ITEM DETAIL SUMMARY SHEET 4

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 NORTHFIELD																												
75+02.0 ~~74+88.9~~	81+13.9	RT	54.0	575.0							2		616		50			50	2	2								
76+21	76+53	LT														11.5	27.3											
77+40	77+90	LT														17.4	41.0											
79+50	80+54	RT														25.2	52.4											
91+77.1	95+27.1	RT	54.0	315.0 ~~300.0~~							2				50			50	2									
95+78.4	102+03.4	RT	54.0	587.5 ~~575.0~~							2				50			50	2									
96+65	97+10	RT														21.8	55.6											
116+44.0	117+19.0	RT	52.0					32.5			1		75		25			25	1	1								SEE SHEET 38 FOR APPROACH RAIL DETAIL
116+81.7	117+31.7	LT	27.0					32.5			1		49		25			25	1	1								SEE SHEET 38 FOR APPROACH RAIL DETAIL
117+56.5	118+56.5	RT	77.0					32.5			1		87		25			25	1	1								SEE SHEET 38 FOR APPROACH RAIL DETAIL
117+69.2	119+19.2	LT	27.0	100.0				32.5			1		76		25			25	1	1								SEE SHEET 38 FOR APPROACH RAIL DETAIL
134+25.0	138+62.5	RT	54.0	400.0 ~~387.5~~							2		441		50			50	2	2								
134+50	135+50	RT														13.9	19.4											
134+80.0	143+80.0	LT	104.0 ~~54.0~~	812.5 ~~850.0~~							2		891		50			50	2	2								
135+75	137+25	RT														43.2	96.4											
138+00	138+25	RT														6.2	13.0											
139+52	139+99	RT														10.5	21.1											
52.0 ~~144+84.3~~	153+52.0	LT	27.0	862.5 ~~837.5~~			25	47.5 ~~41.25~~			~~+~~2		886		25			25	1	1								CONNECT TO BRIDGE RAIL ON STONEY BROOK ROAD SEE SHEET 39 FOR APPROACH RAIL DETAIL
147+75	148+04	LT														5.7	10.8											
148+50	149+90	LT														53.5	129.2											
149+70	150+50	RT												76.44 ~~15~~														
153+68.0	156+28.1	LT	27.0	212.5			25	47.5 ~~41.25~~			~~+~~2		244		25			25	1	1								CONNECT TO BRIDGE RAIL ON STONEY BROOK ROAD SEE SHEET 39 FOR APPROACH RAIL DETAIL
158+55.4	160+67.9	LT	27.0	162.5				32.5			1		208		25			25	1	1								SEE SHEET 40 FOR APPROACH RAIL DETAIL
80.0 ~~159+55.4~~	160+67.9	RT	64.5 ~~89.5~~					32.5			1		24		25			25	1	1								SEE SHEET 40 FOR APPROACH RAIL DETAIL
161+05.4	162+42.9	LT	27.0	87.5				32.5			1		140		25			25	1	1								SEE SHEET 40 FOR APPROACH RAIL DETAIL
161+05.4	161+55.4	RT	27.0					32.5			1		24		25			25	1	1								SEE SHEET 40 FOR APPROACH RAIL DETAIL
~~176+62.0~~	~~179+49.5~~	~~LT~~	~~54.0~~ 0	~~237.5~~ 0	ELIMINATED						~~2~~0				50			50	2									
176+75	178+75	LT														74	177.7											
180+32	180+75	LT														17.1	41.6											
182+00.0	188+50.0	LT	54.0	615.0 ~~600.0~~							2		232		50			50	2	2								
190+99.5	191+87.0	LT	64.5					32.5			1		87		25			25	1	1								SEE SHEET 41 FOR APPROACH RAIL DETAIL
191+68.0	191+94.0	RT	27.0					32.5			1		38		25			25	1	1								SEE SHEET 41 FOR APPROACH RAIL DETAIL
SHEET 25 SUBTOTALS:			~~877.0~~	~~4925.0~~	-	-	-	407.5	-	-	26	-	4118	15 76.44	650	300.0	685.5	650	26	20								

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 4

PLOT DATE: 6/13/2016
DRAWN BY: G. BARRETT
CHECKED BY: G. EDWARDS
SHEET 25 OF 476