

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8047	96-00379-00-PV	SANG	66	6

GENERAL NOTES

- CA-6 GRANULAR CRADLE CONSISTS OF BEDDING, HAUNCHING, AND INITIAL BACKFILL. IT SHALL BE PLACED IN ACCORDANCE WITH SECTION 20-2.20 AND 20-2.21 OF THE STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS, MAY, 1996, FIFTH EDITION. IT WILL NOT BE MEASURED FOR PAYMENT, BUT WILL BE CONSIDERED INCLUDED IN THE UNIT PRICE BID FOR STORM SEWER AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- CONTRACTOR TO WRAP ALL GRATES WITH FILTER FABRIC UNTIL PERMANENT EROSION CONTROL HAS BEEN ESTABLISHED. FABRIC SHALL BE EITHER RINSED CLEAN AND REINSTALLED OR REPLACED WHEN SEDIMENT ACCUMULATES. EROSION CONTROL SHALL BE MAINTAINED AFTER EVERY STORM EVENT UNTIL APPROVED BY THE ENGINEER.
- FOR INLETS DEEPER THAN 4 FEET FROM THE TOP OF THE GRATE TO THE FLOW LINE USE OF ADJUSTING RINGS TO BRING THEM TO GRADE IS UNACCEPTABLE. MAXIMUM 6" OF ADJUSTING RINGS ALLOWED ON ANY STRUCTURE.
- THE EXISTENCE AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHOWN ON THESE PLANS WERE OBTAINED BY FIELD INVESTIGATION AND SEARCH OF AVAILABLE RECORDS TO THE BEST OF OUR KNOWLEDGE. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING FACILITIES SHOWN HEREON AND ANY OTHER WHICH IS NOT OF RECORD OR NOT SHOWN ON THESE PLANS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION. (J.U.L.I.E.) (PH. # 1-800-892-0123)
- THE CONTRACTOR MAY BE REQUIRED TO CONDUCT SOME OF HIS GRADING AND TRENCHING OPERATIONS AROUND TRANSMISSION LINES. THE ADDED COST OF SO DOING SHALL BE INCLUDED WITH THE COST OF STORM SEWER.
- EXISTING CONCRETE SIGN BASES AND OTHER MISCELLANEOUS CONCRETE NOT SPECIFICALLY SHOWN ON THE PLANS, BUT INTERFERING WITH PROPOSED CONSTRUCTION, SHALL BE REMOVED. COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- WHERE SECTION STONES OR PROPERTY MARKERS ARE ENCOUNTERED, ALL MARKERS SHALL BE PROTECTED AND PRESERVED UNTIL AN OWNER OR PROFESSIONAL LAND SURVEYOR HAS WITNESSED AND REFERENCED THEIR LOCATION.
- WHEREVER IN THESE PLANS REFERENCE IS MADE TO THE "STANDARD SPECIFICATIONS", IT IS UNDERSTOOD TO INCLUDE THE "SUPPLEMENTAL SPECIFICATIONS" INCLUDED IN THE PROPOSAL.
- THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION. THE CONTRACTOR WILL NOT BE ALLOWED TO BUILD FIRES ON THE SITE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO THE LUMP SUM PAY ITEMS.
- THE CONTRACTOR SHALL NOTIFY THE AGENCIES AND UTILITIES AT LEAST 10 (TEN) DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES AS REGARDS TO THEIR FACILITIES.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR MUST CALL J.U.L.I.E. AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE, GAS FACILITIES, AND ALL PUBLIC UTILITIES. A 48 HOUR NOTIFICATION IS REQUIRED.
- THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWER AND APPURTENANCES THAT MUST BE KEPT IN OPERATION. IN PARTICULAR, THE CONTRACTOR WILL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS WHICH ARE STILL IN SERVICE.
- VERIFICATION OF DIMENSIONS : IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY OWNERS AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT.
- DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THAT NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SO AFFECTED SHALL BE FREE FROM ALL DEBRIS. THIS WORK SHALL BE INCLUDED WITH THE COST OF EARTH EXCAVATION.
- ALL FRAMES, GRATES, SIGNS, FENCES AND DELINEATORS, DRIVEWAY PAVEMENT, CURB AND GUTTER, NEW OR EXISTING, DAMAGED THROUGH CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE DEPARTMENT.
