

GENERAL NOTES

1. ALL ELEVATIONS SHOWN ARE REFERRED TO THE N.A.V.D. 88 DATUM.
2. WHEREVER IN THE PLANS OR SPECIFICATIONS THE TERM "STANDARD SPECIFICATIONS" IS USED IT SHALL BE UNDERSTOOD BY THE CONTRACTOR TO MEAN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" AS PREPARED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND ADOPTED ON APRIL 1, 2016.
3. WHEREVER IN THE PLANS OR SPECIFICATIONS THE TERM "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION" IS USED IT SHALL BE UNDERSTOOD BY THE CONTRACTOR TO MEAN THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS" AS PREPARED BY I.S.P.E., A.G.C.I., I.M.L., AND U.C.A., ADOPTED 2014.
4. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS SHOWN ON THE HIGHWAY STANDARDS AND LEGEND.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THE PROJECT.
6. THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION.
7. THE CONTRACTOR SHALL TAKE CARE NOT TO STORE OR DISPOSE OF DEBRIS OR UNSUITABLE MATERIALS WITHIN LIMITS OF THE IMPROVEMENT AND TAKE CARE TO LIMIT CONSTRUCTION TO WITHIN THE RIGHT-OF-WAY AND EASEMENT AREAS. UNNECESSARY ENCROACHMENTS ONTO PRIVATE OR PUBLIC AREAS WILL NOT BE ALLOWED.
8. WHERE SECTION OR SUBSECTION MONUMENTS, BENCHMARKS, OR IRON PIPE MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN ILLINOIS REGISTERED LAND SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN ILLINOIS REGISTERED LAND SURVEYOR RE-ESTABLISH ANY MONUMENTS UNNECESSARILY DESTROYED BY HIS OR HER OPERATIONS.
9. ALL STREET RETURNS HAVE RADII DESIGNATED TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED ON THE PLANS.
10. THE EXCAVATION FOR THIS PROJECT IS CLASSIFIED AS EARTH EXCAVATION IN ACCORDANCE WITH SECTION 202 OF THE STANDARD SPECIFICATIONS. THE EARTH EXCAVATION SHALL INCLUDE THE REMOVAL OF EARTH AND UNCLASSIFIED MATERIALS, AND THE TRANSPORTATION AND PLACEMENT OF SUITABLE MATERIALS IN EMBANKMENTS. THE REMAINING EXCAVATION IS CLASSIFIED AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL, PAVEMENT REMOVAL, CURB AND GUTTER REMOVAL, DRIVEWAY PAVEMENT REMOVAL AND SIDEWALK REMOVAL.
11. IT MAY BE NECESSARY TO UNDERCUT AND REMOVE EARTH AND ORGANIC MATERIAL BELOW THE PROPOSED PAVEMENT SYSTEM OR BOTTOM OF TRENCHES AS DIRECTED BY THE ENGINEER. ALL UNSTABLE, UNSUITABLE, OR ORGANIC MATERIAL SHALL BE DISPOSED OF AS DIRECTED BY THE ENGINEER. MATERIALS THAT ARE REMOVED AND ARE NOT CLASSIFIED AS EARTH EXCAVATION SHALL BE MEASURED AND PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL. SEE THE "SUBGRADE REMOVAL AND REPLACEMENT DETAIL" ON THE PROPOSED TYPICAL SECTION NOTES AND TABLES SHEET FOR ADDITIONAL INFORMATION.
12. ALL EXISTING STUMPS WHICH LIE WITHIN RIGHT-OF-WAY LIMITS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. ALL STUMPS REMOVED SHALL BE CLASSIFIED AND PAID FOR AS TREE REMOVAL IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
