

PAY ITEM NUMBER		60250200	60255500	60257900	60260100	60266100						
DESC.	STATION	OFFSET	CB ADJUST	MAN ADJUST	MAN RECONST	INLETS ADJUST	VV RECONST	STRUCTURE TYPE	EX RIM ELEV	PROP RIM ELEV	PROP INVERT	COMMENTS
	175+94.27	47.42' LT		1				DRAINAGE	697.38	699.23		
113	177+36.57	47.34' LT			1			DRAINAGE	693.38	694.98	690.98 NW	
112	178+78.85	46.37' LT			1			DRAINAGE	688.43	693.55		
1102	184+64.04	70.21' RT		1				DRAINAGE	673.73	675.37	MATCH EX	PLUG EX INV NE & SE
	268+40.95	57.00' RT					1	WATER	708.85	705.73		
	268+40.96	65.19' RT		1				SANITARY	708.87	708.50		
	270+57.74	53.90' RT				1		DRAINAGE	704.88	705.64		
	270+84.29	67.33' RT				1		DRAINAGE	704.96	705.37		
	271+26.57	72.35' RT	1					DRAINAGE	704.88	705.00		
2705	459+08.46	66.75' LT	1					DRAINAGE	705.70	706.11	695.99 E, 696.49 N	PLUG EX INV N & E
2735	458+36.74	44.67' RT		1				DRAINAGE	705.73	705.20	699.69 W, 700.44 S, 700.68 N	
	273+24.78	77.82' RT		1				SANITARY	707.20	707.50		
	462+51.64	58.16' RT	1					DRAINAGE	704.88	704.38		
	461+92.04	58.14' RT	1					DRAINAGE	705.94	704.39		
	275+60.49	28.47' LT		1				SANITARY	711.21	710.00		
	277+20.08	17.83' LT		1				UTILITY	712.43	711.60		
	278+02.91	25.46' LT		1				SANITARY	712.05	712.40		
	279+07.87	40.17' LT			1			SANITARY	710.96	713.01		
2800	279+93.80	37.20' LT			1			DRAINAGE	710.49	712.81	705.97 SE	PLUG EX INV W
	280+24.42	48.53' LT			1			DRAINAGE	709.95	712.96		
	286+44.88	40.84' LT		1				SANITARY	707.03	708.09		
2900	290+57.84	33.54' RT		1				SANITARY	698.81	699.23		
	288+10.02	57.08' RT			1			SANITARY	705.68	702.41		
	279+08.93	59.91' RT		1				SANITARY	711.87	711.91		
	454+60.07	56.98' RT		1				SANITARY	705.40	705.41		
	454+76.02	17.02' RT		1				DRAINAGE	705.85	705.41		
2746	454+91.57	22.57' RT		1				DRAINAGE	705.73	705.57	700.69 E, 700.94 W, 701.19 N & S	PLUG EX INV E & S
	454+94.34	45.62' RT				1		DRAINAGE	704.25	704.81		
2747	454+92.50	42.22' RT		1				DRAINAGE	705.31	704.82	701.26 N, 701.51 E	
2742	457+07.71	34.38' RT		1				DRAINAGE	705.40	705.60	700.06 E & W	PLUG EC INV W
	457+67.85	61.90' RT		1				SANITARY	706.32	705.39		
	464+22.18	69.68' RT	1					DRAINAGE	695.77	694.30		
	464+72.22	69.88' RT	1					DRAINAGE	694.67	694.30		
	464+81.97	66.46' RT		1				DRAINAGE	694.25	694.01		
3200	470+54.05	34.34' RT		1				DRAINAGE	664.17	665.14	659.22 W	
TOTAL			6	19	6	3	1					

CROSS ROAD CULVERT SCHEDULE										**
NUMBER	SIZE	LENGTH	UPSTREAM			DOWNSTREAM			PRC FLAR END SEC	PRC FLAR END SEC
			STATION	OFFSET	INVERT	STATION	OFFSET	INVERT		
OUTLET 14	8' X 4' BOX	107.50	188+28	44.5 RT	657.00	188+28	63.0 LT	656.90	30	
OUTLET 15	5' X 3' BOX	113.00	194+52.22	52.50 RT	656.20	194+36.61	59.20 LT	654.50		
OUTLET 16	(2) 4' X 3' BOX	123.50	207+25	60.50 RT	657.72	207+25	63.00 LT	656.25		
OUTLET 17	30" RCP	123.14	219+37	61.20 RT	656.59	219+37	61.94 LT	656.34	2	
OUTLET 18	(2) 7' X 6' BOX	132.56	224+63.81	53.00 RT	657.40	223+84.20	53.00 LT	657.10		
OUTLET 19	(2) 4' X 2' BOX	103.75	237+37	54.75 RT	663.64	237+37	49.00 LT	663.39		

