

12/06/07

COMPUTED BY:	ARH	DATE:	5/27/25
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STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

PROJECT REFERENCE NO.	SHEET NO.
BPI4.R002	3B-1

-L187- & -L188-  
SUMMARY OF EARTHWORK

STATION	STATION	UNCL. EXCAV.	EMBANK. +15%	BORROW	WASTE
PHASE I:					
-L187- 13 + 50.00	-L187- 15 + 50.00	64	3		61
-L188- 10 + 00.00	-L188- 14 + 50.00	31	2		29
SUBTOTALS:		95	5		90
PHASE II:					
-L187- 11 + 45.00	-L187- 15 + 50.00	198	90		108
-L188- 10 + 00.00	-L188- 14 + 00.00	204	62		142
SUBTOTALS:		402	152		250
PHASE III:					
-L187- 11 + 45.00	-L187- 15 + 50.00	101	80		21
-L188- 10 + 00.00	-L188- 14 + 00.00	48	34		14
SUBTOTALS:		149	114		35
PHASE IV:					
-L187- 11 + 45.00	-L187- 15 + 50.00	4	121	117	
-L188- 10 + 00.00	-L188- 14 + 00.00		2	2	
SUBTOTALS:		4	123	119	
PROJECT TOTALS:		650	394	119	375
WASTE IN LIEU OF BORROW				-119	-119
EST. 5% TO REPLACE TOP SOIL					
GRAND TOTALS:		650	394		256
SAY:		660	400		260

EST. UNDERCUT = 100 CY (CONTINGENCY)  
EST. SELECT GRANULAR MATERIAL = 100 CY (CONTINGENCY)  
EST. FABRIC FOR SOIL STABILIZATION = 100 SY (CONTINGENCY)

-L189-  
SUMMARY OF EARTHWORK

STATION	STATION	UNCL. EXCAV.	EMBANK. +15%	BORROW	WASTE
PHASE I:					
-L189- 10 + 00.00	-L189- 13 + 73.50	313	569	256	
-DRIVE2- 10 + 09.00	-DRIVE2- 10 + 75.00		48	48	
SUBTOTALS:		313	617	304	
PHASE II:					
-L189- 10 + 00.00	-L189- 13 + 73.50	260	69		191
SUBTOTALS:		260	69		191
PROJECT TOTALS:		573	686	304	191
WASTE IN LIEU OF BORROW					
EST. 5% TO REPLACE TOP SOIL				15	
GRAND TOTALS:		573	686	319	191
SAY:		580	690	320	200

EST. UNDERCUT = 50 CY (CONTINGENCY)  
EST. SELECT GRANULAR MATERIAL = 50 CY (CONTINGENCY)  
EST. FABRIC FOR SOIL STABILIZATION = 50 SY (CONTINGENCY)

-L190-  
SUMMARY OF EARTHWORK

STATION	STATION	UNCL. EXCAV.	EMBANK. +15%	BORROW	WASTE
PHASE I:					
-L190- 15 + 00.00	-L190- 16 + 20.00	33			33
SUBTOTALS:		33			33
PHASE II:					
-L190- 11 + 07.00	-L190- 16 + 20.00	420	118		302
-DRIVE- 10 + 09.00	-DRIVE- 10 + 84.00	467	3		464
SUBTOTALS:		887	121		766
PHASE III:					
-L190- 11 + 07.00	-L190- 16 + 20.00	250	80		170
SUBTOTALS:		250	80		170
PROJECT TOTALS:		1170	201		969
WASTE IN LIEU OF BORROW					
EST. 5% TO REPLACE TOP SOIL					
GRAND TOTALS:		1170	201		969
SAY:		1180	210		970

EST. UNDERCUT = 50 CY (CONTINGENCY)  
EST. SELECT GRANULAR MATERIAL = 50 CY (CONTINGENCY)  
EST. FABRIC FOR SOIL STABILIZATION = 50 SY (CONTINGENCY)

BARBED WIRE FENCING RESET

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	LF
-L187-	13 + 00.00	14 + 61.56	LT	185.90
-L189-	13 + 39.51	13 + 73.63	LT	65.71
-L190-	10 + 78.85	12 + 83.92	LT	215.00
			TOTAL:	466.61
			SAY:	470

ELECTRIC FENCING RESET

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	LF
-L188-	12 + 21.32	12 + 79.73	RT	64.91
-L188-	12 + 69.79	13 + 22.08	LT	59.10
-L190-	11 + 39.59	11 + 76.22	RT	41.82
-L190-	12 + 02.34	16 + 07.74	RT	412.29
			TOTAL:	578.12
			SAY:	580

PAVEMENT ASPHALT REMOVAL SUMMARY

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	YD <sup>3</sup>
-L187-	11 + 56.89	11 + 65.49	LT	0.01
-L187-	11 + 86.79	12 + 19.35	LT	0.49
-L187-	12 + 00.13	12 + 21.64	RT	0.71
TEMP PVMT:				
-L187-	11 + 71.34	14 + 71.47	LT	253.01
-L188-	13 + 17.68	14 + 10.25	LT	14.99
			TOTAL:	269.20
			SAY:	270