13. TREES TO BE REMOVED: THE INDICATED TREES (INCLUDING STUMPS) TO BE REMOVED SHALL BE SUITABLY MARKED BY THE ENGINEER BEFORE TREE REMOVAL OPERATIONS BEGIN. ALL TREES, STUMPS AND ROOTS SHALL BE COMPLETELY REMOVED AND DISPOSED OF. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TREE REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
14. TREES TO BE SAVED OR PRUNED: PARTICULAR EFFORT SHALL BE MADE TO SAVE ALL DESIRABLE EXISTING TREES OR SHRUBS. ONLY A MINIMUM OF GRADING WILL BE PERMITTED AROUND TREES AS DETERMINED BY THE ENGINEER. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN OVERHEAD TREE LIMBS AND THE EQUIPMENT USED FOR EXCAVATING. ANY NECESSARY TREE PRUNING SHALL BE DONE BY A CERTIFIED ARBORIST EMPLOYED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR UNNECESSARY DAMAGE TO TREES, SHRUBS, OR LANDSCAPING INTENDED TO BE SAVED.
15. THE FINISHED EARTHWORK SHALL HAVE VEGETATIVE SUSTAINING TOPSOIL COVERING THE TOP 4 OR 24 INCHES IN AREAS TO BE SODDED (AS SHOWN ON THE LANDSCAPING PLANS). THE TOPSOIL REQUIRED WILL BE MEASURED AND PAID FOR AS TOPSOIL FURNISH AND PLACE, 4" OR 24".
16. ONLY EXISTING PAVEMENT, BASE COURSES AND DRIVEWAY PAVEMENTS COMPOSED OF PORTLAND CEMENT CONCRETE, ASPHALT OR BRICK WILL BE MEASURED AND PAID FOR AS "PAVEMENT REMOVAL" OR "DRIVEWAY PAVEMENT REMOVAL" AS THE CASE MAY BE IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PAVEMENT REMOVAL ITEMS DUE TO VARIATIONS IN PAVEMENT TYPES, THICKNESSES OR AMOUNT OF REINFORCEMENT. THE ADJUSTMENT OF QUANTITIES AS SPECIFIED IN ARTICLE 440.07 OF THE STANDARD SPECIFICATIONS SHALL NOT APPLY. REMOVAL OF OTHER TYPES OF PAVEMENT COMPOSITION SUCH AS AGGREGATE OR A MIX OF AGGREGATE/OIL AND CHIP WILL BE MEASURED AND PAID FOR AS "EARTH EXCAVATION" IN ACCORDANCE WITH SECTION 202 OF THE STANDARD SPECIFICATIONS.
17. ALL DISTURBED AREAS SHALL BE SODDED OR SEEDDED AS SHOWN ON THE PLANS. SEEDING, SODDING, AND MULCHING SHALL BE DONE AS SOON AS EACH STAGE IS COMPLETED AS DIRECTED BY THE ENGINEER. EXISTING TURF WHICH IS DAMAGED OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY OR EASEMENTS SHALL BE REESTABLISHED WITH SOD OR SEED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
18. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.
19. THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:
- | | | |
|--|--|---|
| HOT-MIX ASPHALT (ALL TYPES)
AGGREGATE MATERIALS | 112 LBS/SQ YD 1/INCH THICKNESS
2.05 TON/CU YD | NUTRIENTS: 60 LB/ACRE (SODDING)
90 LB/ACRE (SEEDING) |
|--|--|---|
20. ALL SALVAGEABLE FRAMES AND GRATES WHICH ARE NOT INCORPORATED IN THE WORK SHALL BECOME THE PROPERTY OF THE CONTRACTOR. THE CONTRACTOR'S BID PRICE FOR VARIOUS STORM DRAINAGE WORK SHOULD REFLECT THE SALVAGE VALUE OF THE ITEMS.
