

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	24
20200100	EARTH EXCAVATION	CU YD	8,180
20300100	CHANNEL EXCAVATION	CU YD	140
21101625	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1,994
25100900	TURF REINFORCEMENT MAT	SQ YD	272
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	365
28000305	TEMPORARY DITCH CHECKS	FOOT	130
28000400	PERIMETER EROSION BARRIER	FOOT	113
28000500	INLET AND PIPE PROTECTION	EACH	1
28100105	STONE RIPRAP, CLASS A3	SQ YD	557
28100107	STONE RIPRAP, CLASS A4	SQ YD	471
28100109	STONE RIPRAP, CLASS A5	SQ YD	1,105
28200200	FILTER FABRIC	SQ YD	1,576
44000100	PAVEMENT REMOVAL	SQ YD	48
44201383	CLASS C PATCHES, TYPE IV, 12 INCH	SQ YD	199
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	50
*50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1
*50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1
*50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	4
*50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1
50102400	CONCRETE REMOVAL	CU YD	5.2
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2387
51100300	SLOPE WALL 6 INCH	SQ YD	120
51500100	NAME PLATES	EACH	1
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	4
54003000	CONCRETE BOX CULVERTS	CU YD	37.8
54010404	PRECAST CONCRETE BOX CULVERTS 4'x4'	FOOT	110.5
54010604	PRECAST CONCRETE BOX CULVERTS 6'x4'	FOOT	90
54021004	PRECAST CONCRETE BOX CULVERTS 10'x4'	FOOT	54
542D0213	PIPE CULVERTS, CLASS D, TYPE 1 8" (GALVANIZED AND COATED CMP)	FOOT	12
542D0215	PIPE CULVERTS, CLASS D, TYPE 1 10" (GALVANIZED AND COATED CMP)	FOOT	12
542A1081	PIPE CULVERTS, CLASS A (RCCP), TYPE 2, 36"	FOOT	90
542A1093	PIPE CULVERTS, CLASS A (RCCP), TYPE 2, 48"	FOOT	77
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	4
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	4
*67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	8
67100100	MOBILIZATION	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	460
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	172
*	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
*	NON-RESTRICTIVE FENCE	FOOT	44
*	SEEDING, MULCHING, AND FERTILIZING	ACRE	3.71
*	CONSTRUCTION STAKING	L SUM	1
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	207
*	WOOD INFORMATION SIGNS	SQ FT	30

\* INDICATES NON-STANDARD ITEM COVERED BY PLANS AND/OR SPECIAL PROVISION

GENERAL NOTES

- All elevations refer to N.G.V.D. (National Geodetic Vertical Datum).
- The Contractor shall furnish, erect, and when directed by the Engineer, completely remove two construction signs. The exact location of the signs shall be determined by the Engineer in the field.
- Reinforcement bars shall conform to the requirements of AASHTO M-31, or M-322 Grade 60.
- All construction joints shall be bonded unless otherwise noted.
- Class SI Concrete shall be used throughout. All exposed edges of concrete shall be beveled 3/4" unless otherwise shown in the plans.
- All lateral drainage that exists prior to construction shall be restored as shown on the plans and/or as directed by the Engineer. Unless otherwise specified, all costs of restoration shall be considered included with the Contract and no additional compensation will be allowed.
- All construction operations shall be contained within the easement area or work limits as indicated on the plans. It shall be the full responsibility of the Contractor to secure all rights of ingress and egress to said Right-of-Way including the satisfactory protection and restoration of property as required in Art. 107.20 and 107.23 of the Standard Specifications.
- The location, maintenance, removal, and restoration to original condition of all haul roads shall be approved by the Engineer and all cost shall be considered included in the Contract.
- The Contractor shall call J.U.L.I.E. (800-892-0123) for the location of existing utilities 48 hours prior to beginning construction.
- Prior to beginning work in the vicinity of the utilities, the Contractor shall contact the respective owners as shown on this sheet and shall schedule work so as not to interfere with any required adjustments.
- With the exception of those utilities designated on the plans to be adjusted by the Contractor, all existing utilities affected by the construction operations shall be adjusted by others. Utilities which do not require adjustment shall be protected and not disturbed. All costs of protection shall be considered included in the Contract, and no additional compensation will be allowed.
- All unsuitable material and excess excavation shall be disposed of at locations provided by the Contractor at his expense. The locations shall be inspected and approved by the Engineer.
- Channel excavation shall include the cost of removing and disposing of existing riprap, brick, block, rubble, etc.
- All open excavations are to be surrounded with a 4'-0" construction fence during non-working hours. The fence materials are to meet the approval of the Engineer. Cost of the fence shall be included in the contract.
- All dewatering costs shall be included in the contract.
- The Contractor shall notify the Village of Ashland and the Ashland Township concerning the closing of streets and shall conform to all requirements so specified without additional cost to the State.
- The Contractor shall submit his proposed method of maintaining channel flows, for approval by the Engineer, prior to beginning construction.
- Plan dimensions and details relative to the existing structures have been taken from existing plans and/or past surveys and reports, and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit bid price for the work.
- It is the intention of this Contract that disruption to traffic on Il Rte 125, 3 Mile Lane, Fremont St. and Cemetery Rd. is limited to the shortest reasonable time. At all times, either Fremont St. or Rte. 125 shall be completely open to traffic. Prior to starting work on either road, the Contractor shall submit to the Engineer for approval a satisfactory progress schedule in accordance with Article 108.02 of the Standard Specifications. A reasonable number of working days shall also be submitted for approval for each culvert.
- The Contractor shall notify IDOT District 6 Bureau of Operations at (217) 782-7314 14 days in advance of the IL. Route 125 road closure. This closure is restricted to 5 days.
- Prior to the beginning of work in the vicinity of the utilities, the Contractor shall contact the owners listed in the utility reference table and schedule work so as not to interfere with required adjustments.

