POP BPIC Rail Construction Type Tabulation:

Abbreviations	
TO = Turnout	XING = Crossing
XO = Crossover	HMA = Hot Mix Asphalt
CS = Common Standard	RBM = Rail Bound Manganese
BLDG = Building	SGSM = Solid Manganese Self-Guarded Frog
RI = Rubber Interface	CWR = Continuous Welded Rail

TR	Segment	Segment Description	Construction Type Assumed?	Status	Length	Rail Section	Nominal Rail Length	Bolt Hole Pattern	Tie Type	Turnout Size	Tie Size	Tie Plate	Tie Pad	Joint Bar	Standard Elastic Fastener	Joint Elastic Fastener	Spikes Per Tie	Anchor Pattern	Anchor type	Misc. Inventory Details
400	1	Concrete Ties			39	115RE	39'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip	-			
	2	Derail			30	115RE	39'	6"-6"-7"-6"-6"	Timber		7" X 9" X 8.5'			Toeless			VARIES			
	3	Concrete Ties			373	115RE	39'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip	-			
	4	Modern Wood			11	115RE	CWR	-	Timber		7" X 9" X 10'	7 3/4" x 13"					4	100% Anchored	Unit V	
	5	SR-397 / Oregon Ave. Xing			147	115RE	CWR	-	Timber		7" X 9" X 10'	7 3/4" x 13"					4	100% Anchored	Unit V	Standard Concrete Panel XING
	6	Modern Wood			9	115RE	CWR	-	Timber		7" X 9" X 10'	7 3/4" x 13"					4	100% Anchored	Unit V	
	7	Concrete Ties			5	115RE	39'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip	-			
	8	TO 400/450			133	115RE	-	VARIES	Timber	#11 RBM	7" X 9" X CS Layout	VARIES		Toeless			VARIES	100% Anchored	Unit V	
	9	TO 400/401			108	115RE	-	VARIES	Timber	#9 SGSM	7" X 9" X CS Layout	VARIES		Toeless			VARIES	100% Anchored	Unit V	
	10	Concrete Ties			263	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip	-			
	11	TO 400/407			133	115RE	-	VARIES	Timber	#11 RBM	7" X 9" X CS Layout	VARIES		Toeless			VARIES	100% Anchored	Unit V	
	12	Concrete Ties			176	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip	-			
	13	TO 400/411			133	115RE	-	VARIES	Timber	#11 RBM	7" X 9" X CS Layout	VARIES		Toeless			VARIES	100% Anchored	Unit V	
	14	Concrete Ties			156	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	15	TO 400/419			116	115RE	-	VARIES	Timber	#9 SGSM	7" X 9" X CS Layout	VARIES		Toeless			VARIES	100% Anchored	Unit V	
	16	Concrete Ties			532	115RE	39'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	17	Modern Wood			9	115RE	CWR	-	Timber		7" X 9" X 10'	7 3/4" x 13"					4	100% Anchored	Unit V	
	18	Ainsworth Xing	**YES**		51	115RE	CWR	-	Timber		7" X 9" X 10'	7 3/4" x 13"					4	100% Anchored	Unit V	Standard Concrete Panel XING
	19	Modern Wood			9	115RE	CWR	-	Timber		7" X 9" X 10'	7 3/4" x 13"					4	100% Anchored	Unit V	
	20	Concrete Ties			71	115RE	39'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	21	TO 400/452			116	115RE	-	VARIES	Timber	#9 SGSM	7" X 9" X CS Layout	VARIES		Toeless			VARIES	100% Anchored	Unit V	
	22	Concrete Ties			426	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	23	RD 18 XING			38	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				HMA/RI XING
	24	Concrete Ties			321	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	25	TO 400/450-2			133	115RE	-	VARIES	Timber	#11 RBM	7" X 9" X CS Layout	VARIES		Toeless			VARIES	100% Anchored	Unit V	
	26	Concrete Ties			207	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	27	TO 400/460			108	115RE	-	VARIES	Timber	#9 SGSM	Non- Common Std	VARIES		Toeless			VARIES	100% Anchored	Unit V	
	28	Concrete Ties			205	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	29	Legacy Wood			30	90RB	26'	6"-5"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Full Toe			4			
