

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
20100500	TREE REMOVAL, ACRES	ACRE	0.75
20200100	EARTH EXCAVATION	CU YD	5,539
20800150	TRENCH BACKFILL	CU YD	34
25000200	SEEDING, CLASS 2	ACRE	3
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	270
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	270
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	270
25100115	MULCH, METHOD 2	ACRE	3
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	550
28000300	TEMPORARY DITCH CHECKS	EACH	23
28000400	PERIMETER EROSION BARRIER	FOOT	3,773
28000500	INLET AND PIPE PROTECTION	EACH	7
28100105	STONE RIPRAP, CLASS A3	SQ YD	18
28200200	FILTER FABRIC	SQ YD	18
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	5,383
30201500	LIME	TON	104
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	5,383
35100500	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	528
40603305	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	TON	31
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	14
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	4,374
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	14
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	7,897
42400800	DETECTABLE WARNINGS	SQ FT	48
44000100	PAVEMENT REMOVAL	SQ YD	577
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	374
44000300	CURB REMOVAL	FOOT	43

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
44000400	GUTTER REMOVAL	FOOT	221
48101200	AGGREGATE SHOULDERS, TYPE B	TON	36
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	5,623
54207171	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE - ELLIPTICAL, EQUIVALENT ROUND-SIZE 36"	FOOT	14
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	78
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2
60255500	MANHOLES TO BE ADJUSTED	EACH	2
60255600	MANHOLES TO BE ADJUSTED (SPECIAL)	EACH	2
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.24	FOOT	1,319
60618400	CONCRETE MEDIAN, TYPE C-4	SQ FT	1,074
67100100	MOBILIZATION	L SUM	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
72000100	SIGN PANEL - TYPE 1	SQ FT	24
72900200	METAL POST - TYPE B	FOOT	56
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	395
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	8
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	147
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	13,900
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	372
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	178
* 84200700	LIGHTING FOUNDATION REMOVAL	EACH	3
* 84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	3
* 87800300	CONCRETE FOUNDATION, TYPE E 24-INCH DIAMETER	FOOT	18
XX002012	RELOCATE SIGN, SPECIAL	EACH	1
XX005472	DRAINAGE STRUCTURE SPECIAL	EACH	4
X0320547	REMOVE AND REINSTALL END SECTION	EACH	1
X0323443	PRECAST MODULAR RETAINING WALL	SQ FT	185

* DENOTES SPECIALITY ITEM

GENERAL NOTES

- UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEIR LOCATIONS MUST BE CONSIDERED TO BE APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. ILLINOIS LAW REQUIRES A MINIMUM 48-HOUR NOTICE TO ALL UTILITY COMPANIES BEFORE DIGGING. FIELD LOCATIONS OF UNDERGROUND FACILITIES MAY BE OBTAINED BY CALLING THE J.U.L.I.E. SYSTEM AT 800-892-0123 AND PROVIDING 48 HOURS ADVANCE NOTICE. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED BELOW.
- ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER. ALL ROADSIDE OBJECTS (UTILITY POLES, FIRE HYDRANTS, SIGNS, ETC.) SHALL BE RELOCATED TO PROVIDE A MINIMUM OF 1.5 FEET CLEARANCE, MEASURED FROM THE FACE OF CURB TO THE NEAR EDGE OF THE OBJECT.
- THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. ALL ARE MEMBERS OF J.U.L.I.E., UNLESS NOTED OTHERWISE.

