

# ITEM DETAIL SUMMARY SHEET

LOCATION			GUARDRAIL					MISCELLANEOUS														REMARKS						
BEGIN MILE STA.	END MILE STA.	POS.	621.20	621.205	621.215	621.216	621.60	621.80	203.15	203.16	203.30	301.28	402.13	604.412	613.10	617.10	617.12	618.10	618.30	619.17	649.31		653.20	676.10	676.12			
			S.B. G.R. GALV. LF	S.B.G.R. GALV. W/8' POSTS LF	HD S.B.G.R. GALV. W/8' POSTS LF	HD S.B.G.R. GALV./ NESTED LF	ANCHOR FOR S.B. RAIL EA	REMOVAL & DISPOSAL OF GUARDRAIL LF	COMMON EXCAVATION CY	SOLID ROCK EXCAVATION CY	EARTH BORROW CY	SUBBASE OF CRUSH. GRAV. FINE GRADED TON	AGGREGATE SHOULDERS, RAP TON	REHAB DI. CB, OR MH, CLASS I EA	STONE FILL, TYPE I CY	RELOC. MAILBOX, SINGLE SUPP. EACH	RELOC. MAILBOX, MULTI. SUPP. EACH	PORT. CEM. CONC. SIDEWALK, 5 INCH SY	DET. WARNING SURFACE SF	YIELDING MARKER POSTS EACH	GEOTEXTILE UNDER STONE FILL SY		TEMPORARY EROSION MATTING SY	DELINEATOR WITH STEEL POST EACH	REMOVAL OF EXIST. DELINEATOR EACH			
VT ROUTE 128																												
ESSEX-WESTFORD																												
0+58.08	68+85.12	LT&RT										20347	598	3	2427	66	9			80	7290							QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER. FOR YIELDING MARKER POSTS AT UNDERDRAIN SEE SHEET 12, FOR STRUCTURE LOCATIONS SEE SHEET 17.
0+58.08	68+85.12	LT&RT													153						688	5333					QUANTITIES CARRIED FORWARD FROM DITCH CLEANING DETAIL SHEET. SEE SHEET 19.	
ESSEX																												
2+67.5	4+67.5	RT	144 219				2	125.5			50											50	2	2		INSTALL ANCHOR @ STA. 2+67.5 & 4+67.5. SEE REDUCED GUARDRAIL POST SPACING DETAIL ON SHEET 14.		
3+41.5	5+41.5	LT	191.5 204				2	181			50											50	2	1		INSTALL ANCHOR @ STA. 3+41.5 & 5+41.5		
5+99		LT							1.4			1.5					5	8								CONSTRUCT SIDEWALK RAMP, TYPE I		
37+36		RT							0.5			0.5					2	8								CONSTRUCT SIDEWALK RAMP, TYPE I		
37+44		LT							0.5			0.5					2	8								CONSTRUCT SIDEWALK RAMP, TYPE I		
40+42.5	43+67.5	RT	304			25	2	126.5			50											50	2	2		INSTALL ANCHOR @ STA. 40+42.5 & 43+67.5, SEE DETAIL OF SBGR AT SMALL CULVERTS ON SHEET 14 AND SHEET 15 FOR PROPOSED BRIDGE RAIL WORK.		
41+42.5	44+67.5	LT	304			25	2	187.5 175.5			50											50	2	2		INSTALL ANCHOR @ STA. 41+42.5 & 44+67.5, SEE DETAIL OF SBGR AT SMALL CULVERTS ON SHEET 14 AND SHEET 15 FOR PROPOSED BRIDGE RAIL WORK.		
53+43.5	54+43.5	RT	77		32.5		1	64.5			25											25	1	1		INSTALL ANCHOR @ STA. 53+43.5		
53+43.5	54+43.5	LT	77		32.5		1	61.5			25											25	1	1		INSTALL ANCHOR @ STA. 53+43.5		
55+31.0	56+31.0	RT	77		32.5		1	63			25											25	1	1		INSTALL ANCHOR @ STA. 56+31.0		
55+31.0	57+31.0	LT	54 177	100	32.5		1	62			25											25	1	1		INSTALL ANCHOR @ STA. 57+31.0		
107+21.5	111+59.0	LT		441.5			2	255			50											50	2	2		INSTALL ANCHOR @ STA. 107+21.5 & 111+59.0		
107+36.0	110+90.5	RT		391.5			2	290			50											50	2	2		INSTALL ANCHOR @ STA. 107+36.0 & 110+90.5		
163+00	166+00	RT								117																LEDGE REMOVAL-SEE CROSS SECTIONS		
173+70	178+80	RT																						7		INSTALL 14 WHITE DELINEATORS BACK TO BACK ON 7 POSTS SPACED 85 FEET APART		
202+00	205+00	LT								114																LEDGE REMOVAL-SEE CROSS SECTIONS		
WESTFORD																												
17+50	20+00	LT									119															LEDGE REMOVAL-SEE CROSS SECTIONS		
55+38	56+63	LT						125																		EXISTING GUARDRAIL TO BE REMOVED		
SHEET SUBTOTALS:			1439	833	130	50	16	1529.5	2.4	350	400	20349.5	598	3	2580	66	9	9	24	80	7978	5733	23	15				
ROUNDING:			11	17	20	-	-	20.5	0.6	10	-	200.5	2	-	30	-	-	1	-	-	122	67	-	-				
TOTALS:			1450	850	150	50	16	1550	3	360	400	20550	600	3	2610	66	9	10	24	80	8100	5800	23	15				

**ITEM  
DETAIL  
SUMMARY  
SHEET**

PROJECT NAME: ESSEX-WESTFORD  
 PROJECT NUMBER: STP 2912(1)  
 FILE NAME: p10c226.dgn  
 PROJECT LEADER: JLL  
 DESIGNED BY: STANTEC  
 IPARM FILE: p10c226idss.i  
 PLOT DATE: 2/20/2013  
 DRAWN BY: STANTEC  
 CHECKED BY: STANTEC  
 SHEET 11 OF 239