

12/06/07

COMPUTED BY: VML DATE: 10 JUNE 2019
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STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

PROJECT REFERENCE NO. SHEET NO.
 U-6020 3B-1

SUMMARY OF EARTHWORK
 IN CUBIC YARDS

LOCATION	UNCLASSIFIED EXCAVATION	UNDERCUT	*EMBT+%	*BORROW	WASTE
-L- 10+33.50 TO -L- 20+25.00	842	580	5573	4731	580
-Y1- 12+00.00 TO -Y1- 21+27.74	971		1050	79	
-Y2- 10+23.50 TO -Y2- 12+75.00	176		757	581	
-Y2- 14+90.00 TO -Y2- 16+45.36	25		40	15	
-RPA- 10+00.00 TO -RPA- 11+17.33	66				66
-RPB- 10+00.00 TO -RPB- 11+21.39	70				70
-DRW1- 10+00.00 TO -DRW1- 10+57.00	124		4		120
-DRW2- 10+27.27 TO -DRW2- 11+05.00	14		104	90	
-DRW3- 10+25.14 TO -DRW3- 11+05.00	17		97	80	
-DRW4- 10+00.00 TO -DRW4- 10+71.56	11		80	69	
SUBTOTAL	2316	580	7705	5646	836
MATERIAL FOR SHOULDER CONSTRUCTION			840	840	
LOSS DUE TO CLEARING & GRUBBING	-400			400	
ADDITIONAL UNDERCUT		500	600	600	500
SELECT GRANULAR MAT'L IN LIEU OF BORROW			-1296	-1296	
WASTE IN LIEU OF BORROW				-256	-256
PROJECT TOTAL	1916	1080	7849	5933	1080
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT				297	
GRAND TOTAL	1916	1080	7849	6230	1080
SAY	2110			6860	

* INCLUDES BACKFILL FOR UNDERCUT
 DDE = 1980 CY
 PER GEOTECHNICAL RECOMMENDATIONS:
 SELECT GRANULAR MATERIAL = 2600 CY TOTAL (500 CY CONTINGENCY + 2100 CY -L- STA 10+75 TO 13+25)
 GEOTEXTILE FOR SOIL STABILIZATION = 2600 SY TOTAL (500 SY CONTINGENCY + 2100 SY -L- STA 10+75 TO 13+25)
 (SEE SHEET 3G-1 FOR OTHER GEOTECHNICAL SUMMARIES)

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

CHAIN LINK FENCE, 48" FABRIC
 SUMMARY

STATION TO STATION	LT. OR RT.	A FABRIC L.F.	B END BRACE	C CORNER BRACE	D LINE BRACE	E LINE POSTS	F TERMINAL POSTS
-Y1- 17+65 TO 19+03	LT	145.00	1	1		12	2
-Y1- 15+52 TO 16+06.83	RT	56.00	1			5	1
-Y1- 19+84.55 TO 20+57.98	LT	117.00	2			9	2
TOTAL:		318.00				26	5
SAY:		318.00				26	5

PAVEMENT REMOVAL SUMMARY
 IN SQUARE YARDS

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	SY
-L-	15+10	20+25	RT	592
-L-	16+89	20+25	LT	38
-Y1-	12+00	19+03	LT	724
-Y1-	20+26	21+28	LT	48
-Y1-	12+00	21+28	RT	357
-Y2-	11+09	12+75	RT	25
-Y2-	10+73	12+75	LT	169
-Y2-	14+90	16+51	LT	116
-Y2-	14+90	16+43	RT	45
-RPA-	10+00	11+17	RT	55
-RPB-	10+00	11+21	RT	134
TOTAL:				2303
SAY:				2310

MILLING ASPHALT PAVEMENT, 1.5" DEPTH
 IN SQUARE YARDS

SURVEY LINE	STATION	STATION	SY
-Y1-	21+27.74	22+75.00	980
-Y2-	13+25.00	14+90.00	609
TOTAL:			1589
SAY:			1590

WOVEN WIRE FENCE, 47" FABRIC
 SUMMARY

STATION TO STATION	LT. OR RT.	A FABRIC L.F.	B END BRACE	C CORNER BRACE	D LINE BRACE	E 4" POSTS	F 5" POSTS
-Y1- 19+00 TO 20+69.26	RT	162.00	3			8	6
TOTAL:		162.00				8	6
SAY:		170.00				9	6

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