

# **SPOKANE, PORTLAND & SEATTLE RAILWAY CO.**

## **System Lines**

# **TIME TABLE No. 143**

**To be used in conjunction with  
Current Special Instruction Book**

**Effective 12:01 A.M. Pacific Time**

## **Sunday, October 31, 1965**

**For the government of employes  
only, who must also, while on  
duty, have a copy of the current  
SPECIAL INSTRUCTIONS  
in their possession.**

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***Think! Is it Safe?***

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**J. L. MONAHAN, Superintendent  
N. S. WESTERGARD, Vice-Pres. & Genl. Mgr.**



Westward

FIRST SUB-DIVISION

Eastward 3

Water, Fuel, Wyes, Turn Tables, Beams, Standard Cloths & Bulletin Boards and Yard Limits, etc.	Station Numbers	Car Capacity		SECOND CLASS		FIRST CLASS		Distance from Spokane	TIME TABLE No. 143		Distance from Portland	FIRST CLASS				
		Sidings	Other Tracks	201	251		1		3	October 31, 1965		2	4			
				Freight	Freight		Passenger		Passenger	STATIONS		Passenger	Passenger			
				Daily	Daily		Daily		Daily							
JBWOR YPKXZ	100		Yard	L 11.45AM	L 7.00AM		L 4.48AM	L 3.15AM	278.4	DN.... WISERAM..... X	100.1	A 4.58PM	A 11.46PM			
P	103	146	166	11.49	7.05		4.52	3.19	276.8	2.0						
P	94	126	8	11.59AM	7.15		5.02	3.29	286.2	..... AVERY.....	103.2	4.55	11.43			
										9.9						
JP	85	76	139	12.07PM	7.23		5.11	3.37	294.2	..... NORTH DALLES.....	93.3	4.46	11.34			
P	76	126	138	12.17	7.33		5.21	3.46	303.6	8.0						
P	78		40						307.0	DN..... LYLE..... YA	85.3	4.38	11.26			
										9.4						
P	71	85	7	12.22	7.38		5.26	3.51	308.6	DNBINGEN-WHITESALMON.WS	75.9	4.29	11.17			
										8.4						
			12W					3.56	318.7	..... UNDERWOOD.....	72.5					
P	60	130	20W 32E	12.34	7.50		5.38	4.02	320.0	1.6						
P	54	122	33	12.40	7.56		5.44	4.07	325.3	..... HOOD.....	70.9	4.24	11.12			
P	49	126	33	12.45	8.01		5.49	4.12	330.2	..... COOKS.....	65.8		11.07			
P	42	125	17	12.53	8.09		5.57	4.19	337.4	6.5						
P	38		10E					4.23	341.7	..... HOME VALLEY.....	59.5	4.13	11.01			
P	32	126		1.04	8.20		6.08	4.29	347.5	5.2						
P	28	104	23	1.08	8.24		6.12	4.33	351.5	DN... STEVENSON... NS	54.3	4.08	10.56			
PX	24	128	127	1.14	8.30		6.17	4.40	355.7	5.0						
P	20	137	14	1.20	8.36		6.22	4.45	359.7	..... NORTH BONNEVILLE..	49.3	4.03	10.51			
P	18	82		1.26	8.42		6.28	4.51	365.0	7.2						
			98	1.29	8.45		6.31	4.54	367.4	..... SKAMANIA.....	42.1	3.56	10.44			
										4.3						
PWTY BOKXR VZ	10		Yard	A 1.35PM	A 8.50AM		A 6.35AM	A 5.05AM	369.5	..... PRINDLE.....	37.8		10.40			
										5.5						
										..... MT. PLEASANT.....	32.0	3.46	10.34			
										4.0						
										..... WASHOUGAL.....	28.0	3.42	10.30			
										4.2						
										DN..... CAMAS..... MA	23.8	3.38	10.26			
										4.0						
										..... FISHER.....	19.8	3.33	10.21			
										5.3						
										..... McLOUGHLIN.....	14.5	3.28	10.16			
										2.4						
										..... HAVAN.....	12.1	3.25	10.13			
										2.1						
										DN... VANCOUVER... MX	10.0	L 3.22PM	L 10.10PM			
												Daily	Daily			
				1.50	1.50		1.47	1.50		Time Over District		1.36	1.36			
				52.4	52.4		53.9	52.4		Average Speed Per Hour		60.1	60.1			

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.**

**At Vancouver all westward trains to and eastward trains from Terminal Subdivision will register by ticket per Rule 83(A).**

4 Westward

## SECOND SUB-DIVISION

Eastward

Water, Fuel, Wyes, Turn Tables, Scales, Standard Clothes & Bulletin Boards and Yard Limits, etc.	Station Numbers	Car Capacity		SECOND CLASS		FIRST CLASS			Distance from Spokane	TIME TABLE No. 143		Distance from Portland	FIRST CLASS		
		Sidings	Other Tracks	201		1				October 31, 1965			2		4
				Freight		Passenger		Passenger		Passenger	Passenger				
				Daily		Daily		Daily		Daily	Daily				
WYT RVBOK IXZF	231		Yard			L 2.40AM	L 12.55AM	148.2	DN.....PASCO.....EN 1.6 PA	231.3	A 7.05PM	A 2.00AM			

