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	2460-01	Tie Plate Spiking Patterns	4/12/2002	B	4/18/2019
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	2502	Rail and Joint Assembly for 136 LB. RE Rail	3/31/2011		
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	2800-80	Switch Plates Braces BP1C & BP2C Plate P4C-136 and Roller Plate 10-TRLC for 136 lb RE Concrete Tie Turnout	3/31/2011		
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	2800-94	Switch Plates for Hallow Steel Ties, 136lb RE Rail Plates HTP-202-L & HTP-203-R 1/4" Skew LV Brace	3/31/2011		
	2800-95	Switch Plates for Hallow Steel Ties, 136lb RE Rail Plates HTP-204-L & HTP-205-R 5/16" Skew LV Brace	3/31/2011		
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	2800	**NO 8 DOUBLE SLIP**			
	2840-01	No 8 136 lb RE Double Slip Crossing with Solid Manganese Frog Bill of Material and General Notes	3/31/2011		
	2840-02	No 8 136 lb RE Double Slip Crossing with Solid Manganese Frog Layout and Crossing Data	3/31/2011		
	2840-03	No 8 136 lb RE Double Slip Crossing with Solid Manganese Frog Layout and Crossing Data	3/31/2011		
	2840-04	Crossing Geometry and Crossing Data No 8 136 lb RE Double Slip Crossing	3/31/2011		
	2840-11	136 lb RE 23'-3 7/6" Straight Switch Point Made From 40'-0" Long Rail No 8 Double Slip Crossing	3/31/2011		
	2840-12	136 lb RE 27'-8 7/8" Curved Switch Point Made From 40'-0" Long Rail No 8 Double Slip Crossing	3/31/2011		
	2840-30	No 8 136 lb RE Double Slip Crossing Timber the Layout	3/31/2011		
	2840-40	No 8 Railbound Manganese Steel Frog with Pandrolized Plates for a 136 lb RE Double Slip Crossing	3/31/2011		
	2840-41	No 8 Double Slip Crossing Center Section Layout 136 lb RE Rail	3/31/2011		
	2840-44	Insulated Gauge Plate Details DS-GP-1, DS-GP-2 and DS-GP-3 136 lb RE No 8 Double Slip Crossing	3/31/2011		
	2840-45	Brace Plate and Slide Plate Details No 8 136 lb RE Double Slip Crossing	3/31/2011		
	2840-46	Switch Slide Plate and Switch Heel Plate Details No 8 136 lb RE Double Slip Crossing	3/31/2011		
	2840-47	Details Insulated Frog Gauge Plates No 8 136 lb RE Double Slip Crossing	3/31/2011		
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	2840-50	Insulated Spread Rods No 2 & 3 for End Points No 8 136 lb RE Double Slip Crossing	3/31/2011		

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	2801-01	Turnout Layout No.8 - 136lb RE LH RBM Frog Turnout Wood Ties, Switch Stand on Either Side	3/31/2011		
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	2801-11	Turnout Layout No.8 - 136lb RE LH RBM Frog Turnout Wood Ties, Switch Stand on Either Side Bill of Materials	3/31/2011		
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	2801-21	Switch Point 16' - 6" 136lb RE LH Curve	3/31/2011		
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	2801-23	Switch Point 16' - 6" 136lb RE LH STR	3/31/2011		
	2801-24	Switch Point 16' - 6" 136lb RE RH Curve	3/31/2011		
	2801-25	No.8 Straight or Curved Undercut Stock Rails	3/31/2011		
	2801-30	No. 8 RBM Frog 18'-0" Overall Length Wood Ties - 136lb RE Rail	3/31/2011		
	2801-31	No 8 RBM Frog LH Assembly and Frog Pack Wood Ties - 136lb RE Rail	3/31/2011		
	2801-32	No 8 RBM Frog RH Assembly and Frog Pack Wood Ties - 136lb RE Rail	3/31/2011		
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	2801-34	Insulated Frog Gauge Plate No FG-1P for No 8 RH or LH Turnout 40'-0" Switch (16'-6" Align)	3/31/2011		
	2801-35	Insulated Frog Gauge Plate No FG-2P for No 8 RH or LH Turnout 40'-0" Switch (16'-6" Align)	3/31/2011		
	2801-36	Insulated Frog Gauge Plate No FG-3P for No 8 RH or LH Turnout 40'-0" Switch (16'-6" Align)	3/31/2011		
	2801-42	No 8 RBM Frog RH Frog Base Plates FP-20-R, FP-30-R Wood Ties-136 lb RE Rail	3/31/2011		
	2801-43	No 8 RBM Frog LH Frog Base Plates FP-20-L, FP-30-L Wood Ties-136 lb RE Rail	3/31/2011		
	2801-44	No 8 RBM Frog RH Frog Base Plates FP-21-R, FP-22-R, FP-28-R, FP-29-R Wood Ties-136 lb RE Rail	3/31/2011		
	2801-45	No 8 RBM Frog LH Frog Base Plates FP-21-L, FP-22-L, FP-28-L, FP-29-L Wood Ties-136 lb RE Rail	3/31/2011		
	2801-46	No 8 RBM Frog RH Frog Base Plates FP-27-R Wood Ties - 136 lb RE Rail	3/31/2011		
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	2801-48	No 8 RBM Frog RH Frog Base Plates FCP-1-R, FCP-2-R, FCP-3-R Wood Ties - 136 lb RE Rail	3/31/2011		
	2801-49	No 8 RBM Frog LH Frog Base Plates FCP-1-L, FCP-2-L, FCP-3-L Wood Ties - 136 lb RE Rail	3/31/2011		
	2801-50	No 8 136lb RBM Frog Plate FP-23 to FP-26 Details	3/31/2011		
	2801-60	No 8 Insulated Gauge Plate Details P-P, GP-1 & GP-2	3/31/2011		
	2801-61	Heel Plates P6-LH No 8 LH Wood Tie Turnout 40'-0" Switch (16'-6")	3/31/2011		
