

GENERAL NOTES

- THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) HIGHWAY STANDARDS WITH THE REVISION NUMBER LISTED ON THE COVER SHEET OF THE PLANS SHALL APPLY TO THIS PROJECT.
- 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 MAY BE CONTACTED DIRECT. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED BELOW.

ATT (TELEPHONE) 203 GOETHE STREET COLLINSVILLE, IL 62234 (618) 346-6400	ILLINOIS AMERICAN WATER CO. (WATER) 100 NORTH WATERWORKS DRIVE BELLEVILLE, IL 62223 (618) 277-7450
CHARTER COMMUNICATIONS (CABLE TV) 317 WEST MAIN STREET BELLEVILLE, IL 62220 (618) 277-2288	AMERENIP (GAS & ELECTRIC) 1050 WEST BOULEVARD BELLEVILLE, IL 62221 (618) 234-3400
CITY OF BELLEVILLE (SEWER) 450 ENVIRONMENTAL DRIVE BELLEVILLE, IL 62220 (618) 233-7146	McLEOD USA (FIBER OPTIC COMMUNICATIONS) 102 EAST SHAFER STREET FORTSYTHE, IL 63525
- 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 2 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.
- 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 REMOVE, MAINTAIN IN A TEMPORARY LOCATION, AND PERMANENTLY RESET ALL MAILBOXES, TRAFFIC SIGNS, STREET NAME SIGNS AND ALL PRIVATE AND COMMERCIAL SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS IN ACCORDANCE WITH ARTICLES 107.20 AND 107.25 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT. SIGNS DAMAGED DUE TO CONTRACTOR NEGLIGENCE SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL PROVIDE 1' X 1' BLOCKOUTS IN THE PROPOSED SIDEWALK FOR PLACEMENT OF SIGN POSTS AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR, OR AGENT, HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- 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 CONFINE ALL OPERATIONS TO THE AREA LOCATED WITHIN THE EXISTING RIGHT OF WAY. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL FERTILIZE, SEED AND MULCH ALL EARTH SURFACES DISTURBED BY CONSTRUCTION.
- ANY EXCAVATION OR DROP-OFF 3' OR GREATER SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND STEADY BURNING LIGHTS.
- ANY UNSUITABLE MATERIAL ENCOUNTERED DURING CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR AND REPLACED WITH SUITABLE MATERIAL AS APPROVED BY THE ENGINEER.
- WHEN THE MILLING OPERATION COMMENCES, "ROUGH GROOVED SURFACE" (W8-1106-(0)-48) SIGNS SHALL BE PLACED BY THE CONTRACTOR AT EACH END OF THE SECTION, AND EACH INTERSECTING SIDE ROAD. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE VARIOUS ITEMS OF "BITUMINOUS SURFACE REMOVAL."
- THE CONTRACTOR SHALL NOTE THE LOCATION OF ALL MANHOLE AND VALVE VAULT FRAMES AND LIDS LOCATED WITHIN THE RESURFACING LIMITS. APPROPRIATE CARE SHALL BE TAKEN TO PROTECT THESE ITEMS DURING MILLING OPERATIONS.
- THE THICKNESS OF THE BITUMINOUS 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 MIXTURES ARE PLACED.
- BITUMINOUS SURFACE COURSE CONSTRUCTION IS TO PROVIDE A NEAT, SMOOTH TRANSITION BETWEEN NEW CONSTRUCTION AND EXISTING PAVEMENTS, AND TO PROVIDE SLOPE TO EXISTING DRAINAGE STRUCTURES. THIS MAY NECESSITATE HAND WORK AND FEATHEREDGING, ALL AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK IS TO BE INCLUDED IN THE UNIT PRICE OF POLYMERIZED BITUMINOUS SURFACE COURSE, SUPERPAVE, MIXTURE D, N70 AND NO ADDITIONAL COMPENSTATION WILL BE ALLOWED.

