

ITEM DETAIL SUMMARY SHEET 1

LOCATION			GUARDRAIL									MISCELLANEOUS						REMARKS		
BEGIN STATION	END STATION	POS.	616.35 TREATED TIMBER CURB	621.20 S.B. GR, GALV.	621.205 S.B. GR GALV. W/ 8' POSTS	621.21 HD S.B. GR, GALV.	621.50 MANUFACT. TERM. SECT., FLARED	621.60 ANCHOR FOR S.B. RAIL	621.53 TERMINAL CONNECTOR FOR S.B. RAIL	621.70 GUARDRAIL APPR. SECT., GALV. TYPE I	621.80 REMOVAL & DISPOSAL OF G.R.	900.640 SPECIAL PROV. (HD S.B. GR, & GALV./NESTED)	EARTH BORROW /DITCH MAT.	204.20 TRENCH EXCAV. OF EARTH	402.J3 AGGREGATE SHOULDERS, RAP	601.0005 12' CSP .064 (2-2/3x1/2)	604.412 REHAB. DI'S, CB'S OR MH'S, CLASS I		653.20 TEMP. EROSION MATTING	676.10 DELINEATOR WITH STEEL POST
NEW HAVEN:			LF	LF	LF	LF	EA	EA	EA	EA	LF	LF	CY	CY	TON	LF	EA	SY	EA	
322+02.72	406+03.20	LT/RT													80.0					BACK UP SHOULDERS TO FULL HEIGHT IN OVERLAY AREAS AS DIRECTED BY THE RESIDENT ENGINEER.
339+14.5	350+27.0	LT		1037.5	937.5+100		2				1005.0		50.0	10.0	10.0	30.0		50.0	2	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 339+14.5 TO STA. 339+52.0 & STA. 349+89.5 TO STA. 350+27.0.
341+00.0	350+00.0	RT		825.0	350+475		2				870.0		50.0		10.0			50.0	2	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 341+00.0 TO STA. 341+37.5 & STA. 349+62.5 TO STA. 350+00.0.
385+45.0		LT																		
400+77.0	405+14.5	RT		362.5			2				318.0		50.0		10.0			50.0	2	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 400+77.0 TO STA. 401+14.5 & STA. 404+77.0 TO STA. 405+14.5.
401+13.0	0+22.3	LT		437.5			2				404.0		50.0		10.0			50.0	2	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 401+13.0 TO STA. 401+50.5 & NEW HAVEN STA. 405+88.0 TO WALTHAM STA. 0+22.3.
WALTHAM:																				
0+00.0	86+22.2	LT/RT													80.0					BACK UP SHOULDERS TO FULL HEIGHT IN OVERLAY AREAS AS DIRECTED BY THE RESIDENT ENGINEER.
1+21.5	4+59.0	LT		262.5			2				341.0		50.0		10.0			50.0	2	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 1+21.5 TO STA. 1+59.0 & STA. 4+21.5 TO STA. 4+59.0.
1+25.0	4+25.0	RT		225.0			2				240.0		50.0		10.0			50.0	2	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 1+25.0 TO STA. 1+62.5 & STA. 3+87.5 TO STA. 4+25.0.
22+35.0	27+60.0	RT		450.0			2				386.0		50.0		10.0			50.0	2	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 22+35.0 TO STA. 22+72.5 & STA. 27+22.5 TO STA. 27+60.0.
23+06.5	26+94.0	LT		312.5			2				427.0		50.0	20.0	10.0	60.0		50.0	2	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 23+06.5 TO STA. 23+44.0 & STA. 26+56.5 TO STA. 26+94.0.
28+93.0	35+80.5	RT		612.5	625		2				623.0		50.0		10.0			50.0	2	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 28+93.0 TO STA. 29+30.5 & STA. 35+43.0 TO STA. 35+80.5.
44+45.0	48+57.5	RT		337.5	312.5		2				303.0		50.0		10.0			50.0	2	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 44+45.0 TO STA. 44+82.5 & STA. 48+20.0 TO STA. 48+57.5.
