ITEM DETAIL SUMMARY SHEET

VAOT Metric

LOCATION			GUARDRAIL														REMARKS
STATION	STATION	POS.	616.35 TREATED TIMBER CURB m	621.20 STEEL BEAM G.R. m	621.20 S.B.G.R. W/2.4 m POSTS (MOD) m	621.21 HEAVY DUTY STEEL BEAM G.R. m	621.21 H.D.S.B.G.R. W/2.4 m POSTS (MOD) m	621.30 BOX BEAM GUARD RAIL m	621.30 BOX BEAM G.R.W/2.1m POSTS (MOD) m	621.505 MANUF. TERM. SECTION (TANGENT) EA	621.505 MANUF. TERM. SECTION (FLARED) EA	621.60 ANCHOR FOR G.R. EA	621.70 G.R. APPR. SECTION TYPE I EA	621.71 G.R. APPR. SECTION TYPE II EA	621.80 REMOVE & DISP. G.R. m	621.81 REMOVE & DISP. G.P. EA	
GRANVILLE:																	
0+697.2	0+742.8	LT	5	30.4							1		1		43.8		INSTALL TREATED TIMBER CURB FROM STA. 0+697.0 TO STA. 0+702.0. CONNECT APPROACH SECTION, TYPE I TO EXISTING BRIDGE RAIL AT STA. 0+697.2 AND END AT STA. 0+712.4. SEE SHEETS 45 OF 49 & 46 OF 49 FOR BRIDGE APPROACH SECTION DETAILS. INSTALL GUARDRAIL USING 15:1 FLARE RATE FROM STA. 0+697.2 TO STA. 0+742.8.SEE SHEET 39 OF 49 FOR BRIDGE DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) AT STA. 0+742.8.
1+480.0		LT														1	
1+490.6	1+529.0	LT							38.4						54.7		INSTALL NEW BOX BEAM GUARD RAIL W/ TYPE II END ASSEMBLY; ATTACH TO BOX BEAM GUARD RAIL (MOD. 2) AT 1+529.0 LT. SEE SHEET 40 OF 49 FOR DETAILS.
1+498.1	1+531.0	RT							32.9						56.7		INSTALL NEW BOX BEAM GUARD RAIL W/ TYPE II END ASSEMBLY; ATTACH TO BOX BEAM GUARD RAIL (MOD. 2) AT 1+531.0 RT. SEE SHEET 40 OF 49 FOR DETAILS.
1+563.4	1+610.9	LT							47.5						39.3	1	INSTALL NEW BOX BEAM GUARD RAIL W/ TYPE II END ASSEMBLY; ATTACH TO BOX BEAM GUARD RAIL (MOD. 2) AT 1+563.4 LT. SEE SHEET 40 OF 49 FOR DETAILS.
1+565.4	1+609.3	RT							43.9						52.3	1	INSTALL NEW BOX BEAM GUARD RAIL W/ TYPE II END ASSEMBLY; ATTACH TO BOX BEAM GUARD RAIL (MOD. 2) AT 1+565.4 RT. SEE SHEET 40 OF 49 FOR DETAILS.
2+814.7	2+819.1	LT				4.4						1			4.4		SEE VAOT STANDARD SHEET G-1DM, PROVIDE ANCHOR AT STA. 2+817.2. CONNECT NEW HEAVY DUTY STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 2+819.1. SEE SHEET 41 OF 49 FOR BRIDGE DETAILS.
2+819.1		RT									1				9.1		CONNECT NEW MANUFACTURED TERMINAL SECTION (FLARED) TO NEW BRIDGE RAIL AT STA. 2+819.1. SEE SHEET 41 OF 49 FOR BRIDGE DETAILS.
2+822.9	2+827.3	LT				4.4						1			4.4		CONNECT NEW HEAVY DUTY STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 2+822.9. SEE SHEET 41 OF 49 FOR BRIDGE DETAILS. SEE VAOT STANDARD SHEET G-1DM, PROVIDE ANCHOR AT STA. 2+824.8.
2+822.9	2+831.1	RT				8.2						1			9.1		CONNECT NEW HEAVY DUTY STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 2+822.9. SEE SHEET 41 OF 49 FOR BRIDGE DETAILS. SEE VAOT STANDARD SHEET G-1DM, PROVIDE ANCHOR AT STA. 2+828.6.
