

SUMMARY OF QUANTITIES

CODE NO.	ITEM	CONSTRUCTION CODE 0011	
		UNIT	TOTAL QUANTITY
20100500	TREE REMOVAL ACRES	ACRE	0.2
20200100	EARTH EXCAVATION	CU YD	567
20300100	CHANNEL EXCAVATION	CU YD	110
28000305	TEMPORARY DITCH CHECKS	FOOT	48
28000500	INLET AND PIPE PROTECTION	EACH	1
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	525
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	24.4
50300280	CONCRETE ENCASEMENT	CU YD	2.8
50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ FT	1224
50800105	REINFORCEMENT BARS	POUND	2460
Δ 50900205	STEEL RAILING, TYPE S1	FOOT	102
51201400	FURNISHING STEEL PILES HP10X42	FOOT	365
51202305	DRIVING PILES	FOOT	365
51203400	TEST PILE STEEL HP10X42	EACH	1
51500100	NAME PLATES	EACH	1
542A0235	PIPE CULVERTS, CLASS A, TYPE 130"	FOOT	32
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	2
67100100	MOBILIZATION	L SUM	1
Δ 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
^ X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.5
^ X2810208	STONE RIPRAP, CLASS A4 (SPECIAL)	TON	380
^ X2830495	AGGREGATE DITCH (SPECIAL)	TON	39

^ SEE SPECIAL PROVISIONS

Δ SPECIALTY ITEMS

EROSION CONTROL SCHEDULE

LOCATION	TEMPORARY DITCH CHECKS	INLET AND PIPE PROTECTION
	FOOT	EACH
RT. STA 8+75	12	
RT. STA 9+00	12	
LT. STA 8+75	12	
LT. STA 9+00	12	
LT. STA 11+64		1
TOTAL	48	1

GENERAL NOTES

- CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2012", (HEREIN AFTER REFERRED TO AS THE STANDARD SPECIFICATIONS); THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2012; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE DETAILS IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE DOCUMENTS.
- CLEARING AND GRUBBING AND REMOVAL OF EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF 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 DRAINAGE STRUCTURES, TELEPHONE LINES, ELECTRIC LINES, WATER SERVICE LINES, GAS MAINS, AND OTHER UTILITY FACILITIES AS SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATIONS 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 CONTRACTOR SHALL CONSULT THE ENGINEER IN REGARD TO THE EXACT LENGTH OF PIPE CULVERTS AND PIPE DRAINS BEFORE ORDERING THESE ITEMS.
- THE REVISION NUMBER INDICATED FOR THE STANDARDS LISTED IN THE INDEX SHEETS SHALL BE USED IN THE CONSTRUCTION OF THIS SECTION.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES  
 AGGREGATE SURFACE COURSE 2.05 TON/CU.YD.  
 STONE RIPRAP 1.75 TON/CU.YD.
- ALL DISTURBED TURF AREAS SHALL BE STABILIZED WITH SEED ACCORDING TO THE STANDARD SPECIFICATIONS, SECTION 250  
**ESTIMATED QUANTITY = 0.50 ACRES**
- TREES WITHIN THE RIGHT-OF-WAY WHICH INTERFERE WITH CONSTRUCTION SHALL BE REMOVED ONLY AT THE DIRECTION OF THE ENGINEER. THE AREA DESIGNATED FOR REMOVAL SHALL BE MARKED AND MEASURED FOR PAYMENT BY THE ENGINEER BEFORE REMOVAL.  
**ESTIMATED QUANTITY = 0.20 ACRES**

EARTHWORK SUMMARY

LOCATION	EARTH EXCAVATION	CHANNEL EXCAVATION	SHRINKAGE FACTOR	% USED	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT REQUIRED	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CUBIC YARD	CUBIC YARD			CUBIC YARD	CUBIC YARD	CUBIC YARD
TR 355 / KNEFF CEMETERY LANE							
STA 7+00 TO STA 9+63.79	412		25.00%	100.00%	309	115	194
STA 9+63.79 TO STA 10+16.21	0		25.00%	100.00%	0	0	0
STA 10+16.21 TO STA 11+80	119		25.00%	100.00%	89	141	-52
MAPLE ROAD							
STA 98+75 TO STA 99+80	36		25.00%	100.00%	27	17	10
CHANNEL EXCAVATION		110	25.00%	70.00%	58	0	58
	567	110			483	273	210

WASTE 210 CU.YD.