

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	UNIT	TOTAL
			CONSTRUCTION TYPE CODE 0011
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	14
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	18
20200100	EARTH EXCAVATION	CU YD	55
20300100	CHANNEL EXCAVATION	CU YD	245
A 20400800	FURNISHED EXCAVATION	CU YD	30
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	40
28000400	PERIMETER EROSION BARRIER	FOOT	350
A 28100107	STONE RIPRAP, CLASS A4	SQ YD	215
28200200	FILTER FABRIC	SQ YD	215
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	130
A 50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	25.4
A 50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	1971
50800105	REINFORCEMENT BARS	POUND	2740
* 50900205	STEEL RAILING, TYPE S1	FOOT	143
51200957	FURNISHING METAL SHELL PILES 12" x 0.25"	FOOT	270
51202305	DRIVING PILES	FOOT	270
51203200	TEST PILE METAL SHELL	EACH	1
51500100	NAME PLATES	EACH	1
60103600	PIPE DRAINS, CORRUGATED STEEL 15"	FOOT	10
67100100	MOBILIZATION	L SUM	1
A 70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
A X2070302	POROUS GRANULAR EMBANKMENT, SPECIAL	TON	120
A X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.3
A Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	90

A SEE SPECIAL PROVISIONS * SPECIALTY ITEM

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2012." THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- THE REVISION NUMBERS OF THE STANDARDS LISTED IN THE PLANS ARE TO BE USED FOR CONSTRUCTING THIS SECTION.
- ALL CLEARING AND GRUBBING, FENCE REMOVAL AND REMOVAL OF EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- THE LOCATION OF EXISTING GAS MAINS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL 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 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
 STONE BEDDING 1.80 TON/CU YD
 POROUS GRANULAR EMBANKMENT 2.00 TON/CU YD
- THE AREA TO BE SEEDDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER.
 ESTIMATED QUANTITY: SEEDING, CLASS 2 (SPECIAL) = 0.2 ACRES

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	CHANNEL EXCAVATION	SHRINKAGE FACTOR	PERCENT USED	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT REQUIRED	EARTHWORK BALANCE
	20200100	20300100					
	CU YD.	CU YD.			CU YD	CU YD	CU YD.
TR 248A/3000 E RD							
STA 9+00 TO STA 9+69.83	32		25.00%	100.00%	24	91	-67
STA 9+69.83 TO STA 10+44.17	0		25.00%	100.00%	0	40	-40
STA 10+44.17 TO STA 11+00	19		25.00%	100.00%	14	63	-49
CHANNEL EXCAVATION		245	25.00%	70.00%	129		129
ENTRANCE EMBANKMENT							0
TOTAL	51	245			167	194	-27
USE	55	245					-30

FURNISHED EXCAVATION 30 CU YDS

* 10-1103-03-BR/10-06124-00-BR