- THE COST OF ADDITIONAL LABOR AND MATERIALS NOT ACCOUNTED FOR ON THE PLANS, WHICH MIGHT BE INVOLVED IN CONNECTING EXISTING DRAIN TILE OR STORM SEWERS TO PROPOSED DRAINAGE STRUCTURES, SHALL BE INCLUDED WITH THE COST OF THE STORM SEWER.
- THE ENDS OF EXISTING DRAINAGE LINES WHICH ARE NOT TO BE INCORPORATED INTO THE PROPOSED IMPROVEMENT ARE TO BE SEALED (PLUGGED) TO THE SATISFACTION OF THE ENGINEER. COST OF SUCH WORK SHALL BE INCLUDED WITH THE COST OF THE STORM SEWER.
- TRAFFIC SIGNS REMOVED MUST BE RESET AT THEIR PERMANENT LOCATIONS IN A WORKMANLIKE MANNER AND VISIBLE TO TRAFFIC ON THE ROADWAY AS DIRECTED BY THE ENGINEER. THESE SIGNS SHALL BE RESET BEFORE THE ROADWAY IS OPEN TO TRAFFIC. COST OF SUCH WORK SHALL BE INCLUDED WITH THE COST OF EARTH EXCAVATION.
- THE CONTRACTOR SHALL COMPLY WITH THE ENVIRONMENTAL PROTECTION AGENCY (E.P.A.) REGULATIONS WHICH APPLY TO THE STORM SEWER CONSTRUCTION REGARDING THE HORIZONTAL AND VERTICAL SEPARATION OF A STORM SEWER LINE FROM ANY EXISTING OR PROPOSED WATERMAIN (SEE SHEET 43). AT LOCATIONS WHERE THE SEPARATION IS INADEQUATE, CITY WATER LIGHT AND POWER (C.W.L.P.) SHALL ADJUST THE WATERMAIN TO PROVIDE THE REQUIRED SEPARATION OR CONSTRUCT THE STORM SEWER OF THE MATERIAL SPECIFIED IN THE E.P.A. REGULATIONS.
- THE ELEVATIONS AND EXACT SIZE OF ALL EXISTING WATERMANS AND SANITARY SEWERS SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO BEGINNING CONSTRUCTION OF EACH RUN OF STORM SEWER TRUNK LINE OR LATERAL LINE WITHIN WHICH A CROSSING OF EITHER OR BOTH TYPES OF THESE EXISTING UTILITIES IS TO BE ENCOUNTERED. THE CONTRACTOR SHALL THEN DETERMINE WHICH OF THE ABOVE OPTIONS HE WILL USE TO RESOLVE THE CONFLICT BETWEEN THE PROPOSED STORM SEWER AND THE EXISTING UTILITY. THE APPROVAL OF THE RESIDENT ENGINEER AND THE SUPERINTENDENT OF THE UTILITY SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO STARTING CONSTRUCTION OF THIS SEGMENT OF STORM SEWER.
- FOR INLETS AND MANHOLES CONSTRUCTED IN CONJUNCTION TO THE CURB/GUTTER, THE OFFSET DISTANCE SHOWN ON THE PLANS IS FROM THE CENTERLINE OF CONSTRUCTION TO THE CENTER OF THE STRUCTURE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT EACH INLET OR MANHOLE, AT THE PROPOSED LOCATION SO THAT THE FRAME MATCHES THE CURB LINE.
- THE REMOVAL OF HOT-MIX ASPHALT SURFACING NOT ON RIGID TYPE BASE REMOVED IN CONJUNCTION WITH THE BASE SHALL BE REMOVED AS EARTH EXCAVATION.
- THE REMOVAL OF HOT-MIX ASPHALT SURFACING ON A RIGID TYPE BASE SHALL BE REMOVED WITH THE BASE AS PAVEMENT REMOVAL.
- WHENEVER IT IS NECESSARY TO REMOVE BITUMINOUS AGGREGATE MIXTURE, OIL AND CHIP SURFACE, EXISTING GRAVEL OR CRUSHED STONE BASE COURSE, IT SHALL BE REMOVED AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ADDITIONAL LABOR OR EQUIPMENT REQUIRED.
- FRAMES AND GRATES ON EXISTING STRUCTURES, PIPE CULVERTS AND WATER MAIN WHICH ARE TO BE REMOVED, ABANDONED, OR WHICH OTHERWISE ARE NOT INCORPORATED INTO THE IMPROVEMENT SHALL BECOME THE PROPERTY OF THE CITY OF SPRINGFIELD. THE CONTRACTOR SHALL STORE THE FRAMES AND GRATES WITHIN THE RIGHT OF WAY AT LOCATIONS DESIGNATED BY THE ENGINEER.
- THE CONTRACTOR SHALL TAKE REASONABLE PRECAUTIONS TO PROTECT PUBLIC AND PRIVATE PROPERTY. IF AT ANY TIME HE/SHE DAMAGES OR DESTROYS PUBLIC OR PRIVATE PROPERTY, THE CONTRACTOR SHALL AT HIS/HER OWN EXPENSE RESTORE SUCH PROPERTY TO A CONDITION EQUAL TO THAT EXISTING BEFORE SUCH DAMAGE.
- THE CONTRACTOR SHALL MAINTAIN ROADWAYS ADJOINING THE PROJECT SITE KEEPING THEM FREE FROM MUD AND DEBRIS AT ALL TIMES.
- CONTRACTOR TO MAINTAIN TEMPORARY EROSION CONTROL UNTIL PERMANENT VEGETATION OR PAVEMENT HAS BEEN ESTABLISHED.
- ALL DITCHES AND SWALES SHALL HAVE TEMPORARY DITCH CHECKS INSTALLED EVERY 200' MAXIMUM

