

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	UNIT	TOTAL
			CONSTRUCTION TYPE CODE 0011
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	34
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	36
20200100	EARTH EXCAVATION	CU YD	230
20300100	CHANNEL EXCAVATION	CU YD	335
20400800	FURNISHED EXCAVATION	CU YD	1225
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	220
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	580
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	24.0
50300280	CONCRETE ENCASEMENT	CU YD	2.8
50400305	PRECAST PRESTRESSED CONCRETE DECK BEAMS (17" DEPTH)	SQ FT	1288
50800105	REINFORCEMENT BARS	POUND	2520
* 50900205	STEEL RAILING, TYPE S1	FOOT	91
51201400	FURNISHING STEEL PILES HP10X42	FOOT	175
51202305	DRIVING PILES	FOOT	175
51203400	TEST PILES STEEL HP10X42	EACH	1
51500100	NAME PLATES	EACH	1
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	36
67100100	MOBILIZATION	L SUM	1
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
^ X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.5

^ SEE SPECIAL PROVISIONS

* SPECIALTY ITEMS

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.
- ALL CLEARING AND GRUBBING AND REMOVAL OF EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN CONTRACT. THE REMOVAL OF THE EXISTING AGGREGATE BASE COURSE AND A-3 SURFACE WILL BE PAID FOR AS EARTH EXCAVATION. ALL BITUMINOUS MATERIAL SHALL BE PROPERLY DISPOSED OF AS APPROVED BY THE ENGINEER.
- THE LOCATIONS OF EXISTING 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
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS UNTIL THE OWNER, HIS AGENT, PROFESSIONAL LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE REVISION NUMBER INDICATED FOR THE STANDARDS LISTED IN THE INDEX OF 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 DUMPED RIPRAP, CLASS A4	1.75 TON/CU YD
- THE AREA TO BE SEEDED SHALL CONSIST OF ALL EARTH SURFACES DISTURBED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER.
ESTIMATED QUANTITY: SEEDING, CLASS 2 (SPECIAL) = 0.5 ACRES

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	CHANNEL EXCAVATION	SHRINKAGE FACTOR	PERCENT USED	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT REQUIRED	EARTHWORK BALANCE
	20200100 CU.YD.	20300100 CU.YD.			CU.YD.	CU.YD.	CU.YD.
TR 266							
STA 7+97 TO STA 9+76.33	144		25.00%	100.00%	108	557	-449
STA 9+76.33 TO STA 10+23.67	0		25.00%	100.00%	0	0	0
STA 10+23.67 TO STA 13+75	85		25.00%	100.00%	64	994	-930
CHANNEL EXCAVATION		335	25.00%	70.00%	176	0	176
ENTRANCE						20	-20
TOTAL	229	335			348	1571	-1223
USE	230	335					1225

20400800 FURNISHED EXCAVATION = 1225 CU YDS

ROADWAY SCHEDULE

LOCATION	AGGREGATE SURFACE COURSE TYPE B
	40200800 8" TON
TR 266	
STA 7+97 TO STA 9+76.33	200
STA 10+23.67 TO STA 13+75	347
P.E. 8+96	32
TOTAL	579
USE	580

TREE REMOVAL

LOCATION	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)
	20100110	20100210
18.23' RT. STA 9+78.76		36
24.36' RT STA 10+26.67	6	
27.34' RT STA 10+26.95	8	
27.34' RT STA 10+26.95	12	
28.34' RT STA 10+30.27	8	
TOTAL	34	36