REF NO.	SHEET NO.	STATION FROM	STATION TO	OFFSET LOCATION	CONNECT TO UNDERDRAIN	OUTLET DETAIL	UNDERDRAIN ELEVATION FROM	UNDERDRAIN ELEVATION TO	OUTLET DITCH OR DRAINAGE STRUCTURE INVERT ELEVATION	603 6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	603 6" CONDUIT, TYPE B	604 PRECAST REINFORCED CONCRETE OUTLET	605 6" SHALLOW PIPE UNDERDRAIN WITH FABRIC WRAP	605 6" UNCLASSIFIED PIPE UNDERDRAIN WITH FABRIC WRAP	605 6" BASE PIPE UNDERDRAIN WITH FABRIC WRAP			BENDS AND BRANCHES - FOR INFORMATION ONLY		6" X 6" TEE	6" - 45° BEND	6" - 90° BEND	6" X 6" CROSS	6" X 6" WYE	6" PLUG	DEPTH
										FT	FT	EACH	FT	FT	FT					EACH	EACH	EACH	EACH	EACH	EACH	INCH
U-1	561	56+94.00 RAMP I	59+05.67 RAMPI		U-3		634.04	631.22	630.73				212												30
U-2		NOT USED																							
U-3	561	65+00.00 RAMP I	59+05.67 RAMP I	LEOS		B	639.12	631.22	630.73	20		1	594						1		1			1	30
U-4	561	65+00.00 RAMP I	59+05.67 RAMP I	REOS		B	639.12	632.62	630.73		40		594								1			1	30
U-5	561	69+00.00 RAMP I	65+00.00 RAMP I	LEOS		A	646.31	639.69	637.63	15		1	400								1			1	30
U-6	561	69+00.00 RAMP I	65+00.00 RAMP I	REOS		A	646.31	639.69	637.61	15		1	400								1			1	30
U-1	562	70+18.53 RAMP I	69+00.00 RAMP I	LEOS	U-5		648.63	646.31					119											1	30
U-2	562	26+20.98 SR 306	69+00.00 RAMP I	REOS	U-6		684.63	646.31					181		16									1	30
U-1	580	257+00.00 RAMP K	252+54.91 RAMP K	REOS		F	631.90	631.27	631.27	20		1	445								1			1	30
U-2	580	257+00.00 RAMP K	253+12.00 RAMP K	LEOS	D-418	C	633.12		630.81				388												30
U-1	581	258+00.00 RAMP K	257+00.00 RAMP K	LEOS	U-2		635.40	633.12					100												30
U-2	581	262+36.19 RAMP K	257+00.00 RAMP K	REOS	U-1	C	645.22	632.10	631.88	17		1	536												30
U-3		NOT USED																							
U-4	581	262+49.50 RAMP K	258+00.00 RAMP K	LEOS		F	635.40	647.19	635.23	15		1	450								1			1	30
U-5	581	262+49.50 RAMP K	263+20.00 RAMP K	LEOS		D	647.49	646.35		8		1	71		23				1					2	30
U-6	581	262+36.19 RAMP K	15+25.00 SR306	REOS		H	645.18	638.41	638.23	18		1			187				1					1	30
U-1	594	362+24.58 RAMP N	367+50.00 RAMP N	LEOS		F	644.68	635.08	634.87	20		1	525								1			1	30
U-2	594	362+51.64 RAMP N	367+50.00 RAMP N	REOS		F	641.68	635.69	635.42	26		1	498								1			1	30
U-3	594	367+50.00 RAMP N	372+50.00 RAMP N	LEOS		F	641.61	632.25	632.02	22		1	500								1			1	30
U-4	594	367+50.00 RAMP N	372+50.00 RAMP N	REOS		F	635.08	630.89	630.64	26		1	500								1			1	30
U-5	594	372+50.00 RAMP N	373+94.15 RAMP N	LEOS		B	635.69	633.05			26		144						1					1	30
U-6	594	372+50.00 RAMP N	373+94.15 RAMP N	REOS		B	632.25	631.69	631.41	28		1	144								1			1	30
U-1	595	376+60.00 RAMP N	373+94.15 RAMP N	REOS		B	630.89	634.34					200												30
TOTALS CARRIED TO SUB-SUMMARY										250	66	13	7001	0	226				4	0	11	0	0	17	

CALCULATED MBM
CHECKED MVJ

UNDERDRAIN ESTIMATED QUANTITIES

LAK-2-3.32

942
1679

\\Akrn01\Data\Civil\2004108\00\13486\drainage\sheets\13486DQ401.dgn 6/24/2008 4:49:04 PM mmoellendick