21. ALL TRENCHES AND EXCAVATIONS FOR DRAINAGE PIPES, STRUCTURES, OR STRUCTURE REMOVALS BELOW OR WITHIN TWO FEET Laterally OF THE PROPOSED PAVEMENT, SHOULDER, DRIVEWAY PAVEMENT, SIDEWALK, OR CURB AND GUTTER SHALL BE BACK FILLED WITH TRENCH BACKFILL AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS. BACK FILLING WITH CONTROLLED LOW-STRENGTH MATERIAL AROUND DRAINAGE STRUCTURES WILL NOT BE MEASURED FOR PAYMENT BUT SHALL BE INCLUDED IN THE COST OF THE VARIOUS DRAINAGE STRUCTURES, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
22. STORM SEWER, WATER MAIN QUALITY SHALL BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FEET, OR WHERE THE WATER MAIN CROSSES BELOW THE SEWER, REGARDLESS OF VERTICAL SEPARATION, OR WHERE THE BOTTOM OF THE WATER MAIN IS LESS THAN 18 INCHES ABOVE THE TOP OF THE SEWER. THE MATERIAL SHALL BE AS INDICATED IN THE PROJECT SPECIFICATIONS.
23. WHEN CONNECTIONS ARE TO BE MADE TO EXISTING PIPING AND STRUCTURES, THE LOCATION, ELEVATION AND SIZE OF THE EXISTING PIPING SHALL BE FIELD VERIFIED AND NOTIFICATION GIVEN TO THE ENGINEER IF THE EXISTING PIPING OR STRUCTURE IS FOUND TO BE DIFFERENT THAN WHAT IS SHOWN ON THE DRAWINGS. WHERE SUCH DISCREPANCY IS FOUND, WORK SHALL NOT PROCEED UNTIL DIRECTED ACCORDINGLY BY THE ENGINEER.
24. WHERE PROPOSED STORM SEWERS ARE TO BE CONNECTED INTO EXISTING MANHOLES OR STORM SEWERS, THE CONNECTIONS SHALL BE MADE IN A WORKMANLIKE MANNER AND MASONRY CONSTRUCTED AROUND THEM SO AS TO PREVENT LEAKAGE. CONNECTIONS OF STORM SEWERS TO EXISTING STRUCTURES OR PIPES SHALL BE MADE BY CORE DRILLING HOLES IN THE STRUCTURES. SAW CUTTING HOLES MAY BE ALLOWED WITH THE APPROVAL OF THE ENGINEER. THE COST OF MAKING ANY SEWER CONNECTIONS TO AN EXISTING DRAINAGE STRUCTURE OR PIPE SHALL BE INCLUDED IN THE COST OF THE PROPOSED SEWER.
25. THE EXISTING STORM SEWERS SHOWN TO BE REMOVED ON THE PLANS SHALL BE REMOVED IN ACCORDANCE WITH SECTION 551 OF THE STANDARD SPECIFICATIONS EXCEPT THAT SALVAGING OF THE PIPE WILL NOT BE REQUIRED. ANY EXISTING PIPES TO BE ABANDONED IN PLACE SHALL BE FILLED WITH GROUT AT THE DIRECTION OF THE ENGINEER.
26. EXISTING PAVEMENTS, CURBS AND GUTTERS, AND SIDEWALKS IN WHICH THE TOP SURFACE IS TO BE JOINED TO THE PROPOSED WORK SHALL BE SO JOINED THROUGH SAW CUT JUNCTURES. 3/4" EXPANSION JOINT MATERIAL SHALL BE PLACED AT THESE JUNCTURES AS DIRECTED BY THE ENGINEER. COST INCLUDED IN PROPOSED WORK ITEMS WHERE THIS WILL BE PLACED.
27. WHERE THE PROPOSED COMBINATION CONCRETE CURB AND GUTTER JOINS THE EXISTING CURB AND GUTTER, A TRANSITION BETWEEN THE TWO CONFIGURATIONS MAY BE REQUIRED. THIS WORK WILL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR CURB AND GUTTER OF THE SIZE AND TYPE SPECIFIED IN THE PLANS.
28. BEFORE ORDERING DRAINAGE STRUCTURES OR PIPES, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR EXACT LENGTHS, SIZES, A QUANTITIES REQUIRED.
29. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF EIGHT SAND BAGS PER BARRICADE.
30. WHEN REQUIRED BY ARTICLE 420.18, A PROTECTIVE COAT SHALL BE APPLIED TO CONCRETE PAVEMENT, GUTTER FLAGS, CURB SURFACES, AND OTHER CONCRETE APPURTENANCES ADJACENT TO THE PAVEMENT.