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	2801-67	Turnout Plates P-17-L Thru P-19-L No 8 LH Wood Tie Turnout for 40'-0" Switch (16'-6")	3/31/2011		
	2801-68	Turnout Plates P-17-R Thru P-19-R No 8 RH Wood Tie Turnout for 40'-0" Switch (16'-6")	3/31/2011		
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	2841-02	No 10 136 lb RE Double Slip Crossing with Solid Manganese Frog Layout	3/31/2011		
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	2841-12	136lb RE 34'-7 3/4" Curved Switch Point No 10 Double Slip Crossing	3/31/2011		
	2841-13	136 lb RE Moveable Center Point, 3rd Rail Filler and Brace Rail Details No 10 Double Slip Crossing	3/31/2011		
	2841-14	Undercut Stock Rails for 22'-8 1/2" Switch Points for No 10 Double Slip Crossing	3/31/2011		
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	2841-41	No 10 Double Slip Crossing Center Section Layout 136 lb RE Rail	3/31/2011		
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	2841-45	Insulated Gauge Plate Details DS-GP-5 and DS-GP-6 136 lb RE No 10 Double Slip Crossing	3/31/2011		
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	2841-47	Brace Slide Plates and Insulated Slide Plate Details No 10 136 lb RE Double Slip Crossing	3/31/2011		
	2841-48	Details Insulated Frog Gauge Plate No 10 136 lb RE Double Slip Crossing	3/31/2011		
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	2841-50	Insulated Head Rod No 1 for End Points No 10 136 lb RE Double Slip Crossing	3/31/2011		
	2841-51	Insulated Spread Rods No 2 & 3 for End Points No 10 136 lb RE Double Slip Crossing	3/31/2011		
	2841-52	Insulated Head Rod No 4 for Moveable Center Points No 10 136 lb RE Double Slip Crossing	3/31/2011		
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		TRACK			
2000	2802-81	No 10-136 lb RE Insulated Guage Plate GP-1 and GP-1R	3/31/2011		
	2802-82	No 10-136 lb RE Insulated Guage Plate GP-2L and GP-2R	3/31/2011		
	2802-83	No 10-136 lb RE Wood Tie Turnout Heel Plate P6-LH	3/31/2011		
	2802-84	No 10-136 lb RE Wood Tie Turnout Heel Plate P5-RH	3/31/2011		
	2802-85	No 10-136 lb RE Brace Slide Plate S-5P and S-7P	3/31/2011		
	2802-86	No 10-136 lb RE Slide Plates S-8P and S-9P for RH or LH Wood Tie Turnouts	3/31/2011		
	2802-88	No 10-136 lb RE Wood Tie Turnout Brace Plate S-4P	3/31/2011		
	2802-91	(40'-0" Rail)	3/31/2011		
	2802-92	0" Rail)	3/31/2011		
	2803-01	Turnout Layout No 10-136 lb RE LH WSM Frog Turnout HST, Switch Machine on Mainline Side	3/31/2011		
	2803-02	Turnout Layout No 10-136 lb RE RH WSM Frog Turnout HST, Switch Machine on Mainline Side	3/31/2011		
	2803-03	Turnout Layout No 10 - 136lb RE LH WSM Frog Turnout HST, Switch Machine on Turnout Side	3/31/2011		
	2803-04	Turnout Layout No 10 - 136lb RE RH WSM Frog Turnout HST, Switch Machine on Turnout Side	3/31/2011		
	2803-05	Turnout Layout No 10 - 136lb RE LH WSM Frog Turnout Concrete Ties, Switch Machine on Mainline Side	3/31/2011		
	2803-06	Turnout Layout No 10 - 136lb RE RH WSM Frog Turnout Concrete Ties, Switch Machine on Mainline Side	3/31/2011		
	2803-07	Turnout Layout No 10 - 136lb RE LH WSM Frog Turnout Concrete Ties, Switch Machine on Turnout Side	3/31/2011		
	2803-08	Turnout Layout No 10 - 136lb RE RH WSM Frog Turnout Concrete Ties, Switch Machine on Turnout Side	3/31/2011		
	2803-09	Turnout Layout No 10 - 136lb RE LH WSM Frog Turnout Concrete Ties, Switch Stand on Mainline Side	3/31/2011		
	2803-10	Turnout Layout No 10 - 136lb RE RH WSM Frog Turnout Concrete Ties, Switch Stand on Mainline Side	3/31/2011		
	2803-11	Turnout Layout No 10 - 136lb RE LH WSM Frog Turnout Concrete Ties, Switch Stand on Turnout Side	3/31/2011		
	2803-12	Turnout Layout No 10 - 136lb RE RH WSM Frog Turnout Concrete Ties, Switch Stand on Turnout Side	3/31/2011		
	2803-13	No 10 - 136lb RE LH Switch Pack, Hollow Steel Ties, Switch Machine on Mainline Side	3/31/2011		
	2803-14	No 10 - 136lb RE RH Switch Pack, Hollow Steel Ties, Switch Machine on Mainline Side	3/31/2011		
	2803-15	No 10 - 136lb RE LH Switch Pack, Hollow Steel Ties, Switch Machine on Turnout Side	3/31/2011		
	2803-16	No 10 - 136lb RE RH Switch Pack, Hollow Steel Ties, Switch Machine on Turnout Side	3/31/2011		
	2803-17	No 10 - 136lb RE LH Switch Pack, Concrete Ties, Switch Control on Mainline Side	3/31/2011		
	2803-18	No 10 - 136lb RE RH Switch Pack, Concrete Ties, Switch Control on Mainline Side	3/31/2011		
	2803-19	No 10 - 136lb RE LH Switch Pack, Concrete Ties, Switch Control on Turnout Side	3/31/2011		
	2803-20	No 10 - 136lb RE RH Switch Pack, Concrete Ties, Switch Control on Turnout Side	3/31/2011		
	2803-21	Switch Point Assembly, 136lb RE Samson, Straight, LH No 10 LH Turnout 33'-3" Overall Length Manganese Tip	3/31/2011		
	2803-22	Switch Point Assembly, 136lb RE Samson, Curved, RH No 10 LH Turnout 33'-3" Overall Length Manganese Tip	3/31/2011		
