

**SUMMARY OF QUANTITIES**

**GENERAL NOTES**

ITEM NO.	ITEM	CONSTRUCTION TYPE CODE 0010			
		UNIT	TOTAL	CULVERT	ROADWAY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	6	0	6
20200100	EARTH EXCAVATION	CU YD	370	0	370
20700110	POROUS GRANULAR EMBANKMENT	TON	192	192	0
20900110	POROUS GRANULAR BACKFILL	CU YD	31	31	0
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	115	115	0
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	220	0	220
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1	0
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	20,230	20,230	0
51500100	NAME PLATES	EACH	1	1	0
54003000	CONCRETE BOX CULVERTS	CU YD	81.5	81.5	0
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	79	79	0
67100100	MOBILIZATION	L SUM	1	0	0
X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	79	79	0
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0	0
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.2	0	0.2

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2022", THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- ALL CLEARING AND GRUBBING, FENCE REMOVAL, STUMP REMOVAL, AND REMOVAL OF EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. THE REMOVAL AND DISPOSAL OF EXISTING AGGREGATE PAVEMENT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, TELEPHONE LINES, ELECTRIC LINES, WATER SERVICE LINES, GAS MAINS, AND OTHER UTILITY FACILITIES AS SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATIONS 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 FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES  
 AGGREGATE SURFACE COURSE: 2.05 TON/CU.YD.  
 STONE RIPRAP 1.75 TON/CU.YD.  
 POROUS GRANULAR EMBANKMENT 2.0 TON/CU.YD.
- THE AREA TO BE SEEDED SHALL CONSIST OF ALL EARTH SURFACES WITHIN THE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. ESTIMATED QUANTITY: SEEDING, CLASS 2(SPECIAL) = 0.2 ACRES
- COMMITMENTS: NONE

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TREE REMOVAL SCHEDULE		
LOCATION		TREE REMOVAL (6 TO 15 UNITS DIAMETER)
STATION	OFFSET	UNIT
10+27	28 LT.	6
TOTAL		6

EARTHWORK SUMMARY							
LOCATION	EARTH EXCAVATION	* MISC. EXCAVATION	SHRINKAGE FACTOR	% USED	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE( 25%)	EMBANKMENT REQUIRED	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CUBIC YARD	CUBIC YARD			CUBIC YARD	CUBIC YARD	CUBIC YARD
TR 259							
STA. 8+75 TO STA. 9+89.08	167		25.00%	100.00%	125	0	125
STA. 9+89.08 TO STA. 10+10.92		79	25.00%	50.00%	30		30
STA. 10+10.92 TO STA. 11+75	201		25.00%	100.00%	151	9	142
EXCAVATION FROM PGE AND PGB		229	25.00%	50.00%	86		86
TOTAL	368	308			392	9	383
USE	370						385

ROADWAY SCHEDULE	
LOCATION	AGGREGATE SURFACE COURSE TYPE B
TR 259	TON
STA. 8+75 TO STA. 11+75 (8")	220
TOTAL	220