

TURNOUT GEOMETRY			DWG.	DATE
NO.8	TURNOUT 11'-0" & 16'-6"	POINTS	GTS-0001	SEPT. 2017
NO.10	TURNOUT 16'-6"	POINTS	GTS-0002	SEPT. 2017
NO.12	TURNOUT 22'-0"	POINTS	GTS-0003	SEPT. 2017
NO.16	TURNOUT 26'-0", 33'-0" & 39'-0"	POINTS	GTS-0004	SEPT. 2017
NO.20	TURNOUT 39'-0"	POINTS	GTS-0005	SEPT. 2017
NO.8 ON 10 LAP	TURNOUT 13'-0"	POINTS	GTS-0006	SEPT. 2017
TURNOUT RETURN CURVES			GTS-0007	SEPT. 2017

NO.8 TURNOUTS (16'-6" SWITCH POINTS)	RIGID FROG		SELF GUARDED MANGANESE FROG		RAIL BOUND MANGANESE FROG	
	DWG.	DATE	DWG.	DATE	DWG.	DATE
100LB. ARAA RAIL NON INSULATED	GTS-0031 A/B	SEPT. 2017	GTS-0032 A/B	SEPT. 2017	GTS-0033 A/B	SEPT. 2017
100LB. ARAA RAIL INSULATED	GTS-0034 A/B	SEPT. 2017	GTS-0035 A/B	SEPT. 2017	GTS-0036 A/B	SEPT. 2017
100LB. ARAA RAIL NON INSULATED SAMSON PTS.	GTS-0037 A/B	SEPT. 2017				
100LB. ARAA RAIL INSULATED SAMSON PTS.	GTS-0040 A/B	SEPT. 2017	GTS-0041 A/B	SEPT. 2017	GTS-0042 A/B	SEPT. 2017
100LB. ARAA RAIL SPRING OPERATED	GTS-0043 A/B	SEPT. 2017	GTS-0044 A/B	SEPT. 2017	GTS-0045 A/B	SEPT. 2017
100LB. ARAA RAIL POWER OPERATED	GTS-0046 A/D	SEPT. 2017	GTS-0047 A/D	SEPT. 2017	GTS-0048 A/D	SEPT. 2017
100LB. ARAA RAIL POWER OPERATED SAMSON PTS.	GTS-0049 A/D	SEPT. 2017	GTS-0050 A/D	SEPT. 2017	GTS-0051 A/D	SEPT. 2017
132LB. R.E. RAIL INSULATED					GTS-0063 A/B	SEPT. 2017
132LB. R.E. RAIL INSULATED SAMSON PTS.					GTS-0065 A/B	SEPT. 2017
132LB. R.E. RAIL SPRING OPERATED					GTS-0067 A/B	SEPT. 2017
132LB. R.E. RAIL POWER OPERATED					GTS-0069 A/D	SEPT. 2017
132LB. R.E. RAIL POWER OPERATED SAMSON PTS.					GTS-0071 A/D	SEPT. 2017

NO.8 TURNOUTS (16'-6" SWITCH POINTS)	ALL FROGS	
	DWG.	DATE
115LB. R.E. RAIL	GTS-0008A/P	SEPT. 2017
136LB. RAIL	GTS-0009A/P	SEPT. 2017
115LB. RE LIGHT DUTY	GTS-0014	SEPT. 2017
115LB. RE HEAVY DUTY	GTS-0015	SEPT. 2017

