

GENERAL NOTES

1. THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.
2. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - * AMERIN IP (GAS AND ELECTRIC)
 - * AT&T (COMMUNICATIONS)
 - * CITY OF BELLEVILLE (SANITARY SEWER)
 - * CHARTER COMMUNICATIONS (CABLE TV)
 - * ILLINOIS AMERICAN WATER COMPANY (WATER)
 - * VERIZON BUSINESS (COMMUNICATIONS)
 - * 360 NETWORKS USA (COMMUNICATIONS)
- MEMBERS OF J.U.L.I.E. (800)-892-0123 ARE INDICATED BY *. NON J.U.L.I.E. MEMBERS MUST BE CONTACTED INDIVIDUALLY.
3. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR ITS UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. IF LOCATING UNDERGROUND CABLE IS NOT INCLUDED AS A PART OF THE PLANS, THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
4. ALL EXISTING AND PROPOSED RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN ON THE PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.
5. IN ADDITION TO THE FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
6. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
7. ALL DIMENSIONS ARE SHOWN IN FEET UNLESS NOTED, PAVEMENT THICKNESS, CULVERT SIZE, TRAFFIC SIGNAL CONDUIT SIZES, AND PAVEMENT MARKING WIDTHS ARE SHOWN IN INCHES UNLESS NOTED.
8. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF 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 PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
9. THE THICKNESS OF 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 MIXTURE IS PLACED.
10. EXCEPT AS NOTED IN THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE EDGE OF PAVEMENT SURFACES.
11. ANY EARTHWORK ASSOCIATED WITH REMOVAL OR PLACEMENT OF THE GUTTER AND CURB & GUTTER SHALL BE INCLUDED IN THE COST FOR THE GUTTER AND COMBINATION CONCRETE CURB & GUTTER.
12. THE MANUFACTURER SHALL SPECIFICALLY RECOMMEND ALL EROSION CONTROL PRODUCTS FURNISHED FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATE BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURERS RECOMMENDED INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.
13. ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTORS EXPENSE.
14. SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION. ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER AS SOON AS POSSIBLE. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTORS EXPENSE.
15. MULCH, UNLESS OTHERWISE PERMITTED BY THE ENGINEER, SHALL CONFORM TO METHOD 2, PROCEDURE 2 AS SPECIFIED IN ARTICLE 251.03.
16. EXISTING TREES THAT ARE NOT SHOWN ON THE PLANS AS "TO BE REMOVED" SHALL REMAIN UNDAMAGED.
17. THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED. DAMAGE IS THE CONTRACTORS RESPONSIBILITY.
18. EXCAVATION ADJACENT TO EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH STEADY BURN LIGHTS.
19. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT EACH END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE 48" X 48".
20. THE CONTRACTOR SHALL FURNISH AND INSTALL TWO WEIGHTED SANDBAGS ON ALL TYPE I AND TYPE II BARRICADES USED.
21. ALL TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
22. SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, PRIMED AND FINAL BITUMINOUS SURFACE WHEN THE ROADWAY IS OPEN TO TRAFFIC BETWEEN THESE OPERATIONS. ONLY THE REMOVAL OF THE FINAL SURFACE APPLICATION SHALL BE PAID FOR AS WORK ZONE PAVEMENT MARKING REMOVAL - SQ FT. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT SKIP DASH 4" THERMOPLASTIC PAVEMENT MARKING HAS BEEN ADDED TO THE PLANS.
23. THE TRANSITION FROM PROPOSED B-6.24 C & G TO PROPOSED B-6.12 C & G WILL OCCUR WITHIN THE PROPOSED MEDIAN NOSE. THE TRANSITION WILL BE INCLUDED IN THE UNIT PRICE PER SQUARE FOOT FOR "CONCRETE MEDIAN, TYPE SB-6.24".
24. FLAG AND CURB TRANSITIONS OF PROPOSED B-6.24 C & G OR PROPOSED B-6.12 C & G TO MATCH EXISTING B-9.24 C & G WILL OCCUR IN 6 FEET. THIS WORK WILL BE MEASURED AND PAID AT THE UNIT PRICE PER FOOT FOR "COMBINATION CONCRETE CURB AND GUTTER" OF THE TYPE SPECIFIED.
25. THE CURB OF ALL PROPOSED CURB AND GUTTER SHALL TRANSITION IN 6 FEET FROM FULL HEIGHT TO THE GRADES OF ABUTTING SHOULDERS AND ENTRANCES. THE COST OF THIS TRANSITION WILL BE INCLUDED IN THE UNIT PRICE PER FOOT FOR "COMBINATION CURB AND GUTTER" OF THE TYPE SPECIFIED.
26. THE REMOVAL OF AGGREGATE ENTRANCES SHALL BE PAID FOR AS "EARTH EXCAVATION".
27. GROUNDWATER LEVELS MAY ENCRONCH ON THE CONSTRUCTION LIMITS FOR THE BOX CULVERT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTROL THE GROUNDWATER AND DIVERT THE STREAM FLOW DURING CONSTRUCTION IN ORDER TO KEEP THE CONSTRUCTION AREA FREE OF WATER. THE METHOD OF CONTROLLING THE WATER SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER AND THE COST WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE BOX CULVERT.
28. A QUANTITY OF REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL IS INCLUDED IN THE PLANS FOR THE BOX CULVERT. THE REMOVAL DEPTH IS 3 FEET BELOW THE BOTTOM WALL OF THE PROPOSED CULVERT. THE EXCAVATION LIMITS ARE 2 FEET OUTSIDE EACH VERTICAL CULVERT WALL AND 2 FEET OUTSIDE THE END SECTION. THE RESULTING EXCAVATION SHALL BE BACKFILLED WITH POROUS GRANULAR EMBANKMENT WITHIN THE LIMITS DESCRIBED ABOVE UP TO THE BOTTOM WALL OF THE PROPOSED BOX CULVERT.
29. A QUANTITY OF TRENCH BACKFILL IS PROVIDED IN THE PLANS FOR THE BOX CULVERT. PLACEMENT AND COMPACTION OF TRENCH BACKFILL SHALL CONFORM TO ARTICLE 502.10 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 95% OF THE STANDARD LABORATORY DENSITY. THE PAY LIMITS ARE WITHIN 2 FEET OF THE BACK OF CURB AND EXTEND 2 FEET OUTSIDE EACH VERTICAL CULVERT WALL AT THE BASE OF THE CULVERT FLOOR AND EXTEND VERTICALLY TO THE BOTTOM OF THE PROPOSED SUBGRADE. THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE PER CUBIC YARD FOR TRENCH BACKFILL.
30. CONNECTING PROPOSED PIPE UNDERDRAINS TO EXISTING UNDERDRAINS OR DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF "PIPE UNDERDRAINS" AND PIPE UNDERDRAINS (SPECIAL) OF THE SIZE SPECIFIED.
31. TEMPORARY PAVEMENT MARKING IS INCLUDED FOR NEWLY CONSTRUCTED PAVEMENT ONLY. THE EXISTING PAVEMENT MARKING WILL NOT BE IMPACTED BY PROPOSED WIDENING. PRIOR TO FINAL STRIPING EXISTING PAVEMENT MARKING SHALL BE REMOVED AND RESTRIPEID.