	2803-23	Switch Point Assembly, 136lb RE Samson, Curved, LH No 10 RH Turnout 33'-3" Overall Length Manganese Tip	3/31/2011		
	2803-24	Switch Point Assembly, 136lb RE Samson, Straight, RH No 10 RH Turnout 33'-3" Overall Length Manganese Tip	3/31/2011		
	2803-25	Samson Stock Rail, Curved, LH 136lb RE 39'-9 3/16" Long for No 10 136 lb RE LH Switch Pack	3/31/2011		
	2803-26	Samson Stock Rail, Straight, RH 136lb RE 45'-11" Long for No 10 136 lb RE LH Switch Pack	3/31/2011		
	2803-27	Samson Stock Rail, Straight, LH 136lb RE 45'-11" Long for No 10 136 lb RE RH Switch Pack	3/31/2011		
	2803-28	Samson Stock Rail, Curved, RH 136lb RE 39'-9 3/16" Long for No 10 136 lb RE RH Switch Pack	3/31/2011		
	2803-30	Concrete Tie Layout No 10 - 136lb RE Spring Frog Turnout, RH	3/31/2011		
	2803-31	Concrete Tie Layout No 10 - 136lb RE Spring Frog Turnout, LH	3/31/2011		
	2803-32	Hollow Steel Tie Layout Switch Machine on Mainline Side No 10 - 136lb RE RH	3/31/2011		
	2803-33	Hollow Steel Tie Layout Switch Machine on Mainline Side No 10 - 136lb RE LH	3/31/2011		
	2803-34	Hollow Steel Tie Layout Switch Machine on Turnout Side No 10 - 136lb RE RH	3/31/2011		
	2803-35	Hollow Steel Tie Layout Switch Machine on Turnout Side No 10 - 136lb RE LH	3/31/2011		
	2803-36	Concrete Headblock Tie Layout Switch Stand/Switch Machine on Mainline Side No 10 - 136lb RE RH	3/31/2011		
	2803-37	Concrete Headblock Tie Layout Switch Stand/Switch Machine on Mainline Side No 10 - 136lb RE LH	3/31/2011		
	2803-38	Concrete Headblock Tie Layout Switch Stand/Switch Machine on Turnout Side No 10 - 136lb RE RH	3/31/2011		
	2803-39	Concrete Headblock Tie Layout Switch Stand/Switch Machine on Turnout Side No 10 - 136lb RE LH	3/31/2011		
	2803-40	No 10 WSM Frog RH Frog Assembly Plan View and Frog Pack Concrete Ties - 136lb RE Rail	3/31/2011		
	2803-41	No 10 WSM Frog LH Frog Assembly Plan View and Frog Pack Concrete Ties - 136lb RE Rail	3/31/2011		
	2803-42	No 10 WSM Frog RH Frog Base Plates 10-34RC and 10-37RC Concrete Ties - 136lb RE Rail	3/31/2011		
	2803-43	No 10 WSM Frog LH Frog Base Plates 10-34LC and 10-37LC Concrete Ties - 136lb RE Rail	3/31/2011		
	2803-44	No 10 WSM Frog RH Frog Base Plate 10-39RC Concrete Ties - 136lb RE Rail	3/31/2011		
	2803-45	No 10 WSM Frog LH Frog Base Plate 10-39LC Concrete Ties - 136lb RE Rail	3/31/2011		
	2803-46	No 10 WSM Frog RH Frog Base Plate 10-43RC Concrete Ties - 136lb RE Rail	3/31/2011		
	2803-47	No 10 WSM Frog LH Frog Base Plate 10-43LC Concrete Ties - 136lb RE Rail	3/31/2011		
	2803-48	No 10 WSM Frog RH Frog Base Plates 10-47RC and 10-48RC Concrete Ties - 136lb RE Rail	3/31/2011		
	2803-49	No 10 WSM Frog LH Frog Base Plates 10-47LC and 10-48LC Concrete Ties - 136lb RE Rail	3/31/2011		
	2803-51	Flangeway	3/31/2011		
	2803-52	Flangeway	3/31/2011		
	2803-56	LH Switch Stand Adapter Plates for 36E Switch Stand No 10 - 136lb RE Spring Frog for Turnout with Electric Lock	3/31/2011		
	2803-57	RH Switch Stand Adapter Plates for 36E Switch Stand No 10 - 136lb RE Spring Frog for Turnout with Electric Lock	3/31/2011		
	2803-71	Hollow Steel Tie Rodding Assembly Switch Machine on Left Hand Side No 10 - 136lb RE Spring Frog Turnout	3/31/2011		
	2803-72	Hollow Steel Tie Rodding Assembly Switch Machine on Right Hand Side No 10 - 136lb RE Spring Frog Turnout	3/31/2011		
	2803-73	Hollow Steel Tie Switch Rods 10-1,10-2 and 10-3 No 10 - 136 RE	3/31/2011		
	2803-81	Switch Plates (10-12LLC/LRC Through 10-14LLC/LRC) for No 10 136lb RE LH Concrete Tie Turnout	3/31/2011		
	2803-82	Switch Plates (10-15LLC/LRC Through 10-17LLC/LRC) for No 10 136lb RE LH Concrete Tie Turnout	3/31/2011		
	2803-83	Switch Plates (10-18LLC/LRC Through 10-19LLC/LRC) for No 10 136lb RE LH Concrete Tie Turnout	3/31/2011		
	2803-84	Switch Plates (10-12RLC/RRC Through 10-14RLC/RRC) for No 10 136lb RE LH Concrete Tie Turnout	3/31/2011		
	2803-85	Switch Plates (10-15RLC/RRC Through 10-17RLC/RRC) for No 10 136lb RE LH Concrete Tie Turnout	3/31/2011		
	2803-86	Switch Plates (10-18RLC/RRC Through 10-19RLC/RRC) for No 10 136lb RE LH Concrete Tie Turnout	3/31/2011		
	2800	**NO 14 TURNOUT**			
	2800-14	No 14 Turnout	3/31/2011		
	2805-01	Turnout Layout No 14 - 136lb RE LH WSM Frog Turnout HST, Switch Machine on Mainline Side	3/31/2011		
	2805-02	Turnout Layout No 14 - 136lb RE RH WSM Frog Turnout HST, Switch Machine on Mainline Side	3/31/2011		
	2805-03	Turnout Layout No 14 - 136lb RE LH WSM Frog Turnout HST, Switch Machine on Turnout Side	3/31/2011		
	2805-04	Turnout Layout No 14 - 136lb RE RH WSM Frog Turnout HST, Switch Machine on Turnout Side	3/31/2011		
	2805-11	No 14 - 136lb RE LH Switch Pack, Hollow Steel Ties, Switch Machine on Mainline Side			