	30	Legacy Wood			70	72IS	26'	6"-5"-6"	Timber		6" X 8" X 8'	6" X 9"		Full Toe			4			
	31	RD 21 XING	**YES**		36	72IS	26'	6"-5"-6"	Timber		6" X 8" X 8'	6" X 9"		Full Toe			4			HMA/Mudrails XING
	32	BLDG 2 AREA	**YES**	Out of Service	1051	72IS	26'	6"-5"-6"	Timber		6" X 8" X 8'	6" X 9"		Full Toe			4			Including remnants of other tracks and turnouts
	33	RD 24 XING	**YES**	Out of Service	42	72IS	26'	6"-5"-6"	Timber		6" X 8" X 8'	6" X 9"		Full Toe			4			HMA/Mudrails XING
	34	BETN RD24 & DOCK ST XING	**YES**	Out of Service	978	VARIES	26'	6"-5"-6"	Timber		VARIES	VARIES		Full Toe			4			Including remnants of other tracks and turnouts
	35	Modern Wood	**YES**	Out of Service	10	112	39'	6"-6"-7"-6"-6"	Timber		7" X 9" X 10'	7 3/4" x 13"		Toeless			4			
	36	DOCK ST XING	**YES**	Out of Service	97	112	39'	6"-6"-7"-6"-6"	Timber		7" X 9" X 10'	7 3/4" x 13"		Toeless			4			Standard Concrete Panel XING
	37	Modern Wood	**YES**	Out of Service	21	112	39'	6"-6"-7"-6"-6"	Timber		7" X 9" X 10'	7 3/4" x 13"		Toeless			4			
	38	Trail XING	**YES**	Out of Service	20	112	39'	6"-6"-7"-6"-6"	Timber		7" X 9" X 10'	7 3/4" x 13"		Toeless			4			Standard Concrete Panel XING
	39	Modern Wood	**YES**	Out of Service	25	112	39'	6"-6"-7"-6"-6"	Timber		7" X 9" X 10'	7 3/4" x 13"		Toeless			4			
	40	Legacy Wood	**YES**	Out of Service	2150	VARIES	26'	6"-5"-5"-5"-6"	Timber		VARIES	VARIES		Full Toe			4			Remnants of makeshift ~10' long wood crossing about 750' east of Dock st xing
	41	Modern Wood		Out of Service	19	112RE	39'	VARIES	Timber		7" X 9" X 10'	7 3/4" x 13"		Toeless			4			
	42	Trail XING		Out of Service	20	112RE	39'	-	Timber		7" X 9" X 10'	7 3/4" x 13"		Toeless			4			Standard Concrete Panel XING
	43	Modern Wood		Out of Service	20	112RE	39'	VARIES	Timber		7" X 9" X 10'	7 3/4" x 13"		Toeless			4			
	44	Legacy Wood		Out of Service	28	VARIES	26'	VARIES	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Full Toe			4			
	45	Truck RD XING		Out of Service	26	90RB	26'	6"-5"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Full Toe			4			HMA/Mudrails XING with worn out Fabric
	46	Legacy Wood		Out of Service	980	90RB	26'	VARIES	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Full Toe			4			4 of 6 bolts inserted in the joint bars
401	1	Concrete Ties			804	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	2	Legacy Wood			2414	90RB	26'	6"-5"-6"	Timber		VARIES	VARIES		Full Toe			2			Gauge Rods present; Hayes SF wheelstops present
	3	Legacy Wood		Out of Service	3944	90RB	26'	6"-5"-6"	Timber		VARIES	VARIES		Full Toe			2			
	1	Concrete Ties			1652	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	2	Modern Wood	**YES**		8	115RE	CWR	-	Timber		7" X 9" X 10'	7 3/4" x 13"					4	100% Anchored	Unit V	
	3	Ainsworth Xing	**YES**		50	115RE	CWR	-	Timber		7" X 9" X 10'	7 3/4" x 13"					4	100% Anchored	Unit V	Standard Concrete Panel XING

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TR	Segment	Segment Description	Construction Type Assumed?	Status	Length	Rail Section	Nominal Rail Length	Bolt Hole Pattern	Tie Type	Turnout Size	Tie Size	Tie Plate	Tie Pad	Joint Bar	Standard Elastic Fastener	Joint Elastic Fastener	Spikes Per Tie	Anchor Pattern	Anchor type	Misc. Inventory Details
450	4	Modern Wood	YES		8	115RE	CWR	-	Timber		7" X 9" X 10'	7 3/4" x 13"					4	100% Anchored	Unit V	
	5	Concrete Ties			633	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	6	RD 18 XING			65	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				HMA/RI XING
	7	Concrete Ties			297	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