BETWEEN S. P. &amp; S. JCT. AND PASCO TRAINS WILL BE GOVERNED BY N. P. RY., IDAHO DIV. TIME TABLE AND RULES

JVI					L 9.15AM	L 2.45AM	L 1.00AM	149.8		.....S. P. & S. JCT..... 1.5	229.7	A 7.00PM	A 1.55AM		
P	229	161	1		9.17	2.46	1.01	151.0	DN.....KENNEWICK.....KN 4.6	228.5	6.59	1.54			
P	224	71	201		9.22	2.51	1.06	155.0	D.....FINLEY.....FN 8.1	223.9	6.54	1.49			
P	216	144	7W		9.31	2.59	1.14	163.7	.....YELLEPIT..... 12.5	215.8	6.46	1.41			
P	208	144	4W		9.44	3.11	1.29	176.3	.....BERRIAN..... 11.3	208.3	6.34	1.29			
P	192	145	33		9.56	3.22	1.42	187.5	DN.....PLYMOUTH.....MO 12.2	192.0	6.23	1.18			
P	180	142	22		10.09	3.33	1.53	199.7	.....PATERSON..... 9.4	179.8	6.12	1.06			
P	170	142	14		10.19	3.42	2.02	209.1	.....WHITCOMB..... 8.2	170.4	6.03	12.57			
P	162		36					217.3	.....ALDERDALE..... 4.6	162.2					
P	158	144			10.32	3.54	2.14	221.9	.....McCREDIE..... 10.9	157.0	5.51	12.45			
P	147	145	36		10.43	4.04	2.24	232.8	DN.....ROOSEVELT.....RE 5.9	146.7	5.41	12.35			
P	141		19W					238.7	.....SUNDALE..... 10.0	140.8					
P	131	144	6		10.59	4.18	2.38	248.7	.....GOODNOE..... 5.6	130.8	5.27	12.20			
P	125		28W		11.05	4.24	2.44	254.3	.....TOWAL..... 5.5	125.2	5.21	12.14			
P	120	145	47		11.11	4.30	2.50	259.8	.....CLIFFS..... 5.4	119.7	5.15	12.08			
P	114	158			11.17	4.36	2.56	265.2	.....MARYHILL..... 8.2	114.3	5.09	12.02AM			
BWOYR JKXZF	106		Yard		A 11.30AM	A 4.45AM	A 3.05AM	272.4	DN.....WISHRAM.....X	106.1	L 5.00PM	L 11.53PM			
					2.15 54.9	2.05 60.1	2.10 57.8		Time Over District Average Speed Per Hour		2.05 60.1	2.07 59.1			

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

Water, Fuel, Wagon, Turn Tables, Seals, Standard Closets & Bulletin Boards and Yard Limits, etc.	Station Numbers	Car Capacity		SECOND CLASS		FIRST CLASS			Distance from Spokane	TIME TABLE No. 143 October 31, 1965		Distance from Portland	FIRST CLASS				
		Sidings	Other Tracks	201		1		3		STATIONS			4	2			
				Freight		Passenger		Passenger		Passenger	Passenger						
				Daily		Daily		Daily									
BKO PRT XYZ	381		Yard						8.2	DN..... YARDLEY..... YD	380.7						
BKP RXZ	378		Yard						0.0	DN. SPOKANE (N.P. Depot). SF	377.5						
IJPV XY									8.7	DN. MARSHALL JCT. (N.P.) MR	368.8						

BETWEEN MARSHALL JUNCTION AND YARDLEY, TRAINS WILL BE GOVERNED BY N. P. RY., IDAHO DIV. TIME TABLE AND RULES

BKO PRTW XYZ	384		Yard						4.8	DN..... HILLYARD (G.N.) HU	384.3			
BKPR WOX	380		Yard						0.0	DN. SPOKANE (G.N. Depot). PD	379.5	A 5.45AM	A 10.00PM	

