumner, Auburn and Kent to pick up

passengers for Spokane and points east. Train 455 will stop on flag at Kent, Auburn, Sumner and Puyallup to discharge passengers from Spokane and points east.

- Register Stations-Seattle (King Street Station), Middle Yard, East Auburn. 14. Auburn Yard Office, for trains originating or terminating. Puyallup for Tacoma Division Fifth (5th) Subdivision trains only. Tacoma Union Station for passenger trains; yard office for freight trains.
- Register Exceptions-At East Auburn and Puyallup, second class and inferior 15. trains register by ticket form 608.
- Bulletin Stations-Seattle (King Street Station) Middle Yard and Round-16. house. Auburn, roundhouse and yard office. Tacoma, Union Station and roundhouse.
- 17. Standard Time Clocks-Seattle (King Street Station), Roundhouse, Middle Yard Office, Auburn Yard Office; and Tacoma (Union Station).
- 18. Derail Switches-Are located as followrs, and must be kept in derailing position when not in use. Sumner. West end of passing siding. East Auburn, East end of gravel pit siding.

#### **GENERAL INSTRUCTIONS.**

- 2 it should be done by the helper engine.
- 3.
- 4 at initial or starting points.
- 5. signing him to flagging duties.
- 7. secured.
- Logs must not be moved after dark.

Time

1. Conductors of work trains will issue instructions to their fla men in writing, except when flagman goes back immediately to stop an approaching train.

When necessary to take slack of freight trains with helper engine on the rear

Before moving a work or wrecking train, the whistle signal (14-b) or (14-h) must be sounded for the protection of men working about such trains.

Except as otherwise provided, enginemen will only be required to consult register

In the State of Washington, conductors of passenger trains consisting of four or more cars, and freight trains consisting of 25 or more cars, must know that brakeman has had at least one year's experience in train-service before as-

Great Northern engines, mountain type, Class P-2, may be permitted to operate over the same territory as Northern Pacific Class W-3; and G. N. engines, Pacific type, Class H-4, may be permitted to operate over the same territory as Northern Pacific Class T engines.

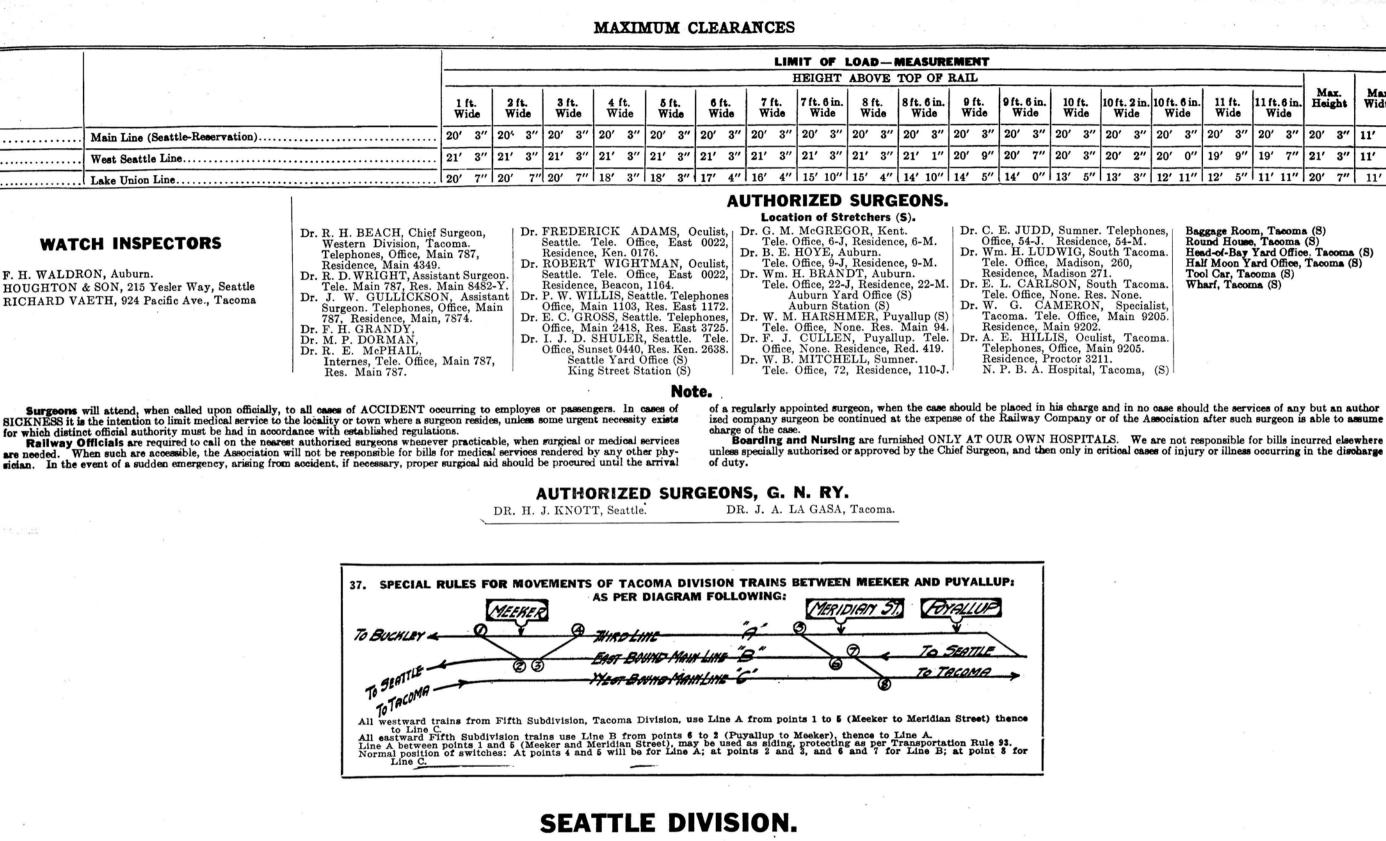
Logs-Trains handling logs on double track will not be permitted to meet passenger trains between stations. Conductors will notify Dispatcher when there are logs in their trains and secure train order that passenger trains will be held at next station until they have arrived. Conductors of trains coming from Buckley Line must arrange with operator at Puyallup to hold opposing passenger trains. Cars with logs must be inspected to be sure they are safely loaded and