406	1	Legacy Wood	YES	Out of Service	560	85A	26'	6"-5"-6"	Timber		7" X 9" X 8.5'	6" x 9"		Full Toe						
407	1	Concrete Ties			752	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	2	TO 407/409			116	115RE	-	VARIES	Timber	#9 SGSM	7" X 9" X CS Layout	7 3/4" x 13"		Toeless			VARIES	100% Anchored	Unit V	
	3	Concrete Ties			188	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	4	TO 407/412			133	115RE	-	VARIES	Timber	#11 RBM	7" X 9" X CS Layout	VARIES		Toeless			VARIES	100% Anchored	Unit V	
	5	RD 18 XING			28	115RE	-	VARIES	VARIES		VARIES	VARIES		Toeless			VARIES			HMA/RI XING
	6	Concrete Ties			482	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	7	HMA XING			18	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				HMA/RI XING
	8	Concrete Ties			244	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	9	TO 407/410-1			133	115RE	-	VARIES	Timber	#11 RBM	7" X 9" X CS Layout	VARIES		Toeless			VARIES	100% Anchored	Unit V	
	10	Concrete Ties		Out of Service	50	115RE	39'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	11	Legacy Wood		Out of Service	163	90RB	VARIES	6"-5"-6"	Timber		7" X 9" X 8.5'	VARIES		Fulll Toe			4			One instance of square joints
	12	Former RD 21 XING	YES	Out of Service	39	90RB	VARIES	6"-5"-6"	Timber		7" X 9" X 8.5'	VARIES		Fulll Toe			4			HMA/Mudrails XING
	13	Legacy Wood		Out of Service	1052	90RB	VARIES	6"-5"-6"	Timber		7" X 9" X 8.5'	VARIES		Fulll Toe			4			Track buried in short sections with aggregates, and also includes a former road xing
	14	Former RD 24 XING	YES	Out of Service	33	90RB	VARIES	6"-5"-6"	Timber		7" X 9" X 8.5'	VARIES		Fulll Toe			4			HMA/Mudrails XING
	15	Legacy Wood		Out of Service	734	90RB	VARIES	6"-5"-6"	Timber		7" X 9" X 8.5'	VARIES		Fulll Toe			4			Track buried in short sections with aggregates, and also includes a former road xing
	16	TO 407/407A		Out of Service	133	90RB	-	VARIES	Timber	#11 RBM	7" X 9" X CS Layout	VARIES		Fulll Toe			VARIES	100% Anchored	Unit V	
	17	Legacy Wood		Out of Service	216	90RB	VARIES	6"-5"-6"	Timber		7" X 9" X 8.5'	VARIES		Fulll Toe			4			
	18	RD 27 XING		Out of Service	31	90RB	VARIES	6"-5"-6"	Timber		7" X 9" X 8.5'	VARIES		Fulll Toe			4			
	19	Legacy Wood		Out of Service	1077	90RB	VARIES	6"-5"-6"	Timber		7" X 9" X 8.5'	VARIES		Fulll Toe			4			Area of turnout removal
	20	Former RD 30 XING	YES	Out of Service	33	90RB	VARIES	6"-5"-6"	Timber		7" X 9" X 8.5'	VARIES		Fulll Toe			4			HMA/Mudrails XING
	21	Legacy Wood		Out of Service	1086	90RB	VARIES	6"-5"-6"	Timber		7" X 9" X 8.5'	VARIES		Fulll Toe			4			
	22	Former RD 33 XING	YES	Out of Service	32	90RB	VARIES	6"-5"-6"	Timber		7" X 9" X 8.5'	VARIES		Fulll Toe			4			HMA/Mudrails XING
	23	Legacy Wood		Out of Service	535	90RB	VARIES	6"-5"-6"	Timber		7" X 9" X 8.5'	VARIES		Fulll Toe			4			
	24	Concrete Ties		Out of Service	41	115RE	VARIES	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	25	TO 407/410-2	YES		133	115RE	-	VARIES	Timber	#11 RBM	7" X 9" X CS Layout	VARIES		Toeless			VARIES	100% Anchored	Unit V	Out of Service for the straight side
	26	Concrete Ties	YES		353	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	J-Clip				
	27	RD 36 Xing			26	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	J-Clip				HMA/RI XING
	28	Concrete Ties			695	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	J-Clip				
407A	1	XO	YES	Out of Service	248	90RB	26'	6"-5"-6"	Timber		7" X 9" X 8.5'	6" x 9"		Full Toe			4			