	2805-12	No 14 - 136lb RE RH Switch Pack, Hollow Steel Ties, Switch Machine on Mainline Side			
	2805-13	No 14 - 136lb RE LH Switch Pack, Hollow Steel Ties, Switch Machine on Turnout Side			
	2805-14	No 14 - 136lb RE RH Switch Pack, Hollow Steel Ties, Switch Machine on Turnout Side			
	2805-21	Switch Point Assembly, 136lb RE Samson, Straight, LH No 14 LH Turnout 45'-0" Overall Length Manganese Tip			

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ENGINEERING STANDARD NO.		DESCRIPTION	ISSUED	CURRENT REVISION	REVISION DATE
		TRACK			
2000	2805-22	Switch Point Assembly, 136lb RE Samson, Curved, RH No 14 LH Turnout 45'-0" Overall Length Manganese Tip			
	2805-23	Switch Point Assembly, 136lb RE Samson, Curved, LH No 14 RH Turnout 45'-0" Overall Length Manganese Tip			
	2805-24	Switch Point Assembly, 136lb RE Samson, Straight, RH No 14 RH Turnout 45'-0" Overall Length Manganese Tip			
	2805-25	Samson Stock Rail, Curved, LH 136lb RE 51'-8" Long for No 14 136lb RE LH Switch Pack	3/31/2011		
	2805-26	Samson Stock Rail, Straight, RH 136lb RE 57'-8" Long for No 14 136lb RE LH Switch Pack	3/31/2011		
	2805-27	Samson Stock Rail, Straight, LH 136lb RE 57'-8" Long for No 14 136lb RE RH Switch Pack	3/31/2011		
	2805-28	Samson Stock Rail, Curved, RH 136lb RE 51'-8" Long for No 14 136lb RE RH Switch Pack	3/31/2011		
	2805-30	Concrete Tie Layout No 14 - 136lb RE Spring Frog Turnout, RH	3/31/2011		
	2805-31	Concrete Tie Layout No 14 - 136lb RE Spring Frog Turnout, LH	3/31/2011		
	2805-32	Hollow Steel Tie Layout Switch Machine on Mainline Side No 14 - 136lb RE RH	3/31/2011		
	2805-33	Hollow Steel Tie Layout Switch Machine on Mainline Side No 14 - 136lb RE LH	3/31/2011		
	2805-34	Hollow Steel Tie Layout Switch Machine on Turnout Side No 14 - 136lb RE RH	3/31/2011		
	2805-35	Hollow Steel Tie Layout Switch Machine on Turnout Side No 14 - 136lb RE LH	3/31/2011		
	2805-41	No 14 WSM Frog LH Frog Assembly Plan View and Frog Pack Concrete Ties - 136lb RE Rail	3/31/2011		
	2805-42	No 14 WSM Frog RH Frog Assembly Plan View and Frog Pack Concrete Ties - 136lb RE Rail	3/31/2011		
	2805-43	No 14 WSM Frog LH Frog Base Plates 14-50LC and 14-51LC Concrete Ties - 136lb RE Rail	3/31/2011		
	2805-44	No 14 WSM Frog RH Frog Base Plates 14-50RC and 14-51RC Concrete Ties - 136lb RE Rail	3/31/2011		
	2805-45	No 14 WSM Frog LH Frog Base Plate 14-52LC Concrete Ties - 136lb RE Rail	3/31/2011		
	2805-46	No 14 WSM Frog RH Frog Base Plate 14-52RC Concrete Ties - 136lb RE Rail	3/31/2011		
	2805-47	No 14 WSM Frog LH Frog Base Plate 14-55LC Concrete Ties - 136lb RE Rail	3/31/2011		
	2805-48	No 14 WSM Frog RH Frog Base Plate 14-55RC Concrete Ties - 136lb RE Rail	3/31/2011		
	2805-49	No 14 WSM Frog LH Frog Base Plates 14-62LC and 14-64LC Concrete Ties - 136lb RE Rail	3/31/2011		
	2805-50	No 14 WSM Frog RH Frog Base Plates 14-62RC and 14-64RC Concrete Ties - 136lb RE Rail	3/31/2011		
	2805-51	No 14 WSM Frog LH Frog Base Plates 14-65LC and 14-66LC Concrete Ties - 136lb RE Rail	3/31/2011		
	2805-52	No 14 WSM Frog rH Frog Base Plates 14-65RC and 14-66RC Concrete Ties - 136lb RE Rail	3/31/2011		
	2805-61	No 14 Guard Rail Assembly, LH Skewed with Plates 26'-0" Long, Boltless, Raised 1" Concrete Ties - 136lb RE Rail, 1-7/8" Flangeway	3/31/2011		
	2805-62	No 14 Guard Rail Assembly, RH Skewed with Plates 26'-0" Long, Boltless, Raised 1" Concrete Ties - 136lb RE Rail, 1-7/8" Flangeway	3/31/2011		
	2805-71	Hollow Steel Tie Rodding Assembly Switch Machine on Left Hand Side No 14 - 136lb RE Spring Frog Turnout	3/31/2011		
	2805-72	Hollow Steel Tie Rodding Assembly Switch Machine on Right Hand Side No 14 - 136lb RE Spring Frog Turnout	3/31/2011		
	2805-73	Hollow Steel Tie Switch Rods 14-1, 14-2, 14-3 and 14-4 No 14 - 136lb RE	3/31/2011		
	2805-81	Switch Plates (14-16LLC/LRC Through 14-18LLC/LRC) For No 14 136lb RE LH Concrete Tie Turnout	3/31/2011		
	2805-82	Switch Plates (14-19LLC/LRC) (14-20LC Through 14-23LC) For No 14 136lb RE LH Concrete Tie Turnout	3/31/2011		
	2805-83	Switch Plates (14-24LC Through 14-26LC) For No 14 136lb RE LH Concrete Tie Turnout	3/31/2011		
	2805-84	Switch Plates (14-16RLC/RRC Through 14-18RLC/RRC) For No 14 136lb RE RH Concrete Tie Turnout	3/31/2011		
	2805-85	Switch Plates (14-19RLC/RRC) (14-20RC Through 14-23RC) For No 14 136 LB RE RH Concrete Tie Turnout	3/31/2011		
	2805-86	Switch Plates (14-24RC Through 14-26RC) For No 14 136lb RE RH Concrete Tie Turnout	3/31/2011		
		NO 20 TURNOUT			
	2800-20	No 20 Turnout	3/31/2011		
	2806-01	Turnout Layout No 20 - 136lb RE LH WSM Frog Turnout HST, Switch Machine on Mainline Side	3/31/2011		
	2806-02	Turnout Layout No 20 - 136lb RE RH WSM Frog Turnout HST, Switch Machine on Mainline Side	3/31/2011		