31. THE CITY OF URBANA HAS ACQUIRED A N.P.D.E.S. PERMIT FOR THIS PROJECT FOR EROSION AND SEDIMENT CONTROL. TO SATISFY THE REQUIREMENTS OF THIS PERMIT, THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE PERIMETER EROSION BARRIER, INLET AND PIPE PROTECTION, INLET FILTERS, AND CONCRETE TRUCK WASHOUTS AS DIRECTED BY THE ENGINEER AND IN ACCORDANCE WITH STANDARD 280001 AND AS SHOWN IN THE PLANS. PERIMETER EROSION BARRIER SHALL BE INSTALLED AT LOCATIONS AS DIRECTED BY THE ENGINEER TO PREVENT SILT AND SEDIMENT FROM LEAVING THE SITE. INLET AND PIPE PROTECTION SHALL BE INSTALLED AT DRAINAGE STRUCTURES LOCATED IN TURF AREAS AS DIRECTED BY THE ENGINEER. INLET FILTERS SHALL BE INSTALLED AT ALL INLETS AND OPEN LID MANHOLES AS DIRECTED BY THE ENGINEER. CONCRETE TRUCK WASHOUT LOCATION SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER. ESTIMATED QUANTITIES FOR THE EROSION CONTROL ITEMS HAVE BEEN INCLUDED IN THE PROJECT AND MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.
32. HORIZONTAL CENTERLINE CONTROL POINTS AND VERTICAL BENCHMARKS ARE SHOWN FOR THE CONTRACTOR TO PHYSICALLY LOCATE MONUMENTATION IN THE FIELD. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN CENTERLINE CONTROL POINTS OR BENCHMARKS AND SET ADDITIONAL POINTS AND TIES AS NECESSARY TO INSURE THAT CONTROL POINTS AND BENCHMARKS CAN BE ACCURATELY REPLICATED DURING CONSTRUCTION.
33. THE CITY OF URBANA WILL BE RESPONSIBLE FOR NOTIFYING THE PUBLIC, THE MASS TRANSIT DISTRICT, THE UNITED STATES POSTAL SERVICE, AND THE EMERGENCY SERVICE AGENCIES OF ALL ROAD CLOSURES AND CHANGES IN THE TRAFFIC CONTROL PLANS. THE CONTRACTOR SHALL NOTIFY THE CITY OF URBANA OF ALL ROAD CLOSURES AND CHANGES IN THE TRAFFIC CONTROL PLANS A MINIMUM OF 48 HOURS IN ADVANCE OF THE CLOSURE OR CHANGE.
34. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE TO THE ENGINEER A DUST CONTROL PLAN IN ACCORDANCE WITH ARTICLE 107.36 OF THE STANDARD SPECIFICATIONS. DUST CONTROL SHALL BE USED FOR THE EARTHWORK OR ANY OTHER OPERATIONS THAT WARRANT DUST CONTROL MEASURES AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ALL DUST OR AIRBORNE EROSION FROM ADJACENT PROPERTIES IF CONCERNS OF HEALTH, SAFETY, OR DAMAGE TO THE PUBLIC ARISE FROM CONSTRUCTION OPERATIONS. WATER SHALL BE USED AS A DUST SUPPRESSANT AND CLEANING AGENT UNLESS DIRECTED OTHERWISE BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
35. THE CONTRACTOR SHALL USE CARE IN EXCAVATING TRENCHES AND SHALL FOLLOW ALL SAFETY REQUIREMENTS. IT SHALL BE NECESSARY TO SHORE TRENCHES OR USE TRENCH BOXES TO PROTECT WORKERS AND ADJACENT EXISTING SEWERS OR UTILITIES. GEOTECHNICAL INFORMATION IS AVAILABLE FOR THE EXISTING SOILS AND CAN BE OBTAINED FROM THE ENGINEER UPON REQUEST. EXCAVATIONS RESULTING FROM THE REMOVAL OF THE STORM SEWERS THAT ARE WITHIN TWO FEET OF PAVED SURFACES SHALL BE BACK FILLED WITH CONTROLLED LOW-STRENGTH MATERIAL.
36. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP OF THE SITE PRIOR TO FINAL ACCEPTANCE IN ACCORDANCE WITH ARTICLE 104.06 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL INCLUDE CLEANING ALL DRAINAGE FACILITIES OF FOREIGN MATERIALS IN ACCORDANCE WITH ARTICLE 602.15 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PERFORMED AS DIRECTED BY THE ENGINEER, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
37. EXISTING TRAFFIC CONTROL SIGNS AND POSTS SHALL BE REMOVED AND RESET, AS THE CASE MAY BE, AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS. EXISTING SIGNS THAT WILL NOT BE RESET AS DIRECTED BY THE ENGINEER SHALL BE RETURNED TO THE CITY OF URBANA'S PUBLIC WORKS GARAGE AT 706 S. GLOVER AVENUE. REMOVAL AND RE-INSTALLATION OF ALL EXISTING SIGNAGE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED WITHIN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.