409	1	Concrete Ties			163	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	2	Modern Wood			139	115RE	79'	6"-6"-7"-6"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	100% Anchored	Unit V	
	3	RD 18 XING			32	115RE	CWR	-	Timber		7" X 9" X 8.5'	7 3/4" x 13"		-			4			HMA/RI XING
	4	Modern Wood			262	115RE	79'	6"-6"-7"-6"-6"	Timber		7" X 9" X 8.5'	VARIES		Toeless			4	100% Anchored	Unit V	
	5	Legacy Wood			30	90RB	26'	6"-5"-6"	Timber		7" X 9" X 8.5'	6" x 9"		Full Toe			4	BNSF Anchor Pattern	Unit V	Double step down rail (115-90-72)
	6	Legacy Wood			809	72IS	26'	6"-5"-6"	Timber		7" X 9" X 8.5'	6" x 9"		Full Toe			4			Drip pans and makeshift aggregate xing within segment
	7	Legacy Wood	YES	Out of Service	1387	72IS	26'	6"-5"-6"	Timber		7" X 9" X 8.5'	6" x 9"		Full Toe			4			Mudrails for HMA and aggregate sections
	8	TO 409/406	YES	Out of Service	110	85A	-	VARIES	Timber	#9 SGSM	Non- Common Std	VARIES		Full Toe			VARIES	Sporadic	Unit V	
	9	Legacy Wood	YES	Out of Service	725	72IS	26'	6"-5"-6"	Timber		7" X 9" X 8.5'	6" x 9"		Full Toe			4			Mudrails with HMA and/or aggregate sections
	10	RD 27 XING	YES	Out of Service	29	90RB	26'	6"-5"-6"	Timber		7" X 9" X 8.5'	6" x 9"		Full Toe			4			Mudrails with HMA and/or aggregate sections
	11	TO 409/407A	YES	Out of Service	134	90RB	-	VARIES	Timber	#11 RBM	7" X 9" X CS Layout	6" x 8"		Full Toe			VARIES	Sporadic	Unit V	
	12	Legacy Wood	YES	Out of Service	3138	VARIES	VARIES	VARIES	Timber		7" X 9" X 8.5'	VARIES		Full Toe			VARIES			Remnants of multiple turnouts
410	1	Concrete Ties			2428	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	2	RD 27 XING	YES		22	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				HMA/RI XING
	3	Concrete Ties			2815	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	1	Concrete Ties/RD 18 XNG			19	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	2	Concrete Ties			132	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				

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412	3	Legacy Wood			361	90RB	33'	6"-5"-6"	Timber		7" X 9" X 8.5'	6"x 8.5"		Full Toe			4			
	4	HMA XING			12	90RB	33'	6"-5"-6"	Timber		7" X 9" X 8.5'	6"x 8.5"		Full Toe			4			HMA/RI XING
	5	Legacy Wood			213	90RB	33'	6"-5"-6"	Timber		7" X 9" X 8.5'	6"x 8.5"		Full Toe			4			
415	1	Concrete Ties			279	115RE	39'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	J-Clip				
	2	RD 18 XING			40	115RE	39'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				HMA/RI XING
	3	Concrete Ties			14	115RE	39'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		VARIES	Toeless	E-Clip	C-Clip				
	4	Concrete Ties			133	115RE	39'	6"-6"-7"-6"-6"	CXT 429		8' 3"		Octagonal	Toeless	E-Clip	J-Clip				
	5	Concrete Ties			156	115RE	39'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	6	Concrete Ties			1901	119RE	39'	6.5"-6.5"-5"-6.5"-6.5"	CXT 429		8' 3"		Octagonal	Toeless	E-Clip	J-Clip				
	7	RD 24 XING			28	119RE	CWR	6.5"-6.5"-5"-6.5"-6.5"	CXT 429		8' 3"		Octagonal	Toeless	E-Clip	J-Clip				HMA/RI XING
	8	Concrete Ties			1082	119RE	39'	6.5"-6.5"-5"-6.5"-6.5"	CXT 429		8' 3"		Octagonal	Toeless	E-Clip	J-Clip				
	9	RD 27 XING			29	119RE	CWR	6"-6"-7"-6"-6"	CXT 429		8' 3"		Octagonal	-	E-Clip	-				HMA/RI XING
	10	Concrete Ties			1150	119RE	39'	6.5"-6.5"-5"-6.5"-6.5"	CXT 429		8' 3"		Octagonal	Toeless	E-Clip	J-Clip				
	11	Concrete Ties			2153	132RE	VARIES	6.5"-5"-6.5"	CXT 100S		8' 3"		Fast Clip Pads	Toeless	Fast Clips	Joint Fast Clips				
	12	RD 36 XING			24	132RE	CWR	6.5"-5"-6.5"	CXT 100S		8' 3"		Fast Clip Pads	Toeless	Fast Clips	Joint Fast Clips				HMA/RI XING