HOT-MIX ASPHALT REQUIREMENTS

MIXTURE TYPE	THICKNESS	AC TYPE	VOIDS
MAINLINE TURN LANES			
HOT-MIX ASPHALT BASE COURSE WIDENING	12"	PG 64-22	4% @ 70 Gyr
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	2"	SBS PG 76-22	4% @ 70 Gyr
MAINLINE SHOULDER			
HOT-MIX ASPHALT SHOULDER	10"	PG 64-22	2% @ 30 Gyr
ACCESS ROAD R1 AND CITY STREET			
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10" - CONSISTING OF:			
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 (IL 9.5 mm)	2"	PG 64-22	4% @ 70 Gyr
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	8"	PG 64-22	4% @ 70 Gyr

UNIT WEIGHT USED TO CALCULATE HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.
WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

COMMITMENTS: NONE

PERTINENT INFORMATION - CONTACT 1 WEEK PRIOR TO ENTRANCE CLOSURE:

WEIL TRAILER SALES MR. JAMES LOMBARDO 1320 EAST ILLINOIS HWY 15 BELLEVILLE, IL 62221 618-236-2444	ECKERT'S COUNTRY STORE AND FARMS MR. CHRIS ECKERT 901 SOUTH GREEN MOUNT RD. BELLEVILLE, IL 62220 618-779-8646
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