ITEM DETAIL SUMMARY SHEET #1

LOCATION			GUARDRAIL (GALVANIZED)																DRAINAGE					MISCELLANEOUS				REMARKS
			203.30	203.40	402.12	402.13	620.75	621.20	621.205	621.50	621.60	621.70	621.71	621.74	621.76	621.77	621.79	621.80	653.20	604.412	604.415	604.418	616.305	616.47	676.10			676.12	
BEGIN STATION	END STATION	POS.	EARTH BORROW	SHLDR. BERM REMOV.	AGG. SHLDRS.	AGG. SHLDRS., RAP	SNOW BARRIER GALV.	S.B G.R., GALV.	S.B.G.R. GAL. W/ 8 FT POSTS	MTS, FLARED	ANCHOR FOR S.B. G.R.	G.R. APPR. SECT. TYPE I	G.R. APPR. SECT. TYPE II	ALUM. APPR. RAILING	REPLACE G.R. POST	REPLACE G.R. BEAM	ADJ. HEIGHT OF G.R.	REMOV. & DISP. G.R.	TEMP. EROS. MAT.	REHAB. DI'S CB'S OR MH'S CLASS I	REHAB. DI'S CB'S OR MH'S CLASS II	REHAB. DI'S CB'S OR MH'S CLASS III	BIT. CONC. CURB, TYPE A	BIT. CONC. GUT. & TRAF. ISL.	DELINEATOR WITH STEEL POST TYPE I	DELINEATOR WITH STEEL POST TYPE II	DELINEATOR WITH STEEL POST TYPE III	REMOV. OF EXIST. DELIN.	
			CY	LF	TON	TON	LF	LF	LF	EA	EA	EA	EA	LF	EA	EA	LF	LF	SY	EA	EA	EA	LF	TON	EA	EA	EA	EA	
NORTHBOUND:																													
				27.155		2,792.62														16	1								
57.438	66.155	LT/RT		~~21.247~~		~~700~~									~~80~~	~~625~~	~~1000~~			~~22~~	~~22~~	~~22~~	~~100.0~~		~~525~~			500	SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER.
								25.0										62.5	77.3										
57.814	57.823	RT	~~25~~		~~5~~			~~12.5~~		1					2	34		~~50.0~~	~~25~~						1				INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM MM 57.814 TO MM 57.821.
58.131	58.138	RT						39.5			1							37.5											INSTALL ANCHOR AT MM 58.137. SEE STANDARD SHEET G-ID.
																		225.0	73.8										
58.237	58.325	LT	~~25~~		~~5~~			~~375.0~~		1		1			3			~~175.0~~	~~25~~				147		1				INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM MM 58.237 TO MM 58.245. BEGIN
																													APPROACH SECTION TYPE I AT MM 58.316 AND CONNECT TO EXISTING BRIDGE RAIL AT MM 58.325.
																													SEE SHEET 46 FOR BR 35N DETAILS.
								700.0										138.5	87.1										
58.244	58.322	RT	~~25~~		~~5~~			~~325.0~~		1		1			3	5	200	~~190.0~~	~~25~~				~~400.0~~		1				INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM MM 58.244 TO MM 58.251. BEGIN
																													APPROACH SECTION TYPE I AT MM 58.313 AND CONNECT TO EXISTING BRIDGE RAIL AT MM 58.322.
																													BEGIN NEW BITUMINOUS CONCRETE CURB, TYPE A AT MM 58.351 AND END AT MM 58.427.
																													SEE SHEET 46 FOR BR 35N DETAILS.
								41.5																					
58.356	58.366	LT						~~39.5~~			1		1					49.0					221							CONNECT APPROACH SECTION TYPE II TO EXISTING BRIDGE RAIL AT MM 58.356 AND END AT
																													MM 58.358. INSTALL ANCHOR AT MM 58.364. SEE STANDARD SHEET G-ID. SEE SHEET 46 FOR
																													BR 35N DETAILS.
58.431	58.439	RT						39.5			1							37.5					65						INSTALL ANCHOR AT MM 58.438. SEE STANDARD SHEET G-ID. SEE SHEET 46 FOR BR 35N DETAILS.
58.89																													
~~59.212~~	59.217	RT	BURIED	END				39.5			+2				3	68		37.5	14.2										INSTALL ANCHOR AT MM 59.216. SEE STANDARD SHEET G-ID.
59.27																													
~~59.932~~	59.937	RT	BURIED	END				39.5			+2				6	86	125	37.5	9.8				639						INSTALL ANCHOR AT MM 59.936. SEE STANDARD SHEET G-ID.
								300											85.3										
60.070	60.079	RT	~~25~~		~~5~~			~~12.5~~		1								50.0	~~25~~				152		1				INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM MM 60.070 TO MM 60.077.
60.101	60.106	RT						39.5			+							37.5											INSTALL ANCHOR AT MM 60.105. SEE STANDARD SHEET G-ID.