	13	Concrete Ties			51	132RE	VARIES	6.5"-5"-6.5"	CXT 100S		8' 3"		Fast Clip Pads	Toeless	Fast Clips	Joint Fast Clips				
	14	Concrete Ties			723	115RE	39'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	15	TO 415/407			133	115RE	-	VARIES	Timber	#11 SGSM	7" X 9" X CS Layout	VARIES		Toeless			VARIES	100% Anchored	Unit V	
	16	Concrete Ties			410	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	J-Clip				
	17	Modern Wood	**YES**		5	115RE	CWR	-	Timber		7" X 9" X 10'	7 3/4" x 13"					6			
	18	Sacajawea Rd Xing			41	115RE	CWR	-	Timber		7" X 9" X 10'	7 3/4" x 13"					6			Standard Concrete Panel XING; also includes drain pipe
	19	Modern Wood	**YES**		3	115RE	CWR	-	Timber		7" X 9" X 10'	7 3/4" x 13"					6			
	20	Concrete Ties			50	115RE	39'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	J-Clip				
	21	Derail			42	115RE	-	VARIES	Timber											BNSF owned/maintained island circuit enters limits of POP owned track
	22	Concrete Ties			24	115RE	39'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	J-Clip				BNSF welded into the POP owned track instead of comp joints
411	1	Concrete Ties			380	115RE	39'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	2	Concrete Ties			110	115RE	39'	6"-6"-7"-6"-6"	CXT 429		8' 3"		Octagonal	Toeless	E-Clip	C-Clip				
	3	Non Std Xing			10	115RE	-	-	CXT 429		8' 3"		-	-	E-Clip	C-Clip				Non-Standard Concrete crossing panel on concrete ties
	4	Concrete Ties			127	115RE	39'	6"-6"-7"-6"-6"	CXT 429		8' 3"		Octagonal	Toeless	E-Clip	C-Clip				
	5	TO 411/415			132	115RE	-	VARIES	Timber	#11 RBM	7" X 9" X CS Layout	7 3/4" x 13"		Toeless			VARIES	100% Anchored	Unit V	
	6	Modern Wood			153	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			6	BNSF Anchor Pattern	Unit V	Gauge Rods present
	7	TO 411/416			115	112/115RE	-	VARIES	Timber	#9 SGSM	7" X 9" X CS Layout	VARIES		Toeless			VARIES	100% Anchored	Unit V	Pandrol plates on the toe end, then cut spikes
	8	Modern Wood			12	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	
	9	RD 18 XING			43	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	
	10	Modern Wood			793	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	Missing comp bar on north rail before 115 turnout
	11	Aggregate Pad			41	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	Aggregate pad at loading docks
	12	Modern Wood			155	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	
	13	TO 411/411A			115	115RE	-	VARIES	Timber	#11 SGSM	7" X 9" X CS Layout	VARIES		Toeless			VARIES	100% Anchored	Unit V	HMA/RI XING; Frog and joint bars in HMA xing
	14	RD 21 XING			26	115RE	-	VARIES	Timber	#11 SGSM	7" X 9" X CS Layout	VARIES		Toeless			VARIES	100% Anchored	Unit V	HMA/RI XING
	15	Modern Wood			92	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	
	16	HMA Pad			116	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	
	17	Modern Wood			388	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	
	18	Aggregate Pad			35	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	Aggregate pad at loading docks
	19	Modern Wood			148	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	
	20	Aggregate Pad			36	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	Aggregate pad at loading docks
	21	Modern Wood			232	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	Geotextile Fabric not covering the total extents of the aggregate pad

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POP BPIC Rail Construction Type Tabulation:

Abbreviations	
TO = Turnout	XING = Crossing
