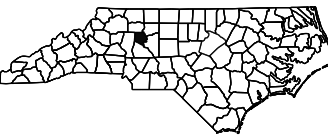




						U-6187
						DSM-03
						NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DAVIE COUNTY
						
						ENVIRONMENTAL ANALYSES UNIT
						HYDRAULIC DESIGN ENGINEER
						
						PREPARED BY
						 VHB Engineering, Inc., P.C. (C-3705) 540 Main Campus Drive, Suite 500 Raleigh, NC 27616
						DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED
U-6187 ONSITE STREAM MITIGATION SUMMARY OF QUANTITIES						
Description	Section	Item Description	Quantity	Unit Measure	Pay Unit	
0000100000-N	800	MOBILIZATION	1	LS	LS	
0000400000-N	SP	SURVEYING FOR MITIGATION	1	LS	LS	
-	SP	SITE GRADING FOR MITIGATION	1	LS	LS	
1077000000-E	1005	#57 STONE	225	TON	TON	
3628000000-E	876	RIP RAP, CLASS I	185	TON	TON	
3635000000-E	876	RIP RAP, CLASS II	15	TON	TON	
3642000000-E	876	RIP RAP, CLASS A	10	TON	TON	
3649000000-E	876	RIP RAP, CLASS B	300	TON	TON	
3651000000-E	SP	BOULDERS	430	TON	TON	
3656000000-E	876	GEOTEXTILE TYPE 2	1,155	SY	SY	
6000000000-E	1605	TEMPORARY SILT FENCE	7,245	LF	LF	
6006000000-E	1610	EROSION CONTROL STONE, CLASS A	75	TON	TON	
6009000000-E	1610	EROSION CONTROL STONE, CLASS B	75	TON	TON	
6012000000-E	1610	SEDIMENT CONTROL STONE	60	TON	TON	
6015000000-E	1615	TEMPORARY MULCHING	20	ACR	ACR	
6018000000-E	1620	SEED FOR TEMPORARY SEEDING	1,300	LB	LB	
6021000000-E	1620	FERTILIZER FOR TEMPORARY SEEDING	7	TON	TON	
6029000000-E	SP	SAFETY FENCE	2,500	LF	LF	
6030000000-E	1630	SILT EXCAVATION	90	CY	CY	
6037000000-E	1629	COIR FIBER MAT	11,200	SY	SY	
6042000000-E	1632	1/4" HARDWARE CLOTH	170	LF	LF	
6046000000-E	1636	TEMPORARY PIPE FOR STREAM CROSSING (60")	40	LF	LF	
6070000000-N	1339	SPECIAL STILLING BASIN	6	Each	Each	
6071030000-E	1640	COIR FIBER BAFFLE	30	LF	LF	
6084000000-E	1660	SEEDING AND MULCHING	18	ACR	ACR	
6087000000-E	1660	MOWING	12	ACR	ACR	
6090000000-E	1661	SEED FOR REPAIR SEEDING	200	LB	LB	
6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	1	TON	TON	
6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	425	LB	LB	
6108000000-E	1665	FERTILIZER TOPDRESSING	13	TON	TON	
6111000000-E	SP	IMPERVIOUS DIKE	200	LF	LF	
6114500000-N	1667	SPECIALIZED HAND MOWING	10	MHR	MHR	
6117000000-N	1675	RESPONSE FOR EROSION CONTROL	25	EA	EA	
6135000000-E	SP	GENERIC EROSION CONTROL ITEM - DISKING	2	ACR	ACR	
6135000000-E	SP	GENERIC EROSION CONTROL ITEM - RIPPING	2	ACR	ACR	
0995000000-E	340	PIPE REMOVAL	180	LF	LF	
-	SP	BRUSH TOE STABILIZATION	604	LF	LF	
-	SP	LIVE PLANT MATERIAL - 12" DIAMETER BUNDLES	315	EA	EA	
6900000000-E	SP	TOPSOIL	60	CY	CY	
-	SP	CHANNEL SUBSTRATE MATERIAL	37	TON	TON	
-	SP	IMPERVIOUS SELECT MATERIAL	700	CY	LS	
6133000000-N	SP	DIVERSION PUMPING FOR STREAM RESTORATION	1	LS	LS	
3503000000-E	866	WOVEN WIRE FENCE, 47" FABRIC	4,900	LF	LF	
3509000000-E	866	4" TIMBER FENCE POSTS, 7'-6" LONG	322	EA	EA	
3515000000-E	866	5" TIMBER FENCE POSTS, 8'-0" LONG	52	EA	EA	
3564000000-E	866	SINGLE GATES, 4'-10" HIGH, 12' WIDE, 12' OPENING	7	EA	EA	

Summary of Earthwork for Mitigation			
Mitigation Unclassified Excavation (CU.YD.)	Mitigation Borrow (CU.YD.)	Mitigation Embankment (CU.YD.)	Mitigation Waste (CU.YD.)
6,500	0	0	3,300