BETWEEN FT. WRIGHT AND HILLYARD, TRAINS WILL BE GOVERNED BY G. N. RY. KALISPELL DIVISION TIME TABLE AND RULES

LPVXY	877				L 6.01AM	L 12.04AM	L 9.50PM	8.8	DN... FORT WRIGHT... FW	877.2	A 5.35AM	A 9.50PM		
P	871	125			6.08	12.10	9.56	8.4	..... OVERLOOK.....	871.1	5.27	9.43		
JP	867	72	52		6.12	12.14	10.00	12.1	DN..... SCRIBNER..... SC	867.4	5.22	9.38		
P	861	80	13		6.19	12.20	10.07	18.8	..... SOUTH CHENEY.....	860.7	5.14	9.31		
P	855	116			6.26	12.26	10.13	24.9	..... MOCK.....	854.6	5.06	9.24		
P	850		17W				10.18	30.0	..... AMBER.....	849.5	5.01			
P	843	126	23		6.38	12.36	10.24	36.2	..... RODNA.....	843.3	4.55	9.13		
P	835	EB 134 WB 97	94		6.47	12.43	10.32	44.8	DN..... LAMONT..... A	834.7	4.46	9.06		
P	824	125	16		6.58	12.52	10.42	55.7	..... MACALL.....	823.8	4.35	8.57		
P	811	127	29		7.11	1.03	10.53	68.4	..... HENGE.....	811.1	4.22	8.46		
P	800	125	12		7.24	1.13	11.04	80.0	..... HOOPER.....	809.5	4.10	8.35		
P	801	EB 130 WB 72	38		7.33	1.20	11.14	88.6	DN..... WASHTUONA... WA	809.9	4.00	8.28		
P	828		42E		7.39	1.25	11.19	94.2	..... SPERRY.....	825.3	3.41	8.23		
P	878	125	80		7.47	1.31	11.26	101.7	..... KAHLOTUS.....	877.8	3.34	8.17		
P	869	90	5		8.05	1.43	11.39	116.9	..... FARRINGTON.....	868.6	3.21	8.06		
P	863	112			8.17	1.50	11.47	118.7	..... BURR.....	862.8	3.13	7.59		
JV								123.6	..... SNAKE RIVER JCT....	856.9				
P	856	76	61		8.30	1.58	11.56	128.2	DN... SNAKE RIVER... SE	856.3	3.04	7.51		
P	854	126			8.33	2.01	11.59PM	128.5	..... VOTAW.....	854.0	3.00	7.48		
P	851		65W		8.37	2.04	12.03AM	129.8	..... REDD.....	850.5	2.56	7.45		
P	845	125	9		8.43	2.09	12.08	134.7	..... LEVEY.....	844.8	2.50	7.40		
P	838	69			8.50	2.15	12.15	141.5	..... MARTINDALE.....	838.0	2.44	7.34		
IJPV	834				8.55	2.19	12.20	146.0	..... AINSWORTH JCT....	833.5	2.40	7.30		
PZXTY WRBOK IV	831		Yard		A 9.00AM	A 2.30AM	A 12.30AM	148.2	DN..... PASCO..... EN FA	831.2	L 2.30AM	L 7.20PM		
											Daily	Daily		
					2.59 49.6	2.31 58.9	2.50 52.3		Time Over District Average Speed Per Hour		3.15 45.6	2.40 55.6		

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





8 Westward

## SIXTH SUB-DIVISION

Eastward

Water, Wyes, Turntables, Fuel, Scales, Standard Clocks, Bul. Bus., Register, Yard Limits.	Station Numbers	Car Capacity		SECOND CLASS		Distance from Portland	TIME TABLE No. 143		Distance from Seaside	SECOND CLASS	
		Sidings	Other Tracks	231			October 31, 1965			230	
				Freight			STATIONS			Freight	
				Daily	Ex. Saturday		DN	BR		DN	BR
JRXP	4		Yard	L 8.30PM	4.3	DN	(..... WILLBRIDGE..... BR	113.7	A 4.15AM		
X	A5	80		8.32	5.1	DN	(..... WILLBRIDGE SIDING.....	112.9	4.13		
XP	A7	73	220	8.38	7.3	DN	(..... LINNTON..... IN	110.7	4.07		
PJX	A10			A 8.45PM	10.0	DN	(..... UNITED JCT..... UJ	108.0	L 4.00AM		
	A13	30			12.4	DN	(..... HOLBROOK.....	105.4			
	A20	84	70		19.9	DN	(..... SCAPPOOSE.....	98.1			
BPX	A23	51	86		27.6	DN	(..... ST. HELENS..... H	90.4			
PX	A31	43			31.3	DN	(..... WATERVIEW.....	86.7			
P	A39	30	58		39.4	DN	(..... GOBLE.....	78.6			
P	A44				45.8	DN	(..... RAINIER.....	73.2			
	A47	52	20E		46.8	DN	(..... AVON.....	71.2			
P	A56	50	13		55.8	DN	(..... MAYGER.....	63.2			
	A58				58.0	DN	(..... LOCODA.....	60.0			
	A59		14W		59.3	DN	(..... QUINCY.....	58.7			
P	A63	43	68		62.2	DN	(..... CLATSKANIE..... CN	56.8			
	A67		21W		66.6	DN	(..... MARSHLAND.....	51.4			
P	A71	20	6		71.2	DN	(..... WESTPORT.....	46.8			
	A74		76		73.5	DN	(..... WAUNA.....	44.5			
	A77		14		76.8	DN	(..... BRADWOOD.....	41.2			
P	A78	43			78.4	DN	(..... CLIFTON.....	39.6			
	A83		2E		83.3	DN	(..... BROWNSMEAD.....	34.7			
P	A87	20	5W		86.5	DN	(..... KNAPPA.....	31.5			
	A90	15	3W		90.2	DN	(..... SVENSEN.....	27.8			
TFP BKXR	A100		Yard		99.7	DN	(..... ASTORIA..... RO	18.3			
JY	A106		17		105.6	DN	(..... WARRENTON.....	12.4			
	A108		10E		108.3	DN	(..... CAMP CLATSOP.....	9.7			
B KR	A118		66		118.0	DN	(..... SEASIDE..... SD	0.0			
					0.15 22.8		Time Over District Average Speed per Hour		Daily Ex. Monday 0.15 22.8		