XO = Crossover	HMA = Hot Mix Asphalt
CS = Common Standard	RBM = Rail Bound Manganese
BLDG = Building	SGSM = Solid Manganese Self-Guarded Frog
RI = Rubber Interface	CWR = Continuous Welded Rail

TR	Segment	Segment Description	Construction Type Assumed?	Status	Length	Rail Section	Nominal Rail Length	Bolt Hole Pattern	Tie Type	Turnout Size	Tie Size	Tie Plate	Tie Pad	Joint Bar	Standard Elastic Fastener	Joint Elastic Fastener	Spikes Per Tie	Anchor Pattern	Anchor type	Misc. Inventory Details
411A	1	XO			-	115RE	-	VARIES	Timber	#11 SGSM	7" X 9" X CS Layout	VARIES		Toeless			VARIES	100% Anchored	Unit V	HMA/RI XING
416	1	Modern Wood			13	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	
	2	RD 18 XING			33	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	
	3	Modern Wood			803	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	
	4	Aggregate Pad			44	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	Aggregate pad at loading docks
	5	Modern Wood			245	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	
	6	RD 21 XING			24	115RE	-	VARIES	Timber	#11 SGSM	7" X 9" X CS Layout	VARIES		Toeless			VARIES	100% Anchored	Unit V	HMA/RI XING
	7	TO 416/411A			115	115RE	-	VARIES	Timber	#11 SGSM	7" X 9" X CS Layout	VARIES		Toeless			VARIES	100% Anchored	Unit V	HMA/RI XING; Frog and joints in HMA xing
	8	HMA			116	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	
	9	Modern Wood			393	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	HMA/MudrailDOCK
	10	Aggregate Pad			29	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	Aggregate pad at loading docks
	11	Modern Wood			150	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	
	12	Aggregate Pad			35	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	Aggregate pad at loading docks
	13	Modern Wood			232	112RE	VARIES	6.5"-5"-6.5"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	BNSF Anchor Pattern	Unit V	
419	1	Concrete Ties			190	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	2	Legacy Wood			292	90RB	39'	6"-5"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Full Toe			6	Varying Pattern	Unit V	Gauge rods present; Makeshift wood/aggregate Xing just north of TO 419/420
	3	TO 419/420			115	90RB	-	VARIES	Timber	#9 SGSM	Non- Common Std	VARIES		Full Toe			VARIES	Few	VARIES	Gauge rods present
	4	Legacy Wood			39	90RB	39'	6"-5"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Full Toe			6			
	5	Concrete Ties			50	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	6	Ainsworth Xing			75	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				HMA/RI XING
	7	Concrete Ties			24	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	8	Legacy Wood	YES		147	90RB	26'	6"-5"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Full Toe			VARIES			Gauge rods present
	9	Modern Wood			18	112RE	26'	6"-6"-7"-6"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	100% Anchored	Unit V	
	10	Concrete Ties			10	112RE	CWR	-	UP XING Conc		8' 3"		1091	-	Galvanized E-Clip	-				
	11	RD 18 XING			36	112RE	CWR	-	UP XING Conc		8' 3"		1091	-	Galvanized E-Clip	-				HMA/RI XING
	12	Concrete Ties			12	112RE	CWR	-	UP XING Conc		8' 3"		1091	-	Galvanized E-Clip	-				
	13	Modern Wood			21	112RE	26'	6"-6"-7"-6"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	100% Anchored	Unit V	
	14	Legacy Wood	YES		1057	90RB	26'	6"-5"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Full Toe			VARIES	Sporadic		
	15	TO 419/418A & RD 21 XING	YES		132	90RB	-	VARIES	Timber	#11 SGSM	7" X 9" X CS Layout	VARIES		Full Toe			VARIES			HMA/Mudrails XING
