

CONTRACT NO. 95555			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
653	*	SHELBY	40
			SHEET NO. 3

* 04-00256-00-BR

SUMMARY OF QUANTITIES

X081-2A

CODE NO.	ITEM	UNIT	QUANTITY
20100500	TREE REMOVAL, ACRES	ACRE	3.7
20200100	EARTH EXCAVATION	CU YD	488
20200500	EARTH EXCAVATION (WIDENING)	CU YD	11
20300100	CHANNEL EXCAVATION	CU YD	2375
20400800	FURNISHED EXCAVATION	CU YD	4863
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	100
25000200	SEEDING, CLASS 2	ACRE	2.8
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	252
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	252
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	252
25100115	MULCH, METHOD 2	ACRE	2.8
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1600
28000300	TEMPORARY DITCH CHECKS	EACH	6
28000400	PERIMETER EROSION BARRIER	FOOT	550
28000500	INLET AND PIPE PROTECTION	EACH	2
28100207	STONE RIPRAP, CLASS A4	TON	947
28200200	FILTER FABRIC	SQ YD	584
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	3051
30201500	LIME	TON	79
35100100	AGGREGATE BASE COURSE, TYPE A	TON	1503
35400300	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8"	SQ YD	49
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	164
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1339
40600300	AGGREGATE (PRIME COAT)	TON	7
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	272
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	347
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	321
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	8
40800030	AGGREGATE (PRIME COAT)	TON	2
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	4
44000100	PAVEMENT REMOVAL	SQ YD	49
44004000	PAVED DITCH REMOVAL	FOOT	874
48100100	AGGREGATE SHOULDERS, TYPE A	TON	359
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU YD	140
50300225	CONCRETE STRUCTURES	CU YD	148.8
50300280	CONCRETE ENCASEMENT	CU YD	8.4
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	5391
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	12800
* 50901050	STEEL RAILING, TYPE SM	FOOT	360
51201400	FURNISHING STEEL PILES HP10X42	FOOT	290
51201700	FURNISHING STEEL PILES HP12X74	FOOT	438
51202305	DRIVING PILES	FOOT	290
51203400	TEST PILE STEEL HP10X42	EACH	2
51500100	NAME PLATES	EACH	1
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	62
54215559	METAL END SECTIONS 24"	EACH	2
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	616
58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	1797
58100100	GEOCOMPOSITE WALL DRAIN	SQ YD	60
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	125
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	50
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	3
63200305	STEEL PLATE BEAM GUARD RAIL REMOVAL	FOOT	1298
* 63300725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	25
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	8
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	132
70300625	TEMPORARY PAINT PAVEMENT MARKING LINE 4"	FOOT	700
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	44
70400100	TEMPORARY CONCRETE BARRIER	FOOT	50
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	5000
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	28
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	4
* 78200400	GUARDRAIL REFLECTORS	EACH	26
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
X0323988	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	825
X5020501	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 1	EACH	1
X5020502	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 2	EACH	1
Z0062000	SAW CUTTING	FOOT	40
Z0065000	SETTING PILES IN ROCK	EACH	12
Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1

* SPECIALTY ITEMS

UTILITIES

TELEPHONE: CONSOLIDATED COMMUNICATION
121 SOUTH 17TH STREET
MATTOON, ILLINOIS 61938
217-234-9979

POWER: SHELBY ELECTRIC CO-OP
NORTH RT. 128
SHELBYVILLE, ILLINOIS 62565
217-774-3986

RATES OF APPLICATION

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES.

BITUMINOUS MATERIALS (PRIME COAT) = 0.30 GAL/SQ.YD. Aggregate

BITUMINOUS MATERIALS (PRIME COAT) = 0.10 GAL/SQ.YD Bituminous

AGGREGATE (PRIME COAT) = 6.0 LBS/SQ.YD.

HOT MIX ASPHALT = 112 LBS/SQ.YD.

AGGREGATE SHOULDERS = 2.10 TONS/CU.YD.

AGGREGATE SURFACE COURSE = 2.05 TONS/CU.YD.

AGGREGATE BASE COURSE TYPE A = 2.10 TONS/CU.YD.

FERTILIZER NUTRIENT = 90.0 POUNDS OF NUTRIENT / ACRE

MULCH, METHOD 2 = 2.0 TON / ACRE

PERMANENT SEEDING CLASS 2 MIX = 200 POUND / ACRE

TEMPORARY EROSION SEEDING = 200.0 POUND / ACRE

STONE RIP-RAP CLASS A-4 = 0.67 TON/SQ.YD.

SHELBY COUNTY HIGHWAY DEPARTMENT

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