REMOVAL OF EXISTING STRUCTURES

No.	Station	Type	Description	Each
1	Sta. 3+00±	Culvert	48" Dia. CMP with Reinforced Concrete Headwalls	1
2	Sta. 2+06±	Culvert	6'x4' Reinforced concrete Box Culvert	1
3	Sta. 21+95±	End Section	End Sections to be Removed From 36" RCP's	4
4	North Side Cemetery Rd.	Retaining Wall	Concrete Retaining Wall	1

PRECAST BOX CULVERT SCHEDULE (ASTM C1577)

Station	Size (Span x height)	Skew**	Design fill (Ft.)		PGE Backfill required
			Edge of shldr. (Min.)	Max.	
2+06.25 Fremont St.	Double 6' x 4'	6°	1.54'	1.7'	Yes
1047+96.17 IL. Rte. 125	Single 4' x 4'	45°	4.00'	4.18'	Yes
Three Mile Lane	Single 10' x 4'	0°	2.05'	2.36'	Yes

\*\* The skew is the angle between a perpendicular line to the box culvert and the centerline of the roadway

UTILITY REFERENCE TABLE

J.U.L.I.E.	Call 48 hours prior to construction	(800) 892-0123
Village of Ashland	Dave Handy, Village President Village of Ashland 101 Yates Street Ashland, Illinois 62612	(217) 476-3317
Ashland Township	Jim Mitchell, Ashland Road Commissioner	(217) 476-8820
Telephone	James Mansfield, Design Engineer Ameritech Engineering Division 529 S. Seventh St. Floor 3E Springfield, IL 62721	(217) 789-8669  Fax (217) 789-5100
Telephone	G. R. Mansfield, Plant Supervisor Cass County Telephone Co. #1 Redbud Road, P.O. Box 230 Virginia, IL 62691	(217) 452-3022  Fax (217) 452-7030
Electric	Gordon Tingley, Senior Transmission Engineer Central Illinois Public Service Division Office 104 East Third St. Beardstown, Illinois 62618	(217) 323-2173
Gas	Willard Bohlmann Central Illinois Public Service Division Office 104 East Third St. Beardstown, Illinois 62618	(217) 323-2173 EXT. 263
Water Sewer	Dave Troxel P.O. Box 170 Ashland, Illinois 62612	(217) 476-3381
Cable TV	No Facilities in the area	

SCHEDULE OF EARTHWORK

LOCATION	CHANNEL EXCAVATION (CU YD)	TOPSOIL EXCAVATION AND PLACEMENT (CU YD)	TOPSOIL PLACEMENT (NOT PAID FOR) (CU YD)	EARTH EXCAVATION (CU YD)
2+17 - 2+71				56
3+25 - 12+00		962	877	4,659
12+00 - 22+20		986	829	3,465
Fremont Street (Sheet 12)	10	18	15.5	
Cemetery Road (Sheet 14)	48	28	24	
Abandoned R.R. Crossing (Sht. 13)	82			
TOTAL	140	1,994	1,745.5	8,180