	2806-03	Turnout Layout No 20 - 136lb RE LH WSM Frog Turnout HST, Switch Machine on Turnout Side	3/31/2011		
	2806-04	Turnout Layout No 20 - 136lb RE RH WSM Frog Turnout HST, Switch Machine on Turnout Side	3/31/2011		
	2806-11	No 20 - 136lb RE LH Switch Pack, Hollow Steel Ties, Switch Machine on Mainline Side	3/31/2011		
	2806-12	No 20 - 136lb RE RH Switch Pack, Hollow Steel Ties, Switch Machine on Mainline Side	3/31/2011		
	2806-13	No 20 - 136lb RE LH Switch Pack, Hollow Steel Ties, Switch Machine on Turnout Side	3/31/2011		
	2806-14	No 20 - 136lb RE RH Switch Pack, Hollow Steel Ties, Switch Machine on Turnout Side	3/31/2011		
	2806-21	Switch Point Assembly, 136lb RE Samson, LH No 20 LH/RH Turnout 67'-0" Overall Length Manganese Tip	3/31/2011		
	2806-22	Switch Point Assembly, 136lb RE Samson, RH No 20 LH/RH Turnout 67'-0" Overall Length Manganese Tip	3/31/2011		
	2806-23	Samson Stock Rail, LH 136lb RE 69'-8" Long for No 20 136lb RE LH Switch Pack	3/31/2011		
	2806-24	Samson Stock Rail, RH 136lb RE 76'-0" Long for No 20 136lb RE LH Switch Pack	3/31/2011		
	2806-25	Samson Stock Rail, LH 136lb RE 76'-0" Long for No 20 136lb RE RH Switch Pack	3/31/2011		
	2806-26	Samson Stock Rail, RH 136lb RE 69'-8" Long for No 20 136lb RE RH Switch Pack	3/31/2011		
	2806-30	Concrete Tie Layout No 20 - 136lb RE Spring Frog Turnout, RH	3/31/2011		
	2806-31	Concrete Tie Layout No 20 - 136lb RE Spring Frog Turnout, LH	3/31/2011		
	2806-32	Hollow Steel Tie Layout Switch Machine on Mainline Side No 20 - 136lb RE RH	3/31/2011		
	2806-33	Hollow Steel Tie Layout Switch Machine on Mainline Side No 20 - 136lb RE LH	3/31/2011		
	2806-34	Hollow Steel Tie Layout Switch Machine on Turnout Side No 20 - 136lb RE RH	3/31/2011		
	2806-35	Hollow Steel Tie Layout Switch Machine on Turnout Side No 20 - 136lb RE LH	3/31/2011		
	2806-41	No 20 WSM Frog LH Frog Assembly Plan View and Frog Pack Concrete Ties - 136lb RE Rail	3/31/2011		
	2806-42	No 20 WSM Frog RH Frog Assembly Plan View and Frog Pack Concrete Ties - 136lb RE Rail	3/31/2011		
	2806-43	No 20 WSM Frog LH Frog Base Plates 20-75LC, 20-76LC and 20-77LC Concrete Ties - 136lb RE Rail	3/31/2011		
	2806-44	No 20 WSM Frog RH Frog Base Plates 20-75RC, 20-76RC and 20-77RC Concrete Ties - 136lb RE Rail	3/31/2011		
	2806-45	No 20 WSM Frog LH Frog Base Plate 20-78LC Concrete Ties - 136 lb RE Rail	3/31/2011		
	2806-47	No 20 WSM Frog LH Frog Base Plate 20-83LC Concrete Ties - 136lb RE Rail	3/31/2011		
	2806-48	No 20 WSM Frog RH Frog Base Plate 20-83RC Concrete Ties - 136lb RE Rail	3/31/2011		
	2806-49	No 20 WSM Frog LH Frog Base Plate 20-88LC Concrete Ties - 136lb RE Rail	3/31/2011		
	2806-50	No 20 WSM Frog RH Frog Base Plate 20-88RC Concrete Ties - 136lb RE Rail	3/31/2011		
	2806-51	No 20 WSM Frog LH Frog Base Plates 20-93LC, 20-94LC and 20-95LC Concrete Ties - 136lb RE Rail	3/31/2011		
	2806-52	No 20 WSM Frog RH Frog Base Plates 20-93RC, 20-94RC and 20-95RC Concrete Ties - 136lb RE Rail	3/31/2011		
	2806-53	No 20 WSM Frog LH Frog Base Plates 20-96LC and 20-97LC Concrete Ties - 136lb RE Rail	3/31/2011		
	2806-54	No 20 WSM Frog RH Frog Base Plates 20-96RC and 20-97RC Concrete Ties - 136lb RE Rail	3/31/2011		
	2806-55	No 20 WSM Frog LH Frog Base Plates 20-98LC and 20-99LC Concrete Ties - 136lb RE Rail	3/31/2011		
	2806-56	No 20 WSM Frog RH Frog Base Plates 20-98RC and 20-99RC Concrete Ties - 136lb RE Rail	3/31/2011		

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ENGINEERING STANDARD NO.		DESCRIPTION	ISSUED	CURRENT REVISION	REVISION DATE
		TRACK			
2000	2806-56	No 20 WSM Frog RH Frog Base Plates 20-98RC and 20-99RC Concrete Ties - 136lb RE Rail	3/31/2011		
	2806-61	No 20 Guard Rail Assembly, LH Skewed with Plates 26'-0" Long, Boltless Raised 1" Concrete Ties - 136lb RE Rail, 1-7/8" Flangeway	3/31/2011		
	2806-62	No 20 Guard Rail Assembly, RH Skewed with Plates 26'-0" Long, Boltless Raised 1" Concrete Ties - 136lb RE Rail, 1-7/8" Flangeway	3/31/2011		
	2806-71	Hollow Steel Tie Rodding Assembly Switch Machine on Left Hand Side No 20 - 136lb RE Spring Frog Turnout	3/31/2011		
	2806-72	Hollow Steel Tie Rodding Assembly Switch Machine on Right Hand Side No 20 - 136lb RE Spring Frog Turnout	3/31/2011		
	2806-73	Hollow Steel Tie Switch Rods 20-1, 20-2 and 20-3 No 20-136lb RE	3/31/2011		
	2806-74	Hollow Steel Tie Switch Rods 20-4 and 20-5 No 20-136lb RE	3/31/2011		
	2806-81	Switch Plates (20-25LLC/LRC Through 20-27LLC/LRC) for No 20 136lb RE LH Concrete Tie Turnout	3/31/2011		
	2806-82	Switch Plates (20-28LLC/LRC Through 29LLC/LRC) (20-30LC Through 20-31LC) for No 20 136lb RE LH Concrete Tie Turnout	3/31/2011		
	2806-83	Switch Plates (20-32LC Through 20-37LC) for No 20 136lb RE LH Concrete Tie Turnout	3/31/2011		
