

ITEM DETAIL SUMMARY SHEET 1

LOCATION			GUARDRAIL											MISCELLANEOUS								604.412 604.415		REMARKS		
																						613.10	616.35			
BEGIN MILE MARKER	END MILE MARKER	POS.	S.B. G.R. GALV. LF	MTS. FLARED EA	ANCHOR FOR S.B. G.R. EA	ANCHOR FOR CABLE RAIL EA	ALUM. APP. RAILING LF	REPLACE G.R. POST ASS. EA	REPLACE G.R. BEAM UNIT EA	ADJUST HT. OF GUARD RAIL LF	REMOV. & DISP. G.R. LF	S.P. (CABLE G.R. J-BOLT GALV.) EA	S.P. (CABLE G.R. SPLICE UNIT EA	RPLCMNT. OF G.R. CABLE LF	COMMON EXCAV. CY	EARTH BORROW CY	SHLDR BERM REMOV. LF	SUBBASE CRUSHED GRAVEL CY	AGG. SHLDRS., RAP TON	CHANGE ELEV. DI. CB, OR MH EA	REHAB DI. CB, OR MH, CL. I, II OR III EA	STONE FILL, TYPE I CY	TREATED TIMBER CURB LF			
NORTHBOUND						5								500						53	20	51			466.7	QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER
169.800	177.279																									
NORTHBOUND																										
169.971	170.075	LT	514.5	1	1																				INSTALL MTS FLARED AT MM 169.971. INSTALL ANCHOR AT MM 170.075.	
170.215	170.260	LT	52.0	1	1				6	3															INSTALL MTS FLARED AT MM 170.215. INSTALL ANCHOR AT MM 170.260. INSTALL 25.0 LF OF S.B. GUARDRAIL AT MM 170.222 AND 25.0 LF AT MM 170.255.	
170.334	170.893	LT	52.0	1	1					92	46												2.2	279	INSTALL MTS FLARED AT MM 170.334. INSTALL ANCHOR AT MM 170.893. INSTALL 25.0 LF OF S.B. GUARDRAIL AT MM 170.341 AND 25.0 LF AT MM 170.888. INSTALL 279 LF OF NEW TREATED TIMBER CURB AT MM 170.748. REPAIR SLOPE EROSION AT MM 170.415, LT AND 170.719, LT	
170.364	170.802	RT											105	2											REPAIR CABLE GUARDRAIL AS DIRECTED BY ENGINEER	
171.162	171.487	LT											77	2									14.3		REPAIR CABLE GUARDRAIL AS DIRECTED BY ENGINEER. REPAIR SLOPE EROSION AT MM 171.292, 171.310, 171.332, 171.359, 171.385, 171.392, 171.398, 171.404, 171.437, 171.440, 171.443, 171.452, AND 171.458, LT	
171.581	171.620	RT											6	1											REPAIR CABLE GUARDRAIL AS DIRECTED BY ENGINEER	
171.588	171.768	LT											42	1											REPAIR CABLE GUARDRAIL AS DIRECTED BY ENGINEER	
171.752	171.839	RT											18	1											REPAIR CABLE GUARDRAIL AS DIRECTED BY ENGINEER	
171.939	172.017	RT	337.5	1																			25	40	INSTALL MTS FLARED AT MM 171.939. INSTALL 337.5 LF OF S. B. GUARDRAIL AT MM 171.946.	
171.929	172.019	LT	387.5	1																			25	48	INSTALL MTS FLARED AT MM 171.929. INSTALL 387.5 LF OF S. B. GUARDRAIL AT MM 171.936.	
172.041	172.044	LT	42.5		2																				INSTALL S.B. GUARDRAIL IN MEDIAN BETWEEN BRIDGE 110N AND 110S. INSTALL ANCHORS AT EACH END OF S.B. GUARDRAIL	