DRIVEWAY & SIDE ROAD CULVERT SCHEDULE										**	**	**
STATION	LENGTH	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE (%)	PRC FLAR			PRC FLAR END SEC	PRC FLAR END SEC	PRC FLAR END SEC		
					12"	18"	24"					
ROLLINGWOODS	207	666.44	664.50	0.94			207			1		
EGIDI LANE	79	657.00	656.50	0.63			79			1		
CASEY RD	100	657.77	657.41	0.36			100			2		
225+79.28 RT	65	662.09	659.87	3.42						2		
236+69.47 RT	73	665.1	663.54	2.14			73			2		
244+79.00 RT	55	666.66	666.35	0.56			55			2		
250+02.13 LT	45	669.23	669	0.51			45			2		
258+25.53 RT	71	696	695.2	1.13			71			2		
BROOKHILL RD	63	666.23	666.00	0.37				46		0		
509+14.45 RT	29	666.80	666.23	1.97			29			1		
507+45.70 RT	36	669.66	668.02	4.58	72			4				
507+60.38 LT	30	668.4	667.99	1.36			30					
508+05.01 LT	27	667.71	667.34	1.36			27					
TOTAL					72	366	461	4	10	5		

DESC.	STATION	OFFSET	PIPE SIZE	L _a (FT)	W ₁ (FT)	W ₂ (FT)	GRADATION	PAY ITEM NO.				
								28100101	28100103	28100208	28100105	28200200
								STONE RIPRAP CL A1 (SQ YD)	STONE RIPRAP CL A2 (SQ YD)	STONE RIPRAP CL A2 (TON)	STONE RIPRAP CL A3 (SQ YD)	FILTER FABRIC (SQ YD)
OUTLET 14	188+28	63.0' LT	8' X 4'	15	15**	15**	RR-1, RR-3	25			25	25
OUTLET 15	194+45	59.2' LT	5' X 3'	15	15**	15**	RR-1, RR-3	25			25	25
500	195+11.43	55.0' LT	15"	-	-	-	-					
600	196+23	56.0' LT	12"	-	-	-	-					
700	197+25	58.0' LT	12"	-	-	-	-					
800	201+77	64.8' LT	12"	-	-	-	-					
999	202+00	61.2' LT	24"	-	-	-	-					
900	203+79	53.8' LT	15"	-	-	-	-					
OUTLET 16	207+25	63.0' LT	8' X 3'	15	8	8	RR-1, RR-3	13			13	13
OUTLET 17	219+37	61.9' LT	30"	-	-	-	-					
OUTLET 18	223+84.20	53.0' LT	2-7' X 6'	-	-	-	-					
RETENTION SITE 4	224+50	78' LT	WIER	SEE OVERFLOW DTL			RR-2			6		
2200	225+50	64.8' LT	21"	-	-	-	-					
OUTLET 19	237+37	49.0' LT	8' X 2'	10	10**	10**	RR-2		11			11
OUTLET 19	237+37	49.0' RT	8' X 2'	10	10**	10**	RR-2		11			11
2500	248+91.15	54.7' RT	24"	-	-	-	-					
BULL CREEK	249+00	within ROW	N/A	N/A	N/A	N/A	RR-1, RR-3	455			455	455
2600	249+43.53	54.8' RT	24"	-	-	-	-					
2700	464+72.14	103.5' LT	36"	-	-	-	-					
TOTAL								518	22	6	518	540

IN-LINE DETENTION CALCULATIONS							
PIPE RUN	LENGTH (FT)	CAPACITY SIZE (IN)	CAPACITY AREA (FT ²)	DETENTION SIZE (IN)	DETENTION AREA (FT ²)	STORAGE VOLUME PROVIDED (FT ³)	STORAGE VOLUME REQUIRED PER LDS (FT ³)
2502-2506	195	18	1.77	30	4.91	612.61	
2506-2510	193	15	1.23	30	4.91	710.54	
TOTAL						1323.15	1031.94
2605-2609	128	21	2.41	42	9.62	923.63	
2609-2612	204	18	1.77	36	7.07	1081.49	
TOTAL						2005.12	1916.46
3210-CTRL	120	24	3.14	42	9.62	777.54	
TOTAL						777.54	475.2