45+07.5	49+70.0	LT		387.5	350		2				322.0		50.0	20.0	10.0	60.0		50.0	2	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 45+07.5 TO STA. 45+45.0 & STA. 49+32.5 TO STA. 49+70.0.
FERRISBURGH:																				
0+00.0	384+75.4	LT/RT													274.0					BACK UP SHOULDERS TO FULL HEIGHT IN OVERLAY AREAS AS DIRECTED BY THE RESIDENT ENGINEER.
2+32.0		LT																		
8+15.0		LT																		
12+22.0		LT																		
13+15.0	16+90.0	LT		387.5			1	2			414.0		25.0		5.0			25.0	1	CONNECT TO EXISTING STEEL BEAM GUARDRAIL AT STA. 13+15.0. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 16+52.5 - STA. 16+90.0. INSTALL 16' RADIUS PANEL. SEE STANDARD SHEET G-ID. PROVIDE ANCHORS STA. 13+15.0 & STA. 13+31.0.
33+10.5	33+98.0	LT		87.5			1	2			125.5		25.0		5.0			25.0	1	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 33+10.5 - STA. 33+48.0. CONNECT TO EXISTING STEEL BEAM GUARDRAIL AT STA. 33+98.0. INSTALL 16' RADIUS PANEL. SEE VAOT STANDARD SHEET G-ID. PROVIDE ANCHORS AT STA. 33+48.0 & STA. 33+64.0.
33+21.5	34+09.0	RT		87.5			1	2			122.5		25.0		5.0			25.0	1	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 33+21.5 - STA. 33+59.0. CONNECT TO EXISTING STEEL BEAM GUARDRAIL AT STA. 34+09.0. INSTALL 16' RADIUS PANEL. SEE VAOT STANDARD SHEET G-ID. PROVIDE ANCHORS AT STA. 33+59.0 & STA. 33+75.0.
34+50.0	35+50.0	LT		87.5			1	2			119.0		25.0		5.0			25.0	1	CONNECT TO EXISTING STEEL BEAM GUARDRAIL AT STA. 34+50.0. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 35+12.5 - STA. 35+50.0. INSTALL 16' RADIUS PANEL. SEE STANDARD SHEET G-ID. PROVIDE ANCHORS AT STA. 34+50.0 & STA. 34+66.0.
34+61.0	35+61.0	RT		100.0			1	2			126.5		25.0		5.0			25.0	1	CONNECT TO EXISTING STEEL BEAM GUARDRAIL AT STA. 34+61.0. INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 35+23.5 - STA. 35+61.0. INSTALL 16' RADIUS PANEL. SEE STANDARD SHEET G-ID. PROVIDE ANCHORS AT STA. 34+61.0 & STA. 34+77.0.
55+80.0		RT																		
76+52.0		RT																		
76+91.0		RT																		
86+38.5	91+25.0	RT		387.5			2				484.0	25.0	50.0		10.0			50.0	2	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 86+38.5 TO STA. 86+76.0 & STA. 90+87.5 TO STA. 91+25.0. SEE SHEET 86 FOR SMALL CULVERT DETAIL.
87+12.5	92+00.0	LT		387.5			2				477.0	25.0	50.0		10.0			50.0	2	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 87+12.5 TO STA. 87+50.0 & STA. 91+62.5 TO STA. 92+00.0. SEE SHEET 86 FOR SMALL CULVERT DETAIL.
114+87.5	125+87.5	LT		1025.0			2				903.0		50.0		10.0			50.0	2	INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM STA. 114+87.5 TO STA. 115+25.0 & STA. 125+50.0 TO STA. 125+87.5.
120+19.0		RT																		
SHEET SUBTOTAL:			-	7800.0	-	-	33	10	-	1	8010.5	50.0	825.0	50.0	599.0	150.0	8	825.0	33	

**ITEM
DETAIL
SUMMARY
SHEET #1**

PROJECT NAME: NEW_HAVEN_-_FERRISBURGH
PROJECT NUMBER: NH_2503(1)S
FILE NAME: Q5bQ38.dgn PLOT DATE: 31-JUL-2009 15
PROJECT LEADER: D.E.G. DRAWN BY: C.A.K.
DESIGNED BY: M.J.M. CHECKED BY: D.W.E.
IPARM FILE: IPARM FILE: Q5bQ38idl.l SHEET 10 OF 87