

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	CONSTRUCTION CODE X028-2A	
		UNIT	TOTAL
20200100	EARTH EXCAVATION	CU YD	35
20400800	FURNISHED EXCAVATION	CU YD	25
20700110	POROUS GRANULAR EMBANKMENT	TON	370
A 20900210	POROUS GRANULAR BACKFILL, SPECIAL	CU YD	57
A 25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.1
A 28101500	RIPRAP, SPECIAL	SQ YD	92
35101400	AGGREGATE BASE COURSE, TYPE B	TON	95
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	90
40300300	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	GALLON	240
40300500	COVER COAT AGGREGATE	TON	4
40300600	SEAL COAT AGGREGATE	TON	2
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	30400
* 50900205	STEEL RAILING, TYPE S1	FOOT	58
51500100	NAME PLATES	EACH	1
54003000	CONCRETE BOX CULVERTS	CU YD	114.1
67100100	MOBILIZATION	L SUM	1
A 70103700	TRAFFIC CONTROL COMPLETE	L SUM	1

A SEE SPECIAL PROVISIONS

* SPECIALTY ITEMS

EARTHWORK SCHEDULE							
LOCATION	EARTH EXCAVATION	CHANNEL EXCAVATION	SHRINKAGE FACTOR	PERCENT USED	EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT REQUIRED	EARTHWORK BALANCE
	CU.YD.	CU.YD.			CU.YD.	CU.YD.	CU.YD.
TR 58							
STA 9+50 TO STA 10+50	35		25.00%	100.00%	26	48	-22
CHANNEL EXCAVATION		0	25.00%	70.00%	0		0
TOTAL	35	0			26	48	-22
TOTAL USE	35						25

FURNISHED EXCAVATION = 25 CU YDS

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 PAVEMENT 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 FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES.

RIPRAP, SPECIAL	1.75 TON/CU YD
AGGREGATE BASE COURSE, TYPE B	2.05 TON/CU YD
POROUS GRANULAR EMBANKMENT	2.00 TON/CU YD
BITUMINOUS MATERIALS	0.4 GALS/SQ YD
AGGREGATE COAT	20 POUNDS/SQ YD
- THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE R.O.W. AS DIRECTED BY THE ENGINEER.

SEEDING, CLASS 2 (SPECIAL) = 0.1 ACRES
- ALL EXCESS MATERIAL FROM EXCAVATION REQUIRED TO CONSTRUCT THE CULVERT SHALL BE WASTED BY THE CONTRACTOR.

ROADWAY SCHEDULE					
LOCATION	AGGREGATE BASE COURSE TYPE B, (8")	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (COVER AND SEAL COAT)	COVER COAT AGGREGATE	SEAL COAT AGGREGATE
	35101400 TON	40300100 GALLON	40300300 GALLON	40300500 TON	40300600 TON
TR 58					
STA 9+50 TO STA 10+50	91	89	240	4	2
TOTAL	91	89	240	4	2
USE	95	90	240	4	2

SEEDING SCHEDULE	
LOCATION	SEEDING, CLASS 2 (SPECIAL) 25001000
	ACRE
TR 58	
STA 9+25 TO STA 10+00	0.07
STA 10+00 TO STA 10+50	0.04
TOTAL PROJECT	0.11
USE	0.10

HORIZONTAL ALIGNMENT		
LOCATION	NORTHING	EASTING
P.O.T. STA 4+50.00	1,173,744.168	1,125,632.561
P.O.T. STA 15+50.34	1,174,825.425	1,125,836.621