

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	CONSTRUCTION CODE 0011	
		UNIT	TOTAL
20200100	EARTH EXCAVATION	CU YD	85
20300100	CHANNEL EXCAVATION	CU YD	170
20400800	FURNISHED EXCAVATION	CU YD	220
20700110	POROUS GRANULAR EMBANKMENT	TON	90
28000400	PERIMETER EROSION BARRIER	FOOT	250
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	634
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	32.7
50300255	CONCRETE SUPERSTRUCTURE	CU YD	67.1
50300280	CONCRETE ENCASEMENT	CU YD	10.2
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	22,840
* 50900205	STEEL RAILING, TYPE S1	FOOT	116
51201400	FURNISHING STEEL PILES HP10X42	FOOT	685
51202305	DRIVING PILES	FOOT	685
51203400	TEST PILE STEEL HP10X42	EACH	2
51500100	NAME PLATES	EACH	1
^ 542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	432
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	32
* 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	4
67100100	MOBILIZATION	L SUM	1
^ 70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
* ^ LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	4
^ X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.3
^ X2810208	STONE RIPRAP, CLASS A4 (SPECIAL)	TON	200
^ Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	106

^ SEE SPECIAL PROVISIONS

* SPECIALTY ITEMS

PERIMETER EROSION BARRIER	
	28000400
	FOOT
TR 25	
LT. STA 9+00 TO STA 9+50	50
RT. STA 9+00 TO STA 9+50	50
LT. STA 10+25 TO STA 11+00	75
RT. STA 10+25 TO STA 11+00	75
TOTAL	250

SEEDING TABLE	
	CLASS 2 (SPECIAL)
	X2501000
	ACRE
TR 25	
STA 8+00 TO STA 9+73.75	0.16
STA 10+28.25 TO STA 12+00	0.15
TOTAL	0.3
USE	0.3

ROADWAY SCHEDULE	
	AGGREGATE SURFACE COURSE, TYPE B
	40200800
	TON
TR 25	
STA. 8+00 TO STA. 9+73.75	261
STA. 10+28.25 TO STA. 12+00	259
ENTRANCES	114
TOTAL	634
USE	635

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, 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 MARKERS 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, TYPE B	2.05 TON/CU YD
POROUS GRANULAR EMBANKMENT	2.00 TON/CU YD
- THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE R.O.W. AS DIRECTED BY THE ENGINEER.
- THE TOP SURFACE OF THE DECK SHALL BE SCREEDED WITH A STRAIGHT EDGE AND THEN FINISHED WITH A WOODEN HAND FLOAT. FURTHER FINISHING SHALL BE DELAYED UNTIL THE WATER SHEEN APPEARS, BUT NOT TO THE POINT OF RENDERING FURTHER MANIPULATION INEFFECTIVE. THE SURFACE THEN SHALL BE ROUGHENED WITH A SUITABLE STIFF-BRISTLED BROOM OR WIRE BRUSH DRAWN IN TRANSVERSE DIRECTION REMOVING ANY LANTANCE PRESENT AND BREAKING UP THE WATER SHEEN. THE CORRUGATIONS FORMED SHALL BE UNIFORM IN APPEARANCE AND IN NO CASE MORE THAN 1/4 INCH IN DEPTH.
- THE REVISION NUMBER INDICATED FOR THE STANDARDS LISTED IN THE INDEX SHEETS SHALL BE USED IN THE CONSTRUCTION OF THIS SECTION.

EARTHWORK SCHEDULE							
LOCATION	EARTH EXCAVATION 20200100 CU.YD.	CHANNEL EXCAVATION 20300100 CU.YD.	SHRINKAGE FACTOR	PERCENT USED	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE CU.YD.	EMBANKMENT REQUIRED CU.YD.	EARTHWORK BALANCE CU.YD.
TR 25							
STA 8+00 TO STA 9+73.75	39		25.00%	100.00%	29	217	-188
STA 10+28.25 TO STA 12+00	46		25.00%	100.00%	35	154	-119
CHANNEL EXCAVATION		170	25.00%	70.00%	89	0	89
TOTAL	85	170			153	371	-218
USE	85	170					-220

FURNISHED EXCAVATION = 220 CU YDS

GUARDRAIL SCHEDULE			
	TRAFFIC BARRIER TERMINAL, TYPE 1	TRAFFIC BARRIER TERMINAL, TYPE 5A	TERMINAL MARKER - DIRECT APPLIED
	LR631020	63100075	78201000
	EACH	EACH	EACH
TR 25			
18' LT. STA. 9+33.92 TO 14' LT. STA. 9+72.17	1	1	1
18' RT. STA. 9+33.92 TO STA. 9+72.17	1	1	1
18' LT. STA. 10+29.83 TO STA. 10+68.08	1	1	1
18' RT. STA. 10+29.83 TO 14' RT. STA. 10+68.08	1	1	1
TOTAL	4	4	4