

ITEM DETAIL SUMMARY SHEET 1

LOCATION			GUARDRAIL										MISCELLANEOUS								REMARKS							
BEGIN STA.	END STA.	POS.	621.20	621.205	621.206	621.207	621.21	621.215	621.51	621.53	621.60	621.75	621.80	203.16	203.30	613.10	651.40	653.20	676.10	676.12								
			S.B. G.R., GALV.	S.B. G.R. GALV./W/ 8' POST	S.B. G.R., GALV./ NESTED	S.B. G.R., NESTED W/8' POST	HD S.B. G.R., GALV.	HD S.B. G.R., GALV. W/8' POST	MTS TANGENT	TERMINAL CONNECTOR SB. G.R.	ANCHOR FOR S.B. RAIL	REMOVE & RESET GUARDRAIL	REM & DISP OF G.R.	SOLID ROCK EXCAV.	EARTH BORROW	STONE FILL, TYPE 1	GRUBBING MATERIAL	TEMPORARY EROSION MATTING	DELINEATOR WITH STEEL POST	REMOVAL OF EXIST. DELINEATOR								
			LF	LF	LF	LF	LF	LF	EA	EA	EA	LF	LF	CY	CY	CY	SY	SY	EA	EA								
VT ROUTE 12A																												
ROXBURY - NORTHFIELD																												
35+32.32	215+29.88	LT&RT												853		2342		7107										
ROXBURY																												
42+50	43+00	RT														12	25.0											
47+50	48+25	RT														17	34.2											
45.0	58.0																											
48+95.0	50+95.0	RT	29		87.5						2	200.0	0						2	2							REMOVE AND RESET AS REQUIRED	
49+58.0	52+33.0	LT	179		100						+2	275.0	0						1	1							REMOVE AND RESET AS REQUIRED	
53+03.0	45.0		441.5																									
52+97.5	57+47.5	LT	454.0								2		325		50			50	2	2								
58+70	60+50	RT														52.4	117.2											
80+25	80+60	LT														12.7	30.2											
84+06.0			0	316.5																								
80+92.5	83+42.5	LT	54.0	200.0							2		264		50			50	2	2								
205			205				25																					
87+34.8	89+59.8	RT	54.0	87.5		87.5					2		44		50			50	2	2							SEE STD. S-366 FOR LONGSPAN GUARDRAIL DETAIL, SEE SHEET 32	
60	04.0		66.5																									
88+37	90+62.0	LT	141.5	112.5	87.5	25					2		45		50			50	2	2							SEE STD. S-366 FOR LONGSPAN GUARDRAIL DETAIL, SEE SHEET 32	
90+10	90+56	LT														9.1	17.2											
91+17.5	93+17.5	LT	54.0	150.0							2		49		50			50	2	2								
92+00.0	96+62.5	RT	54.0	412.5							2		397		50			50	2	2								
94+85	96+55	RT														36.3	71.1											
99+00.0	106+00.0		129	575.0																								
98+82.8	105+95.3	LT	54.0	662.5							2				50			50	2									
102+25	103+25	RT														19.6	36.7											
104+00	104+75	RT														19.5	41.8											
105+94	106+50	RT														14.5	31.3											
108+10	108+65	LT														13.3	27.6											
108+85	109+20	LT														8.2	16.9											
81.0			341.5																									
115+43.5	118+43.5	RT	216.5		87.5	0					2		190		50			50	2	2							SEE STD. S-366 FOR LONGSPAN GUARDRAIL DETAIL, SEE SHEET 32	
114.5			114.5																									
116+31.0	118+56.0	LT	141.5	77	87.5	37.5					2		75		50			50	2	2							SEE STD. S-366 FOR LONGSPAN GUARDRAIL DETAIL, SEE SHEET 32	
117+25	118+44	RT														27.6	56.3											
64.5			64.5					32.5																				
119+22.2	120+22.2	LT	77.0								1		101		25			25	1	1							SEE SHEET 33 FOR APPROACH RAIL DETAIL	
119+92.0	120+54.5	RT	39.5					32.5			1		64		25			25	1	1							SEE SHEET 33 FOR APPROACH RAIL DETAIL	
120+72.2	122+22.2	LT	127.0					32.5			1		100		25			25	1	1							SEE SHEET 33 FOR APPROACH RAIL DETAIL	
121+04.5	122+29.5	RT	102.0					32.5			1		126		25			25	1	1							SEE SHEET 33 FOR APPROACH RAIL DETAIL	
124+10	125+25	RT														22.5	42.0											
136+10	137+25	LT														25.5	51.1											
137+60	139+25	RT														34.7	67.5											
149+25	150+00	LT														24.2	55.7											
59.0			77	262.5																								
148+10.2	152+22.7	LT	239.5	150.0				32.5			1		52		25			25	1	1							SEE SHEET 34 FOR APPROACH RAIL DETAIL	
SHEET 22 SUBTOTALS:			1808.5	1662.5	262.5	87.5	162.5	-	-	-	26	475.0	1832	853	575	2691.1	721.8	7682	26	24								

NOTES:
1. INSTALL ANCHORS AT THE BEGINNING AND ENDING OF EACH GUARDRAIL RUN PER STANDARD G1-D
2. 2' OF ADDITIONAL 621.20 STEEL BEAM GUARDRAIL, GALVANIZED IS ADDED FOR EACH END SECTION PER STANDARD G1-D
3. FOR BRIDGE APPROACH DETAILS AND PAY FACTORS SEE SHEETS 32-43
4. SEE SHEET 32 FOR BRIDGE RAIL QUANTITIES

PROJECT NAME: ROXBURY-NORTHFIELD
PROJECT NUMBER: ER STP 0187(13)
FILE NAME: z13c184typ.dgn PLOT DATE: 6/13/2016
PROJECT LEADER: M. FOISY DRAWN BY: G. BARRETT
DESIGNED BY: I. MAYNARD CHECKED BY: G. EDWARDS
ITEM DETAIL SUMMARY SHEET 1 SHEET 22 OF 476