172.105	172.107	LT	42.5		2																				INSTALL S.B. GUARDRAIL IN MEDIAN BETWEEN BRIDGE 110N AND 110S. INSTALL ANCHORS AT EACH END OF S.B. GUARDRAIL	
172.105	172.236	RT	27.0		1					25	21	10	157	25										625	5.3	INSTALL ANCHOR AT MM 172.236. INSTALL 25.0 LF OF S. B. GUARDRAIL AT MM 172.231. EXTEND TREATED TIMBER CURB FROM MM 172.215 TO EXISTING STRUCTURE AT MM 172.216.
172.108	172.113	LT	25.0							25															CONNECT S.B. GUARDRAIL TO APPROACH RAILING PER ALUMINUM APPROACH RAILING DETAIL SHEET 1	
172.337	172.462	LT	414.5	1	1																		25	209	INSTALL MTS FLARED AT MM 172.337. INSTALL ANCHOR AT MM 172.462. INSTALL 387.5 LF OF S.B. GUARDRAIL AT MM 172.345 AND 25.0 LF AT MM 172.457.	
172.358	172.459	RT	314.5	1	1																		25	185	INSTALL MTS FLARED AT MM 172.358. INSTALL ANCHOR AT MM 172.459. INSTALL 325.0 LF OF S.B. GUARDRAIL AT MM 172.365 AND 25.0 LF AT MM 172.455. SEE REDUCED GUARDRAIL POST SPACING DETAIL *10N MISCELLANEOUS DETAIL SHEET.	
174.459	174.554	RT	302.0	1	1																		25	166	INSTALL MTS FLARED AT MM 174.459. INSTALL ANCHOR AT MM 174.554. INSTALL 275.0 LF OF S.B. GUARDRAIL AT MM 174.466 AND 25.0 LF AT MM 174.549.	
174.460	174.565	LT	339.5	1	1																		5.6	25	182	INSTALL MTS FLARED AT MM 174.460. INSTALL ANCHOR AT MM 174.565. INSTALL 312.5 LF OF S.B. GUARDRAIL AT MM 174.460 AND 25.0 LF AT MM 174.560. REPAIR SLOPE EROSION MM 174.549 TO MM 174.555
174.896	175.300	RT	52.0	1	1																		25	2048	INSTALL MTS FLARED AT MM 174.896. INSTALL ANCHOR AT MM 175.300. INSTALL 25.0 LF OF S.B. GUARDRAIL AT MM 174.903 AND 25.0 LF AT MM 175.296.	
175.490	175.719	RT	25.0	1																			25	1123	INSTALL MTS FLARED AT MM 175.490. INSTALL 25.0 LF OF S. B. GUARDRAIL AT MM 175.497.	
175.654	175.749	LT	387.5	1																			25	50	INSTALL MTS FLARED AT MM 175.654. INSTALL 387.5 LF OF S. B. GUARDRAIL AT MM 175.661.	
175.751	175.756	LT	25.0																						CONNECT S.B. GUARDRAIL TO APPROACH RAILING PER ALUMINUM APPROACH RAILING DETAIL SHEET 1	
175.751	175.756	RT	25.0																						CONNECT S.B. GUARDRAIL TO APPROACH RAILING PER ALUMINUM APPROACH RAILING DETAIL SHEET 1	
175.766	175.780	RT																							INSTALL SNOW BARRIER ON BRIDGE 113N PER VAOT STANDARD PSF-3M	
SHEET SUBTOTALS:			3365.5	12	13	5	200	255	126	203	971	248	7	500	22.1	300	7690		53	20	51	22.1	751			

ITEM DETAIL SUMMARY SHEET #1	PROJECT NAME: DERBY	
	PROJECT NUMBER: IM 091-3(46)	
	FILE NAME: p06a200.dgn	PLOT DATE: 07-SEP-2011 10:22
	PROJECT LEADER: JLL	DRAWN BY: STANTEC
DESIGNED BY: STANTEC	CHECKED BY: JLL	
IPARM FILE: p06a200ids01.i	SHEET 9 OF 63	