UTILITY NOTES

1. UTILITY LOCATIONS WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES AND THEIR ACCURACY SHOULD BE CONSIDERED APPROXIMATE. NO RESPONSIBILITY IS ACCEPTED FOR THE LOCATIONS AS SHOWN OR THAT ALL UTILITY FACILITIES ARE SHOWN. UTILITY LOCATIONS SHOWN IN THE PLANS AND PROFILES ARE APPROXIMATE AND REPRESENT LOCATIONS PRIOR TO ANY UTILITY RELOCATIONS REQUIRED TO ACCOMMODATE THE PROPOSED CONSTRUCTION. THE CONTRACTOR IS ADVISED THAT SOME UTILITY COMPANIES MAY HAVE RELOCATED THEIR FACILITIES PRIOR TO THE START OF CONSTRUCTION UNDER THIS CONTRACT. BEFORE COMMENCING CONSTRUCTION OPERATIONS THE CONTRACTOR SHALL OBTAIN FROM THE ENGINEER ANY AVAILABLE INFORMATION REGARDING THE RELOCATED POSITIONS OF UTILITIES WITHIN THE PROJECT LIMITS. WHETHER VARIOUS UTILITIES HAVE BEEN RELOCATED OR REMAIN IN THEIR ORIGINAL LOCATION, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THEIR EXACT LOCATION AT THE TIME OF CONSTRUCTION AND TO PROTECT SAME. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN OVERHEAD UTILITY LINES AND THE EQUIPMENT USED FOR EXCAVATING. SEE "STATUS OF UTILITIES" SHEET WITHIN THE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION REGARDING KNOWN UTILITY RELOCATIONS OR ADJUSTMENTS REQUIRED FOR THE PROPOSED CONSTRUCTION. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE SPECIAL PROVISION ENTITLED "COOPERATION WITH UTILITIES" AND ARTICLES 105.07 AND 107.39 OF THE STANDARD SPECIFICATIONS.
2. PRIVATE UTILITY COMPANIES WILL BE MAKING ADJUSTMENTS OR RELOCATIONS TO THEIR FACILITIES DURING CONSTRUCTION OF THE ROADWAY IMPROVEMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND COOPERATING WITH THE UTILITY OWNERS WHILE THEY PERFORM THEIR WORK IN ACCORDANCE WITH ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. FOR UNDERGROUND UTILITY ADJUSTMENTS OR RELOCATIONS DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING EXISTING PAVEMENTS, SIDEWALKS, AND CURBS AND GUTTERS WITHIN THE STAGE CONSTRUCTION LIMITS TO ALLOW ACCESS TO THE UTILITIES. THE UTILITY COMPANIES WILL BE RESPONSIBLE FOR EXCAVATING, MAKING ANY NECESSARY ADJUSTMENTS OR RELOCATIONS, AND BACK FILLING THEIR EXCAVATIONS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF THE UTILITY OWNERS ARE NOT RESPONSIVE TO PERFORMING THEIR WORK IN A TIMELY MANNER. ANY ASSOCIATED COSTS FOR THESE REQUIREMENTS OR FOR DELAYS IN THE PROJECT WILL NOT BE CONSIDERED FOR PAYMENT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. THE JULIE NUMBER IS 800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.
4. UTILITY OWNERS:
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| •INDICATES J.U.L.I.E. MEMBER | •AMEREN ILLINOIS
1112 ANTHONY DRIVE