- THE CONTRACTOR SHALL USE HIGH EARLY STRENGTH CONCRETE MIX FOR ALL PCC PATCHING.
- THE CONTRACTOR SHALL COMPLETE ALL PAVEMENT PATCHING PRIOR TO BITUMINOUS SURFACE REMOVAL.
- FULL DEPTH SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
- ALL DRIVES AND ENTRANCES ARE AT 90 DEGREE ANGLES TO PROPOSED BASELINE UNLESS OTHERWISE NOTED.
- ALL EXISTING ROADWAY FEATURES SUCH AS PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, CULVERTS, HEADWALLS, RIPRAP, FENCING, RETAINING WALLS, ETC. THAT 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 UNIT COST FOR THE VARIOUS REMOVAL ITEMS.
- ALL TYPE 3 FRAMES AND GRATES SHALL BE FURNISHED BY THE CONTRACTOR WITH TYPE 3V GRATES AND OPEN CURB BOXES. SEE HIGHWAY STANDARD 604011 AND THE SPECIAL PROVISIONS FOR DETAILS.
- ALL WORK ASSOCIATED WITH THIS PROJECT SHALL CONFORM TO THE "AMERICANS WITH DISABILITIES ACT." CROSS SLOPES ON ALL SIDEWALKS, SIDEWALK RAMPS AND DRIVEWAYS SHALL BE 2% MAXIMUM. RAMP LONGITUDINAL SLOPES SHALL NOT EXCEED 8%.
- HANDICAP RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HIGHWAY STANDARD 424001 AT ALL INTERSECTIONS WHERE NEW CURB AND SIDEWALK ARE PROPOSED. THE COST OF THIS WORK SHALL BE MEASURED AND PAID FOR AS PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH AND DETECTABLE WARNINGS.
- 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 UNIT BID PRICES OF THE VARIOUS DRAINAGE STRUCTURE ITEMS IN THE CONTRACT.
- THE CONTRACTOR SHALL APPLY SHORT-TERM PAVEMENT MARKINGS TO THE MILLED, PRIMED, AND EACH BITUMINOUS SURFACE LAYER. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING TIMES THE NUMBER OF REQUIRED APPLICATIONS HAS BEEN INCLUDED IN THE PLANS. ONLY THE REMOVAL OF TAPE FROM THE FINAL SURFACE SHALL BE PAID FOR UNDER WORK ZONE PAVEMENT MARKING REMOVAL.
- THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. PROPOSED CROSSWALKS AND STOP BARS SHALL BE ADJUSTED BY THE CONTRACTOR, IF NECESSARY, TO MATCH FIELD CONDITIONS AND AS DIRECTED BY THE ENGINEER.
- A SEALANT RECOMMENDED BY THE MANUFACTURER AND APPROVED BY THE ENGINEER SHALL BE PLACED ON ALL BITUMINOUS SURFACES WHERE THERMOPLASTIC IS TO BE APPLIED. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THERMOPLASTIC PAVEMENT MARKING LINE OF THE SIZE SPECIFIED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ROAD CONSTRUCTION AHEAD SIGNS (W20-1(0)) SHALL BE PLACED AT EACH INTERSECTING SIDE STREET AND AT EACH END OF WEST MAIN STREET IN ADVANCE OF THE WORK ZONE. TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES.
- THE FOLLOWING ITEMS AND APPROXIMATE QUANTITIES ARE INCLUDED IN THE "SCHEDULE OF PRICES" AND 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.