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



Westward

## SEVENTH SUB-DIVISION

Eastward 9

Water, Wyes, Turntables, Fuel, Scales, Standard Clocks, Bul.-Bds., Register, Yard Limits	Station Numbers	Car Capacity		Distance from Warrenton	TIME TABLE No. 143 October 31, 1965	Distance from Point Adams			
		Sidings	Other Tracks						
JYR	A106		17	0.0	..... WARRENTON .....	2.7			
	F82		23	1.8	..... FLAVEL .....	0.9			
	F83		5E	2.7	..... POINT ADAMS .....	0.0			
				Time Over District Average Speed per Hour					

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

Westward

## EIGHTH SUB-DIVISION

Eastward

Water, Wyes, Turntables, Fuel, Scales, Standard Clocks, Bul.-Bds., Register, Yard Limits	Station Numbers	Car Capacity		Distance from Portland	TIME TABLE No. 143 October 31, 1965	Distance from Vernonia			
		Sidings	Other Tracks						
PXJ	A10			1 8.45 PM	10.0	N..... UNITED JCT..... UJ	38.5	A 4.00 AM	
	U11A		81W	8.49	11.0	..... BAN SPUR .....	37.5	3.55	
P	U12		4	8.52	11.7	..... BURLINGTON .....	36.8	3.52	
P	U16		8W	9.01	14.0	Auto. Mt. (..... TUNNEL SPUR.....	33.9	3.42	
JXP	U17		25 5E	9.10 PM	17.1	..... BOWERS JCT.....	31.4	L 3.30 AM	
P	U22	47	41		21.9	D..... NORTH PLAINS..... NP	30.6		
	U23		24		23.8	..... VADIS .....	25.2		
	U26		11E		26.5	..... OHRISTIE .....	23.0		
P	U32	24	9		31.7	..... MANNING .....	16.8		
P	U39	30	8E		38.8	..... TOPHILL .....	9.7		
P	U43	30			43.1	..... BRAUN .....	5.4		
Y XPR	U49		Yard		48.5	..... VERNONIA .....	0.0		
				0.26 17.0	Time Over District Average Speed per Hour		0.30 14.2		

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



Westward

## TENTH SUB-DIVISION

Eastward 11

Water, Wyes, Turntables, Fuel, Scales, Standard Clocks, Bulletin Boards, Register and Yard Limits	Station Numbers	Car Capacity		Distances from Forest Grove Junction	TIME TABLE No. 143 October 31, 1965	Distances from Forest Grove							
		Sidings	Other Tracks										
JYPX	E22			0.0	.....FOREST GROVE JCT.....	10.6							
X	F1		10E 3E	0.8	.....ORENCO.....	6.6							
	F3		7E	3.0	.....SEWELL.....	7.7							
P	F5	4	33	4.5	D.....HILLSBORO.....BO	8.1							
	F8		12	7.9	.....CORNELIUS.....	3.7							
P	F11		61	10.6	D.....FOREST GROVE.....FO	0.0							
				Time Over District Average Speed per Hour									

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

Westward

## ELEVENTH SUB-DIVISION

Eastward

Water, Wyes, Turntables, Fuel, Scales, Standard Clocks, Bulletin Boards, Register and Yard Limits	Station Numbers	Car Capacity		Distances from Albany Yard	TIME TABLE No. 143 October 31, 1965	Distances from Foster							
		Sidings	Other Tracks										
KBXP TOR	E97		Yard	0.0	DN.....ALBANY YARD.....YD	31.9							
JVX				0.0	.....S. P. CONN. ALBANY.....	31.0							
				Time Over District Average Speed per Hour									

Between S. P. Conn. Albany and Lebanon Conn. with Eleventh Sub-Division Trains Will Be Governed By S. P. Co. Portland Division Time Tables and Rules

KPVX	S16		19	14.5	DN.....LEBANON.....BA O. E. Conn.	17.4							
X	S15A	9		14.8	.....LEBANON.....	17.1							
					(O. E. Siding)								
PX	S18	69	228	15.9	D.....WELDWOOD.....V	16.0							
P	S20		4E	20.2	.....WATERLOO.....	11.7							
PY RBXJ	S22		8E	22.1	.....NYE.....	9.8							
X	S29		Yard	28.8	DN.....SWEET HOME.....SW	3.1							
X	S32			31.0	.....FOSTER.....	0.0							
				Time Over District Average Speed per Hour									

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

Westward

## TWELFTH SUB-DIVISION

Eastward

Water, Wyes, Turntables, Fuel, Scales, Standard Clocks, Bulletin Boards, Register and Yard Limits	Station Numbers	Car Capacity		Distances from Sweet Home	TIME TABLE No. 143 October 31, 1965	Distances from Dollar							
		Sidings	Other Tracks										
PYRB XJ	S39		Yard	0.0	DN.....SWEET HOME.....SW	15.5							
H6			19W	0.4	.....MOLLEY.....	9.1							
H8			10	0.1	.....CALAPOOYA.....	7.4							
H16			Yard	15.5	.....DOLLAR.....	0.0							
				Time Over District Average Speed per Hour									

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

## SPEED RESTRICTIONS

## All Subdivisions—

Reduced speed limits are designated by advance warning signs set in an upward angle of 45 degrees and indicate by numerals the permissible speed. Reduce speed signs, hexagon shaped, are located at the beginning of the restricted territory and also indicate by numerals the permissible speed through the restricted area. Resume speed signs bearing the letters "RS" or colored green without any lettering indicate the end of the restricted territory. On the Terminal, First, Second and Third Subdivisions, advance warning signs are located 4500 feet, on the Fifth Subdivision 3000 feet, and on all other Subdivisions, 1500 feet in advance of the reduce speed signs.

