

SUMMARY OF QUANTITIES			
		CONSTRUCTION CODE X080-2A	
CODE NO	ITEM	UNIT	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	90
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	24
20200100	EARTH EXCAVATION	CU YD	170
20300100	CHANNEL EXCAVATION	CU YD	265
20400800	FURNISHED EXCAVATION	CU YD	105
> 25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.4
28000300	TEMPORARY DITCH CHECKS	EACH	4
28000400	PERIMETER EROSION BARRIER	FOOT	600
> 28100207	STONE RIPRAP, CLASS A4	TON	330
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	380
> 50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	25.5
50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ FT	2,538
50800105	REINFORCEMENT BARS	POUND	3,630
50900205	STEEL RAILING, TYPE S1	FOOT	184
51201400	FURNISHING STEEL PILES HP10X42	FOOT	360
51202305	DRIVING PILES	FOOT	360
51203400	TEST PILE STEEL HP10X42	EACH	1
50300280	CONCRETE ENCASEMENT	CU YD	5.8
51500100	NAME PLATES	EACH	1
> 542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FEET	52
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	4
> 67100100	MOBILIZATION	L SUM	1

SEE SPECIAL PROVISIONS

GENERAL NOTES

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007," THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.

ALL CLEARING AND GRUBBING AND REMOVAL OF EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. THE REMOVAL OF THE EXISTING BITUMINOUS SURFACE WILL BE PAID FOR AS EARTH EXCAVATION. ALL BITUMINOUS MATERIAL SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR IN A METHOD APPROVED BY THE ENGINEER. PROPER DISPOSAL OF BITUMINOUS MATERIAL SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE LOCATIONS OF EXISTING GAS MAINS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THE LOCATIONS ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE INDIVIDUAL UTILITY COMPANIES AND BY FIELD INSPECTION.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

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

AGGREGATE SURFACE COURSE	2.05 TON/CU YD
STONE RIPRAP, CLASS A4	1.75 TON/CU YD

THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT-OF-WAY AS DIRECTED BY THE ENGINEER.

SEEDING, CLASS 2 (SPECIAL) = 0.4 ACRES

TREES WITHIN THE RIGHT-OF-WAY WHICH INTERFERE WITH CONSTRUCTION SHALL BE REMOVED ONLY AT THE DIRECTION OF THE ENGINEER.

EARTHWORK SCHEDULE						
LOCATION	EARTH EXCAVATION (CU YD)	SHRINKAGE FACTOR	PERCENT USED	AVAILABLE* EXCAVATION (CU YD)	EMBANKMENT REQUIRED (CU YD)	EARTHWORK BALANCE (CU YD)
STA. 6+50 TO STA. 9+47.27	99	25%	100%	74	130	-56
STA. 9+47.27 TO STA. 10+42.73	-	25%	100%	-	-	-
STA. 10+42.73 TO STA. 12+50	69	25%	100%	52	214	-163
CHANNEL EXCAVATION	265	25%	70%	139		139
ENTRANCES					23	-23
TOTAL	168			265	368	-103
USE:	170			-		105

* AVAILABLE EXCAVATION = EXC. x (1-SHRINKAGE FACTOR) x % USED (FURN EXC)

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS

HLR

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ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-72-0015-1 DATE: 07/12/06
DESIGNED: T.P.L. CHECKED: S.W.M. DRAWN: D.T.M.

**SUMMARY OF QUANTITIES
AND GENERAL NOTES**
JONATHAN CREEK ROAD DISTRICT
SECTION 03-03127-00-BR
MOULTRIE COUNTY