NO.10 TURNOUTS (16'-6" SWITCH POINTS)	RIGID FROG		SPRING FROG		SELF GUARDED MANGANESE FROG		RAIL BOUND MANGANESE FROG	
	DWG.	DATE	DWG.	DATE	DWG.	DATE	DWG.	DATE
85LB. STD. RAIL NON INSULATED	GTS-0080 A/B				GTS-0082 A/B	SEPT. 2017	GTS-0083A/B	SEPT. 2017
85LB. STD. RAIL INSULATED	GTS-0084 A/B				GTS-0086 A/B	SEPT. 2017	GTS-0087A/B	SEPT. 2017
100LB. ARAA RAIL NON INSULATED	GTS-0092 A/B		GTS-0093A/B	SEPT. 2017	GTS-0094 A/B	SEPT. 2017	GTS-0095A/B	SEPT. 2017
100LB. ARAA RAIL INSULATED	GTS-0096 A/B		GTS-0097A/B	SEPT. 2017	GTS-0098A/B	SEPT. 2017	GTS-0099A/B	SEPT. 2017
100LB. ARAA RAIL NON INSULATED SAMSON PTS.	GTS-0100A/B		GTS-0101 A/B	SEPT. 2017	GTS-0102A/B	SEPT. 2017	GTS-0103A/B	SEPT. 2017
100LB. ARAA RAIL INSULATED SAMSON PTS.	GTS-0104A/B		GTS-0105A/B	SEPT. 2017	GTS-0106A/B	SEPT. 2017	GTS-0107A/B	SEPT. 2017
100LB. ARAA RAIL SPRING OPERATED	GTS-0108A/B		GTS-0109A/B	SEPT. 2017	GTS-0110 A/B	SEPT. 2017	GTS-0111 A/B	SEPT. 2017
100LB. ARAA RAIL POWER OPERATED	GTS-0112 A/D		GTS-0113 A/D	SEPT. 2017	GTS-0114 A/D	SEPT. 2017	GTS-0115 A/D	SEPT. 2017
100LB. ARAA RAIL POWER OPERATED SAMSON PTS.	GTS-0116 A/D		GTS-0117 A/D	SEPT. 2017	GTS-0118 A/D	SEPT. 2017	GTS-0119 A/D	SEPT. 2017
132LB. R.E. RAIL INSULATED			GTS-0144A/B	SEPT. 2017	GTS-0145A/B	SEPT. 2017	GTS-0146A/B	SEPT. 2017
132LB. R.E. RAIL INSULATED SAMSON PTS.			GTS-0150A/B	SEPT. 2017	GTS-0151 A/B	SEPT. 2017	GTS-0152A/B	SEPT. 2017
132LB. R.E. RAIL SPRING OPERATED			GTS-0153A/B	SEPT. 2017	GTS-0154A/B	SEPT. 2017	GTS-0155A/B	SEPT. 2017
132LB. R.E. RAIL POWER OPERATED			GTS-0156A/D	SEPT. 2017	GTS-0157A/D	SEPT. 2017	GTS-0158A/D	SEPT. 2017
132LB. R.E. RAIL POWER OPERATED SAMSON PTS.			GTS-0159A/D	SEPT. 2017	GTS-0160A/D	SEPT. 2017	GTS-0161 A/D	SEPT. 2017

NO.10 TURNOUTS (16'-6" SWITCH POINTS)	ALL FROGS	
	DWG.	DATE
115LB. R.E. RAIL	GTS-0010A/X	SEPT. 2017
136LB. RAIL	GTS-0011A/Y	SEPT. 2017
115LB. RE LIGHT DUTY	GTS-0016	SEPT. 2017
115LB. RE HEAVY DUTY	GTS-0017	SEPT. 2017

NO.12 TURNOUTS (22'-0" SWITCH POINTS)	RIGID FROG		SPRING FROG		RAIL BOUND MANGANESE FROG	
	DWG.	DATE	DWG.	DATE	DWG.	DATE
85LB. STD. RAIL INSULATED	GTS-0173A/B	SEPT. 2017			GTS-0175A/B	SEPT. 2017
100LB. ARAA RAIL NON INSULATED	GTS-0176A/B	SEPT. 2017	GTS-0177A/B	SEPT. 2017	GTS-0178A/B	SEP '77
100LB. ARAA RAIL INSULATED	GTS-0179A/B	SEPT. 2017	GTS-0180A/B	SEPT. 2017	GTS-0180M/B	SEPT. 2017
100LB. ARAA RAIL NON INSULATED SAMSON PTS.	GTS-0182A/B	SEPT. 2017	GTS-0183A/B	SEPT. 2017	GTS-0184A/B	SEPT. 2017
100LB. ARAA RAIL INSULATED SAMSON PTS.	GTS-0185A/B	SEPT. 2017	GTS-0186A/B	SEPT. 2017	GTS-0187A/B	SEPT. 2017
100LB. ARAA RAIL SPRING OPERATED	GTS-0188A/B	SEPT. 2017	GTS-0189A/B	SEPT. 2017	GTS-0190A/B	SEPT. 2017
100LB. ARAA RAIL POWER OPERATED	GTS-0191 A/D	SEPT. 2017	GTS-0192A/D	SEPT. 2017	GTS-0193A/D	SEPT. 2017
100LB. ARAA RAIL POWER OPERATED SAMSON PTS.	GTS-0194A/D	SEPT. 2017	GTS-0195A/D	SEPT. 2017	GTS-0196A/D	SEPT. 2017
132LB. R.E. RAIL INSULATED			GTS-0215A/B	SEPT. 2017	GTS-0214A/B	SEPT. 2017
132LB. R.E. RAIL INSULATED SAMSON PTS.			GTS-0217A/B	SEPT. 2017	GTS-0218A/B	SEPT. 2017
132LB. R.E. RAIL SPRING OPERATED			GTS-0219A/B	SEPT. 2017	GTS-0220A/B	SEPT. 2017
132LB. R.E. RAIL POWER OPERATED			GTS-0221A/D	SEPT. 2017	GTS-0222A/D	SEPT. 2017
132LB. R.E. RAIL POWER OPERATED SAMSON PTS.			GTS-0223A/D	SEPT. 2017	GTS-0224A/D	SEPT. 2017