MANHOLES TO BE ADJUSTED	20	EACH	
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- SEE THE SPECIAL PROVISIONS FOR OTHER INCIDENTAL CONSTRUCTION ITEMS AND OPERATIONS WHICH ARE TO BE INCLUDED WITH AND PAID FOR UNDER CERTAIN SPECIFICATION PAY ITEMS.
- THE FOLLOWING SYMBOLS, ABBREVIATIONS AND PATTERNS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001:

FES		FLARED END SECTION	
AD		ALGEBRAIC DIFFERENCE IN GRADE	
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	
TBRL		TO BE RELOCATED	
TYP		TYPICAL	
W		WIDTH	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	03-00176-03-RS	ST. CLAIR	14	2
STA. - - - - -		TO STA. - - - - -		
FED. ROAD DIST. NO.		ILLINOIS	WEST MAIN STREET	
GENERAL NOTES				

CONTRACT NO. 97284

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	I-000	Y031-1F
				PARTICIPATING QUANTITIES	NON-PARTICIPATING QUANTITIES
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	5,392	5,392	
40600300	AGGREGATE (PRIME COAT)	TON	109	109	
40600895	CONSTRUCTING TEST STRIP	EACH	1	1	
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	40	40	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	14	14	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	36	36	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	602	602	
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	376	376	
42400800	DETECTABLE WARNINGS	SQ FT	23	23	
44000006	BITUMINOUS SURFACE REMOVAL 1 1/2"	SQ YD	72,663	72,663	
44000100	PAVEMENT REMOVAL	SQ YD	40	40	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	102	102	
44000300	CURB REMOVAL	FOOT	579	579	
44000600	SIDEWALK REMOVAL	SQ FT	676	676	
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	54	54	
44003900	MEDIAN SURFACE REMOVAL AND REPLACEMENT	SQ FT	39	39	
44200994	CLASS B PATCHES, TYPE II, 12 INCH	SQ YD	233	233	
44200998	CLASS B PATCHES, TYPE III, 12 INCH	SQ YD	18	18	
44201000	CLASS B PATCHES, TYPE IV, 12 INCH	SQ YD	28	28	
44201377	CLASS C PATCHES, TYPE II, 12 INCH	SQ YD	67	67	
44201383	CLASS C PATCHES, TYPE IV, 12 INCH	SQ YD	29	29	
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	42,406	42,406	
60265500	MANHOLES TO BE ADJUSTED	EACH	20	20	
60260100	INLETS TO BE ADJUSTED	EACH	2	2	
60260505	INLETS TO BE ADJUSTED WITH NEW TYPE 3V FRAME AND GRATE	EACH	2	2	
60260600	INLETS TO BE ADJUSTED WITH NEW TYPE 4 FRAME AND GRATE	EACH	4	4	
60600605	CONCRETE CURB, TYPE B	FOOT	579	579	
67100100	MOBILIZATION	L SUM	1	1	
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	1	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	18,897	18,897	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2,099	2,099	
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,651	1,651	
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	31,347	31,347	
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	271	271	
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	942	942	
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	201	201	
78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	1,236	1,236	
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	59	59	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	46	46	
88800100	DETECTOR LOOP, TYPE I	FOOT	1,254	1,254	
X0323336	LED SIGNAL FACE RETROFIT, RED BALL	EACH	17	17	
X0323337	LED SIGNAL FACE RETROFIT, GREEN BALL	EACH	15	15	
X0323418	LED SIGNAL FACE RETROFIT, YELLOW BALL	EACH	15	15	
X0323419	LED SIGNAL FACE RETROFIT, YELLOW ARROW	EACH	2	2	
X0323420	LED SIGNAL FACE RETROFIT, GREEN ARROW	EACH	2	2	
X0323421	LED SIGNAL FACE RETROFIT, WALK SIGNAL	EACH	6	6	
X0323422	LED SIGNAL FACE RETROFIT, DONT WALK SIGNAL	EACH	6	6	
X0324205	TRAFFIC SIGNAL CABINET LOAD SWITCH	EACH	8	8	
X4066526	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70	TON	6,040	6,040	
XX004949	INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE	TON	68	68	

* DENOTES SPECIALTY ITEM

DATE	BY	SURVEYED	PLOTTED	NOTE BOOK	TEMPLATE	AREAS	CHECKED

DATE	BY	ORIGINAL SURVEY	PLOTTED	NOTE BOOK	TEMPLATE	AREAS	CHECKED