3+143.0	3+147.4	RT				4.4						1			4.4		SEE VAOT STANDARD SHEET G-1DM, PROVIDE ANCHOR AT STA. 3+145.5. CONNECT NEW HEAVY DUTY STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 3+147.4. SEE SHEET 42 OF 49 FOR BRIDGE DETAILS.
3+146.4		LT									1				5.4		CONNECT NEW MANUFACTURED TERMINAL SECTION (FLARED) TO NEW BRIDGE RAIL AT STA. 3+146.4. SEE SHEET 42 OF 49 FOR BRIDGE DETAILS.
3+154.0	3+166.0	LT		4.4		7.6						1			8.0		CONNECT NEW HEAVY DUTY STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 3+154.0. SEE SHEET 42 OF 49 FOR BRIDGE DETAILS. SEE VAOT STANDARD SHEET G-1DM, PROVIDE ANCHOR AT STA. 3+163.5.
3+155.0	3+159.4	RT				4.4						1			5.0		CONNECT NEW HEAVY DUTY STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 3+155.0. SEE SHEET 42 OF 49 FOR BRIDGE DETAILS. SEE VAOT STANDARD SHEET G-1DM, PROVIDE ANCHOR AT STA. 3+156.9.
3+225.4	3+329.9	LT		95		9.5					1				117.9		INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) AT STA. 3+225.4. CONNECT NEW HEAVY DUTY STEEL BEAM GUARDRAIL TO NEW BRIDGE RAIL AT STA. 3+329.9. SEE SHEET 43 OF 49 FOR BRIDGE DETAILS.
3+244.3	3+322.2	RT			68.4		9.5				1				85.3		INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) AT STA. 3+244.3. CONNECT NEW HEAVY DUTY STEEL BEAM GUARDRAIL W/2.4 m POSTS TO NEW BRIDGE RAIL AT STA. 3+322.2. SEE SHEET 43 OF 49 FOR BRIDGE DETAILS.
3+343.1	3+400.1	RT			49.4		7.6				1				63.9		CONNECT NEW HEAVY DUTY STEEL BEAM GUARDRAIL W/2.4 m POSTS TO NEW BRIDGE RAIL AT STA. 3+343.1. SEE SHEET 43 OF 49 FOR BRIDGE DETAILS. INSTALL NEW MANUFACTURED TERMINAL SECTION (FLARED) AT STA. 3+400.1.
3+350.8		LT								1					6.2		CONNECT NEW MANUFACTURED TERMINAL SECTION TO NEW BRIDGE RAIL AT STA. 3+350.8. SEE SHEET 43 OF 49 FOR BRIDGE DETAILS.
4+373.5	4+386.6	LT						13.1							13.5		INSTALL NEW BOX BEAM GUARD RAIL W/ TYPE II END ASSEMBLY; ATTACH TO BOX BEAM GUARD RAIL (MOD. 3) AT 4+386.6 LT. SEE SHEET 44 OF 49 FOR DETAILS.
4+394.0	4+399.6	RT													7.6		BOX BEAM GUARD RAIL (MOD. 3) BEGINS AT 4+391.7 RT. SEE SHEET 44 OF 49 FOR DETAILS.
4+415.4	4+423.0	LT													7.6		BOX BEAM GUARD RAIL (MOD. 3) ENDS AT 4+423.3 LT. SEE SHEET 44 OF 49 FOR DETAILS.
4+428.4	4+433.9	RT						5.5							5.5		INSTALL NEW BOX BEAM GUARD RAIL W/ TYPE II END ASSEMBLY; ATTACH TO BOX BEAM GUARD RAIL (MOD. 3) AT 4+428.4 RT. SEE SHEET 44 OF 49 FOR DETAILS.
SHEET SUBTOTAL			5	129.8	117.8	42.9	17.1	18.6	162.7	1	6	6	1	-	604.1	3	
SHEET 6 SUBTOTAL			15	217.2	1121.0	-	-	597.5	-	-	19	4	3	4	2091.7	-	
ROUNDING			5	53.0	11.2	7.1	2.9	8.9	12.3	-	-	-	-	-	104.2	-	
TOTAL			25	400	1250	50	20	625	175	1	25	10	4	4	2800	3	

DATUM
VERTICAL N/A
HORIZONTAL N/A

ITEM DETAIL SUMMARY SHEET 2

SURVEYED BY N/A DATE N/A
DRAWN BY C.A.K. DATE 11/00
SQUAD LEADER T.P.K.
DESIGN FILE NO. /pave/98b180/pb180.dgn
IPARM FILE pb180id2.i DATE PLOTTED 21-DEC-2006
PROJ. NAME ROCHESTER-GRANVILLE
PROJ. NO. AC_STP_2124(1)S
SHEET 7 OF 49 SHEETS