

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	CONSTRUCTION CODE	
		UNIT	TOTAL
20200100	EARTH EXCAVATION	CU YD	135
20300100	CHANNEL EXCAVATION	CU YD	250
20400800	FURNISHED EXCAVATION	CU YD	45
20700110	POROUS GRANULAR EMBANKMENT	TON	89
28000400	PERIMETER EROSION BARRIER	FOOT	240
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	330
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	34.4
50300255	CONCRETE SUPERSTRUCTURE	CU YD	79.3
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	34,160
* 50900205	STEEL RAILING, TYPE S1	FOOT	137
51200700	FURNISHING PRECAST CONCRETE PILES 14"	FOOT	555
51202305	DRIVING PILES	FOOT	555
51203000	TEST PILES PRECAST CONCRETE	EACH	2
51500100	NAME PLATES	EACH	1
^ 542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	100
^ 542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	190
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	40
^ 60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	90
* 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	0.1
^ X2810208	STONE RIPRAP, CLASS A4 (SPECIAL)	TON	240
^ Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	120

^ SEE SPECIAL PROVISIONS
* SPECIALTY ITEMS

PERIMETER EROSION BARRIER	
	28000400
	FOOT
TR 221A	
LT. STA. 8+50.00 TO LT. STA. 9+50.00	100
LT. STA. 10+10.00 TO LT. STA. 11+50.00	140
TOTAL	240

SEEDING TABLE	
	CLASS 2 (SPECIAL)
	X2501000
	ACRE
TR 221A	
STA. 8+50.00 TO STA. 9+68.97	0.05
STA. 10+33.03 TO STA. 11+50.00	0.05
TOTAL	0.1
USE	0.1

ROADWAY SCHEDULE	
	AGGREGATE SURFACE COURSE, TYPE B
	40200800
	TON
TR 221A	
STA. 8+50.00 TO STA. 9+68.97	163
STA. 10+33.03 TO STA. 11+50.00	160
TOTAL	323
USE	330

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 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 LAITANCE 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	CHANNEL EXCAVATION	SHRINKAGE FACTOR	PERCENT USED	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT REQUIRED	EARTHWORK BALANCE
	20200100	20300100			CU.YD.	CU.YD.	CU.YD.
TR 221A							
STA 8+50 TO STA 9+85	85		25.00%	100.00%	64	135	-71
STA 10+15 TO STA 11+50	48		25.00%	100.00%	36	138	-102
CHANNEL EXCAVATION ENTRANCE		250	25.00%	70.00%	131	0	131
TOTAL	133	250			231	273	-42
USE	135						-45

FURNISHED EXCAVATION = 45 CU YDS

GUARDRAIL SCHEDULE			
LOCATION	TRAFFIC BARRIER TERMINAL, TYPE 1	TRAFFIC BARRIER TERMINAL, TYPE 5A	TERMINAL MARKER - DIRECT APPLIED
	LR631020	63100075	78201000
	EACH	EACH	EACH
TR 221A			
LT. STA. 9+20.92 TO LT. STA. 9+59.17	1	1	1
RT. STA. 9+40.53 TO RT. STA. 9+78.78	1	1	1
LT. STA. 10+23.22 TO LT. STA. 10+61.47	1	1	1
LT. STA. 10+42.83 TO LT. STA. 10+81.08	1	1	1
TOTAL	4	4	4