When operating against the current of traffic in double track territory or when one of the tracks is being used as single track, in either case if the track being used is not signaled for traffic in the direction of the movement, the maximum permissible speed for passenger trains is 59 MPH and for freight trains 49 MPH.

	M.P.H.
Through crossovers and turnouts .....	15
Through Nos. 14, 15 and 16 turnouts located at Willbridge, S. P. & S. Jet., Ainsworth Jet., Scribner, east end Overlook Siding, east end South Jet. Siding, United Jet., Bowers Jet. and Forest Grove Jet. ....	25
Over spring switches not equipped with facing point lock, when moving in facing point direction and not using turnouts.....	30
Over spring switches when moving in trailing point direction actuating switch points and not using turnouts.....	30
Over spring switches when using turnouts. ....	15
Freight and road switcher engines, Classes DE single or multiple units of 1500, 1600 or 1750 HP used in passenger service, except DE units 151 and 152. ....	65
Handling steam wrecking cranes, pile drivers or locomotive cranes	30
Handling scale test car.....	30
When freight cars, except those equipped with passenger trucks and steel wheels, are handled in passenger trains, the train will not exceed authorized speed for freight trains in the territory where operated.	
When picking up train orders (except where hoop stands are located).....	25

## SPEED RESTRICTIONS

Terminal Subdivision—

	M. P. H.
	Psgr. Frt.
Maximum speed.....	70 50
Over Bridges between Vancouver and Willbridge.....	30 30

First Subdivision—

Maximum speed.....	79 60
At Vancouver over 7th, 8th, 9th, 11th, Jefferson and Hill Streets.....	10 10
Within the city limits of Vancouver.....	65
At Lyle to dispatch U. S. Mail, Train 4.....	30

Second Subdivision—

Maximum speed.....	79 60
Within the city limits of Kennewick.....	35 35
Within the city limits of Pasco.....	25 25

Third Subdivision—

Maximum speed.....	79 60
Within the city limits of Pasco.....	25 25
Between Kahlotus and Snake River Jct.....	50 35
Within the city limits of Lamont.....	70

Fourth Subdivision—

Maximum speed.....	30
On curves 5 degrees and over.....	15

Fifth Subdivision—

	Frt. and
	Psgr. Mixed
Maximum speed .....	60 60
Between Wishram and MP 87 .....	40 35
Between MP 87 and MP 98.....	30 25
Over Bechtel Corporation trackage, Madras .....	10
Over C Street crossing, Culver .....	50 50
Between North City Limits and A Street, Redmond..	50 50
Between A and H Streets, Redmond .....	35 35
Between H Street and South City Limits, Redmond .	50 50
Between North City Limits and Revere Street, Bend.	50 50
Between Revere Street and end of line, Bend .....	25 25
Over Revere Street when using siding, Bend .....	10 10

Sixth and Seventh Subdivisions—

	Psgr.	Frt.
Maximum speed .....	50	40
Through Linnton, Scappoose and Rainier .....	20	20
Within City Limits of St. Helens .....	40	
Over Church Street Crossing, St. Helens .....	30	30
Within City Limits of Columbia City and Goble ....	40	
U. S. Government Trackage, Locoda .....		10
Between East City Limits and 14th Street, Astoria ..	30	30
Between 14th Street and West City Limits, Astoria..	25	25
Between Astoria and Seaside .....	30	20
Over Young's Bay Draw Span, Bridge 102-6 .....	12	12
Within City Limits of Warrenton,		
Gearhart and Seaside .....	20	
Over East and West Legs of Wye, Warrenton .....	10	10
Between Warrenton and Point Adams .....	15	15

**SPEED RESTRICTIONS**

<u>Eighth Subdivision—</u>	M.P.H.
Between United Junction and Banks .....	25
Between Banks and Vernonia .....	20
Within City Limits of Vernonia .....	15

<u>Ninth, Tenth, Eleventh and Twelfth Subdivisions—</u>	M.P.H.
Maximum speed .....	35
Within City Limits of Beaverton .....	20
Between Beburg and Greton on S. P. tracks .....	20
Over Bridge 43-4, Wilsonville, brakes must be released before moving on any portion of structure and the application of brakes while moving on bridge must be avoided as much as possible.	
Between Cherry Avenue and North 5th Street, Salem .....	20
Between North 5th Street and West City Limits, Salem .....	15
Passing Paper Mill, Salem .....	5
Through Albany, Harrisburg and Junction City .....	20
Between North City Limits and Garfield Street, Eugene .....	20
Over Garfield Street and to end of line, Eugene .....	10
Between Forest Grove Junction and Forest Grove .....	25
Through Hillsboro and Forest Grove .....	20
Between Lebanon and Sweet Home .....	25
Through Sweet Home .....	20
Over Santiam Highway crossing, Sweet Home .....	10
Between Sweet Home and Calapooya .....	25
Between Calapooya and Dollar .....	12

**SPRING SWITCHES WITH FACING POINT LOCK**

<u>Second Subdivision—</u>	
Wishram .....	East yard lead switch.