	2806-84	Switch Plates (20-38LC Through 20-40LC) for No 20 136lb RE LH Concrete Tie Turnout	3/31/2011		
	2806-85	Switch Plates (20-25RLC/RRC Through 20-27RLC/RRC) for No 20 136lb RE RH Concrete Tie Turnout	3/31/2011		
	2806-86	Switch Plates (20-28RLC/RRC Through 29RLC/RRC) (20-30RC Through 20-31RC) for No 20 136lb RE RH Concrete Tie Turnout	3/31/2011		
	2806-87	Switch Plates (20-32RC Through 20-37RC) for No 20 136lb RE RH Concrete Tie Turnout	3/31/2011		
	2806-88	Switch Plates (20-38RC Through 20-40RC) for No 20 136lb RE RH Concrete Tie Turnout	3/31/2011		
		NO 24 TURNOUT			
	2800-24	No 24 Turnout	3/31/2011		
	2807-01	Turnout Layout No 24 - 136ln RE LH WSM Frog Turnout HST, Switch Machine on Mainline Side	3/31/2011		
	2807-02	Turnout Layout No 24 - 136ln RE RH WSM Frog Turnout HST, Switch Machine on Mainline Side	3/31/2011		
	2807-03	Turnout Layout No 24 - 136ln RE LH WSM Frog Turnout HST, Switch Machine on Turnout Side	3/31/2011		
	2807-04	Turnout Layout No 24 - 136ln RE RH WSM Frog Turnout HST, Switch Machine on Turnout Side	3/31/2011		
	2807-11	No 24 - 136lb RE LH Switch Pack Hollow Steel Ties, Switch Machine on Mainline Side	3/31/2011		
	2807-12	No 24 - 136lb RE RH Switch Pack Hollow Steel Ties, Switch Machine on Mainline Side	3/31/2011		
	2807-13	No 24 - 136lb RE LH Switch Pack Hollow Steel Ties, Switch Machine on Turnout Side	3/31/2011		
	2807-14	No 24 - 136lb RE RH Switch Pack Hollow Steel Ties, Switch Machine on Turnout Side	3/31/2011		
	2807-21	Switch Point Assembly, 136lb RE Samson, LH No 24 LH/RH Turnout 79'-2" Overall Length Manganese Tip	3/31/2011		
	2807-22	Switch Point Assembly, 136lb RE Samson, RH No 24 LH/RH Turnout 79'-2" Overall Length Manganese Tip	3/31/2011		
	2807-23	Samson Stock Rail, LH 136lb RE 80'-0" Long for No 24 136lb RE LH Switch Pack	3/31/2011		
	2807-24	Samson Stock Rail, RH 136lb RE 80'-0" Long for No 24 136lb RE LH Switch Pack	3/31/2011		
	2807-25	Samson Stock Rail, LH 136lb RE 80'-0" Long for No 24 136lb RE RH Switch Pack	3/31/2011		
	2807-26	Samson Stock Rail, RH 136lb RE 80'-0" Long for No 24 136lb RE RH Switch Pack	3/31/2011		
	2807-30	Concrete Tie Layout No 24 - 136lb RE Spring Frog Turnout, RH	3/31/2011		
	2807-31	Concrete Tie Layout No 24 - 136lb RE Spring Frog Turnout, LH	3/31/2011		
	2807-32	Hollow Steel Tie Layout Switch Machine on Mainline Side No 24 - 136lb RE RH	3/31/2011		
	2807-33	Hollow Steel Tie Layout Switch Machine on Mainline Side No 24 - 136lb RE LH	3/31/2011		
	2807-34	Hollow Steel Tie Layout Switch Machine on Turnout Side No 24 - 136lb RE RH	3/31/2011		
	2807-35	Hollow Steel Tie Layout Switch Machine on Turnout Side No 24 - 136lb RE LH	3/31/2011		
	2807-40	No 24 WSM Frog RH Frog Assembly Plan View and Frog Pack Cocnrete Ties - 136lb RE Rail	3/31/2011		
	2807-41	No 24 WSM Frog LH Frog Assembly Plan View and Frog Pack Cocnrete Ties - 136lb RE Rail	3/31/2011		
	2807-42	No 24 WSM Frog RH - Details Frog Assembly Details and Frog Pack Concrete Ties - 136lb RE Rail	3/31/2011		
	2807-43	No 24 WSM Frog LH - Details Frog Assembly Details and Frog Pack Concrete Ties - 136lb RE Rail	3/31/2011		
	2807-44	No 24 WSM Frog RH Frog Base Plates 24-1R and 24-2R Concrete Ties - 136lb RE Rail	3/31/2011		
	2807-45	No 24 WSM Frog LH Frog Base Plates 24-1L and 24-2L Concrete Ties - 136lb RE Rail	3/31/2011		
	2807-46	No 24 WSM Frog RH Frog Base Plates 24-3R and 24-4R Concrete Ties - 136lb RE Rail	3/31/2011		
	2807-47	No 24 WSM Frog LH Frog Base Plates 24-3L and 24-4L Concrete Ties - 136lb RE Rail	3/31/2011		
	2807-48	No 24 WSM Frog RH Frog Base Plate 24-5R Concrete Ties - 136lb RE Rail	3/31/2011		
	2807-49	No 24 WSM Frog LH Frog Base Plate 24-5L Concrete Ties - 136lb RE Rail	3/31/2011		
	2807-50	No 24 WSM Frog RH Frog Base Plate 24-6R Concrete Ties - 136lb RE Rail	3/31/2011		
	2807-51	No 24 WSM Frog LH Frog Base Plate 24-6L Concrete Ties - 136lb RE Rail	3/31/2011		
	2807-52	No 24 WSM Frog RH Frog Base Plate 24-7R Concrete Ties - 136lb RE Rail	3/31/2011		
	2807-53	No 24 WSM Frog LH Frog Base Plate 24-7L Concrete Ties - 136lb RE Rail	3/31/2011		
	2807-54	No 24 WSM Frog RH Frog Base Plates 24-8R, 24-9R and 24-10R Concrete Ties - 136lb RE Rail	3/31/2011		
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	2807-56	No 24 WSM Frog RH Frog Base Plates 24-11R, 24-12R and 24-13R Concrete Ties - 136lb RE Rail	3/31/2011		
	2807-57	No 24 WSM Frog LH Frog Base Plates 24-11L, 24-12L and 24-13L Concrete Ties - 136lb RE Rail	3/31/2011		
	2807-58	No 24 WSM Frog RH Frog Base Plates 24-14R and 24-15R Concrete Ties - 136lb RE Rail	3/31/2011		
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	2807-84	Switch Plates (24-45LC through 24-48LC) for No 24 136lb RE LH Concrete Tie Turnout	3/31/2011		