			THESE (2) GUARDRAIL RUNS WERE CONNECTED - ELIMINATING GID TERMINATION AT MM 60.106 RT															312.5											
60.142	60.233	RT	~~25~~		~~5~~				~~450.0~~ 487.5	~~+~~	1							~~312.0~~	~~25~~						1				INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM MM 60.142 TO MM 60.149.
																													INSTALL ANCHOR AT MM 60.232.
60.346	60.449	LT	~~25~~		~~5~~			502.0		1	1							200	74.7						1				INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM MM 60.346 TO MM 60.354.
																		~~120.0~~	~~25~~										INSTALL ANCHOR AT MM 60.448. SEE STANDARD SHEET G-ID. SEE SHEET 47 FOR BR 36N DETAILS.
																		100	71.1										
60.355	60.449	RT	~~25~~		~~5~~			452.0		1	1							~~148.0~~	~~25~~						1				INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM MM 60.355 TO MM 60.363.
																													INSTALL ANCHOR AT MM 60.448. SEE STANDARD SHEET G-ID. SEE SHEET 47 FOR BR 36N DETAILS.
60.740								164.5										162.5											
~~60.973~~	60.978	RT	BURIED	END				~~39.5~~			+2				1	14	75	~~37.5~~	65.3										INSTALL ANCHOR AT MM 60.977. SEE STANDARD SHEET G-ID.
								377										75	75.6										
61.475	61.563	LT	~~25~~		~~5~~			~~425.0~~		1	1				2	13	162.5	~~130.0~~	~~25~~						1				INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM MM 61.475 TO MM 61.483.
																													SEE SHEET 48 FOR BR 37N DETAILS.
								414.5										100	119.5										
61.479	61.562	RT	~~25~~		~~5~~			~~400.0~~		1	1							~~105.0~~	~~25~~						1				INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM MM 61.479 TO MM 61.486.
																													INSTALL ANCHOR AT MM 61.561. SEE STANDARD SHEET G-ID. SEE SHEET 48 FOR BR 37N DETAILS.
							137.5																						
61.562		LT/RT					~~160~~																						INSTALL NEW SNOW FENCE ON OVERHEAD BR 37. SEE SHEET 51 FOR SNOW FENCE DETAILS.
																			80.4										
61.629	61.638	RT	~~25~~		~~5~~			12.5		1					1	8		50.0	~~25~~						1				INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM MM 61.629 TO MM 61.636.
																													SEE SHEET 48 FOR BR 37N DETAILS.
61.676	61.683	~~LT~~RT						39.5			1					11		37.5					418						INSTALL ANCHOR AT MM 61.682. SEE STANDARD SHEET G-ID. SEE SHEET 48 FOR BR 37N DETAILS.
								312.5											74.7										
61.838	61.847	LT	~~25~~		~~5~~			~~12.5~~		1								50.0	~~25~~				182		1				INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM MM 61.838 TO MM 61.845.
																		337.5											
61.907	61.912	LT						39.5			1							~~37.5~~											INSTALL ANCHOR AT MM 61.911. SEE STANDARD SHEET G-ID.
								23.0										12.5											
61.926	61.931	RT						~~39.5~~			1					34	125	~~37.5~~											INSTALL ANCHOR AT MM 61.930. SEE STANDARD SHEET G-ID.
								3.0										37.5	106.7										
62.124	62.133	RT	~~25~~		~~5~~			~~12.5~~		1						6	25	~~50.0~~	~~25~~						1				INSTALL NEW MANUFACTURED TERMINAL SECTION, FLARED FROM MM 62.124 TO MM 62.131.
			0	27.155	210.26	2,792.62	137.5	3,604	487.5	11	16				21	279	712.5	2,187.5	1,028	16	1	0	1,224		453				
SHEET SUBTOTAL:			~~300~~	~~21.247~~	~~60~~	~~700~~	~~160~~	2936.5	~~450~~	~~12~~	~~13~~	2	1	-	~~80~~	~~625~~	~~1000~~	~~1816.5~~	~~300~~	~~22~~	~~22~~	~~22~~	~~500~~	-	~~537~~	-	-	500	

ITEM DETAIL SUMMARY SHEET #1

PROJECT NAME: WINDSOR - HARTLAND

PROJECT NUMBER: IM 091-1(61)

FILE NAME: p07a142.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p07a142idsl.i

PLOT DATE: 16-AUG-2011 13:41
DRAWN BY: C.A.K.
CHECKED BY: R.A.B.