- ADDITIONAL DEPTH REQUIRED IN DRAINAGE STRUCTURES DUE TO CONFLICTS WITH OTHER UTILITY LINES WILL BE CONSIDERED INCLUDED IN THE UNIT PRICE BID FOR DRAINAGE STRUCTURES AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- DEPRESS CURB ACROSS DRIVEWAYS.
- DOMESTIC BUFFALO BOXES, FIRE HYDRANTS AND METER VAULTS IN THE AREA WHERE THE IMPROVEMENT IS TO TAKE PLACE ARE TO BE MOVED OR ADJUSTED, IF NECESSARY, BY CITY WATER LIGHT & POWER.
- UTILITY POLES ARE TO BE MOVED, IF NECESSARY, BY THE UTILITY COMPANIES.
- WHERE PROPOSED CONSTRUCTION ABUTS EXISTING APPURTENANCES, A SAW CUT SHALL BE MADE TO ACHIEVE A NEAT BUTT JOINT. SAW CUTS WILL NOT BE PAID FOR SEPARATELY, COST OF SAW CUTS SHALL BE INCLUDED IN THE TYPE OF WORK ENCOUNTERED.
- ONLY THOSE TREES INDICATED IN THE PLANS TO BE REMOVED SHALL BE REMOVED. ALL TREES AND SHRUBS INDICATED ON PLANS FOR REMOVAL SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE.
- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM
- THE FOLLOWING DENSITIES HAVE BEEN USED IN CALCULATING THE PLAN QUANTITIES:
 - BITUMINOUS PAVEMENT - 112 LBS. / SQ. YD. IN.
 - GRANULAR MATERIALS (SUBBASE, BASE AND SURFACE) - 2.05 TONS / CU. YD.
 - SOIL (DRY DENSITY) - 107 LBS. / CU. YD.

SPECIFICATIONS

SPECIFICATIONS SHALL BE THOSE OF THE STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JAN. 1, 2007, AND THE SUPPLEMENTARY SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JANUARY 1, 2008.

STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, FIFTH ADDITION, ADOPTED MAY, 1996

EROSION CONTROL NOTES

- SEE SHEET 32 FOR EROSION CONTROL AND SEEDING NOTES.

