

## BROOKLYN SUBDIVISION (0845)

Mile Post	Rule 6.3	CP #'s	Radio Display: East Portland to Willsburg Jct. - 2727(*06) - Willsburg Jct. to Irving Lead - 9696 - Irving Lead to Oakridge - 1414 -		Sta. #'s	Siding Feet
			SOUTH ▼ STATIONS ▲	NORTH ▲ STATIONS ▼		
770.1	TWC	S001	EAST PORTLAND	T	OP773	
	ABS		(2.2)			
767.9			HAIG		OZ627	
			(1.0)			
766.9			BROOKLYN	BT	OZ626	
			(1.7)			
765.2	CTC	VP765	WILLSBURG JCT.		OZ625	
			(1.1)			
764.1			EAST MILWAUKIE		OZ623	
			(3.3)			
760.8		VP761	CLACKAMAS	!		7335
759.3		VP759	(5.3)			
755.5			OREGON CITY (Hold Signal)		OZ615	
753.6		VP754	(3.6)			
751.9		VP752	COALCA			
750.4		VP750	(5.1)			7316
746.8			CANBY		OZ606	
			(4.2)			
742.6		VP743	HITO	!	OZ601	8011
740.9		VP741	(7.4)			
735.2			WOODBURN	T	OZ595	
			(1.4)			
733.8		VP734	GERVAIS			
732.3		VP732	(12.0)			7280
721.8		VP722	LABISH	!	OZ580	7352
721.3		VP721				
720.4		VP720	(2.9)			
718.9	YL	VP719	SALEM	Y	OZ576	
	ABS		(5.0)			
715.5	CTC	VP715	RENARD	!	OZ573	7373
713.9		VP714	(9.7)			
705.8		VP706	MARION			
704.2		VP704	(6.3)			7708
699.5			JEFFERSON		OZ558	
			(3.5)			
696.0		VP696	MILLERSBURG			
694.5		VP694	(3.7)			7278
692.3		VP692	CP VP692 (Hold Signal)			
			(1.4)			
690.9	YL		ALBANY	TY	OZ549	
	ABS		(1.0)			
689.9			PAGE	Y	OZ548	
			(1.1)			
688.8	CTC	VP689	HALLAWELL	!	OZ546	7430
687.2		VP687	(4.2)			
684.6			TANGENT		OZ543	
			(5.4)			
679.2		VP679	SHEDD	!	OZ541	7326
677.7		VP678	(5.4)			
673.8			HALSEY		OZ536	
			(6.2)			
667.6		VP668	ALFORD	!	OZ529	7301
666.1		VP666	(2.5)			
665.1			HARRISBURG		OZ527	
			(4.5)			
660.6		VP661	SWAIN			
659.1		VP659	(7.2)			7342
653.4		VP653	IRVING LEAD		OZ515	
652.1		VP652	(3.7)			

649.7	YL		EUGENE YARD	BTY	OZ512	
	ABS		(2.1)			
647.6	CTC	VP649	EUGENE			
647.1		VP647	(1.9)			1986
645.7		VP646	JUDKINS	!	OZ507	5231
			(1.4)			
644.3			SPRINGFIELD JCT.	T	OZ506	
621.9		VP622	(1.1)			
620.8		VP621	EAST SPRINGFIELD		OZ505	
			(0.4)			
620.4			SPRINGFIELD			
			(2.0)			
618.4		VP618	WEST SPRINGFIELD			
			(2.6)			
615.8		VP616	NATRON	!	OZ500	5280
614.7		VP615	(3.7)			
612.0			FALL CREEK JCT.		OZ496	
			(3.8)			
610.7		VP611	DOUGREN			
609.0		VP609	(9.3)			8430
601.4		VP601	MINNOW	!	OZ485	5330
600.3		VP600	(5.5)			
595.9		VP596	CRALE	!	OZ480	5226
594.8		VP595	(4.5)			
591.4		VP591	HAMPTON			
590.3		VP590	(5.3)			5245
586.1		VP586	LOOKOUT			
584.9		VP585	(4.5)			5758
581.6		VP582	OAKRIDGE			
580.5		VP580				6808

(170.1)

### SI-01 MAIN TRACK AUTHORITY

**CTC between** MP 765.2 and MP 718.9;  
MP 715.5 and MP 692.3;  
MP 688.7 and MP 652.1;  
MP 647.6 and MP 580.5.

**Yard Limits and Rule 9.15 Track Permits:** between:

MP 718.9 and MP 715.5 ;  
MP 692.3 and MP 688.7;  
MP 652.1 and MP 647.6;