SUE OFFICE OF INFORMATION TECHNOLOGY (TELEPHONE & COMMUNICATIONS) PO BOX 1068 EDWARDSVILLE, IL 62026 FAX: (618) 650-3333	SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE (WATER, SEWER & GAS) CAMPUS BOX 1039 EDWARDSVILLE, IL 62026 FAX: (618) 650-2595
CHARTER COMMUNICATIONS (CABLE TV) 210 WEST DIVISION STREET MARYVILLE, IL 62062 (618) 345-8121	AT&T (TELEPHONE) 203 GOETHE STREET COLLINSVILLE, IL 62234 (618) 348-6400
AMEREN IP (GAS & ELECTRIC) 2600 NORTH CENTER MARYVILLE, IL 62062 (618) 346-1287	
- THE ABOVE INFORMATION REPRESENTS THE BEST INFORMATION AVAILABLE TO THE LOCAL AGENCY AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN PREPARING HIS/HER BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCE CAUSED BY SAME.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
- THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION.
- THE CONTRACTOR SHALL FERTILIZE, SEED AND MULCH ALL EARTH SURFACES WITHIN THE CONSTRUCTION LIMITS LINE SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE. SEE THE SEEDING SCHEDULE FOR ESTIMATED PLAN QUANTITIES.
- THE CONTRACTOR SHALL BENCH THE PROPOSED EMBANKMENT INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL CONTACT THE ENGINEER UPON COMPLETION OF THE SUBGRADE AND PRIOR TO THE LIME MODIFICATION PROCESS OR AGGREGATE BASE COURSE PLACEMENT TO DETERMINE THE NECESSITY OF THE PROPOSED SUBGRADE IMPROVEMENTS. IF THE SUBGRADE IS FOUND NOT TO REQUIRE REMEDIAL PROCEDURES, THE LIME MODIFICATION WILL NOT BE CONDUCTED.
- ALL EXISTING ROADWAY FEATURES SUCH AS PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, CULVERTS, HEADWALLS, RIPRAP, FENCING, RETAINING WALLS, ETC. WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR UNLESS NOTED OTHERWISE ON THE PLANS. ALL MISCELLANEOUS FEATURES WHICH ARE TO BE REMOVED AND FOR WHICH THERE IS NO SPECIFIC PAY ITEM, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT. THE COST OF THIS REMOVAL WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE VARIOUS REMOVAL ITEMS INCLUDED IN THE CONTRACT.
- STORM SEWER INVERTS SHOWN ON THE PLANS HAVE BEEN CALCULATED TO THE CENTER OF THE STRUCTURE. THE STORM SEWER SLOPES SHOWN ON THE PLANS IS THE PERCENT GRADE FROM CENTER TO CENTER OF STRUCTURE. THE LENGTH OF STORM SEWERS SHOWN ON THE PLANS IS THE DISTANCE FROM CENTER TO CENTER OF STRUCTURE. STORM SEWER SHALL BE MEASURED AND PAID FOR AS SPECIFIED IN ARTICLE 660.09 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." FLARED END SECTIONS ARE LOCATED BY STATION, OFFSET AND FLOWLINE ELEVATION AT THE FLARED END OF THE FLARED END SECTION.
- THE CONTRACTOR SHALL INCLUDE THE COST OF MAKING CONNECTIONS TO EXISTING DRAINAGE STRUCTURES AND PIPES IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER ITEMS INVOLVED.
- ALL DRAINAGE STRUCTURES CONSTRUCTED, ADJUSTED OR RECONSTRUCTED UNDER THE CONTRACT, SHALL BE CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS OR FOREIGN MATTER AT THE END OF EACH WORKING DAY AND AT THE TIME OF FINAL INSPECTION. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES BID FOR THE VARIOUS DRAINAGE STRUCTURE ITEMS INCLUDED IN THE CONTRACT.
- THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. PROPOSED CROSSWALKS AND STOP BARS SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER, IF NECESSARY, TO MATCH FIELD CONDITIONS.
- THE FOLLOWING SYMBOLS, ABBREVIATIONS AND PATTERNS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001:

FES	FLARED END SECTION
AD	ALGEBRAIC DIFFERENCE IN GRADE
BVCE	BEGINNING OF VERTICAL CURVE ELEVATION
BVCS	BEGINNING OF VERTICAL CURVE STATION
BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
CONSTR	CONSTRUCTION
CP	CONTROL POINT
ESMT	EASEMENT
ELEV	ELEVATION
EVCE	END OF VERTICAL CURVE ELEVATION
EVCS	END OF VERTICAL CURVE STATION
K	LENGTH OF VERTICAL CURVE PER PERCENT GRADE DIFFERENCE
N/F	NOW OR FORMERLY
O/C	OIL AND CHIP
PERM	PERMANENT
PVI	POINT OF VERTICAL INTERSECTION
PVC	POLYVINYL CHLORIDE PIPE
TCE	TEMPORARY CONSTRUCTION EASEMENT
TUP	TEMPORARY USE PERMIT
TBA	TO BE ADJUSTED
TBR	TO BE RELOCATED
TYP	TYPICAL
W	WIDTH

COMMITMENTS

NONE

FILE NAME = 519SQ01.DWG	USER NAME = SAM WRIGLEY	DESIGNED - TLC	REVISED -		SUMMARY OF QUANTITIES & GENERAL NOTES		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - SW3	REVISED -					05-00005-00-RP	MADISON	42	2	
	PLOT SCALE = 1" = 1'	CHECKED - AJG	REVISED -									
	PLOT DATE = 2009-05-07	DATE - 2009-03-04	REVISED -				SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 97384		
								FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	97384	