

SUMMARY OF EARTHWORK

IN CUBIC YARDS

Station	Station	Uncl. Excav.	Undercut	Embank. +%	Borrow	Waste
PHASE 1						
-L- Sta. 530+89.00 RT	-L- Sta. 533+49.00 RT	248		374	126	
L Sta. Med 530+89.00	L Sta. Med 534+05.00	5		704	699	
L- Sta. 538+13.00 RT	L Sta. 545+50.00 RT	105		813	708	
Y36 Sta. 13+00.00	Y36 Sta. 19+80.97	1,288		536		752
Y36 Sta. 20+58.97	Y36 Sta. 29+00.00	1,760	1,000	2,078	318	1,000
Y37 Sta. 13+75.00	Y37 Sta. 15+97.25	693	1,900	530		2,063
L Sta. 555+32.00 LT	L Sta. 558+08.00 LT	3,161		97		3,064
SUBTOTALS:		7,260	2,900	5,131	1,850	6,879
PHASE 2						
-L- Sta. 529+39.25 LT	-L- Sta. 555+32.00 LT	4,352		4,129		224
L Sta. 558+08 LT	L Sta. 559+09.57 LT	256				256
L Sta. 529+39.25 RT	L Sta. 530+89.00 RT	324		122		202
L Sta. 533+49.00 RT	L Sta. 538+13.00 RT	68		131	63	
L Sta. 545+50.00 RT	L Sta. 559+09.57 RT	381		797	416	
L Med Sta. 529+39.25	L Med Sta. 530+89.00	40		37		3
L Med Sta. 534+05.00	L Med Sta. 559+09.57	45		2,920	2,875	
SUBTOTALS:		5,466		8,135	3,353	684
TOTALS:		12,726	2,900	13,266	5,203	7,563
LOSS DUE TO CLEARING AND GRUBBING		-1,050			1,050	
ADDITIONAL UNDERCUT			900	1,035	1,035	900
WASTE IN LIEU OF BORROW					-4,663	-4,663
PROJECT TOTAL:		11,676	3,800	14,301	2,625	3,800
EST. 5% REPLACE TOPSOIL ON BORROW PIT					131	
GRAND TOTAL:		11,676	3,800		2,756	3,800
SAY:		11,700	4,000		3,000	

GEOTEXTILE FOR SOIL STABILIZATION = 4705 SY

SHALLOW UNDERCUT = 560 CY

CLASS IV SUBGRADE STABILIZATION = 1120 TONS

SELECT GRANULAR MATERIAL = 6400 TONS

GEOTEXTILE FOR SUBGRADE STABILIZATION = 1680 SY

UNCLASSIFIED EXCAVATION ACCEPTABLE BUT NOT IN THE TOP THREE FEET OF EMBANKMENT

L STA 550+25 TO 552+75 LT & RT 450 CY

L STA 553+25 TO 554+25 RT 5 CY

Y36 STA 23+25 TO 29+00 LT & RT 975 CY

Y37 STA 13+75 TO 16+36 LT & RT 850 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.

ASPHALT PAVEMENT REMOVAL SUMMARY

IN SQUARE YARDS

SURVEY LINE	Station	Station	LOCATION LT/RT/CL	ASPHALT REMOVAL	ASPHALT BREAKUP	CONCRETE REMOVAL	CONCRETE BREAKUP
-L-	529+39.25	530+89.02	RT	86.00			
-L-	529+39.25	530+89.02	RT	20.56			
-L-	529+39.25	530+89.02	LT	89.56			
-L-	529+39.25	530+89.02	LT	52.89			
-L-	534+04.67	535+00.00	CL	251.78			
-L-	535+00.00	538+00.00	CL	995.98			
-L-	535+00.00	538+80.48	LT	190.56			
-L-	538+00.00	539+99.53	CL/LT	158.89			
-L-	538+00.00	540+00.00	CL/RT	102.78			
-L-	535+02.70	538+61.85	RT	149.89			
-L-	538+80.48	542+73.10	LT	226.44			
-L-	540+00.00	545+82.28	LT/CL	259.56			
-L-	540+00.00	545+87.94	RT/CL	810.00			
-L-	542+73.10	545+43.89	LT	184.11			
-L-	545+82.28	550+28.70	CL/LT	825.67			
-L-	546+84.17	550+23.29	CL/RT	140.44			
-L-	546+31.12	547+52.41	Y36/LT	148.11			
-L-	546+27.15	549+25.74	Y36/RT	512.67			
-L-	549+57.47	550+05.82	LT	23.33			
-L-	549+25.74	553+55.84	RT	227.00			
-L-	550+28.76	554+28.00	CL/LT	329.00			
-L-	550+21.94	558+09.57	CL/RT	54.44			
-L-	551+51.63	552+86.45	LT	40.67			
-L-	553+89.20	555+22.21	RT	47.00			
-L-	553+95.03	555+90.51	LT	189.11			
-L-	554+28.00	557+37.49	CL/LT	154.33			
-L-	555+70.17	559+09.57	RT	105.11			
-L-	558+03.81	559+09.57	LT	41.78			
-L-	557+37.49	557+98.09	LT/CL	31.22			
-L-	557+98.09	559+09.57	LT/CL	53.33			
-L-	558+09.57	559+09.57	RT/CL	43.89			
-Y36-	21+28.87	27+50.65	CL	1156.00			
-Y37-	14+00.00	15+88.66	CL	1016.00			
		TOTAL:		8718.09			
		SAY:		9,400			

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

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

GUARDRAIL SUMMARY

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