**TWC between:** MP 770.1 and MP 765.2.

SI-02 MAXIMUM SPEED TABLE			
Maximum Speed		MPH	
<b>Between Mileposts</b>			
<b>770.1 and 580.5</b>		<b>PSGR</b>	<b>FRT</b>
<b>(Except as Below)</b> ..... <b>79 60</b>			
770.1 and 767.9.....	20	20	
767.9 and 766.7.....	30	30	
766.7 and 764.9.....	45	40	
764.9 and 764.1.....	55	40	
764.1 and 757.6.....	60	40	
757.6 and 755.3.....	40	40	
755.3 and 754.4.....	45	40	
754.4 and 750.8.....	60	40	
750.8 and 750.0.....	45	40	
750.0 and 748.9.....	40	35	
748.9 and 746.9.....	70	50	
746.9 and 746.6.....	60	50	
746.6 and 744.4.....	70	50	
744.4 and 742.7.....	45	40	
742.7 and 739.0.....	70	60	
739.0 and 738.6.....	70+	55+	
738.6 and 735.8.....	70+	60	
735.8 and 734.5.....	45+	45+	
734.5 and 722.7.....	70	60	
722.7 and 720.3.....	60	40	
720.3 and 716.5.....	35	35	
716.5 and 700.0.....	70+	60	
700.0 and 699.1.....	45	45	
699.1 and 693.0.....	70	60	
693.0 and 692.5.....	60	50	
692.5 and 689.9.....	30+	30+	
689.9 and 663.3.....	70	60	
663.3 and 662.8.....	30	30	
662.8 and 661.1.....	70	60	
653.5 and 648.2.....	60	40	
648.2 and 646.9.....	30	30	
646.9 and 620.4.....	40	40	
620.4 and 617.2.....	50	40	
617.2 and 616.7.....	45	40	
616.7 and 611.8.....	50	45	
611.8 and 597.3.....	55	50	
597.3 and 580.5.....	50	45	

SI-03 OTHER SPEED RESTRICTIONS	
Maximum Speed	MPH
<b>1. Thru Sidings &amp; Turnouts</b>	
Sidings Clackamas, Coalca and Eugene ..	10
Sidings Shedd, Alford, Swain, Minnow, Crale and Hampton.....	25
<b>2. Dual Control Switch Turnouts (No Exceptions.)</b>	
<b>3. Misc. Speed Restrictions</b>	
Irving Lead.....	20
Between MP 587.2 and MP 587.3, Tunnel 24 for double-stack cars loaded two containers high.....	25

**SI-04 MAIN TRACK DESIGNATIONS - None.**

**SI-05 MILEPOST EQUATIONS**  
MP 644.3 = MP 621.9

**SI-06 DTC BLOCK LIMITS - None.**

SI-07 ITEM 13 TRAIN DEFECT DETECTORS		
% 765.6	% 662.4	
(#) 757.5	(#) 657.1	
% 750.1	% 646.1	
(#) 737.8	(#) & 616.0	
(#) 725.2	% 613.3	
(#) 710.0	% 606.8	
% 701.7	% 603.0	
(#) 697.8	(#) 598.1	
(#) 681.1	% 593.6	
% 675.2	% 588.1	
(#) 670.2	(#) 583.5	

**SI-08 RULES ITEMS**

**Tunnel 24 MP 587.2** is protected by a High and Wide detector; westward approach location is MP 616.0. If detector is activated by a southward train, and car indicated is a doublestack car loaded two containers high, car must be set out before reaching Tunnel 24. If activated by northward train, be governed by Item 13.4 before passing structure at MP 620.8.

**Rule 8.3-Brooklyn & Haig** When authorized by yardmaster, main track switches at Brooklyn and Haig may be left lined and locked for other than normal movement.

**Rule 8.12 Brooklyn:** When authorized by yardmaster, crossover switches at south end of yard may be left lined for crossover movements.

**Rule 9.12.2.** Trains must contact train dispatcher and Steel Bridge Control Operator on radio channel 2727 for route and authority through CP S000 and over Steel Bridge. Trains must obtain authority before departing Brooklyn Yard MP 767.8, Lake Yard MP 2.0 or Albina Yard MP 1.6.

**Rule 9.15 Eugene Yard:** Track permits are in effect (within yard limits) at Eugene Yard between MP 652.1 and MP 647.6. Trains and engines must obtain permission from the Train Dispatcher (WS-68) before entering limits at a hand-operated switch.

**SI-09 FRA EXCEPTED TRACKS**

**Eugene Yard:** All Blair Yard trks except main lead between WP siding and Coos Bay wye switch; Trks. 115, 267, 352, 434, 436-438; Roundhouse trks 501-509, 522, 525; trks 546, 548, 551-556, 569; trks 702, 704-712.

