

g:\project\lak\13486\roadway\sheet\13486GS501.dgn 6/30/2008 10:48:05 AM dshamer

STREET	SHEET NO.	STATION TO STATION		203		203	659
				EXCAVATION	EMBANKMENT	EXCAVATION OF SUBGRADE	SEEDING AND MULCHING
				CU YD	CU YD	CU YD	SQ YD
SR 2	449	274+00	512+50	294863	170219	18717	229800
SR 91 RAMP A	467	72+36.82	84+00.00	1360	1015		4392
SR 91 RAMP B	481	169+24.81	177+90.08	2633	3		3357
SR 640 RAMP A	487	316+29.06	322+17.43	3331	417		1754
SR 640 RAMP D	499	308+80.00	320+86.93	8721	3700		10034
SR 640 RAMP E	505	316+50.00	320+85.00	1348	2555		3423
SR 640 RAMP H	511	315+50.00	320+50.00	6583	213		4689
LOST NATION RAMP A	525	87+50.00	99+08.22	3304	8495		10482
LOST NATION RAMP B	531	90+80.09	95+66.26	297	5536		5291
LOST NATION RAMP D	541	79+99.46	90+72.98	5329	26871		9921
LOST NATION RAMP E	550	91+22.21	100+69.04	686	15283		10711
LOST NATION RAMP F	555	89+32.97	93+18.95	51	3289		4334
LOST NATION RAMP B/F	560	201+25.00	207+14.33	1310	2891		5755
SR 306 RAMP I	579	59+20.42	70+75.00	4642	17943		20880
SR 306 RAMP K	593	255+22.22	263+25.00	2141	11864		8591
SR 306 RAMP N	615	362+00.00	374+44.48	5199	5529		17041
SR 306 RAMP O	629	170+25.26	178+48.22	676	3454		4677
SR 91	646	16+00.00	22+00.00	596	971		3023
SR 640	675	116+02.70	126+91.15	1871	405		3073
LAKELAND BLVD.	688	27+00.00	33+50.00	532	439		1657
LOST NATION RD	712	46+00.00	70+50.00	7488	26206		13914
ST. CLAIR ST	716	112+60.00	116+00.00	717	357		893
RIVERSIDE COMMONS DR	720	0+50.00	2+50.00	43	524		424
SR 306	749	14+00.00	30+50.00	1142	2315		4473
TOTALS CARRIED TO GENERAL SUMMARY				354863	310494	18717	382589

ITEM 659 - TOPSOIL
= 382589 SQ YD * (111 CU YD/1000 SQ YD) = 42468 CU YD

ITEM 659 - SOIL ANALYSIS TEST
= 42468CU YD * (1 TEST/10000 CU YD OF TOPSOIL) = 5 TESTS

ITEM 659 - REPAIR SEEDING AND MULCHING
= 382589 SQ YD * 0.05 = 19130 SQ YD

ITEM 659 - INTER-SEEDING
= 382589 SQ YD * 0.05 = 19130 SQ YD

ITEM 659 - COMMERCIAL FERTILIZER
= 30 LBS/1000 SQ FT) * 382589 SQ YD * (9 SQ FT/SQ YD) * (1 TON/2000 LB) = 52 TON

ITEM 659 - LIME
= 382589 SQ YD * (9 SQ FT/SQ YD) * (1 ACRE/43560 SQ FT) =80 ACRES

ITEM 659 - WATER
2 * [(300 GAL/1000 SQ FT) *382589 SQ YD * (9 SQ FT/SQ YD)] / 1000 =2066 M GAL

ITEM 659 - MOWING
= 382589 SQ YD * 0.25* (9 SQ FT / SQ YD) / 1000 =861 M SQ FT

CALCULATED
PSB
CHECKED
DES

EARTHWORK SUBSUMMARY FOR SR 2, RAMPS, & SIDE ROADS

LAK - 2 - 3.32