

GENERAL NOTES

UTILITIES

- ABOVE-GROUND UTILITY FACILITIES OR APPURTENANCES SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS TO PROVIDE A MINIMUM HORIZONTAL CLEARANCE OF 1.5 FEET, MEASURED FROM THE FACE OF CURB TO THE NEAR EDGE OF THE OBJECT.
- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FRO NON-MEMBERS, THE COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

CASEYVILLE TOWNSHIP* (SANITARY SEWER)
JOE HOGG
1 ECOLOGY DRIVE
FAIRVIEW HEIGHTS, IL 62208
(618) 632-2414

AMEREN ILLINOIS* (ELECTRIC)
JAMAL AHMED
500 EAST BROADWAY
EAST ST. LOUIS, IL 62202
(618) 482-2260

CITY OF FAIRVIEW HEIGHTS* (SEWER)
10025 BUNKUM ROAD
FAIRVIEW HEIGHTS, IL 62208
(618) 489-2020

AT&T* (COMMUNICATIONS)
JEFF GOAD
1640 E HAZEL DELL RD
SPRINGFIELD, IL 62703
217-331-8475

CITY OF O'FALLON* (WATER)
JEFF TAYLOR
255 SOUTH LINCOLN AVENUE
O'FALLON, IL 62269
(618) 624-4500

CHARTER COMMUNICATIONS* (COMMUNICATIONS)
815 CHARTER COMMONS
TOWN & COUNTRY, MO 63017
(636) 387-6650

AMEREN ILLINOIS* (GAS)
KEN KELEHER
1050 WEST BOULEVARD
BELLEVILLE, IL 62221
(618) 530-0125

BUCKEYE PARTNERS* (LP) 
STEPHEN KAPP
220 EAST HAWTHORNE ST.
HARTFORD, IL 62048
618-973-3752

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY A *. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

 THE FIELD OPERATIONS MANAGER SHALL BE CONTACTED WHEN ANY CONSTRUCTION IS CONDUCTED AROUND THE HIGH PRESSURE GAS MAIN AT STA. 18+80 AND STA. 18+90.

GENERAL

- THE CONTRACTOR SHALL PROVIDE BLOCKOUTS IN THE PROPOSED SIDEWALK FOR PLACEMENT OF SIGN POSTS AND MAILBOX SUPPORTS, AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR PORTLAND CEMENT CONCRETE SIDEWALK, 4".
- 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. AGGREGATE FOR TEMPORARY ACCESS WILL BE MEASURED FOR PAYMENT AS SPECIFIED IN THE CONTRACT. THE COST OF ALL OTHER MATERIALS REQUIRED AND ALL OTHER LABOR NECESSARY TO COMPLY WITH THIS PROVISION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE CONSTRUCTION LIMITS LINE SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AS APPROVED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL FERTILIZE, SEED AND MULCH ALL EARTH SURFACES DISTURBED BY CONSTRUCTION. FERTILIZER, SEEDING AND MULCH WITHIN THE CONSTRUCTION LIMITS WILL BE PAID FOR AS PROVIDED IN THE CONTRACT. FERTILIZER, SEEDING AND MULCH OUTSIDE THESE LIMITS WILL NOT BE MEASURED FOR PAYMENT. SEE THE SEEDING SCHEDULE FOR ESTIMATED PLAN QUANTITIES.
- ALL EXISTING ROADWAY FEATURES INCLUDING, BUT NOT LIMITED TO, PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, AND TRAFFIC SIGNS WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR UNLESS NOTED OTHERWISE ON THE PLANS. ALL FEATURES WHICH ARE TO BE REMOVED AND FOR WHICH THERE IS NO SPECIFIC PAY ITEM, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT AND THE COST OF THIS REMOVAL WORK SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.

EARTHWORK

- THE CONTRACTOR SHALL BENCH THE PROPOSED EMBANKMENT INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.

PAVING

- THE CONTRACTOR SHALL NOTE THE LOCATION OF ALL MANHOLE AND VALVE COVER FRAMES AND LIDS LOCATED WITHIN RESURFACING LIMITS. APPROPRIATE CARE SHALL BE TAKEN TO PROTECT THESE ITEMS DURING MILLING OPERATIONS.
- THE THICKNESS OF THE 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 HMA MIXTURES ARE PLACED.
- HIGH EARLY STRENGTH CONCRETE MIX SHALL BE USED FOR THE CONSTRUCTION OF PCC ENTRANCES. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS PCC DRIVEWAY PAVEMENT ITEMS INCLUDED IN THE CONTRACT.
- AT VARIOUS LOCATIONS, IT MAY BE NECESSARY TO TRANSITION PROPOSED COMBINATION CONCRETE CURB AND GUTTER TO MEET EXISTING CURBS OR GUTTERS. THE MINIMUM LENGTH OF TRANSITIONAL COMBINATION CURB AND GUTTER SHALL BE 10 FEET, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.