**Springfield:** Weyerhaeuser Drill.

**Fall Creek Jct.:** Hills Spur MP 612.0.

**Brooklyn Yard:** Trks 004-007, 009-010, 012-014, 111-112, 501-502, 511-521, 701-702, 705-710, 712-717.

**Clackamas and Kellog** Industrial Parks all Tracks

SI-10 BUSINESS TRACKS		
Track Name	MP	STA. #'S
Hills(on spur from Fall Creek) .....	610.1	OZ495
Jasper .....	612.9	OZ497
American (on spur from Halsey) .....	675.8	OZ539
Brooks .....	726.9	OZ586

**SI-11 INDUSTRIAL LEADS**

**Toledo Industrial Lead:** Albany to MP 691.6.

**Coos Bay Industrial Lead:** From Eugene Yard MP 648.1, 3.2 miles.

Business Tracks	MP	Sta.#'s
Danebo .....	651.6	OZ703

## BROOKLYN SUBDIVISION (0845)

**SI-12 TONNAGE RESTRICTIONS/TPOB**

**Maximum Gross Weight:** 158 tons

**SI-13 TRAIN MAKE-UP RESTRICTIONS**

**Coupler Limits:**

The actual trailing tonnage behind a car must not exceed the coupler limit as specified as follows when ascending a grade. Subtract total locomotive tonnage rating for any helper engine that is positioned within the trailing tonnage behind the car. This final figure is the actual trailing tonnage.

Each car is to be considered equipped with a standard type coupler unless it is known the car is equipped with high strength couplers. If it is not known that a car is equipped with high strength couplers, it can be determined by looking at the coupler casting identification located on top of the coupler. A high strength coupler will have the letter "E" as the LAST character of identification. Examples of high strength coupler identifications are E60HTE, SBE60CE, E60DE.

**Coupler Limits**

Territory	Standard Coupler	High Strength Coupler		
Dougren to Minnow	10,000	11,300		

**SI-14 MISC. INSTRUCTIONS**

**Restricted Tracks** Only 4 - axle units may be used when operating on all drill tracks and industry tracks between Portland and Oakridge unless otherwise authorized by service unit manager.

**EXCEPTION:**

6-axle units may operate on the following tracks, not exceeding 5 MPH:

- Drill Tracks 130, 132 and 133 at Clackamas.
- Track 136 at Oregon City.
- Track 619 and 620 at Canby.
- Track 600 at Woodburn.
- Track 121 at American Siding.
- Track 135 at Durflake.
- Track 142 at Shedd.
- Track 143 at Halsey.
- Track 724 at Jasper.
- Track 721 at Fall Creek Jct.

Only SW1500/MP15 type units may operate on Tracks 783 and 785 (Smurfit Corp.) at Oregon City. No multiple unit consist may operate on Tracks 704 and 705 at Brooks.

85 foot or longer cars must not be operated on Safeway trackage at Clackamas.

**Eugene Yard:** Southward trains, except passenger trains, will enter yard at MP 650.9 unless otherwise instructed by yardmaster or his representative.

Northward trains, except passenger trains, must enter yard at MP 648.6 unless otherwise instructed by yardmaster or his representative.

When signal 6489 displays any aspect other than GREEN, freight trains must stop and not proceed without permission from the yardmaster or his representative.

Proceed indication displayed by non-controlled Absolute dwarf signal at west end of yard MP649.1 governs movement through crossover to main track. FLASHING RED aspect will govern movement to siding.

When signal 6482 displays RED aspect and a preceding train is not clear of main track, train will remain clear of Van Buren St. crossing until preceding train has entered yard.

**Albany:** Southward movements on the Toledo Industrial Lead must stop short of APPROACH CIRCUIT sign at MP 691.9 until permission to enter yard limits is received from Dispatcher #70.

**Brooklyn:** Northward trains on the Brooklyn Yard Lead Exceeding 1700 ft. in length must not pass signal at MP 768.2 without a flashing lunar indication or permission from the Brooklyn Yardmaster or the Train Dispatcher.

Northward trains terminating Brooklyn must not pass signal bridge MP 766.7 unless permission is obtained from yardmaster or his representative.

Southward trains on the Brooklyn Yard Lead must not pass MP770.1 unless permission is obtained from yardmaster or his representative.

All trains exceeding 1,700 feet in length must not pass signal 7678 unless signal displays green aspect or permission to proceed has been obtained from train dispatcher or Brooklyn yardmaster.

**Tri-level cars** TTQX (type M3X), BNSF 306000 - 306153, GVSR 89000 - 89058 must not be operated on the Brooklyn Subdivision.

**Snow conditions:**

A. When spreader is connected in multiple with engine, Rule 30.3.3 Procedure for Inspection and Test of Locomotive Brakes must be performed by engineer when taking charge.

B. To prevent build-up of ice on brake shoes and to ensure air brakes are effective, engineer operating engine with flanger must make an automatic brake pipe reduction of sufficient force to allow both engine and flanger brakes to apply. This test must be made at approximately 10 minute intervals.

C. Flangers operating in snow territory must raise flanger blades and stop while train or engine is passing on adjacent track.

D. Rotary snowplows must be stopped with wings in the closed position when a train or engine is passing on adjacent track.

E. Flangers (operating snow equipment) may operate at 5 MPH above the posted maximum speed limit not to exceed 35 MPH.

**Springfield:** At Springfield station because of multiple tracks, etc., 40 MPH sign for eastward trains normally placed at MP 619.9 is displayed on lefthand side outside old Springfield siding at MP 619.3.

**BNSF Connection:** MP 721.3.