ITEM DETAIL SUMMARY SHEET 3

LOCATION			GUARDRAIL											MISCELLANEOUS												REMARKS
BEGIN STA.	END STA.	POS.	621.20 S.B. G.R., GALV. LF	621.205 S.B. G.R. GALV.W/ 8' POST LF	621.206 S.B. G.R., GALV./ NESTED LF	621.207 S.B. G.R., NESTED W/8' POST LF	621.21 HD S.B. G.R., GALV. LF	621.215 HD S.B. G.R., GALV. W/8' POST LF	621.51 MTS TANGENT EA	621.53 TERMINAL CONNECTOR SB. G.R. EA	621.60 ANCHOR FOR S.B. RAIL EA	621.75 REMOVE & RESET GUARDRAIL LF	621.80 REM & DISP OF G.R. LF	203.16 SOLID ROCK EXCAV. CY	203.30 EARTH BORROW CY	613.10 STONE FILL, TYPE I CY	651.40 GRUBBING MATERIAL SY	653.20 TEMPORARY EROSION MATTING SY	676.10 DELINEATOR WITH STEEL POST EA	676.12 REMOVAL OF EXIST. DELINEATOR EA						
VT ROUTE 12A																										
86.0 **ROXBURY**			216.5																							
292+~~97.0~~	295+~~84.5~~ 86.0	RT	~~191.5~~		100.0						2		147		50			50	2	2						SEE STD. S-366 FOR LONGSPAN GUARDRAIL DETAIL, SEE SHEET 32
32.0			104.0	100.0	100.0																					
293+~~45.0~~	296+20.0	LT	~~54.0~~	~~125.0~~		~~100.0~~ 0					2		178		50			50	2	2						SEE STD. S-366 FOR LONGSPAN GUARDRAIL DETAIL, SEE SHEET 32
			266.5																							
302+00.5	304+63.0	RT	~~166.5~~		~~100.0~~ 0						2		161		50			50	2	2						SEE STD. S-366 FOR LONGSPAN GUARDRAIL DETAIL, SEE SHEET 32
			441.5																							
302+93.0	305+68.0	LT	~~179.0~~		~~100.0~~ 0						2		437		50			50	2	2						SEE STD. S-366 FOR LONGSPAN GUARDRAIL DETAIL, SEE SHEET 32
315+75	316+50	LT														21.7	48.3									
322+25	323+00	LT														26.3	62.2									
NORTHFIELD																										
0+20	2+25	LT														46.5	94.0									
5+00	5+50	LT														12.8	27.2									
8+66.0	13+66.0	LT	504.0								2				50			50	2							
9+25	13+06	LT														139	332.3									
10+50	11+00	RT														10.7	20.9									
17+25	17+41	RT														8.1	20.6									
								25																		
17+38.7	19+76.2	LT	295.5					~~35.0~~			1		229		25			25	1	1						SEE SHEETS 36 FOR APPROACH RAIL DETAIL
			114.0																							
17+93.0	19+18.0	RT	~~112~~		38.1					~~+~~ 0	1		112		25			25	1	1						CONNECT TO EXIST. RAILROAD BRIDGE ABUTMENT, SEE STANDARD G-16
19+90.0	20+18.0	RT	14.5					32.5			1		38		25			25	1	1						SEE SHEETS 36 FOR APPROACH RAIL DETAIL
20+65.9	22+15.9	LT	127.0					32.5			1		142		25			25	1	1						SEE SHEETS 37 FOR APPROACH RAIL DETAIL
			527.0																							
21+66.5	27+29.0	RT	~~539.5~~					32.5			1		565		25			25	1	1						SEE SHEETS 37 FOR APPROACH RAIL DETAIL
	63.0			462.5																						
28+50.9	33+~~50.9~~	RT	54.0	~~450.0~~							2				50			50	2							
45+00.0	51+50.0			600.0																						
~~37+50.9~~	~~49+50.9~~	RT	54.0	~~1150.0~~							2				50			50	2							
37+63	38+50	RT														19.9	40.4									
39+50	40+03	RT														10.6	20.0									
48+00	48+50	RT														9.2	16.6									
49+94	50+55	RT														10.9	19.2									
														87.12												
51+30	52+20	LT												~~103~~												
56+68	57+50	RT														15.1	27.0									
60+22.0			391.5		25.0																					
~~59+98.0~~	63+54.3	RT	~~266.5~~		~~93.75~~						2		88		50			50	2	2						SEE STD. S-366 FOR LONGSPAN GUARDRAIL DETAIL, SEE SHEET 32
	62+84.0		216.5		0																					
60+78.0	~~63+84.3~~	LT	~~116.5~~		~~93.75~~						2		73		50			50	2	2						SEE STD. S-366 FOR LONGSPAN GUARDRAIL DETAIL, SEE SHEET 32
60+78	62+12	RT														33.4	70.4									
62+00	62+26	LT														6	12.2									
65+75	68+50	RT														92	214.8									
67+00	67+40	LT														10.5	22.4									
68+97	70+62	LT														33.1	62.7									
														87.12												
71+03	72+63	LT												~~103~~		44.5	97.9									
SHEET 24 SUBTOTALS:			~~2674.5~~	~~1725.0~~	~~525.6~~	~~100.0~~ 0	-	~~132.5~~	-	+0	23	-	2170	~~103~~	575	550.3	1209.1	575	23	17						

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

Stantec

PROJECT NAME: ROXBURY-NORTHFIELD
PROJECT NUMBER: ER STP 0187(13)

FILE NAME: z13c184typ.dgn
PROJECT LEADER: M. FOISY
DESIGNED BY: I. MAYNARD
ITEM DETAIL SUMMARY SHEET 3

PLOT DATE: 6/13/2016
DRAWN BY: G. BARRETT
CHECKED BY: G. EDWARDS
SHEET 24 OF 476