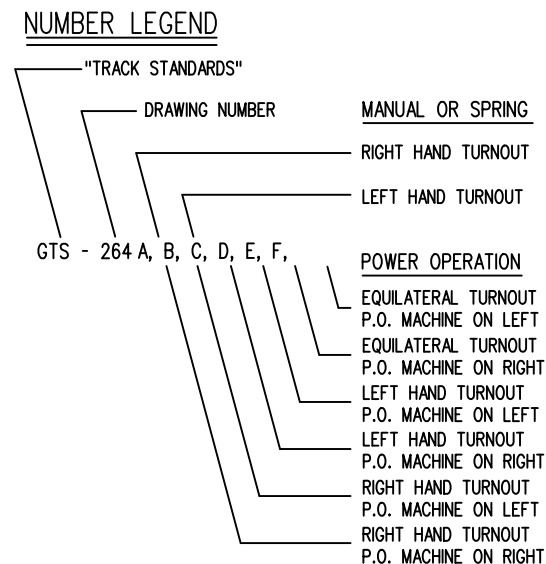
NO.12 TURNOUTS (22'-0" SWITCH POINTS)	ALL FROGS	
	DWG.	DATE
115LB. R.E. RAIL	GTS-0012A/P	SEPT. 2017
136LB. RAIL	GTS-0013A/P	SEPT. 2017

NO.16 TURNOUTS (26'-0", 33'-0" & 39'-0" SWITCH POINTS)	RAIL BOUND MANGANESE FROG & WELDED HEEL MANGANESE FROG	
	DWG.	DATE
132LB. R.E. RAIL POWER OPERATED 33'-0" SAMSON POINTS	GTS-0250 A/D	SEPT. 2017
136LB. RAIL POWER OPERATED 26'-0" SAMSON POINTS	GTS-0251 A/D	SEPT. 2017
136LB. RAIL EQUILATERAL POWER OPERATED 39'-0" SAMSON POINTS	GTS-0252 E/H	SEPT. 2017

NO.20 TURNOUTS (39'-0" SWITCH POINTS)	RAIL BOUND MANGANESE FROG	
	DWG.	DATE
132LB. R.E. RAIL EQUILATERAL POWER OPERATED SAMSON POINTS	GTS-0260 E/F	SEPT. 2017
132LB. R.E. RAIL POWER OPERATED SAMSON POINTS	GTS-0261 A/D	SEPT. 2017
136LB. RAIL EQUILATERAL POWER OPERATED SAMSON POINTS	GTS-0262 E/F	SEPT. 2017
136LB. RAIL POWER OPERATED SAMSON POINTS	GTS-0263 A/D	SEPT. 2017

CROSSOVER TIE ARRANGEMENT			
DESCRIPTION	DWG.	DATE	
NO.8 115 LB RAIL CROSSOVER - 16'-6" POINTS	GTS-0240 SHEET 1	SEPT. 2017	
NO.10 115 LB RAIL CROSSOVER - 16'-6" POINTS	GTS-0241 SHEET 1	SEPT. 2017	
NO.10 136 LB RAIL CROSSOVER - 16'-6" POINTS	GTS-0241 SHEET 2	SEPT. 2017	
NO.12 115 LB RAIL CROSSOVER - 22'-0" POINTS	GTS-0242 SHEET 1	SEPT. 2017	
NO.12 136 LB RAIL CROSSOVER - 22'-0" POINTS	GTS-0242 SHEET 2	SEPT. 2017	
NO.16 136 LB RAIL CROSSOVER - 26'-0" POINTS	GTS-0243 SHEET 1	SEPT. 2017	
NO.20 136 LB RAIL CROSSOVER - 39'-0" POINTS	GTS-0244 SHEET 1	SEPT. 2017	

LAP TURNOUTS (13'-0" SWITCH POINTS)	SELF GUARDED MANGANESE FROG	
	DWG.	DATE
136 LB. RAIL NO. 8 ON 10 LAP TURNOUT	GTS-0246	SEPT. 2017




METRIC CONVERSION: 1 inch=25.4mm, 1 foot=304.8mm

1	18/07/27	ADDED IMPERIAL TO METRIC CONVERSION NOTE
No.	Date	Revision
		By Approved

Standard / **INDEX TURNOUTS**

Drawn _____ Checked _____ Approved *KLL*
VP Engineering & Asset Management

 **METROLINX**

Date SEPT 15/2017 Plan Number GTS-0000 Rev 1

REFERENCE: TS-0000_1 Sheet 1 OF 3