

PAVEMENT CALCULATIONS							
FROM	TO	DIRECTION	LENGTH	310	310	305	305
				SUBBASE TYPE II, AS PER PLAN	SUBBASE TYPE II, AS PER PLAN	10" CONCRETE BASE	8" AVERAGE CONCRETE BASE
				NORMAL SECTION FACTOR = 0.7022 C.Y./L.F.	ROCK CUT FACTOR = 1.2563 C.Y./L.F.	FACTOR = 3.222 S.Y./L.F.	FACTOR = 1.11 S.Y./L.F.
				CU. YDS.	CU. YDS.	SQ. YDS.	SQ. YDS.
365 + 25	367 + 00	W.B.	175	123		564	194
367 + 00	373 + 75	W.B.	675		848	2179	750
510 + 25	518 + 50	E.B.	825	579		2658	917
605 + 50	613 + 50	W.B.	800		1005	2578	889
TOTALS					2555	7979	2750

REMOVAL ITEMS					
DIRECTION	FROM	TO	202	202	
			WEARING COURSE REMOVED	PAVEMENT REMOVED	
			FACTOR = 4.333 S.Y./L.F.	FACTOR = 2.667 S.Y./L.F.	
			SQ. YDS.	SQ. YDS.	
W.B.	363 + 75	365 + 25	650		
W.B.	365 + 25	373 + 75		2267	
W.B.	373 + 75	375 + 25	650		
E.B.	508 + 75	510 + 25	650		
E.B.	510 + 25	518 + 50		2200	
E.B.	518 + 50	520 + 50	867		
W.B.	604 + 00	605 + 50	650		
W.B.	605 + 50	613 + 50		2133	
W.B.	613 + 50	615 + 00	650		
TOTAL			417 S.Y.	6600 S.Y.	

EARTHWORK				
SHEET NO.	203		659	
	EXCAVATION NOT INCLUDING EMBANKMENT CONSTRUCTION	EMBANKMENT, AS PER PLAN	SEEDING AND MULCHING	
	CU. YDS.	CU. YDS.	SQ. YDS.	
	79	3962	800	3526
80	3829	0	1478	
81	3043	0	3875	
82	4314	1042	4154	
TOTAL	15148	1842	13033	

ITEM 659 - COMMERCIAL FERTILIZER					
(13033)	1 S.Y.	$\times \frac{9 \text{ SF.}}{S.Y.}$	$\times \frac{20 \text{ LBS.}}{1000 \text{ SF.}}$	$\times \frac{\text{TON}}{2,000 \text{ LBS.}}$	= 1.17 TONS
ITEM 659 - AGRICULTURAL LIMING					
(13033)	1 S.Y.	$\times \frac{9 \text{ SF.}}{S.Y.}$	$\times \frac{100 \text{ LBS.}}{1000 \text{ SF.}}$	$\times \frac{\text{TON}}{2,000 \text{ LBS.}}$	= 5.86 TONS

TRAFFIC CONTROL						
DIRECTION	FROM	TO	614	621	622	
			TEMPORARY EDGE LINES CLASS I	REMOVAL OF PAVEMENT MARKINGS	TEMPORARY CONCRETE BARRIER	
			LN. FT.	LN. FT.	LN. FT.	
			W.B.	363 + 75	375 + 25	150
W.B.	363 + 75	373 + 75			1000	
E.B.	508 + 75	520 + 50	175	175		
E.B.	508 + 75	518 + 55			980	
W.B.	604 + 00	615 + 00	100	100		
W.B.	604 + 00	613 + 50			950	
TOTALS			3425	3425	2930	

ITEM 617 - COMPACTED AGGREGATE	
188,933.9 L.F.	$\times \frac{(3.5 \text{ IN.} \times \frac{1 \text{ FT.}}{12 \text{ IN.}}) \times 5 \text{ FT.}}{2} = 137,764 \text{ C.F.}$
137,764 C.F.	$\times \frac{1 \text{ C.Y.}}{27 \text{ C.F.}} = 5102 \text{ C.Y.}$