URBANA, ILLINOIS 61803
(217) 367-3409 | •AT&T
201 S. NEIL STREET
CHAMPAIGN, ILLINOIS 61820
(217) 398-7990 | •CITY OF CHAMPAIGN
702 EDGEBROOK DRIVE
CHAMPAIGN, ILLINOIS 61820
(217) 403-4710 | •UNIVERSITY OF ILLINOIS,
TECHNOLOGY SERVICES
2434 DIGITAL COMPUTER
LAB, MC-256
1304 W. SPRINGFIELD AVE.
URBANA, IL 61801
BRIAN COCKERHAM
(217) 333-0547 |
| •ILLINOIS AMERICAN WATER
1406 CARDINAL CT.
URBANA, ILLINOIS 61801
(217) 373-3258 | •COMCAST
303 FAIRLAWN DRIVE
URBANA, ILLINOIS 61801
(217) 384-2510 | •WINDSTREAM
102 EAST SHAFER STREET
FORSYTH, ILLINOIS 62535
(319) 790-1464 | •LIGHTCORE
1151 CENTURY TEL DRIVE, BLDG A
WENTZVILLE, MISSOURI 63385
(800) 604-6688 | |
| •METRO COMMUNICATIONS
8 S. WASHINGTON STREET, SUITE 200
SULLIVAN, ILLINOIS 61951
(217) 728-2827 | •ITV3/UC2B
602 HIGH POINT LANE
EAST PEORIA, ILLINOIS 61611
(309) 670-0400 | •CONXXUS
607 S. STATE STREET
JERSEYVILLE, ILLINOIS 62052
(618) 535-1081 | •GARGOYLE TECHNOLOGIES
312 W. SPRINGFIELD AVENUE *200
URBANA, ILLINOIS 61801
(217) 367-8656 | |
| •CITY OF URBANA (STREET LIGHTS,
SIGNALS, STORM AND SANITARY SEWERS)
706 S. GLOVER AVE.
URBANA, ILLINOIS 61802
(217) 384-2342 | •PAVLOV MEDIA
206 N. RANDOLPH ST.
STE. 200
CHAMPAIGN, ILLINOIS 61820
(217) 384-2342 | | | |
5. ANY DAMAGE TO THE UNDERGROUND FACILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE UTILITY OWNER AT THE CONTRACTOR'S EXPENSE, INCLUDING TEMPORARY REPAIRS WHICH MAY BE REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. UTILITY ADJUSTMENTS SHALL BE MADE BY THE UTILITY COMPANIES UNLESS NOTED OTHERWISE.
6. ALL UTILITY FACILITIES THAT REQUIRE RELOCATION WITHIN CITY/UNIVERSITY R.O.W. SHALL BE RELOCATED BY THE UTILITY COMPANY UNLESS OTHERWISE SHOWN IN THE PLANS.
7. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE REMOVED AND DISPOSED OUTSIDE THE LIMITS OF THE 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 SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. MANY OF THE UNIVERSITY OF ILLINOIS UTILITIES AND STEAM TUNNELS ARE SHALLOW AND CARE MUST BE TAKEN AROUND THESE FACILITIES. ASSUMED DEPTHS LISTED BELOW ARE APPROXIMATE AND MAY BE MUCH LESS IN SOME LOCATIONS.
9. THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL OBTAIN EXACT UTILITY LOCATIONS FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION. THE FOLLOWING STANDARD UTILITY DEPTHS WERE USED IF INFORMATION WAS UNAVAILABLE:
- | | |
|--|---|
| GAS - 2.5 FEET
CABLE TV - 1.5 FEET
ELECTRIC - 3 FEET | SANITARY SEWER - 2.5 FEET
WATER - 4 FEET |
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10. ALL ELECTRIC LINES WILL REMAIN ENERGIZED DURING CONSTRUCTION UNLESS OTHERWISE COORDINATED WITH THE UTILITY COMPANY.

