NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WAYNE COUNTY

ROADWAY DESIGN UNIT

SUMMARY OF EARTHWORK (CY)

STATION	STATION	UNCL. EXCAV.	EMBANK. +%	BORROW	WASTE
-L- (includes -RAB-)					
11+75.00	37+00.00	2,079	4,726	2,647	0
-Y1-					
-Y1_N- 13+50.00	-Y1_N- 15+84.50	296	228	0	68
-Y1_S- 11+23.35	-Y1_S- 13+25.00	56	20	0	36
-Y2-					
24+00.00	27+25.45	132	43	0	89
-DRWY1-					
10+16.02	10+95.00	34	32	0	2
TOTALS		2,597	5,049	2,647	195
MATERIAL FOR SHOULDER CONSTRUCTION			825	825	
WASTE IN LIEU OF BORROW				-195	-195
PROJECT TOTAL		2,597	5,874	3,277	0
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT				164	
GRAND TOTALS:		2,597	5,874	3,441	
SAY:		2,600		3,500	

EST. DDE = 141 CY

NOTE:
Approximate quantities only. Unclassified Excavation, Borrow Excavation, Fine Grading, Clearing and Grubbing, and Removal of Existing Pavement will be paid for at the contract lump sum price for grading.

NOTE:
Earthwork quantities are calculated by the Roadway Designer.

PAVEMENT REMOVAL SUMMARY (SY)

SURVEY LINE	STATION	STATION	LOCATION	REMOVAL
L	25+19	27+86	RT	566
L	28+03	29+18	RT	204
Y2	26+21	28+63	CL	501
Y2	28+72	30+21	CL	262
Y2	30+71	33+89	CL	604
Temp. Pavement				
Y2	25+10	30+30	LT	220
		GRAND TOTAL:		2,357
		SAY:		2,360

PREPARED BY

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919.732.1300

REVISIONS

GUARDRAIL SUMMARY

"N" = DISTANCE FROM EDGE OF LANE TO FACE OF GUARDRAIL
TOTAL SHOULDER WIDTH = DISTANCE FROM EDGE OF TRAVEL LANE TO SHOULDER BREAK POINT.
FLARE LENGTH = DISTANCE FROM LAST SECTION OF PARALLEL GUARDRAIL TO END OF GUARDRAIL
W = TOTAL WIDTH OF FLARE FROM BEGINNING OF TAPER TO END OF GUARDRAIL

G = GATING IMPACT ATTENUATOR TYPE 350
NG = NON-GATING IMPACT ATTENUATOR TYPE 350

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOUL WIDTH	FLARE LENGTH		W		ANCHORS									IMPACT ATTENUATOR		REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	Type III	B-77	GREU, TL-3	GREU, TL-2	CAT-1	AT-1	Type III SC	B-77 SC	TES	G	NG	
Y2	26+18.00		CL	25			26+18.00																2			-Y2 DEAD END
			SUBTOTAL	25																			2			
			SAY	25																						
ADDITIONAL GUARDRAIL POSTS = 5 EA																										