<u>Third Subdivision—</u>	
Paseo .....	East switch of siding.
Votaw .....	East switch of siding.
Burr .....	East switch of siding.
Hooper .....	East switch of siding.
Benge .....	East switch of siding.
Mock .....	West switch of siding.
Overlook .....	East switch of siding.

<u>Fifth Subdivision—</u>	
Dixon .....	Both switches of siding
South Junction .....	East Switch of siding
Paxton .....	East switch of siding

<u>Sixth Subdivision—</u>	
Willbridge Siding .....	Both Switches of Siding

**SPRING SWITCHES WITHOUT FACING POINT LOCK**

<u>First Subdivision—</u>	
Vancouver .....	{ East yard lead switch. End of double track.

<u>Sixth and Eighth Subdivisions—</u>	
United Junction .....	Junction of Sixth and Eighth Subdivisions.
Bowers Junction .....	Junction of Eighth and Ninth Subdivisions.

**DRAW BRIDGES**Terminal Subdivision—

Willamette River, MP 5.3 center of draw, Interlocked.  
Oregon Slough, MP 8.7 center of draw, Interlocked.  
Columbia River, MP 9.8 center of draw, Interlocked.

Fifth Subdivision—

Columbia River, MP T-1.3 center of draw, Interlocked.

Sixth Subdivision—

Clatskanie River, MP 62.7 center of draw.  
Blind Slough, MP 84.8 center of draw.  
John Day River MP 94.8 center of draw.  
Youngs Bay, MP 102.6 center of draw.  
Skipanon Creek, MP 105.5 center of draw.

**OVERHEAD RAILROAD CROSSINGS**Second Subdivision—

	Miles from Portland
Union Pacific R. R. ....	228.4

Third Subdivision—

Union Pacific R. R. ....	362.5
Northern Pacific Ry. ....	364.1

Ninth Subdivision—

Southern Pacific Co. ....	35.8
Southern Pacific Co. ....	97.8

**RAILROAD CROSSINGS**Ninth Subdivision—

	Miles from Portland
Southern Pacific Co. ....	70.9
Southern Pacific Co. ....	71.0
Southern Pacific Co. ....	71.2
Southern Pacific Co. ....	71.5
Southern Pacific Co. ....	97.7
Southern Pacific Co. ....	97.9
Southern Pacific Co. ....	140.7

Tenth Subdivision—

Southern Pacific Co. ....	26.8
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## COMMERCIAL AND STORAGE TRACKS

<u>First Subdivision—</u>	Miles from Portland	Car Capacity	Switch at
Camas-Washougal Port Dock Spur.	25.8	9	East end
Nu Lam Wood Products Spur.....	26.0	10	East end
Hegewald Timber Co. Spurs.....	52.7	60	West end
Stevenson Plywood Co. Spurs.....	52.7	72	East end
Underwood Fruit & Whse. Co. Spur	75.0	12	East end
Dallesdam Setout Spur.....	96.6	28	West end

<u>Second Subdivision—</u>	Miles from Portland	Car Capacity	Switch at
Ballast loading tracks.....	174.0	43	Both ends
Sampson Grain Co. Spur.....	182.5	20	West end
North McNary Spur.....	195.0	13	East end
Kerley Chemical Corporation.....	220.3	6	West end
Kerley Chemical Lead Track.....	223.1	8	East end
Phillips Chemical Co. Spurs Nos. 1 & 2 & Gas Ice Corporation Spur.....	223.9	143	East end
Drill Track.....	223.9	161	West end
Runaround Track.....	223.9	14	Both ends
Calif. Chemical Spray Corp. ....	223.9		
North Spur.....		35	West end
South Spur.....		18	West end
Run around track.....		16	Both ends

<u>Third Subdivision—</u>	Miles from Portland	Car Capacity	Switch at
East Pasco—Standard Oil Spur....	234.2	12	West end
—Permante Cement Co. Spur	234.5	17	West end
—Tidewater Shaver Spur...	234.7	16	West end
—Shell Chemical Corp. Spur	234.7	7	West end
—Storage Spur No. 1.....	234.7	19	West end
—Storage Spur No. 2.....	234.7	19	West end
Ice Harbor Dam Spur Trackage ..	241.2	13	West end
Burr Canyon Spur.....	265.9	5	West end
Harder.....	280.7	18	East end
Washtucna Industry.....	292.4	148	East end
Nemour's Powder Spur.....	368.6	45	West end
Brick Yard Spur.....	374.6	8	East end

<u>Fourth Subdivision—</u>	Miles from Lyle	Car Capacity	Switch at
Doubling Spur.....	1.6	7	East end
Klickitat Springs.....	15.8	6	Both ends

<u>Fifth Subdivision</u>	Miles from Wishram	Car Capacity	Switch at
Agency.....	107.5	7	East end

<u>Sixth Subdivision—</u>	Miles from Portland	Car Capacity	Switch at
Gasco.....	5.6	27	West end
Gasco.....	5.6	24	West end
Gasco.....	5.6	16	East end
Portland Tug and Barge Spur.....	5.8	14	East end
Harbor Track.....	9.8	16	East end
Crown Zellerbach Corp. Spur.....	26.1	55	East end
Crown Zellerbach Corp. Spur No. 4	30.1	5	East end
Crown Zellerbach Corp. Spur No. 3	30.5	44	West end
Crown Zellerbach Tracks 1 & 2....	30.5	38	Both ends
Trojan.....	40.7	11	East end
Prescott.....	41.9	2	East end
Goodat Crushed Rock Spur.....	47.3	10	East end
Mill Creek Naval Spur.....	96.2	20	East end
Tongue Point.....	96.8	19	East end

