

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

- 1.) 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.
- 2.) EXCEPT AS NOTED IN THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- 3.) 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.
- 4.) SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION. AREAS TO BE SEEDED SHALL BE DETERMINED BY THE ENGINEER AND SEEDED AS SOON AS POSSIBLE.
- 5.) 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 2" UNLESS OTHERWISE SPECIFIED IN A DETAIL SHOWN IN THE PLANS.
- 6.) 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.
- 7.) 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.
- 8.) 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.
- 9.) 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.
- 10.) 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 SEPERATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT, AND NO COMPENSATION WILL BE ALLOWED.
- 11.) 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.
- 12.) 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.
- 13.) 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.
- 14.) 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)	0.00038 TON/SQ.YD. (ON PAVEMENT)
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	HOT MIX ASPHALT BASE COURSE WIDENING
AC/PG	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50	4.0% @ N 50
MIXTURE COMPOSITION	IL 9.5 OR 12.5	IL 19.0	IL 19.0 OR 25.0
FRICTION AGGREGATE	MIX C	N/A	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.
MR. G.R. MANSFIELD
100 REDBUD ROAD
P.O. BOX 200
VIRGINIA, ILLINOIS 62691
217-452-7800

AMEREN ILLINOIS
MR. CHUCK STEINACHER, GAS ENGINEER
222 NORTH CHURCH STREET
VIRDEN, ILLINOIS 62690
217-741-6547


AT&T
MR. MARK MILLER
529 SOUTH 7TH STREET
FLOOR 3B
SPRINGFIELD, ILLINOIS 62721
217-789-8367

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	30
20100210	TREE REMOVAL (OVER 15 UNITS UNITS DIAMETER)	UNIT	54
20100500	TREE REMOVAL, ACRES	ACRE	2.4
20200100	EARTH EXCAVATION	CU YD	2403
20400800	FURNISHED EXCAVATION	CU YD	21046
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ. YD.	332
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	620
28000305	TEMPORARY DITCH CHECKS	FOOT	96
28000400	PERIMETER EROSION BARRIER	FOOT	7635
28300400	AGGREGATE DITCH	TON	531
35100100	AGGREGATE BASE COURSE, TYPE A	TON	2576
35600700	HOT-MIX ASPHALT BASE COURSE WIDENING, 6"	SQ YD	1104
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1202
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	5.50
40600300	AGGREGATE (PRIME COAT)	TON	29
40600982	HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	339
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	3379
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1690
44000100	PAVEMENT REMOVAL	SQ YD	1419
48100100	AGGREGATE SHOULDERS, TYPE A	TON	1141
50105220	PIPE CULVERT REMOVAL	FOOT	392
542A1081	PIPE CULVERTS, CLASS A, TYPE 2 36"	FOOT	86
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	140
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	214
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2
54215550	METAL END SECTIONS 15"	EACH	8
54215553	METAL END SECTIONS 18"	EACH	9
56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1
60100955	PIPE DRAINS 15"	FOOT	76
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1
60405800	GRATES AND COVERS, TYPE 2A	EACH	2
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	29.7
60602500	CONCRETE GUTTER, TYPE A	FOOT	3825
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	350
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)	EACH	2
63200310	GUARDRAIL REMOVAL	FOOT	394
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	37
67100100	MOBILIZATION	L SUM	1
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	16236
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	6.9
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	3936
X6060097	CLASS SI CONCRETE (OUTLET), SPECIAL	CU YD	6.6
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
XX000856	MAILBOX REMOVAL AND RELOCATION	EACH	10
XX005721	WATER METER TO BE ADJUSTED	EACH	4
XX006066	SIGN TO BE RELOCATED	EACH	2
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
Z0022800	FENCE REMOVAL	FOOT	2247
Z0041500	PLUG EXISTING CULVERTS	EACH	1
Z0077700	WOOD FENCE TO BE REMOVED AND RE-ERECTED	FOOT	46
Z0076000	TRAINNEES	HR	600

* SEE SPECIAL PROVISIONS
Δ SPECIALTY ITEMS

CONSTRUCTION TYPE CODE: 0004

FILE NAME: *P1155*	USER NAME:	DESIGNED:	REVISED:	 Allen Henderson & Associates, Inc. Civil and Structural Engineers Springfield, IL 62703 Phone: (217)544-8033 IL Design Firm No. 184-001907	GENERAL NOTES & SUMMARY OF QUANTITIES		F.A.S. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE:	DRAWN:	REVISED:		574	08-00056-03-PV	MENARD	52	2		
	PLOT DATE: *08/11/08*	CHECKED:	REVISED:		CONTRACT NO. 93558						
		DATE:	REVISED:		SCALE: NONE	STA. 13+55.00 TO STA. 52+50.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			