

# ITEM DETAIL SUMMARY SHEET

LOCATION			GUARDRAIL (GALVANIZED)							DRAINAGE	REMARKS	
BEGIN STATION	END STATION	POS.	621.20 STEEL BEAM GUARDRAIL (GALVANIZED) LF	621.20 STEEL BEAM GR (GALV.) (MOD. - 8' POSTS) LF	621.505 MANUFACTURED TERMINAL SECTION (TANGENT) EA	621.505 MANUFACTURED TERMINAL SECT (FLARED) EA	621.60 ANCHOR FOR S.B. RAIL EA	621.70 GUARDRAIL APPR. SECT., TYPE I (GALV.) EA	621.71 GUARDRAIL APPR. SECT., TYPE II (GALV.) EA	621.80 REMOVAL & DISPOSAL GUARDRAIL LF		604.412 REHABING DI'S, CB'S OR MH'S, CLASS I EA
MIDDLEBURY:												
300+15.0		RT									I	INSTALL NEW TYPE D FRAME & GRATE.
304+13.5	312+76.0	LT	787.5			2				800.0		INSTALL NEW MANUFACTURED TERMINAL SECTIONS (FLARED) FROM STA. 304+13.5 TO STA. 304+51.0 & STA. 312+38.5 TO STA. 312+76.0.
320+37.5	325+75.0	LT	502.5			2				476.0		INSTALL NEW MANUFACTURED TERMINAL SECTIONS (FLARED) FROM STA. 320+37.5 TO STA. 320+75.0 & STA. 325+37.5 TO STA. 325+75.0. SEE SHEET 62 FOR REDUCED STEEL BEAM GUARDRAIL POST SPACING AT UTILITY POLE DETAIL.
NEW HAVEN:												
54+70.5	56+45.5	RT	87.5			I		I		126.5		INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) FROM STA. 54+70.5 TO STA. 55+08.0. BEGIN APPROACH SECTION, TYPE I AT STA. 55+95.5 AND CONNECT TO EXISTING BRIDGE RAIL AT STA. 56+45.5. SEE SHEETS 59 & 60 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 6I FOR BRIDGE DETAILS.
55+26.0	56+63.5	LT	87.5			I			I	95.5		INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) FROM STA. 55+26.0 TO STA. 55+63.5. BEGIN APPROACH SECTION, TYPE II AT STA. 56+51.0 AND CONNECT TO EXISTING BRIDGE RAIL AT STA. 56+63.5. SEE SHEETS 59 & 60 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 6I FOR BRIDGE DETAILS.
59+13.5	65+88.5	RT	625.0			I			I	671.5		CONNECT APPROACH SECTION, TYPE II TO EXISTING BRIDGE RAIL AT STA. 59+13.5 AND END AT STA. 59+26.0. SEE SHEETS 59 & 60 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 6I FOR BRIDGE DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) BETWEEN STA. 65+51.0 TO STA. 65+88.5.
59+34.5	64+59.5	LT	437.5			I		I		518.5		CONNECT APPROACH SECTION, TYPE I TO EXISTING BRIDGE RAIL AT STA. 59+34.5 AND END AT STA. 59+84.5. SEE SHEETS 59 & 60 FOR GUARDRAIL APPROACH SECTION DETAILS. SEE SHEET 6I FOR BRIDGE DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) BETWEEN STA. 64+22.0 TO STA. 64+59.5.
66+69.0	69+69.0	LT	225.0			2				277.0		INSTALL NEW MANUFACTURED TERMINAL SECTIONS (FLARED) FROM STA. 66+69.0 TO STA. 67+06.5 & STA. 69+31.5 TO STA. 69+69.0. SEE SHEET 62 FOR STEEL BEAM GUARDRAIL AT SMALL CULVERTS DETAIL.
66+94.0	69+56.5	RT	187.5			2				221.0		INSTALL NEW MANUFACTURED TERMINAL SECTIONS (FLARED) FROM STA. 66+94.0 TO STA. 67+31.5 & STA. 69+19.0 TO STA. 69+56.5. SEE SHEET 62 FOR STEEL BEAM GUARDRAIL AT SMALL CULVERTS DETAIL.
75+87.5	83+75.0	LT	700.0		I	I				769.0		INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) FROM STA. 75+87.5 TO STA. 76+25.0. INSTALL NEW MANUFACTURED TERMINAL SECTION (TANGENT) BETWEEN STA. 83+25.0 & STA. 83+75.0.
81+30.0	86+67.5	RT	462.5			2				478.0		INSTALL NEW MANUFACTURED TERMINAL SECTIONS (FLARED) FROM STA. 81+30.0 TO STA. 81+67.5 & STA. 86+30.0 TO STA. 86+67.5.
124+12.5	125+87.5	RT		100.0		2				154.0		INSTALL NEW MANUFACTURED TERMINAL SECTIONS (FLARED) FROM STA. 124+12.5 TO STA. 124+50.0 & STA. 125+50.0 TO STA. 125+87.5.
124+17.5	125+92.5	LT	100.0			2				130.0		INSTALL NEW MANUFACTURED TERMINAL SECTIONS (FLARED) FROM STA. 124+17.5 TO STA. 124+55.0 & STA. 125+55.0 TO STA. 125+92.5.
199+82.5	202+57.5	RT	200.0			2				205.0		INSTALL NEW MANUFACTURED TERMINAL SECTIONS (FLARED) FROM STA. 199+82.5 TO STA. 200+20.0 & STA. 202+20.0 TO STA. 202+57.5.
218+35.0	220+72.5	RT	162.5			2				200.0		INSTALL NEW MANUFACTURED TERMINAL SECTIONS (FLARED) FROM STA. 218+35.0 TO STA. 218+72.5 & STA. 220+35.0 TO STA. 220+72.5.
227+85.0	230+97.5	RT	237.5			2				240.0		INSTALL NEW MANUFACTURED TERMINAL SECTIONS (FLARED) FROM STA. 227+85.0 TO STA. 228+22.5 & STA. 230+60.0 TO STA. 230+97.5.
285+20.0	287+70.0	LT	175.0			2				252.0		INSTALL NEW MANUFACTURED TERMINAL SECTIONS (FLARED) FROM STA. 285+20.0 TO STA. 285+57.5 & STA. 287+32.5 TO STA. 287+70.0.
285+55.0	288+05.0	RT	239.5			I	2			276.0		INSTALL NEW MANUFACTURED TERMINAL SECTIONS (FLARED) FROM STA. 285+55.0 TO STA. 285+92.5. SEE VAOT STANDARD SHEET G-ID. PROVIDE 2 ANCHORS AT STA. 288+04.0.
SHEET SUBTOTAL			5217	100	I	28	2	2	2	5890	I	
ROUNDING			183	-	-	-	-	-	-	210	-	
TOTAL			5400	100	I	28	2	2	2	6100	I	

**ITEM  
DETAIL  
SUMMARY  
SHEET**

PROJECT NAME: MIDDLEBURY - NEW HAVEN	
PROJECT NUMBER: NH 9813(1)S	
FILE NAME: p97bl66.dgn	PLOT DATE: \$DATE\$
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: J.S.P.	CHECKED BY: D.W.E.
IPARM FILE: pbl66ids.i	SHEET 8 OF 63