<u>Seventh Subdivision—</u>	Miles from Portland	Car Capacity	Switch at
Warrenton Clay Spur.....	106.3	56	West end
Bioproducts Spur.....	108.1	5	West end

<u>Eighth Subdivision—</u>	Miles from Portland	Car Capacity	Switch at
Banks—Kelley, Farquahar & Co. Spur	27.5	5	West end
—Hudson House, Inc. Spur..	27.5	5	West end
—Banks Lumber Co.....	27.5	7	East end
—V.S.P. & S.S. R.R., Inc....	27.5	11	East end
Haydite.....	40.3	11	Both ends

<u>Ninth Subdivision—</u>	Miles from Portland	Car Capacity	Switch at
Bendemeer.....	18.9	2	East end
General Motors Spur.....	26.0	60	East end
Durham.....	34.4	6	East end
Albertson - Oregon Culvert Co. Spur	37.5	5	West end
Mulloy.....	40.2	7	East end
Loganville.....	53.6	4	West end
Waconda.....	61.3	7	East end
Chemawa B. P. A. Spur.....	65.9	38	West end
Roberts.....	75.4	22	East end
Pirtle.....	101.7	7	East end
Verdure.....	106.4	5	West end
Munson Spur.....	113.3	1	East end
Miller Seed Co.....	113.3	3	West end
Cartney.....	121.4	7	East end

<u>Eleventh Subdivision—</u>	Miles from Albany	Car Capacity	Switch at
Lebanon Lbr. Co. ....	17.9	5	East end
Pacific Northwest Moulding Co....	18.2	2	East end
Kenshaws-Bauman Sales, Inc. ....	20.7	7	East end
Bauman Lumber Co. ....	20.8	14	East end
M. B. Christenson .....	21.3	8	East end
G. & G. Lumber Co. ....	21.9	2	West end
Timber Owners Inc. ....	23.7	3	East end
Kell Lbr. Co.....	23.9	4	East end
Willamette Fibre & Chipboard Co.	24.3	6	East end
Benjo Milling Co.....	24.5	6	East end
J. H. Baxter Company.....	24.7	6	East end
Mid Plywood Propane Spur.....	26.0	3	East end
Mid Plywood, Inc. ....	26.0	9	Both ends

## SPEED TABLE

Time Per Mile	Miles Per Hour	Time		Miles Per Hour	
		Minutes	Seconds		
0	45	80	1	12	50
0	46	78.3	1	15	48
0	47	76.6	1	20	45
0	48	75	1	25	42.3
0	49	73.5	1	30	40
0	50	72	1	40	36
0	51	70.6	1	45	34.3
0	52	69.2	1	50	32.7
0	53	67.9	2	..	30
0	54	66.6	2	10	27.6
0	55	65.4	2	15	26.6
0	56	64.2	2	20	25.7
0	57	63.1	2	30	24
0	58	62.0	2	40	22.5
0	59	61.0	2	45	21.8
1	..	60	2	50	21.2
1	1	59	3	..	20
1	2	58	3	9	19
1	3	57.1	3	20	18
1	4	56.2	3	31	17
1	5	55.3	3	45	16
1	6	54.5	4	..	15
1	7	53.7	5	..	12
1	8	52.9	6	..	10
1	9	52.1	7	30	8
1	10	51.4	10	..	6

## INTERLOCKINGS

<u>Terminal Subdivision—</u>	Miles from Portland
Willbridge.....	4.3
Willamette River Draw Bridge.....	5.3
North Portland Junction.....	8.1
Oregon Slough Draw Bridge.....	8.7
Columbia River Draw Bridge.....	9.8

**At Willbridge—**Whistle signal — • — will be sounded for route to Sixth Subdivision. Upper unit of eastward home interlocking signal governs movements on eastward main track Terminal Subdivision. Lower unit governs movements to Sixth Subdivision.

**At North Portland Jct.—**Calling for diverging route through interlocking, the following whistle signals will be sounded:

From and to U. P. R.     • —  
 Stock Yards: From S.P. & S. Ry.   • — •  
                   From U. P. R. R.     • • • •

**At Oregon Slough Bridge—**Drawbridge operator subject to call to operate draw for river traffic and can be reached through the Willamette River Bridge (Tel. CA 8-9111, Extension 584) or Columbia River Bridge (Tel. OX 3-5873). Should it become necessary to flag through this interlocking plant, it must be ascertained if the draw tender is not on duty, and then flagmen must precede train and be sure that derails and rail locks are in proper position.

**At Columbia River Bridge—**The following engine whistle signals will be sounded in calling for route:

Eastward: For N.P. Ry.     —  
                   For S.P. & S. Ry.     • • —  
 Westward: From S.P. & S. Ry.   • — •  
                   From N.P. Ry.     • • • •

Upper units of eastward home interlocking signal governs movement from Terminal Subdivision to N. P. Ry. The lower unit governs movements to S. P. & S. Ry.