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	2818-01	Tie Layout Plan No 14 - LH Crossover 15' Track Centers	3/31/2011		
	2818-02	Tie Layout Plan No 14 - RH Crossover 15' Track Centers	3/31/2011		
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	2901-02	No. 8 136lb, Double Slip Crossing with Solid Manganese Frog Layout and Crossing Data	3/31/2011		
	2901-03	No. 8 Railbound Manganese Steel Frog with Pandrolized Plates for a 136lb. Double Slip Crossing	3/31/2011		
	2901-04	Guard Rail Details 13'-0" Long	3/31/2011		
	2901-05	No. 8 Double Slip Crossing Center Section Layout 136lb RE Rail	3/31/2011		
	2901-06	136lb 23'-3 7/16" Straight Switch Point Made from 40'-0" Long Rail No.8 Double Slip Crossing	3/31/2011		
	2901-07	136lb 27'-8 7/8" Curved Switch Point Made from 40'-0" Long Rail No.8 Double Slip Crossing	3/31/2011		
	2901-08	Insulated Gage Plate Details DS-GP-1, DS-GP-2 and DS-GP-3 136lb No. 8 Double Slip Crossing	3/31/2011		
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	2902-07	136lb 22'-8 1/2" Straight Switch Point for No. 10, 136lb Double Slip Crossing	3/31/2011		
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	2931-06	No. 14 136lb RH RBM Frog Layout	3/31/2011		
	2931-07	No. 14 136lb RH RBM Frog Gage Plate Details	3/31/2011		
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	2941-06	No. 20 136lb RH RBM Frog Layout & Plate Details	3/31/2011		
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	2951-03	No. 24, 136lb RH RBM Frog Turnout Layout	3/31/2011		
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	2951-05	No. 24, 136lb RH RBM Frog Crossover Layout and Bill of Materials	3/31/2011		
	2951-06	No. 24, 136lb RH RBM Frog Layout	3/31/2011		
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	3003	Metrolink Station Standards Center Platforms	5/21/2008	C	5/31/2017
	3004	Locomotive and Car Elevations	5/5/2009	A	1/9/2013
	3100	**MINI HIGH PLATFORMS**			
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	3101-03	PreCast Mini-High Platform	4/1/2003	C	10/7/2016
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	3305	Primary Identification Monument Sign - Sign Type I	4/1/2009	B	3/21/2017
	3306	Vehicular Directional Freestanding Sign - Sign type 2	4/1/2009	A	3/21/2017
	3307-01	Information / Restrictive Copy Layouts - Sign Type 3	4/1/2009	A	3/22/2017
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	3307-03	Information / Restrictive Sign Attachment Details - Sign Type 3	4/1/2009	A	3/22/2017
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	3309	Parking Restrictive Sign Pole Mounted - Sign Type 5	4/1/2009	A	3/23/2017
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	3319	Pedestrian Directional Look Sign Post Mounted - Sign Type 16	4/1/2009	A	11/15/2016
	3320	Station Identification Sign (Small) - Sign Type 20	4/1/2009	A	3/23/2017
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	3323	Accessibility Sign - Sign Type 23	3/31/2011		
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	3404	Shared Tennant Communications Shelter Conduit Layout	11/7/2008	A	9/7/2012
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	3604-03	Video Surveilance System (VSS) Equipment Mounting Configurations (Typical)	7/22/2015		
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	4002-01	Pedestrian Swing Gate Details	3/31/2011	D	10/22/2018
	4002-02	Pedestrian Swing Gate Details	3/31/2011	A	9/21/2010
	4003	Pedestrian Gate Layout, Signal Foundation and ADA Ramp Details	9/20/2016	A	10/2/2018
	4004	Pedestrian Crossing Design Consideration Table	3/31/2011	A	10/2/2018
	4005	Pedestrian Barricade and Metal Hand Railing Details	3/31/2011	D	10/2/2018
	4006-01	Grade Crossing Marking and Signage	7/18/2011	B	10/3/2018
	4006-02	Grade Crossing Marking and Signage	7/18/2011	C	10/22/2018
	4010	Grade Crossings Notes and Legend	10/31/2018		
	4011	Pedestrian Facilities At Vehicle Crossing Entrance Gates Only	12/12/2009	C	10/31/2018
	4012	Pedestrian Facilities At Vehicle Crossing Entrance / Exit Gates	12/12/2009	C	10/31/2018
	4013	Pedestrian Facilities At Acute Angle Vehicle Crossing - Entrance Gates Only	12/12/2009	C	10/31/2018
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	4015	Pedestrian Facilities At Obtuse Angle Vehicle Crossing - Entrance Gates Only	12/12/2009	C	10/3/2018
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	4017	Typical Pedestrian Treatment Details	12/12/2009	C	10/10/2018
	4018	Pedestrian Crossing Only	12/12/2009	D	10/10/2018
	4020	Pedestrian / Vehicle Crossing Adjacent to Station	12/12/2009	D	10/10/2018
	4021	Pedestrian Crossing Adjacent to Station	12/12/2009	E	10/10/2018
	4200	**PRECAST CONCRETE PANELS**			