DRAINAGE

- STORM SEWER INVERTS SHOWN ON THE PLANS HAVE BEEN CALCULATED TO THE CENTER OF THE STRUCTURE. THE STORM SEWER SLOPES SHOWN ON THE PLANS ARE 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 WILL BE MEASURED AND PAID FOR AS SPECIFIED IN ARTICLES 550.09 AND 550.10 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 OFFSETS TO ALL INLETS AND MANHOLES ARE GIVEN TO THE CENTER OF THE OPENING AT THE BASE OF THE FRAME AND GRATE OR LID. CONCENTRIC DRAINAGE STRUCTURES WERE ASSUMED WHEN CALCULATING THESE DIMENSIONS.
- ALL TYPE 3 FRAMES AND GRATES SHALL BE FURNISHED BY THE CONTRACTOR WITH TYPE 3 GRATES AND OPEN CURB BOXES. SEE HIGHWAY STANDARD 604011 AND THE SPECIAL PROVISIONS FOR DETAILS.
- THE CONTRACTOR SHALL INCLUDE THE COST OF MAKING CONNECTIONS TO EXISTING DRAINAGE STRUCTURES 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 CONST OF THIS WORK WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES BID FOR THE CARIOUS DRAINAGE ITEMS INCLUDED IN THE CONTRACT.

PAVEMENT MARKING

- 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.
- TEMPORARY PAVEMENT MARKING HAS BEEN INCLUDED IN THE SUMMARY OF QUANTITIES IN THE EVENT THE THERMOPLASTIC PAVEMENT MARKINGS ARE UNABLE TO BE INSTALLED PRIOR TO A CONSTRUCTION SHUTDOWN, IE WEATHER CONDITIONS. THE ENGINEER SHALL DETERMINE IF THE TEMPORARY PAVEMENT MARKING WILL NEED TO BE INSTALLED.

APPROXIMATE QUANTITIES, SYMBOLS & ABBREVIATIONS

- THE FOLLOWING ITEMS AND APPROXIMATE QUANTITIES ARE INCLUDED IN THE "SUMMARY OF QUANTITIES" IN ORDER TO ESTABLISH A UNIT COST FOR WORK WHICH MAY BE REQUIRED TO CONSTRUCT THIS SECTION. THE ACTUAL QUANTITY OF EACH ITEM SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

AGGREGATE FOR TEMPORARY ACCESS	50	TON
WATER VALVES TO BE ADJUSTED	10	EACH
DOMESTIC METER VAULT TO BE ADJUSTED	2	EACH

- THE FOLLOWING SYMBOLS, ABBREVIATIONS AND PATTERNS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001:

BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
CONSTR	CONSTRUCTION
CP	CONTROL POINT
ELEV	ELEVATION
K	LENGTH OF VERTICAL CURVE PER PERCENT GRADE DIFFERENCE
N/F	NOW OR FORMERLY
PVI	POINT OF VERTICAL INTERSECTION
PVC	POLYVINYL CHLORIDE PIPE
RG	RUBBER GASKET
TCE	TEMPORARY CONSTRUCTION EASEMENT
TBA	TO BE ADJUSTED
TBRL	TO BE RELOCATED
THPL	THERMOPLASTIC
TYP	TYPICAL
VWGF	VARIABLE WIDTH GUTTER FLAG
W	WIDTH

COMMITMENTS

- ONE ENTRANCE FOR THE NOVUS-CRESTWOOD SAMS PROPERTY SHALL REMAIN OPEN AT ALL TIMES
- NO VIBRATORY EQUIPMENT OTHER THAN A WALK BEHIND UNIT WILL BE USED WITHIN 25 FEET OF THE HIGH PRESSURE GAS LINES AT STA. 18+80 AND STA. 18+90.

EMERGENCY CONTACTS DURING LANE CLOSURE

FAIRVIEW HEIGHTS POLICE DEPARTMENT 618-489-2100	FAIRVIEW HEIGHTS FIRE DEPARTMENT 618-233-2121
EMS SERVICES MED STAR AMBULANCE 618-443-5061	ABBOTT AMBULANCE 314-768-1000

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES & COMMITMENTS

SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	2
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS		FED. AID PROJECT		

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
	*	56500300	DOMESTIC METER VAULTS TO BE ADJUSTED	EACH	3
	*	60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1
		60500060	REMOVING INLETS	EACH	1
		60600605	CONCRETE CURB, TYPE B	FOOT	13
	*	60604300	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (VARIABLE WIDTH GUTTER FLAG)	FOOT	680
		60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	1,194
		60605900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12	FOOT	132
		60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	415
		67100100	MOBILIZATION	L SUM	1
		70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	86.8
		70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	6,844
		70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	188
		70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	280
*	*	72000100	SIGN PANEL - TYPE 1	SQ FT	295.0

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*		72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	5
*	*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	676
*		78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	34.0
*		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	4,029
*		78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	188
*		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	280
*		78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	52.8
*		78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2,815
*		78200020	CURB REFLECTORS	EACH	52
		78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1,088
*		X0327583	STAMPED COLORED PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	426
		Z0013798	CONSTRUCTION LAYOUT	L SUM	1
*		X6061310	CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)	SQ FT	783
#		Z0076600	TRAINEES	hour	500
*		X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
#		Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	hour	500
*		X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	3,122
*	*	Z0036200	PAINT CURB	FOOT	712

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS
SI - SPECIALTY ITEM
- 0042

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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NTS SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	4
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS FED. AID PROJECT				