SUMMARY OF QUANTITIES

	PAY CODE	ITEM	UNITS	TOTAL QUANTITY
	20100500	TREE REMOVAL, ACRES	ACRE	0.03
	20200100	EARTH EXCAVATION	CU YD	215
	20300100	CHANNEL EXCAVATION	CU YD	230
	20400800	FURNISHED EXCAVATION	CU YD	120
	25000210	SEEDING, CLASS 2A	ACRE	0.3
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	27
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	27
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	27
	25100115	MULCH, METHOD 2	ACRE	0.3
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	30
*	28000305	TEMPORARY DITCH CHECKS	FOOT	54
	28000400	PERIMETER EROSION BARRIER	FOOT	100
	28000500	INLET AND PIPE PROTECTION	EACH	1
	28100107	STONE RIPRAP, CLASS A4	SQ YD	300
	28200200	FILTER FABRIC	SQ YD	300
	50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
	50105220	PIPE CULVERT REMOVAL	FOOT	41
	50200100	STRUCTURE EXCAVATION	CU YD	120
	50300225	CONCRETE STRUCTURES	CU YD	22.4
	50300280	CONCRETE ENCASEMENT	CU YD	3.5
	50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	1253
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	3970
Δ	50900205	STEEL RAILING, TYPE S1	FOOT	92
	51201400	FURNISHING STEEL PILES HP10X42	FOOT	160
	51202305	DRIVING PILES	FOOT	160
	51203400	TEST PILE STEEL HP10X42	EACH	2
	51500100	NAME PLATES	EACH	1
	542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	42
	59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	36.3

SUMMARY OF QUANTITIES

	PAY CODE	ITEM	UNITS	TOTAL QUANTITY
	67100100	MOBILIZATION	L SUM	1
	70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1
Δ	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
*	X4020500	AGGREGATE SURFACE COURSE, TYPE B 6"	SQ YD	45
*	X4020700	AGGREGATE SURFACE COURSE, TYPE B 8"	SQ YD	480

Δ SPECIALTY ITEMS

EARTHWORK SCHEDULE

	CUT		FILL		TOTAL
STATION	SQ FT	CU YD	SQ FT	CU YD	CU YD
4+80	9.3		0.0		
		65.6		76.7	142.2
5+40	49.7		69.0		
		52.6		60.9	113.5
5+77	27.9		20.8		
BRIDGE OMISSION					
6+23	46.5		6.7		
		46.5		53.5	100.0
6+70	7.4		55.3		
		21.1		63.8	84.9
7+20	15.4		13.6		
		27.4		15.1	42.6
7+80	9.3		0.0		

TOTAL CUT EARTH EXCAVATION	TOTAL FILL EMBANKMENT	TOTAL EARTHWORK
215 CU YD	270 CU YD	485 CU YD

FURNISHED EXCAVATION =	120 CU YD

* FURNISHED EXCAVATION INCLUDES 25% SHRINKAGE AND 5% WASTE OF EARTH EXCAVATION.

AGGREGATE SCHEDULE

STATION	TO	STATION	SURFACE AREA (SQ FT)	AGG SURF CSE, TY B, 8" (SQ YD)	AGG SURF CSE, TY B, 6" (SQ YD)
4+80.0	-	5+76.63	1620	180.0	
6+23.38	-	7+80.0	2700	300.0	
FE 7+20.0			404		44.9
TOTAL :				480	45