

SUMMARY OF EARTHWORK (IN CUBIC YARDS)

HNTB HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

PROJECT REFERENCE NO. SHEET NO.

P-4900A 3D

RW SHEET NO.

DATE: JANUARY 19, 2015

LOCATION	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBT +%	BORROW	WASTE
SUMMARY #1					
-M1- STA 9+25 TO STA 21+51.24	4,739	3,200	16,569	11,830	5,102
#1 TOTAL	4,739	3,200	16,569	11,830	5,102
SUMMARY #2					
-M1- STA 22+62.90 TO STA 38+26.84	2,813	4,100	109,024	106,211	5,929
#2 TOTAL	2,813	4,100	109,024	106,211	5,929
SUMMARY #3					
-M1- STA 39+58.55 TO STA 69+00	11,063	3,700	140,905	129,842	4,505
#3 TOTAL	11,063	3,700	140,905	129,842	4,505
SUMMARY #4					
-M1- STA 69+00 TO STA 99+00	13,971	0	38,957	26,157	1,171
#4 TOTAL	13,971	0	38,957	26,157	1,171
SUMMARY #5					
-M1- STA 99+00 TO STA 129+00	16,045	0	21,807	11,103	5,341
#5 TOTAL	16,045	0	21,807	11,103	5,341
SUMMARY #6					
-M1- STA 129+00 TO STA 136+22.85	3,323	0	215	0	3,108
#6 TOTAL	3,323	0	215	0	3,108
SUMMARIES 1-6 TOTAL	51,954	11,000	327,477	285,143	25,156
ADDITIONAL UNDERCUT		5,000	6,250	6,250	5,000
BORROW EXCAVATION FOR SURCHARGE			12,500	12,500	
UNCLASSIFIED EX. TO REMOVE SURCHARGE	10,000				10,000
LOSS DUE TO CLEARING AND GRUBBING	-500			500	
SURGE STONE IN LIEU OF UNDERCUT BACKFILL			-20,000	-20,000	
ROCK EMBANKMENT IN LIEU OF BORROW			-11,500	-11,500	
WASTE TO REPLACE BORROW				-2,156	-2,156
PROJECT TOTAL	61,454	16,000	314,727	270,737	38,000
ESTIMATE 5% TO REPLACE TOPSOIL ON BORROW PIT				13,537	
GRAND TOTAL	61,454	16,000	314,727	284,274	38,000
SAY	61,500	16,000		284,300	

EST. DDE = 620 CY

EST. 35,000 TN OF SURGE STONE

EST. 3000 TN OF CLASS VI SELECT MATERIAL

* THESE EARTHWORK QUANTITIES ARE BASED IN PART ON SUBSURFACE DATA PROVIDED BY THE GEOTECHNICAL ENGINEER.

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