

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	CONSTRUCTION TYPE CODE X081-2A	
		UNIT	TOTAL
20100500	TREE REMOVAL, ACRES	ACRE	0.2
20200100	EARTH EXCAVATION	CU YD	95
20300100	CHANNEL EXCAVATION	CU YD	185
20400800	FURNISHED EXCAVATION	CU YD	30
25000200	SEEDING, CLASS 2	ACRE	0.2
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	18
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	18
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	18
25100115	MULCH, METHOD 2	ACRE	0.2
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	40
28000305	TEMPORARY DITCH CHECKS	FOOT	30
28100207	STONE RIPRAP, CLASS A4	TON	270
28102600	STONE RIPRAP DITCH	TON	60
28200200	FILTER FABRIC	SQ YD	275
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	200
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	29.6
50300280	CONCRETE ENCASEMENT	CU YD	14.0
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	1,680
50800105	REINFORCEMENT BARS	POUND	3,020
50900205	STEEL RAILING, TYPE S1	FOOT	140
51201600	FURNISHING STEEL PILES HP12X53	FOOT	204
51500100	NAME PLATES	EACH	1
67100100	MOBILIZATION	L SUM	1
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
Z0065000	SETTING PILES IN ROCK	EACH	8

^ SEE SPECIAL PROVISIONS
* SPECIALTY ITEMS

HORIZONTAL ALIGNMENT		
LOCATION	NORTHING	EASTING
P.O.T. STA 5+75.84	981,896.2580	802,384.8730
P.O.T. STA 15+24.90	981,906.6390	803,333.8810

STONE RIPRAP DITCH	
LOCATION	28102600 TON
TR 231	
LT. STA 8+25 TO LT. STA 9+25	56.90
TOTAL	56.90
USE	60

TREE REMOVAL ACRES	
LOCATION	ACRE
TR 231	
RT. STA 9+03.00 TO RT. STA 9+48.00	0.04
LT. STA 9+10.00 TO LT. STA 9+90.00	0.06
RT. STA 10+16.00 TO RT. STA 11+00.00	0.06
LT. STA 10+42.00 TO LT. STA 10+77.00	0.02
TOTAL	0.18
USE	0.20

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, FENCE REMOVAL 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 LOCATION 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 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, CLASS A4	1.75 TON/CU YD
STONE RIPRAP DITCH	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 = 0.2 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.

EARTHWORK SCHEDULE							
LOCATION	EARTH EXCAVATION	CHANNEL EXCAVATION	SHRINKAGE FACTOR	PERCENT USED	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT REQUIRED	EARTHWORK BALANCE
	CU.YD.	CU.YD.			CU.YD.	CU.YD.	CU.YD.
TR 231							
STA 8+25.00 TO STA 9+76.19	73		25.00%	100.00%	55	169	-114
STA 10+47.82 TO STA 11+00.00	22		25.00%	100.00%	17	27	-11
CHANNEL EXCAVATION		185	25.00%	70.00%	97	0	97
TOTAL	95	185			169	196	-28
USE	95						30

FURNISHED EXCAVATION = 30 CU YDS

ROADWAY SCHEDULE	
LOCATION	AGGREGATE SURFACE COURSE TYPE B, (8")
	40200800 TON
TR 231	
STA 8+25.00 TO STA 9+76.19	149
STA 10+47.82 TO STA 11+00.00	46
TOTAL	195
USE	200

SEEDING TABLE	
LOCATION	SEEDING, CLASS 2
	25000200 ACRE
TR 231	
STA 8+25 TO STA 9+76.19	0.14
STA 10+47.82 TO STA 11+00	0.05
TOTAL	0.19
USE	0.20