



STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
SUMMARY OF EARTHWORK
 IN CUBIC METERS

LOCATION	UNCL. EXCAVATION	EMBT + %	BORROW	WASTE
TEMPORARY -IYI- MEDIAN LT. STA. 8+60.000 TO 43+40.000	1,608	628	0	980
TEMPORARY -IYI- MEDIAN RT. STA. 8+60.000 TO 38+05.000	1,561	532	0	829
CROSSOVERS	161	296	135	0
SEE DETAIL FOR STATION RANGES				
SUBTOTAL:	3,130	1,456	135	1,809
TEMPORARY -IYI- MEDIAN LT. REMOVAL STA. 8+60.000 TO 43+40.000	523	1,930	1,407	0
TEMPORARY -IYI- MEDIAN REMOVAL STA. 8+60.000 TO 38+05.000	443	1,633	1,190	0
CROSSOVERS REMOVAL	247	193	0	54
SEE DETAIL FOR STATION RANGES				
SUBTOTAL:	1,213	3,756	2,597	54
-IYI- LT. STA. 10+40.000 TO 20+80.000	15,808	3,348	0	12,460
SUBTOTAL:	15,808	3,348	0	12,460
-Y2- STA. 12+05.075 (END BRIDGE) TO 13+00.000	21	524	503	0
SUBTOTAL:	21	524	503	0
-IYI- LT. STA. 20+80.000 TO 26+80.000 INCLUDES -FLYIWEV- STA. 23+00.080 TO 26+66.154	26,513	6,460	0	24,836
SUBTOTAL:	26,513	6,460	0	24,836
-IYI- LT. STA. 26+80.000 TO 33+00.000	2,728	0	0	2
-IYI- LT. STA. 33+00.000 TO 41+60.000 INCLUDES -RPD- STA. 35+47.035 TO 37+57.082	10,530	2,728	0	7,872
SUBTOTAL:	13,258	2,728	0	7,874
-IYI- RT. STA. 10+40.000 TO 20+80.000 INCLUDES -FLYIWEV- STA. 31+76.908 TO 35+02.248	75,138	3,589	0	71,549
SUBTOTAL:	75,138	3,589	0	71,549
-Y2- STA. 10+60.000 TO 10+96.275 (BEGIN BRIDGE)	205	0	0	205
-YREV- STA. 10+03.492 TO 17+75.354	12,197	6,457	0	5,740
SUBTOTAL:	12,402	6,457	0	5,945
-IYI- RT. STA. 20+00.000 TO 23+60.000	4,510	499	0	4,011
-IYI- RT. STA. 23+00.000 TO 30+00.000 INCLUDES -LPB- STA. 23+05.124 TO 23+89.129	7,888	2,394	0	5,494
-FLYIWEV- STA. 28+20.000 TO 31+76.908	49,335	4,358	0	45,546
-FLYIWEV- STA. 24+85.308 (END BRIDGE) TO 28+20.000 INCLUDES -LPB- STA. 18+91.307 TO 21+74.736	2,618	61,966	60,582	1,780
-LPB- STA. 21+74.736 TO 23+05.124	0	13,331	13,331	0
SUBTOTAL:	64,351	82,548	73,913	56,831
-IYI- RT. STA. 30+00.000 TO 36+40.000	5,788	598	0	5,190
SUBTOTAL:	5,788	598	0	5,190
-FLYIWEV- STA. 20+20.000 TO 22+03.308 (BEGIN BRIDGE) INCLUDES -LPB- STA. 14+19.001 TO 15+95.084	0	62,316	62,316	0
LPB- (ON FLYIWEV X-SECT.) STA. 15+95.084 TO 16+58.307 (BEGIN BRIDGE)	0	12,391	12,391	0
-FLYIWEV- STA. 19+96.902 TO 23+00.080	4,515	5,132	3,012	3,555
SUBTOTAL:	4,515	79,839	77,719	3,555
-FLYIWEV- STA. 17+80.000 TO 20+20.000 INCLUDES -FLYIWEV- STA. 17+61.543 TO 19+96.902 INCLUDES -LPB- STA. 11+83.218 TO 14+19.001	8	65,891	65,883	0
-FLYIWEV- STA. 13+00.000 TO 17+80.000 INCLUDES -FLYIWEV- STA. 12+93.096 TO 17+61.543 INCLUDES -LPB- STA. 10+15.302 TO 11+83.218	135,972	13,787	0	123,583
-RPD- STA. 12+40.456 TO 15+47.035	10,213	13,529	3,316	0
SUBTOTAL:	146,193	93,207	69,199	123,583
-FLYIWEV- STA. 10+00.000 TO 13+00.000 INCLUDES -FLYIWEV- STA. 10+00.000 TO 12+93.096	121,753	0	0	121,753
-LREV- STA. 11+04.621 TO 13+34.173 RT. (BEGIN BRIDGES)	16,178	30,291	14,113	380
-SRD-L- STA. 10+00.000 TO 12+67.294	424	1,541	1,276	776
SUBTOTAL:	138,355	31,832	15,389	122,909
-LREV- STA. 15+17.827 RT. (END BRIDGES) TO 18+99.765 15+41.827 LT.	92,717	16,834	0	75,883
-L- STA. 18+99.765 TO 28+00.000	94,989	70,333	0	25,541
SUBTOTAL:	187,706	87,167	0	101,424
-Y4- STA. 12+50.000 TO 14+07.721 (BEGIN BRIDGE)	441	755	314	0
-Y4- STA. (END BRIDGE) 14+87.121 TO 15+95.000	1,215	221	37	1,196
-Y4DET- STA. 10+00.000 TO 11+55.235	1,148	492	0	656
-Y4DET- (REMOVAL) STA. 11+20.000 TO 11+55.235	0	1,254	1,254	0
-Y2B- STA. 10+00.000 TO 19+28.404	15,549	16,601	1,052	736
-DR2- STA. 10+03.477 TO 10+64.260	2,268	0	0	2,268
SUBTOTAL:	20,621	19,323	2,657	4,856
PROJECT SUBTOTAL:	717,012	425,558	242,112	542,875
UNDERCUT (SOFT FOUNDATION SOILS)	0	600	600	500
GRADE POINT UNDERCUT	0	2,400	2,400	2,000
ADDITIONAL UNDERCUT	0	2,400	2,400	2,000
PROJECT TOTAL R-255244:	717,012	430,958	247,512	547,375
ROCK WASTE TO BE USED IN LIEU OF BORROW			-802	-802
ADJUST FOR ROCK WASTE			-161	-161
WASTE IN LIEU OF BORROW			-246,549	-246,549
LOSS DUE TO CLEARING & GRUBBING	-9,000			-9,000
GRAND TOTAL R-255244:	708,012	430,797	0	291,024
SAY R-255244:	709,000			
GRAND TOTAL R-25524B:	666,353	210,665	0	465,619
SAY R-25524B:	666,400			
GRAND TOTAL SAY:	1,375,400			

R-255244 PAVEMENT STRUCTURE VOLUME = 22,100 m3
 R-255244 SHOULDER BORROW = 37,300 m3
 R-255244 DDE = 7,956 m3
 R-25524B PAVEMENT STRUCTURE VOLUME = 33,100 m3
 R-25524B SHOULDER BORROW = 70,400 m3
 R-25524B DDE = 9,656 m3
 GRAND TOTAL PAVEMENT STRUCTURE VOLUME = 47,410 m3
 GRAND TOTAL SHOULDER BORROW = 70,400 m3
 GRAND TOTAL DDE = 9,656 m3