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	4201-02	Precast Concrete Panels for Highway - Rail Grade Crossing	3/31/2011	C	11/7/2018
	4201-03	Precast Concrete Panels for Highway - Rail Grade Crossing	3/31/2011	C	10/10/2018
	4300	**TEMPORARY TRAFFIC CONTROLS**			
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	4301-02	Temporary Traffic Control At or Near Grade Crossings	4/30/2005	A	9/11/2012
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	4311	Private, Pedestrian And Bicycle Railroad Grade Crossing Sign	4/12/2002	B	10/14/2016
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	5002	Pipe Lines for Flammable and Hazardous Substances Across or Along R.O.W.	3/31/2011		
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	5104	R.O.W. Fencing Tube Steel Fencing	11/20/2002	B	10/15/2015
	5105	R.O.W. Fencing Welded Wire Mesh Fencing	11/20/2002	A	6/19/2015
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	5107-01	R.O.W. Security Access Gate Details	7/18/2005	B	10/14/2016
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	5108-01	Automated Vehicular Driveway Gate Swing Gate Operator Typical Layout	9/28/2015		
	5108-02	Automated Vehicular Driveway Gate Swing Gate Details	9/28/2015		
	5109-01	Automated Vehicular Driveway Gate Slide Gate Operator Typical Layout	9/28/2015		
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	5200	**CONSTRUCTION PROJECT SIGNS**			
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	5212	Quarter Mile Increment Marker	4/12/2002	A	3/22/2013
	5213	Permanent Speed Restriction Signs	4/12/2002	C	5/2/2014
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	5216	Whistling Point / Quiet Zone Sign	4/12/2002	C	4/18/2019
	5217	Yard Limit Sign for Terminal Tracks	4/12/2002	A	3/22/2013
	5218-01	CP Limit Sign	4/12/2002	B	3/22/2013
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	5223	Mechanical Limit and No Ride Zone Signs	5/18/2005	A	3/22/2013
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	5229	Underground Cable Sign and Fiber Optic Cable Marker	12/12/2010	A	3/22/2013
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	ES8506-01	Typical 21' Ground Signal Mast with Pole Mounted Junction Box and Predrilled for Two Signal Heads	3/13/2012	B	8/30/2013
	ES8506-02	Typical 21' Ground Signal Mast with Pole Mounted Junction Box and Predrilled for Four Signal Heads	3/13/2012	B	8/30/2013
	ES8510	Wayside Signal Cantilever Structure	11/21/2008	A	8/30/2013
	ES8515	Wayside Signal Bridge Structure	11/21/2008	A	8/30/2013
	ES8520	Typical Dwarf Signal Assembly	11/21/2008	A	3/12/2015
	ES8525	Typical LED Color Light Signal Unit	11/21/2008	A	8/30/2013
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	ES8615	M23-A Dual Control Switch Layout For No.20 No.24 Right Hand Turnouts		B	8/30/2013
	ES8620	M23-A Dual Control Switch Layout for No. 20 & No. 24 Left Hand Turnouts	11/21/2008	B	8/30/2013
	ES8621-01	M23-A Dual Control Switch Layout for Hollow Tie No. 20 Left Hand Machine and Turnout	11/8/2011	B	8/30/2013

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	ES8621-03	M23-A Dual Control Switch Layout for Hollow Tie No. 20 Right Hand Machine and Turnout	11/8/2011	B	8/30/2013
	ES8621-04	M23A-E Dual Control Switch Layout for Hollow Tie No. 20 Right Hand Machine and Turnout	11/8/2011	B	8/30/2013
	ES8622-01	M23-A Dual Control Switch Layout for Hollow Tie No. 10 Left Hand Machine and Turnout	11/8/2011	B	8/30/2013
	ES8622-02	M23A-E Dual Control Switch Layout for Hollow Tie No. 10 Left Hand Machine and Turnout	11/8/2011	B	8/30/2013
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	ES8623-01	WCH No.8 HBSX Bi-Directional Derail with No.8 WCX Wheel Crowder on Wood Ties for M23A-E Power Switch on Left Hand Side	1/5/2012	B	8/30/2013
	ES8623-02	WCH No.8 HBSX Bi-Directional Derail with No.8 WCX Wheel Crowder on Wood Ties for M23-A Power Switch on Left Hand Side	1/5/2012	B	8/30/2013
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	ES8624-01	Alternative Layout for WCH No.8 HBSX Bi-Directional Derail with No.8 WCX Wheel Crowder on Wood Ties for M23A-E Power Switch on Right Hand Side	1/5/2012	C	2/6/2017
	ES8624-02	Alternative Layout for WCH No.8 HBSX Bi-Directional Derail with No.8 WCX Wheel Crowder on Wood Ties for M23-A Power Switch on Right Hand Side	1/5/2012	C	2/6/2017
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	ES8655	Typical Left or Right Hand Racor Type "MF" Insulated "Front" Rod for No.20 & No. 24 Turnouts	11/21/2008	A	8/30/2013
	ES8660	Typical Racor Type "SMJ" No.1 Insulated "Basket" Rod for No. 8, No. 10, & No. 14 Turnouts	11/21/2008	B	2/6/2017
	ES8665	Typical Racor Type "SMJ" No.1 Insulated "Basket" Rod for No.20 & No. 24 Turnouts	11/21/2008	B	2/6/2017
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