<u>Third Subdivision—</u>	Miles from Portland
Marshall Junction, N. P. Ry.....	368.8
Fort Wright, G. N. Ry.....	377.2

Telephone located at Signal 375.6 to enable crews to contact operator at Ft. Wright when signal indicates "APPROACH" or "STOP".

<u>Fifth Subdivision</u>	Miles from Wishram
Columbia River Draw Bridge.....	1.3

The following engine whistle signals will be sounded in calling for route:

Oregon Trunk Railway     • • • •  
 Union Pacific Railroad Co.   — • —

## COMPANY SURGEONS

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Dr. Merl L. Margason, Medical Director	} 1216 S. W. Yamhill, Portland, Oregon Telephone Capitol 8-4151.
The Portland Clinic	} 1216 S. W. Yamhill, Portland, Oregon Telephone Capitol 8-4151.

## LOCAL SURGEONS

**DRS. CONE & WALZ, Vancouver, Wash.**  
**DR. W. S. SHEPHERD, Camas, Wash.**  
 Dr. K. F. STEFAN, Washougal, Washington  
**DR. WAYNE M. HENKLE, Bingen-White Salmon, Wash.**  
**DR. H. W. HOLDERBY, Goldendale, Wash.**  
 Dr. ELSIE TUPPER, Goldendale, Wash.  
**THE DALLES CLINIC, The Dalles, Oregon**  
 Dr. JAMES R. SCHLICHTING, The Dalles, Oregon  
 Dr. R. F. DUNLOP, Kennewick, Wash.  
**DR. JOSEPH L. GREENWELL, Pasco, Wash.**  
 Dr. A. M. GREGSON, Pasco, Wash.  
**DR. CHARLES G. SMICK, Ritaville, Wash.**  
 Dr. JOHN B. MURPHY, Cheney, Wash.  
**DR. E. B. COULTER, Spokane, Wash.**  
 Dr. EDWARD E. BIEVER, Spokane, Wash.  
 Dr. GENE SLICHTER, Spokane, Wash.  
**BEND MEMORIAL CLINIC, Bend, Oregon**  
 Dr. SAMUEL TOEVS, Redmond, Oregon  
 Dr. JOHN F. DORSCH, Redmond, Oregon  
 Dr. T. J. HICKS, Madras, Oregon  
 Dr. JAMES R. SCHLICHTING, Maupin, Oregon  
**DR. O. L. ZESCHIN, St. Helens, Oregon**  
 Dr. E. R. STARR, Rainier, Oregon  
**DR. OTTO GEORGE, Clatskanie, Oregon**  
**MEDICAL DENTAL CENTER, Astoria, Oregon**  
**DR. R. W. FARCHER, Seaside, Oregon**  
**DR. A. O. PITMAN, Hillsboro, Oregon**  
**DR. GERALD B. SMITH, Woodburn, Oregon**  
**DR. R. E. PURVINE, Salem, Oregon**  
**DR. L. M. BAIN, Albany, Oregon**  
 Dr. ROLAND A. MARTIN, Albany, Oregon  
 Dr. RALPH E. HERRON, Lebanon, Oregon  
**DR. ROBT. LANGMACK, Sweet Home, Oregon**  
 Dr. HAROLD B. DOWLING, Sweet Home, Oregon  
 Dr. W. H. CHAPMAN, Eugene, Oregon  
 Dr. LOUIS P. DeFRANK, Eugene, Oregon

## OCULISTS

**THE PORTLAND CLINIC, Portland, Oregon**  
 Dr. M. HARVEY JOHNSON, Portland, Oregon  
 Dr. C. W. BROWNING, Astoria, Oregon  
**BEND MEMORIAL CLINIC, Bend, Oregon**  
 Dr. O. W. PATCHETT, Pasco, Washington  
 Dr. ROBT. L. POHL, Spokane, Washington  
**SPOKANE EYE CLINIC, Spokane, Washington**  
 Dr. F. L. DUNNAVAN, Vancouver, Washington  
 Dr. E. A. UNDERWOOD, Vancouver, Washington  
 Dr. ROBT. H. BEDROSSIAN, Vancouver, Wash.  
 Dr. ARTHUR A. BOBB, JR., Vancouver, Washington

## STRETCHERS ARE LOCATED AT FOLLOWING POINTS

Portland.....	Steam Derrick Outfit
Vancouver.....	Steam Derrick Outfit
Stevenson.....	Station
Lyle.....	Station
Wishram.....	Station
Wishram.....	Steam Derrick Outfit
Roosevelt.....	Station
Plymouth.....	Station
Snake River.....	Station
Washtuena.....	Station
Lamont.....	Station
Maupin.....	Station
Metolius.....	Station

F. S. BARLOW, Jr., Asst. Supt.  
 W. W. GARRETT, Trainmaster  
 G. S. SHOWALTER, Trainmaster  
 T. D. GRAHAM, Trainmaster  
 G. I. SCOTT, Trainmaster

S. G. BUNTIN, Chief Dispatcher  
 L. Z. DANIELS, Genl. Mechanical Supt.  
 E. L. KENNARD, Supt. Motive Power  
 J. J. SHEFCHEK, Traveling Engr.  
 H. E. CROFFUT, Traveling Engr.  
 L. J. FITZGERALD, Traveling Engr.

