

R-2707D  
CHANNEL RELOCATION  
CLEVELAND COUNTY

**Stantec**  
Stantec Consulting Services Inc.  
801 Jones Franklin Road  
Suite 300  
Raleigh, NC 27606  
Tel. (919) 851-6866  
Fax. (919) 851-7024  
www.stantec.com  
License No. F-0672

PROJECT REFERENCE NO. R-2707D	SHEET NO. NS-3
DESIGN ENGINEER	

## SUMMARY OF QUANTITIES

DESCRIPTION	SECTION	QUANTITY	UNIT	ITEM DESCRIPTION
1077000000-E	SP	570	TON	#57 STONE
3656000000-E	876	810	SY	GEOTEXTILE FOR DRAINAGE, TYPE 2
3651000000-E	SP	720	TON	BOULDERS
3628000000-E	876	1,190	TON	PLAIN RIP RAP, CLASS I
3635000000-E	876	730	TON	PLAIN RIP RAP, CLASS II
3642000000-E	876	220	TON	PLAIN RIP RAP, CLASS A
3649000000-E	876	10	TON	PLAIN RIP RAP, CLASS B
6123000000-E	SP	3.3	ACR	REFORESTATION
6070000000-N	1639	22	EA	SPECIAL STILLING BASINS
6126000000-E	SP	1.5	ACR	STREAMBANK REFORESTATION
6132000000-N	SP	21	EA	GENERIC EROSION CONTROL ITEM - LOGS
6133000000-N	SP	1	LS	GENERIC EROSION CONTROL ITEM - CONSTRUCTION SURVEYING FOR MITIGATION
6133000000-N	SP	1	LS	GENERIC EROSION CONTROL ITEM - SITE GRADING FOR MITIGATION
6133000000-N	SP	1	LS	GENERIC EROSION CONTROL ITEM - DIVERSION PUMPING FOR MITIGATION
6138000000-N	SP	1,500	CY	IMPERVIOUS SELECT MATERIAL
6147000000-E	SP	630	LF	GENERIC EROSION CONTROL ITEM - BRUSH TOE

## SUMMARY OF APPROXIMATE EARTHWORK FOR STREAM RELOCATION

LOCATION	RELOCATION UNCLASSIFIED EXCAV. (CU.YD.)	RELOCATION EMBANKMENT	RELOCATION BORROW (CU.YD.)	RELOCATION WASTE (CU.YD.)
1A COMBINED	2,339	1,928		411
1B COMBINED	2,253	864		1,389
2ABC COMBINED	7,272	11,266	3,994	

APPROXIMATE QUANTITIES ONLY, RELOCATION UNCLASSIFIED EXCAVATION, RELOCATION BORROW EXCAVATION, RELOCATION FINE GRADING AND RELOCATION CLEARING AND GRUBBING WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR "GRADING FOR MITIGATION".