

30/26

### EARTHWORK SUMMARIES

PROJECT: B-4010

COUNTY: ASHE

REV: 4/8/2004  
DATE: 10/24/03

SHEET

1 OF 1 SHEETS

LINE	STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE				
			TOTAL UNCLASS.	ROCK	UNDERCUT	UNUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMB. + 15%		ROCK	SUITABLE	UNUIT.	TOTAL	
<b>SUMMARY # 1</b>																	
L	11+00.00	19+36.60	49,467	28,712			20,755	4,742	3,794		3,794			24,918	20,755	0	45,673
L	22+50.60	30+50.00	2,188				2,188	7,754		7,754	8,917	6,729		0	0	0	0
<b>SUBTOTAL:</b>			<b>51,655</b>	<b>28,712</b>			<b>22,943</b>	<b>12,496</b>	<b>3,794</b>	<b>7,754</b>	<b>12,711</b>	<b>6,729</b>		<b>24,918</b>	<b>20,755</b>	<b>0</b>	<b>45,673</b>
EST. LOSS DUE TO CLEARING & GRUBBING (GEOTECH)			-3,000				-3,000										
ROCK WASTE TO REPLACE BORROW								4,681	-4,681		-4,681			-4,681			-3,000
DEDUCTION FOR ROCK SWELL									-1,170		-1,170						-4,681
DEDUCTION FOR EARTH SHRINKAGE								0	0		-878						
<b>SUB TOTAL:</b>			<b>48,655</b>	<b>28,712</b>			<b>19,943</b>	<b>12,496</b>	<b>8,475</b>	<b>1,903</b>	<b>10,663</b>	<b>0</b>		<b>20,237</b>	<b>17,755</b>	<b>0</b>	<b>37,992</b>
<b>TOTAL:</b>			<b>48,655</b>									<b>0</b>					<b>37,992</b>
<b>SAY:</b>			<b>50,000</b>		<b>0</b>							<b>0</b>					<b>38,000</b>

FROM GEOTECH:			
FABRIC FOR SOIL STABILIZATION:	1000 SY	CONTINGENCY	
UNDERDRAIN:	500 LF	CONTINGENCY	
ESTIMATED UNDERCUT			
SELECT MATERIAL CLASS II OR III:	300 CY	FOR BACKFILL OF UNDERCUT	
SELECT MATERIAL CLASS II OR III:	1000 CY	CONTINGENCY	
CLASS IV SUBGRADE STAB. MATERIAL:	500 CY	CONTINGENCY	

THESE EARTHWORK COMPS ASSUME MATERIAL CAN BE HAULED OVER BRIDGE.

	<b>TOTAL EXCAV. (UNCL.)</b>		<b>UNDERCUT EXCAV.</b>		<b>BORROW</b>		<b>EMB. + 15%</b>		<b>TOTAL WASTE</b>
<b>CHECK:</b>	48,655	+	0	+	0	=	10,663	+	37,992

48,655 = 48,655