

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	26
20200100	EARTH EXCAVATION	CU YD	565
20300100	CHANNEL EXCAVATION	CU YD	180
① 20400800	FURNISHED EXCAVATION	CU YD	215
① 28000305	TEMPORARY DITCH CHECKS	FOOT	84
28000400	PERIMETER EROSION BARRIER	FOOT	235
28000500	INLET AND PIPE PROTECTION	EACH	3
28100209	STONE RIPRAP, CLASS A5	TON	325
28200200	FILTER FABRIC	SQ YD	270
① 40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	693
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	140
① 50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50105220	PIPE CULVERT REMOVAL	FOOT	42
50200100	STRUCTURE EXCAVATION	CU YD	65
50300225	CONCRETE STRUCTURES	CU YD	23.4
50300280	CONCRETE ENCASMENT	CU YD	3.5
① 50400305	PRECAST PRESTRESSED CONCRETE DECK BEAMS (17" DEPTH)	SQ FT	1,385
50800105	REINFORCEMENT BARS	POUND	2,720
* ① 50900205	STEEL RAILING, TYPE S1	FOOT	96
51201400	FURNISHING STEEL PILES HP10X42	FOOT	216
① 51202305	DRIVING PILES	FOOT	216
① 51203400	TEST PILE STEEL HP10X42	EACH	1
51500100	NAME PLATES	EACH	1
① 54200220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	108
① 54200247	PIPE CULVERTS, CLASS D, TYPE 1 42"	FOOT	64
67100100	MOBILIZATION	L SUM	1
* ① 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
① X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.4
① XX004633	FIELD TILE ADJUSTMENT	EACH	3
① X0324079	EXISTING FIELD TILE REMOVAL	FOOT	140
① XX008646	RELOCATE AND REPLACE EXISTING FIELD TILE	FOOT	205

① SEE SPECIAL PROVISIONS

CONSTRUCTION CODE TYPE: X080(0011)

* SPECIALTY ITEMS

EARTHWORK SUMMARY

STATION TO STATION	EARTH EXCAVATION	CHANNEL EXCAVATION	STRUCTURE EXCAVATION	FILL	WASTE (SHORTAGE)
	CU YD	CU YD	CU YD	CU YD	CU YD
RDWY 17+75.00 - 19+76.00	408			442	(136)
RDWY 20+24.00 - 22+25.00	155			193	(77)
CHANNEL		180			
STRUCTURE			65		
TOTAL	563	180	65	635	(213)
USE	565	180	65	-	(215)

(@ 25% SHRINKAGE)

TREE REMOVAL

STATION	OFFSET	SIDE	6 TO 15 UNITS
19+99	33'	RIGHT	8
19+99	33'	RIGHT	8
19+99	33'	RIGHT	10
TOTAL			26

TEMPORARY DITCH CHECKS

STATION	SIDE	FOOT
18+50	RIGHT	12
18+50	LEFT	12
19+80	RIGHT	12
19+84	LEFT	12
20+16	LEFT	12
20+17	RIGHT	12
21+00	LEFT	12
TOTAL		84

PERIMETER EROSION BARRIER

STATION TO STATION	SIDE	FOOT
19+12 - 19+76	RIGHT	65
19+23 - 19+79	LEFT	55
20+49 - 21+01	RIGHT	55
22+00 - 22+25	LEFT	30
22+00 - 22+25	RIGHT	30
TOTAL		235

INLET AND PIPE PROTECTION

STATION	SIDE	EACH
19+12	RIGHT	1
19+23	LEFT	1
21+01	RIGHT	1
TOTAL		3

AGGREGATE SURFACE COURSE, TYPE B

STATION TO STATION	THICKNESS	WIDTH	LENGTH	TON
ENTR. - 19+37.00 LT	0.50'	40' & VAR.	24.5'	39
ENTR. - 19+43.00 RT	0.50'	40' & VAR.	43.0'	65
ENTR. - 20+75.00 RT	0.50'	40' & VAR.	22.3'	36
TOTAL				140

AGGREGATE SURFACE COURSE, TYPE A

STATION TO STATION	THICKNESS	WIDTH	LENGTH	TON
17+75.00 - 18+25.00	1.00'	19.58' AVG.	50.00'	69
18+25.00 - 19+76.00	1.00'	25.00'	151.00'	264
ABUTMENT BACKFILL - SEE SPECIAL PROVISIONS				27
20+24.00 - 21+75.00	1.00'	25.00'	151.00'	264
21+75.00 - 22+25.00	1.00'	19.58' AVG.	50.00'	69
TOTAL				693

PIPE CULVERT REMOVAL

STATION	SIZE	SIDE	FOOT
19+43	42"	RIGHT	23
20+75	15"	RIGHT	19
TOTAL			42

EXISTING FIELD TILE REMOVAL

STATION TO STATION	SIDE	FOOT
17+75 - 19+15	RIGHT	140
TOTAL		140

RELOCATE AND REPLACE EXISTING FIELD TILE

STATION TO STATION	SIZE	SIDE	FOOT
17+75 - 19+80	15"	RIGHT	205
TOTAL			205

PIPE CULVERTS, CLASS D, TYPE 1 15"

STATION	SIDE	FOOT
19+37	LEFT	56
20+75	RIGHT	52
TOTAL		108

PIPE CULVERTS, CLASS D, TYPE 1 42"

STATION	SIDE	FOOT
19+43	RIGHT	64
TOTAL		64