

ITEM DETAIL SUMMARY SHEET 1

LOCATION			GUARDRAIL										MISCELLANEOUS								REMARKS			
BEGIN MILE MARKER	END MILE MARKER	POS.	621.20	621.50	621.60	621.65	621.76	621.77	621.79	621.80	900.620	900.620	900.640	203.30	203.40	402.13	604.40	604.412	613.10	616.305		616.35	616.41	
			S.B. G.R. GALV.	MTS. FLARED	ANCHOR FOR S.B. G.R.	ANCHOR FOR CABLE RAIL	REPLACE G.R. POST ASS.	REPLACE G.R. BEAM UNIT	ADJUST HT. OF GUARD RAIL	REMOV. & DISP. G.R.	S.P. (CABLE G.R. J-BOLT GALV.)	S.P. (CABLE G.R. SPLICE UNIT)	REPLACE- MENT OF G. R. CABLE	EARTH BORROW	SHLDR BERM REMOV.	AGG. SHLDRS., RAP	CHANGE ELEV. DI, CB, OR MH	REHAB DI, CB, OR MH, CL I OR II	604.415	STONE FILL, TYPE I		BIT. CONC. CURB, TYPE A	TREATED TIMBER CURB	REMOV. OF EXIST. CURB
			LF	EA	EA	EA	EA	EA	LF	LF	EA	EA	LF	CY	LF	TON	EA	EA	CY	LF	LF	LF		
NORTHBOUND																								
155.989	163.000					19		150		400												100	QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER	
156.074	156.188	RT													602								180	REPAIR CABLE GUARDRAIL AS DIRECTED BY ENGINEER. REMOVE TREATED TIMBER CURB MM 156.074 TO 156.108
156.320	156.386	LT	237.5	I					19	37.5				25	75									INSTALL MTS FLARED MM 156.320 TO 156.327
156.329	156.383	RT	175	I					19	37.5				25	75									INSTALL MTS FLARED MM 156.329 TO 156.336
156.588	157.113	RT		I					685	37.5				25	2738									INSTALL MTS FLARED MM 156.588 TO 156.595
157.066	157.134	LT	212.5	I					28	37.5				25	113									INSTALL MTS FLARED MM 157.066 TO 157.073
157.141		RT																						REPAIR SLOPE EROSION
157.204	157.353	RT													787									REPAIR CABLE GUARDRAIL AS DIRECTED BY ENGINEER
157.636	157.759	RT													649								581	REPAIR CABLE GUARDRAIL AS DIRECTED BY ENGINEER. REMOVE TREATED TIMBER CURB MM 157.641 TO 157.751
157.901	158.017	LT													612									REPAIR CABLE GUARDRAIL AS DIRECTED BY ENGINEER
157.911	158.036	RT													660								322	REPAIR CABLE GUARDRAIL AS DIRECTED BY ENGINEER. REMOVE TREATED TIMBER CURB MM 157.967 TO 158.028
158.061	158.179	RT	14.5	I	I				141	50				25	563								412	INSTALL MTS FLARED MM 158.061 TO 158.068; INSTALL ANCHOR AT MM 158.176. REMOVE TREATED TIMBER MM 158.094 TO 158.172
158.217	158.310	LT													491									REPAIR CABLE GUARDRAIL AS DIRECTED BY ENGINEER
158.234	158.342	RT													570								158	REPAIR CABLE GUARDRAIL AS DIRECTED BY ENGINEER. REMOVE TREATED TIMBER CURB MM 158.304 TO 158.334
158.416	158.540	LT	14.5	I	I				147	50				25	588									INSTALL MTS FLARED MM 158.416 TO 158.423; INSTALL ANCHOR AT MM 158.537
158.466	158.603	RT	14.5	I	I				166	50				25	663								174	INSTALL MTS FLARED MM 158.466 TO 158.473; INSTALL ANCHOR AT MM 158.601. REMOVE TREATED TIMBER CURB MM 158.563 TO 158.596
158.631	158.723	RT	14.5	I	I				97	50				25	388								232	INSTALL MTS FLARED MM 158.639 TO 158.646; INSTALL ANCHOR AT MM 158.721. REMOVE TREATED TIMBER CURB MM 158.672 TO 158.716
158.635	158.700	LT	14.5	I	I				72	62.5				25	288									INSTALL MTS FLARED MM 158.635 TO 158.642; INSTALL ANCHOR AT MM 158.699
158.786	158.887	LT													533									REPAIR CABLE GUARDRAIL AS DIRECTED BY ENGINEER
158.900	159.019	RT	14.5	I	I				141	50				25	563								417	INSTALL MTS FLARED MM 158.900 TO 158.907; INSTALL ANCHOR AT MM 159.106. REMOVE TREATED TIMBER CURB MM 158.935 TO 159.014
159.174	159.484	RT													1637								1278	REPAIR CABLE GUARDRAIL AS DIRECTED BY ENGINEER. REMOVE TREATED TIMBER CURB MM 159.203 TO 159.445
159.192	159.269	LT													407									REPAIR CABLE GUARDRAIL AS DIRECTED BY ENGINEER
159.267	159.270	RT																					3.3	REPAIR SLOPE EROSION
159.370	159.452	LT													433								280	REPAIR CABLE GUARDRAIL AS DIRECTED BY ENGINEER. REMOVE TREATED TIMBER CURB MM 159.392 TO 159.445
159.633	159.687	LT													285								275	REPAIR CABLE GUARDRAIL AS DIRECTED BY ENGINEER. REMOVE TREATED TIMBER CURB MM 159.613 TO 159.665
159.646	159.790	RT		I					185	25				25	738									INSTALL MTS FLARED MM 159.644 TO 159.651
159.733	159.799	LT	237.5	I					19	37.5				25	75									INSTALL MTS FLARED MM 159.733 TO 159.740
159.853	160.448	RT	14.5		I				778	25					3113								1088	INSTALL ANCHOR AT MM 160.445. REMOVE TREATED TIMBER CURB MM 160.237 TO 160.443
SHEET SUBTOTALS:			964	12	7	19	150	400	2497	550	320	13	250	300	17646	355	5	9	4.4		100	5397		

ITEM DETAIL SUMMARY SHEET #1	PROJECT NAME: BARTON - IRASBURG
	PROJECT NUMBER: IM 091-3(48)
	FILE NAME: p07a286.dgn
	PLOT DATE: 06-JUL-2011
DESIGNED BY: STANTEC	DRAWN BY: STANTEC
IPARM FILE: p07a286ids01.i	CHECKED BY: JLL
	SHEET 8 OF 40