Consolidated passenger trains 401, 402, 407, 408, operated by Nor. Pac. Crews. Consolidated passenger trains 458, 459, operated by Great Nor. Crews. Consolidated passenger trains 561, 562, 563, 564, operated by O.-W. R. & N. Crews.

Conductors of trains picking up logs must know personally cars are not overloaded, or improperly loaded, and are safe to move without loss of lading.

SPEED T	ABLE
	Miles
Per Mile	Per
Secs	Hour
	60
1	59
2	58
3	57.1
4	56.2
1 2 3 4 5 6 7	55.3
6	54.5
7	53.7
8	52.9
9	52.1
10	51.4
12 15	50 48
20	45
25	42.3
30	40
40	36
45	34.3
50	32.7
	32.7 30
10	27.6
15	26.6
20	25:7
30	24
40	22.5
45	21.8
50	21.2
	20
9	19
21	18
31	17 16
45	15
••	12
	10
30	8
	6
	-

$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Mins.	Secs	Hour
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1		60
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1	1	59
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1	2	58
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1	3	57.1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1	4	56.2
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1	5	55.3
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	ī	6	54.5
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	ĩ	7	53.7
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	ī	8	52.9
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	ĩ	9	52.1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	ī	10	51.4
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	ī	12	50
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	ĩ	15	48
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	î	20	45
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	î	25	42.3
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	î	30	40
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	î	40	36
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	î	45	34.3
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	î	50	32.7
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	2		30
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5	10	27 6
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	2	15	26 6
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	2	20	25.7
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5	30	24
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5	40	22 5
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	2	45	21 8
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	2		21 2
3 9 19	2		20
	2	ö	10
	2	21	18



#### J. J. McCULLOUGH.

Assistant Superintendent.

#### J. J. SEXTON.

J. E. CAMPBELL.

**TACOMA DIVISION.** 

J. H. ROBINSON,

Trainmaster.

Trainmaster.

Trainmaster.

C. W. FEE.

#### J. S. DEAN,

Assistant Superintendent.

J. F. ALSIP,

Trainmaster.

Trainmaster.

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	. 6 in.	11 Wi	ft.		.6 in.	Ma Hei		Ms Wid	
0'	3"	20'	3"	20'	3"	20'	3"	11'	6"
0'	0"	19'	9"	19'	7"	21'	3"	11'	6"
2'	11"	12'	5"	11'	11"	20'	7"	11'	
s, a.	Rou Hee Hal Too	ind E d-of- f Mo ol Car	louse Bay on Y . Ta	e, Tao Yard	acoma ooma Office, (S) ))	(S) e, Ta	ma (f	(8) 3)	
t, 5. 1.									

SEATTLE AND TACOMA TERMINA

#### FRANK KERGAN. Chief Dispatcher.

#### J. F. COLEMAN,

Chief Dispatcher.

