

PROPERTY OWNER ACCESS REQUIREMENT

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

GENERAL NOTES

- THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- EXCEPT AS NOTED IN THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- 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 OR AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION. AREAS TO BE SEEDDED SHALL BE DETERMINED BY THE ENGINEER AND SEEDDED AS SOON AS POSSIBLE.
- ALL SAW CUTS, NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS, SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE 1/2" UNLESS UNLESS OTHERWISE SPECIFIED IN A DETAIL SHOWN IN THE PLANS.
- UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT NOR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGE OF A CENTERLINE OR LANE LINE SHALL BE OFFSET A MINIMUM DISTANCE OF 2" FROM A LONGITUDINAL CRACK OR JOINT. EDGE LINES SHALL BE APPROXIMATELY 2" FROM THE EDGE LINE OF PAVEMENT. SEE SECTION 780 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- IN ADDITION TO THE FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT, AND NO COMPENSATION WILL BE ALLOWED.
- THE LOCATION OF ALL UTILITIES ARE BASED ON INFORMATION PROVIDED BY OTHERS AND IS INTENDED TO BE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE HIS CONSTRUCTION ACTIVITIES WITH THE VARIOUS UTILITY OWNERS. ALL POTENTIAL CONFLICTS SHALL BE INVESTIGATED AND REMEDIAL ACTION TAKEN PRIOR TO INTERRUPTION OF THE CONTRACTOR'S PROGRESS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 800-892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCE NOTICE IS REQUIRED.
- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM. ALL STATION AND OFFSET REFERENCES ARE TO THE ROADWAY CENTERLINE UNLESS OTHERWISE NOTED. THE STATE PLANE COORDINATE SYSTEM HAS BEEN USED FOR THE HORIZONTAL CONTROL.
- THE MENARD COUNTY ENGINEER SHALL BE NOTIFIED AT LEAST 21 DAYS PRIOR TO CLOSING THE ROAD TO TRAFFIC (PH: 217-632-2722).

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:

BITUMINOUS MATERIALS (PRIME COAT)	0.375 GAL/SQ.YD. (ON AGG)
HOT MIX ASPHALT SURFACE / BINDER	0.056 TON/SQ. YD. PER 1"
AGGREGATE MATERIAL	2.05 TON/CU. YD.
RIPRAP	1.5 TON/CU. YD.
NITROGEN FERTILIZER NUTRIENT	90 LBS./ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LBS./ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS./ACRE
AGGREGATE PRIME COAT	0.002 TON/SQ. YD.
AGRICULTURAL GROUND LIMESTONE	2.0 TON/ACRE

MIXTURE REQUIREMENTS

MIXTURE USE(S)	HOT MIX ASPHALT SURFACE COURSE, MIX "C", N50	HOT MIX ASPHALT BINDER COURSE
AC/PG	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50
MIXTURE COMPOSITION	IL 9.5 OR 12.5	IL 19.0
FRICTION AGGREGATE	MIX C	N/A

UTILITIES

MENARD RURAL WATER COOPERATIVE
MR. WAYNE E. JONES, MANAGER
P.O. BOX 86
PETERSBURG, ILLINOIS 62675
217-632-7746

MENARD ELECTRIC COOPERATIVE
MR. ALAN HORN
P.O. BOX 200
PETERSBURG, ILLINOIS 62675
217-632-7746

CASS CABLE TV, INC.
100 REDBUD ROAD
P.O. BOX 200
VIRGINIA, ILLINOIS 62691
217-452-7800

AMEREN CIPS
MR. JOHN BOZARTH, GAS ENGINEER
104 EAST 3RD STREET
BEARDSTOWN, ILLINOIS 62618

AT&T
MR. RICH WEINGAND
529 SOUTH 7TH STREET
FLOOR 3B
SPRINGFIELD, ILLINOIS 62721
217-789-8227

SUMMARY OF QUANTITIES

ITEM	UNIT	QUANTITY
20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	18
20200100 EARTH EXCAVATION	CU. YD.	9577
20400800 FURNISHED EXCAVATION	CU. YD.	2171
25001000 SEEDING, CLASS 2 (SPECIAL)	ACRE	5.2
28000250 TEMPORARY EROSION CONTROL SEEDING	POUND	520
28000300 TEMPORARY DITCH CHECKS	EACH	26
28000400 PERIMETER EROSION BARRIER	FOOT	6749
35100100 AGGREGATE BASE COURSE, TYPE A	TON	6396
40200100 AGGREGATE SURFACE COURSE, TYPE A	TON	346
40200800 AGGREGATE SURFACE COURSE, TYPE B	TON	288
40600100 BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3213
40600982 HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO. YD.	36
40603080 HOT MIX ASPHALT BINDER COURSE IL19.0 N50	TON	1561
40603310 HOT MIX ASPHALT SURFACE COURSE, MIX. C N50	TON	1037
44000100 PAVEMENT REMOVAL	SO. YD.	7627
48100100 AGGREGATE SHOULDERS TYPE A	TON	2360
50105220 PIPE CULVERT REMOVAL	FOOT	264
54001000 BOX CULVERT END SECTIONS	EACH	2
54020705 PRECAST CONCRETE BOX CULVERT 7' X 5' (M273)	FOOT	78
54200220 PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	150
54200223 PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	140
54200439 PIPE CULVERTS, TYPE 1 RCCP 24"	FOOT	56
54215550 METAL END SECTIONS 15"	EACH	6
54215553 METAL END SECTIONS 18"	EACH	4
54213669 PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2
63200310 GUARDRAIL REMOVAL	FOOT	400
66600105 FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	26
67100100 MOBILIZATION	L. SUM	1
70103700 TRAFFIC CONTROL COMPLETE	L. SUM	1
78001110 PAINT PAVEMENT MARKING - LINE 4"	FOOT	12130
XX000610 RELOCATE EXISTING MAILBOX	EACH	2
Z0022800 FENCE REMOVAL	FOOT	4643

* SEE SPECIAL PROVISIONS
Δ SPECIALTY ITEMS

CONSTRUCTION TYPE CODE: 1000-2A