COMPUTED BY: JCL DATE: 12/31/2014
CHECKED BY: PHS DATE: 1/7/2015

PROJECT REFERENCE NO.	SHEET NO.
R-3622B	3B-1

SUMMARY OF EARTHWORK

IN CUBIC YARDS

LOCATION	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBT+%	BORROW	WASTE
–L– Sta. 11+35 TO –L– 41+35	6,169		17,521	11,352	
–DR1– Sta. 10+40 TO 11+96.77	12		2,233	2,221	
SUBTOTAL	6,181		19,754	13,573	
–L– Sta. 41+35 TO –L– 71+35	50,034		11,729		38,305
–DR2– Sta. 10+10 TO 11+25.49			531	531	
–DR3– Sta. 10+25 TO 11+75.51	78		499	421	
–DR4– Sta. 10+11 TO 11+19.65	130		5		125
–Y1– Sta. 10+00 TO 13+38.85	7,585				7,585
–Y1Temp– Sta. 12+70.82 TO 13+85	830				830
–Y1Temp– Removal Sta. 12+70.82 TO 13+85			955	955	
–DR8– Sta. 10+05 TO 10+72.13	434				434
–DR9– Sta. 10+20 TO 11+20	41		29		12
–LTemp– Sta. 62+39.88 TO 71+36.51	10,643		12		10,631
–LTemp– Removal Sta. 62+39.88 TO 71+36.51	15		3,160	3,145	
SUBTOTAL	69,790		16,920	5,052	57,922
–L– Sta. 71+35 TO –L– 101+35	11,797	1,014	38,905	27,108	1,014
–Y2– Sta. 10+11 TO 12+15	903		672		231
–DR4– Sta. 11+19.65 TO 12+68	40		16		24
–DR5– Sta. 10+00 TO 11+93.98	2,428				2,428
–DR5Temp– Sta. 10+00 TO 11+22.39	47		17		30
–DR5Temp– Removal Sta. 10+00 TO 11+22.39	15		54	39	
–DR5A– Sta. 10+00 TO 11+00	3,277				3,277
–Y3– Sta. 10+15.45 TO 15+65	19,198				19,198
–DR6– Sta. 10+09 TO 12+00	3,548		67		3,481
–DR7– Sta. 10+00 TO 12+75.44	978				978
–Y4– Sta. 10+75 TO 12+02.49	100		78		22
–LTemp– Sta. 71+36.51 TO 88+26.70	9,056		7,559		1,497
–LTemp– Removal Sta. 71+36.51 TO 88+26.70	800		4,901	4,101	
SUBTOTAL	52,187	1,014	52,268	31,248	32,180

LOCATION	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBT+%	BORROW	WASTE
–L– Sta. 101+35 TO 127+25	1,600		14,860	13,260	
–Y5– Sta. 10+11.73 TO 11+25	164		39		125
SUBTOTAL	1,764		14,899	13,260	125
TOTAL	129,922	1,014	103,842	63,134	90,228
LOSS DUE TO CLEARING AND GRUBBING	–5,500				–5,500
ADDITIONAL UNDERCUT		3,850	4,428	4,428	3,850
ROCK WASTE TO OFFSET BORROW				–610	–610
ADJUST FOR ROCK WASTE			–92	–92	
WASTE IN LIEU OF BORROW				–66,860	–66,860
GRAND TOTAL	124,422	4,864	108,178	0	21,108
SAY	125,000	4,900			

EST. DDE = 710 CY
EST. SHALLOW UNDERCUT = 100 CY
EST. CLASS IV SUBGRADE STABILIZATION = 200 TONS
PAVEMENT STRUCTURE VOLUME = 3640 CY

PAVEMENT REMOVAL SUMMARY

IN SQUARE YARDS

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	ASPHALT REMOVAL	ASPHALT BREAKUP
–L–	11+35	14+87	LT	265.0	
–L–	14+95	24+38	RT	447.4	
–L–	24+40	27+50	LT	311.0	
–L–	27+40	30+30	RT	727.4	
–L–	30+42	39+40	RT	1055.4	
–L–	48+06	50+76	RT	110.7	
–L–	50+73	61+10	LT	2374.1	
–L–	63+45	72+15	RT	1821.0	
–Y1–/–L–	10+00	72+20	LT	1025.6	
–L–	61+55	63+35	RT		286.6
–L–	70+70	78+25	C/L		1684.4
–L–	72+30	72+60	C/L		236.6
–L–	78+25	86+00	C/L	1915.7	
–Y2–	10+10	12+10	LT	584.8	
–DR5–	10+00	11+96	C/L	440.2	
–Y3–	10+25	15+05	LT	960.8	
–L–	86+95	107+85	RT	907.0	
–L–	108+43	127+25	LT	2454.0	
–LTEMP–	62+54	73+50	C/L	1810.2	
–LTEMP–	73+50	78+00	C/L		1000.0
–LTEMP–	78+00	87+31	C/L	1779.7	
–Y1TEMP–	12+70.82	13+52.08	C/L	162.5	
–DR5TEMP–	10+00	11+22.39	C/L	244.8	
			TOTAL	19,397.4	3,207.6
			SAY	19,400	3,210