	16	Legacy Wood	YES		925	90RB	32'	6"-5"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Full Toe			VARIES			
420	1	Legacy Wood		Out of Service	95	90RB	39'	6"-5"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Full Toe			4	Only on high rail, then patterned	Unit V	Gauge Rods present
	2	TO 418/420		Out of Service	115	90RB	-	VARIES	Timber	#9 SGSM	7" X 9" X CS Layout	VARIES		Full Toe			VARIES			Derailment location
	3	Legacy Wood		Out of Service	51	72IS	VARIES	6"-5"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Full Toe			4			Gauge Rods present
	4	Legacy Wood		Out of Service	25	90RB	26'	6"-5"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Full Toe			4			
	5	Modern Wood		Out of Service	53	115RE	VARIES	6"-6"-7"-6"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	North rail anchored	Unit V	
	6	Concrete Ties		Out of Service	15	115RE	CWR	-	UP XING Conc		10'		1091	-	Galvanized E-Clip	-				
	7	RD 18 XING		Out of Service	39	115RE	CWR	-	UP XING Conc		10'		1091	-	Galvanized E-Clip	-				HMA/RI XING
	8	Concrete Ties		Out of Service	11	115RE	CWR	-	UP XING Conc		10'		1091	-	Galvanized E-Clip	-				
	9	Modern Wood		Out of Service	46	90RB	VARIES	6"-6"-7"-6"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	North rail anchored	Unit V	
	10	BLDG 1 Area	YES	Out of Service	975	72IS	26'	6"-5"-6"	Timber		VARIES	VARIES		Full Toe			4			HMA/Mudrails & Aggregate Xings at loading docks
	11	Modern Wood		Out of Service	40	90RB	26'	6"-6"-7"-6"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	Sporadic	Fair	
	12	Modern Wood		Out of Service	22	115RE	26'	6"-6"-7"-6"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			VARIES	100% Anchored	Unit V	
	13	TO 420/420A & RD 21 XING		Out of Service	116	115RE	-	VARIES	Timber	#9 SGSM	7" X 9" X CS Layout	VARIES		Toeless			VARIES	100% Anchored	Unit V	HMA/RI XING
	14	BLDG 2 Area	YES	Out of Service	959	72IS	26'	6"-5"-6"	Timber		VARIES	VARIES		Full Toe			4			HMA/Mudrails & Aggregate Xings at loading docks
420A	1	Turnout-Turnout XO	YES	Out of Service	469	115RE	-	VARIES	Timber	#9 SGSM	7" X 9" X CS Layout	VARIES		Toeless			VARIES	100% Anchored	Unit V	Portion between frogs (and a small portion of the frogs) in HMA/RI XING
	1	Legacy Wood	YES	Out of Service	29	90RB	39'	6"-5"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Full Toe			4			Gauge Rods present
	2	Modern Wood		Out of Service	5	115RE	VARIES	6"-6"-7"-6"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	North rail anchored	Unit V	
	3	Concrete Ties		Out of Service	19	115RE	CWR	-	UP XING Conc		10'		1091	-	Galvanized E-Clip	-				
	4	RD 18 XING		Out of Service	65	115RE	CWR	-	UP XING Conc		10'		1091	-	Galvanized E-Clip	-				HMA/RI XING
	5	Concrete Ties		Out of Service	13	115RE	CWR	-	UP XING Conc		10'		1091	-	Galvanized E-Clip	-				
	6	Modern Wood		Out of Service	23	90RB	VARIES	6"-6"-7"-6"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	100% Anchored	Unit V	

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RI = Rubber Interface	CWR = Continuous Welded Rail

TR	Segment	Segment Description	Construction Type Assumed?	Status	Length	Rail Section	Nominal Rail Length	Bolt Hole Pattern	Tie Type	Turnout Size	Tie Size	Tie Plate	Tie Pad	Joint Bar	Standard Elastic Fastener	Joint Elastic Fastener	Spikes Per Tie	Anchor Pattern	Anchor type	Misc. Inventory Details
418	7	BLDG 1 Area (West)	YES	Out of Service	476	90RB	26'	6"-5"-6"	Timber		VARIES	VARIES		Full Toe			4			HMA/Mudrails & Aggregate Xings at loading docks
