

STATE OF VERMONT  
AGENCY OF TRANSPORTATION

GUARDRAIL DETAIL SUMMARY SHEET 1

BEGIN STATION	END STATION	POS.	203.30 EARTH BORROW	621.205 STEEL BEAM G. R. GALV W/8FT POSTS	621.207 STEEL BEAM G. R. GALV/NEST W/8 FT POSTS	621.215 HD STEEL BEAM G. R. GALV W/8 FT POSTS	621.60 ANCHOR FOR S.B. GUARDRAIL	621.75 REMOVE AND RESET G. R.	621.75 REMOVE AND RESET G. R. (DOUBLE-SIDED)	621.76 REPLACE G. R. POST ASSEMBLY	621.77 REPLACE G. R. BEAM UNIT	621.80 REMOVE & DISP. OF G. R.	651.35 TOPSOIL	653.20 TEMP. EROSION MATTING	676.10 DEL. LINE. WITH STEEL POSTS	676.12 REMOVAL OF EXIST. DEL. LINE.	676.15 REMOVE & REPLACE REFLECTOR UNIT	REMARKS
			CY	LF	LF	LF	EACH	LF	LF	EACH	EACH	LF	CY	SY	EACH	EACH	EACH	
BOLTON																		
147+90	150+27.5	LT	25	12.5			1	225		10	5	13	5	25	1	1	8	INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. 147+90. CONNECT TO EXISTING GUARDRAIL.
148+56	151+68.5	RT	25	12.5		31.25	1	275		12	6	38	5	25	1	1	9	INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. 148+56. CONNECT TO EXISTING BRIDGE RAIL.
151+17.5	151+63.25	LT				31.25		25				25					1	CONNECT TO EXISTING GUARDRAIL AND EXISTING BRIDGE RAIL.
152+74	154+36.5	LT	25	12.5		31.25	1	125		6	3	38	5	25	1	1	4	CONNECT TO EXISTING BRIDGE RAIL. INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. 154+36.5.
152+76.25	169+57.5	RT	25	12.5		31.25	1	1643.75		66	33	38	5	25	1	1	53	CONNECT TO EXISTING BRIDGE RAIL. INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. 169+57.5.
210+20	217+51.25	LT	50	43.75	25		2	681.25		28	14	38	10	50	2	2	23	INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. 210+20 AND STA. 217+51.25.
247+87.5	250+12.5	LT	50	75			2	206.25		8	4	47	10	50	2	2	8	INSTALL 50'-0" LONG, 25' RADIUS, AND 12'-6" TANGENT WITH ANCHOR AT STA. 247+87.5. INSTALL 12'-6", 16' RADIUS WITH ANCHOR AT STA. 250+12.5
249+75	299+71	RT	25	12.5			1	37.5	4946	199	199	13	5	25	1	1		INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. 249+75.
WATERBURY																		
A 0+00	A 44+04	RT	25	12.5			1	37.5	4354	176	176	13	5	25	1	1		INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. A 44+04.
A 8+12.5	A 16+50	LT	50	25			2	812.5		32	16	25	10	50	2	2	27	INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. A 8+12.5 AND STA. A 16+50.
A 44+20.75	A 46+60	LT	50	143.75			2	137.5		6	3	31	10	50	2	2	8	INSTALL 12'-6" LONG, 16' RADIUS, 6'-3" TANGENT, 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. A 44+20.75 AND 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. A 46+60.
A 57+87.5	A 60+78.5	RT	50	37.5			2	287.5		12	6	38	10	50	2	2	10	INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. A 57+87.5 AND 25'-0" LONG, 16' RADIUS WITH ANCHOR AT STA. A 60+78.5.
A 59+25	A 63+75	LT	50	25			2	456.25		18	9	25	10	50	2	2	15	INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. A 59+20.75 AND STA. A 63+75.
A 61+20.25	A 68+12.5	RT	50	37.5			2	662.5		26	13	27	10	50	2	2	22	INSTALL 25'-0" LONG, 16' RADIUS WITH ANCHOR AT STA. A 61+20.25 AND 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. A 68+12.5.
A 70+30	A 74+36.25	RT	50	406.25			2					401	10	50	2	2		INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. A 70+30 AND STA. A 74+36.25.
A 77+82.5	A 84+38.75	RT	50	631.25	25		2						10	50	2			INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. A 77+82.5 AND STA. A 84+38.75.
A 79+10	A 83+35	LT	50	400	25		2						10	50	2			INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. A 79+10 AND STA. A 83+35.
A 124+49	A 132+42.75	RT	25	12.5		31.25	1	756.25		119	15	38	5	25	1	1	25	INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. A 124+49. CONNECT TO EXISTING BRIDGE RAIL.
A 131+04.75	A 132+61	LT	25	12.5		31.25	1	118.75		14	2	38	5	25	1	1	4	REPLACE ALL WOODEN POSTS. INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. A 131+04.75. CONNECT TO EXISTING BRIDGE RAIL.
A 135+08.75	A 145+65	RT	25	12.5		31.25	1	1018.75		119	20	38	5	25	1	1	33	CONNECT TO EXISTING BRIDGE RAIL. INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. A 145+65. REPLACE ALL WOODEN POSTS.
A 135+21.5	A 136+96.5	LT	25	12.5		31.25	1	137.5		18	3	38	5	25	1	1	5	CONNECT TO EXISTING BRIDGE RAIL. INSTALL 12'-6" LONG, 16' RADIUS WITH ANCHOR AT STA. A 136+96.5. REPLACE ALL WOODEN POSTS.
SUBTOTAL			750	1950	75	250	30	7643.75	9300	869	527	962	150	750	30	26	255	

**GUARDRAIL  
DETAIL  
SUMMARY  
SHEET 1**

PROJECT NAME: BOLTON-WATERBURY  
PROJECT NUMBER: STP 2709(1)

FILE NAME: p07C172.dgn  
PROJECT LEADER: CDL  
DESIGNED BY: BMB  
PLOT FILE: p07C172.17.1

PLOT DATE: 4/16/2013  
DRAWN BY: JBG/BMB  
CHECKED BY: CDL  
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