LEGEND

APPEARANCE	DESCRIPTION	APPEARANCE	DESCRIPTION
	CABLE TV PEDESTAL		BITUMINOUS TAPER
	ELECTRIC METER		BITUMINOUS REMOVAL
	ELECTRIC PEDESTAL		REMOVAL ITEMS
	NATURAL GAS METER		PATCHING ITEMS
	NATURAL GAS VALVE		
	TELEPHONE PEDESTAL		
	CONIFEROUS TREE (SIZE)		
	DECIDUOUS TREE (SIZE)		
	DECIDUOUS TREE (SIZE) TO BE REMOVED LESS THAN 6"		
	DECIDUOUS TREE (SIZE) TO BE REMOVED 6" OR GREATER		
	CONIFEROUS TREE (SIZE) TO BE REMOVED 6" OR GREATER		
	CONIFEROUS TREE TO BE REMOVED LESS THAN 6"		
	BUSH		
	STREET LIGHT EXISTING		
	STORM SEWER, EXISTING		
	STORM SEWER, PROPOSED		
	SANITARY SEWER		
	MANHOLE, EXISTING		
	MANHOLE, PROPOSED		
	MANHOLE, ADJUSTED		
	FLARED END SECTION, EXISTING		
	FLARED END SECTION, PROPOSED		
	STORM INLET, EXISTING		
	STORM INLET, PROPOSED		
	CORRUGATED METAL PIPE END SECTION		
	DRAINAGE ARROW		
	GUY WIRE		
	MAIL BOX		
	MISCELLANEOUS PEDESTAL		
	NON UTILITY POLE (FLAG, CLOTHES LINE, ETC)		
	UTILITY POLE		
	RIPRAP		
	SIGN		
	UTILITY MARKER/WARNING SIGN		
	WATER MAIN		
	FIRE HYDRANT		
	WATER METER / CURB STOP		
	WATER VALVE		
	OVERHEAD CABLE / ELECTRIC UTILITY LINE		
	GAS PIPE		
	FIBER OPTIC		
	ELECTRIC CABLE		
	FENCE		
	UTILITY / DRAINAGE EASEMENT		

UTILITY COMPANIES

CITY WATER, LIGHT AND POWER - WATER DEPT.
401 NORTH 11TH STREET
SPRINGFIELD, ILLINOIS 62702
ATTN: STEVE STEWART (217) 789-2022

CITY WATER, LIGHT AND POWER - ELECTRIC DEPT.
1008 EAST MILLER
SPRINGFIELD, ILLINOIS 62702
ATTN: ROLEEN THOELE (217) 757-8520

AT&T (FORMERLY AMERITECH)
529 SOUTH SEVENTH, FLOOR 3B
SPRINGFIELD, ILLINOIS 62721
ATTN: RICH WEINGAND
(217) 789-8227

CILCO
825 NORTH MACARTHUR BLVD.
SPRINGFIELD, ILLINOIS 62702
ATTN: RICK COMBS (GAS) (217) 753-5187

INSIGHT COMMUNICATIONS
711 SOUTH DIRKSEN PARKWAY
SPRINGFIELD, ILLINOIS 62703
ATTN: TIM HINES (217) 788-5656

SPRINGFIELD METRO SANITARY DISTRICT
3017 NORTH EIGHTH STREET ROAD
SPRINGFIELD, ILLINOIS 62707
ATTN: GREGG HUMPHREY (217) 528-0491

OFFICE OF PUBLIC WORKS
ROOM 201, MUNICIPAL CENTER WEST
SPRINGFIELD, IL 62701
ATTN: MIKE WALLNER
(217) 789-2260

NO.	DATE	REVISION	BY
SHEET TITLE			PROJECT NO.
GENERAL NOTES			96100
PROJECT			SCALE
ILES AVENUE			1" = 5'
DATE			DATE
OCT. 2007			OCT. 2007
DRAWN BY			CHECKED BY
MEC			PSW
DRAWING FILE			DRAWING NO.
C-QNTY			6
DRAWING NO.			OF 66 SHTS