	8	TO 418/418A	YES	Out of Service	115	90RB	-	VARIES	Timber	#11 SGSM	7" X 9" X CS Layout	VARIES		Full Tie			VARIES			Modernized switch stand
	9	BLDG 1 Area (East)	YES	Out of Service	382	90RB	26'	6"-5"-6"	Timber		VARIES	VARIES		Full Toe			4			HMA/Mudrails & Aggregate Xings at loading docks
	10	Modern Wood		Out of Service	5	115RE	26'	6"-6"-7"-6"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4			
	11	TO 418/420A		Out of Service	117	115RE	-	VARIES	Timber	#9 SGSM	7" X 9" X CS Layout	VARIES		Toeless			VARIES	Almost 100%	Channeloc	Portion between frogs (and a small portion of the frogs) in HMA/RI XING
	12	RD 21 XING		Out of Service	46	115RE	-	VARIES	Timber	#9 SGSM	7" X 9" X CS Layout	VARIES		Toeless			VARIES	100% Anchored	Unit V	HMA/RI XING on top of the turnout
	13	Modern Wood	YES	Out of Service	65	90RB	VARIES	6"-5"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Toeless			4	100% Anchored	Unit V	
	14	BLDG 2 Area	YES	Out of Service	337	90RB	VARIES	6"-5"-6"	Timber		VARIES	VARIES		Full Toe			4			HMA/Mudrails & Aggregate Xings at loading docks
418A	1	XO	YES	Out of Service	458	90RB	32'	6"-5"-6"	Timber		7" X 9" X 8.5'	7 3/4" x 13"		Full Toe			6			HMA/Mudrails throughout the crossover length
452	1	Concrete Ties			30	115RE	32'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	2	Legacy Wood		Out of Service	285	90RB	32'	6"-5"-6"	Timber		VARIES	VARIES		Full Toe			6			Gauge rods present, square joints remaining from removed TO
460	1	Concrete Ties			148	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	2	Modern Wood			7.5	115RE	79'	6"-6"-7"-6"-6"	Timber		7" X 9" X 10'	7 3/4" x 13"		Toeless			4			Transition Ties
	3	Dock St XING			113	115RE	79'	6"-6"-7"-6"-6"	Timber		7" X 9" X 10'	7 3/4" x 13"		Toeless			4			Standard Concrete Panel XING
	4	HMA XING	YES		24.5	115RE	79'	6"-6"-7"-6"-6"	Timber		7" X 9" X 10'	7 3/4" x 13"		Toeless			4			HMA/Mudrails Section South of Dock St XING
	5	TO 461/460			107	115RE	-	VARIES	Timber	#7 SGSM	Non- Common Std	VARIES		Toeless			VARIES	100% Anchored	Unit V	Turnout in HMA/mudrails past switch points
	6	Modern Wood	YES		8	90?	26'	6"-5"-6"	Timber		7" X 9" X 8.5'	6" x 9"		Toeless			4			Exact section undetermined; HMA/Mudrails
	7	Legacy Wood	YES		608	90?	26'	6"-5"-6"	Timber		7" X 9" X 8.5'	6" x 9"		Toeless			4			Exact section undetermined; HMA/Mudrails
461	1	HMA	YES		98	115RE	VARIES	VARIES	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				HMA/RI Driveway area
	2	TO 461/462			109	115RE	-	VARIES	Timber	#9 SGSM	Non- Common Std	VARIES		Toeless			VARIES	100% Anchored	Unit V	
	3	Concrete Ties			338	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	4	HMA XING			80	115RE	CWR	-	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				HMA/RI XING
	5	Concrete Ties			109	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	6	HMA XING			40	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				HMA/RI XING
	7	Concrete Ties			740	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
462	1	Concrete Ties			348	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	2	HMA XING			87	115RE	CWR	-	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				HMA/RI XING
	3	Concrete Ties			114	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				
	4	HMA XING			40	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				HMA/RI XING
	5	Concrete Ties			734	115RE	79'	6"-6"-7"-6"-6"	CXT 419S		8' 3"		1091	Toeless	E-Clip	C-Clip				

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