LAYOUT	RLA	11/24/15
DRAWN	RLA	8/24/16
REVIEWED	MGD	8/25/16

LEGEND

EXISTING		PROPOSED
	INLET OR CATCH BASIN	
	MANHOLE	
	UTILITY WARNING SIGN	
	SERVICE BOX SHUTOFF	
	VALVE	
	WATER MANHOLE	
	WATER METER	
	FIRE HYDRANT	
	GAS METER	
	GAS REGULATOR	
	GAS VENT PIPE	
	ELECTRIC MANHOLE	
	ELECTRIC METER	
	ELECTRIC PEDESTAL	
	ELECTRIC JUNCTION BOX	
	POWER POLE	
	POWER POLE W/LIGHT	
	POWER POLE W/TRANSFORMER	
	ROADWAY LIGHTING CONTROLLER	
	ROADWAY STREET LIGHT	
	ORNAMENTAL STREET LIGHT	
	GUY POLE	
	GUY WIRE	
	TELEPHONE POLE	
	TELEPHONE MANHOLE	
	MONUMENT	
	IRON PIN/PIPE FOUND	
	RIGHT-OF-WAY MARKER	
	SOIL BORING	
	PAVEMENT CORE	
	TRAFFIC SIGNAL CONTROL BOX	
	TRAFFIC SIGNAL POST	
	TRAFFIC SIGNAL MAST ARM	
	PEDESTRIAN PUSH BUTTON POST	
	TRAFFIC SIGNAL HANDHOLE	
	TRAFFIC SIGNAL JUNCTION BOX	
	STREET SIGN	
	TRAFFIC SIGN	
	DELINEATOR	
	PARKING LOT LIGHT	
	YARD LIGHT	
	MAILBOX	
	PARKING METER	
	IRRIGATION CONTROL BOX	
	IRRIGATION HEAD	
	TANK FILLER CAP	
	INSPECTION WELL	
	CLEANOUT	
	DOWNSPOUT	
	BOLLARD	
	FENCE POST	
	GATE POST	
	FLAG POLE	
	FLOOD LIGHT	
	TREE STUMP	
	BUSH	
	CONIFEROUS TREE	
	DECIDUOUS TREE	
	SHADE TREE	

LEGEND

EXISTING		PROPOSED
	WATER LINE	
	IRRIGATION WATER LINE	
	GAS LINE	
	U OF I GAS LINE	
	OVERHEAD ELECTRIC	
	UNDERGROUND ELECTRIC	
	OVERHEAD TELEPHONE	
	UNDERGROUND TELEPHONE	
	UNDERGROUND TELEPHONE (FIBER OPTIC)	
	CABLE TELEVISION	
	COMMUNICATION LINE	
	FIBER OPTIC LINE	
	STEAM LINE	
	CHILLED WATER RETURN	
	CHILLED WATER SUPPLY	
	COMPRESSED AIR	
	FORCE MAIN	
	SANITARY SEWER	
	STORM SEWER	
	STORM SEWER WATER MAIN QUALITY	
	PIPE UNDERDRAIN	

ILLINOIS HIGHWAY STANDARD DRAWINGS

STANDARD NO.	DESCRIPTION
000001-06	STANDARDS SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-08	PAVEMENT JOINTS
420101-05	24' JOINTED PCC PAVEMENT
420106-05	36' JOINTED PCC PAVEMENT
420111-03	PCC PAVEMENT ROUNDOUTS
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-02	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-02	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-03	DEPRESSED CORNER FOR SIDEWALKS
424026-01	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
424031-01	MEDIAN PEDESTRIAN CROSSINGS
442101-07	CLASS B PATCHES
601001-05	PIPE UNDERDRAINS
602301-04	INLET, TYPE A
602306-03	INLET, TYPE B
602401-03	MANHOLE, TYPE A
602406-07	MANHOLE, TYPE A, 6' DIAMETER
602411-05	MANHOLE, TYPE A, 7' DIAMETER
602601-04	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-04	FRAME AND LIDS, TYPE 1
604006-05	FRAME AND GRATE, TYPE 3
604011-05	FRAME AND GRATE, TYPE 3V
604036-03	GRATE, TYPE 8
604051-04	FRAME AND GRATE, TYPE 11
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
668001-01	U.S. GEOLOGICAL SURVEY AND NATIONAL GEODETIC SURVEY BENCHMARKS RESETTING METHOD
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-06	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701602-07	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-05	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
8360021-02	LIGHT POLE FOUNDATIONS
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
877011-07	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-10	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

DISTRICT 5 STANDARD DRAWINGS

STANDARD NO.	DESCRIPTION
70200000	TRAFFIC CONTROL & PROTECTION DEVICES (ROAD & SIDE ROAD CLOSURES)
70200100	DISABLED PARKING
7800AAAA	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

DISTRICT 5 GENERAL NOTES

- 100 ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.
- 202 GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER.
- THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 406 THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

BITUMINOUS MIXTURE REQUIREMENTS				
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:				
LOCATIONS	GREEN STREET/ LINCOLN AVENUE	GREEN STREET	GREEN STREET/ LINCOLN AVENUE	VARIOUS
MIXTURE USE(S):	LEVEL BINDER	BINDER COURSE	SURFACE COURSE	INCIDENTAL HOT-MIX ASPHALT
PG:	SBS-PG 70-22	SBS-PG 70-22	SBS-PG 70-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN=70	4.0% @ NDESIGN=70	4.0% @ NDESIGN=70	4.0% @ NDESIGN=50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 FG	IL 19.0	IL 9.5	IL 9.5
FRICTION AGGREGATE:	N/A	N/A	MIXTURE D	MIXTURE C
MIXTURE WEIGHT:	112 LB/SQ YD/IN	112 LB/SQ YD/IN	112 LB/SQ YD/IN	112 LB/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A	N/A	N/A

MINIMUM MIXTURE REQUIREMENT NOTES

THE MIXTURE REQUIREMENTS SET FORTH IN THE TABLE ABOVE ARE MINIMUM MIXTURE REQUIREMENTS. THE CONTRACTOR MAY SUBSTITUTE HIGHER FRICTION AGGREGATE HMA MIXTURES FOR A LOWER FRICTION AGGREGATE HMA MIXTURE AT THE CONTRACT UNIT PRICE FOR THE LOWER FRICTION AGGREGATE HMA MIXTURE. THE CONTRACTOR MAY SUBSTITUTE HIGHER DESIGN AIR VOIDS HMA MIXTURES FOR A LOWER DESIGN AIR VOIDS HMA MIXTURE AT THE CONTRACT UNIT PRICE OF THE LOWER DESIGN AIR VOIDS HMA MIXTURE.

- 440C THE MACHINE USED FOR HOT-MIX ASPHALT SURFACE REMOVAL ON THE THROUGH TRAFFIC LANES ON THIS JOB SHALL BE CAPABLE OF REMOVING A LAYER OF BITUMINOUS MATERIAL AT LEAST 10 FT. IN WIDTH AND 1 1/2 INCHES IN DEPTH IN A SINGLE PASS.
- 442B THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF BOTH FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.
- ### COMMITMENTS
- A. THE PRELIMINARY SITE INVESTIGATIONS (PSI) WILL BE COMPLETED BEFORE THE PROJECT IS INCLUDED ON A LETTING. PSI REPORT IS AVAILABLE FROM THE CITY OF CHAMPAIGN.
- B. SPECIAL CONDITIONS FOR ACCESS TO PROPERTIES DURING CONSTRUCTION WILL BE INCLUDED IN THE CONSTRUCTION DOCUMENTS. PROVISIONS WILL BE INCLUDED TO REQUIRE COMMUNICATIONS WITH PROPERTY OWNERS THROUGHOUT THE CONSTRUCTION PROCESS. MAIL DELIVERY IS DONE BY CARRIER AND PEDESTRIAN ACCESS WILL BE MAINTAINED THROUGHOUT THE PROJECT.
- C. FINAL CHAMPAIGN-URBANA MASS TRANSIT DISTRICT (CUMTD) ROUTE DETOURS WILL BE DETERMINED BEFORE THE PROJECT IS INCLUDED ON A LETTING.
- D. THE TEMPORARY EASEMENTS FOR 809 W. GREEN STREET AND 810 W. GREEN STREET ARE AVAILABLE FROM APRIL 1, 2017 TO MARCH 31, 2018 AND ONCE WORK BEGINS ON EACH PROPERTY IT MUST BE COMPLETED 120 DAYS THEREAFTER.

FILE NAME =
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PLOT DATE =
8/25/2016 1:23:56 PM

DESIGNED - RLA	REVISED -
DRAWN - RLA	REVISED -
CHECKED - MGD	REVISED -
DATE - 8/26/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT 1 - GREEN STREET
HIGHWAY STANDARDS AND LEGEND

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7126	15-00304-01-PV	CHAMPAIGN	236	3
MCORE PROJECT 1		CONTRACT NO. 91539		
JOB NO. C-95-305-16 ILLINOIS FED. AID PROJECT TIG-5181057				