

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	MACON	106	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
** 05-00525-005W				

**GENERAL NOTES**

- 1.) G.N. 1004.01  
COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-16 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.
- 2.) G.N. 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.
- 3.) ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON CITY OF DECATUR DATUM. STATION AND OFFSET CALL OUTS ARE FROM THE CENTERLINE OF SURVEY FOR ALL STREETS.
- 4.) G.N. 107.31  
UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED AND THEIR ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY. THESE UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED.

J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM  
(800) 892-0123.

THE FOLLOWING UTILITY OWNERS MARKED WITH AN '\*' BELONG TO J.U.L.I.E.:

- \* AT&T - TELEPHONE
- \* AMEREN IP - ELECTRIC - NATURAL GAS
- \* INSIGHT CABLE
- \* CITY OF DECATUR

- 5.) G.N. 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 FOR THE VARIOUS ITEMS OF WORK AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

- 6.) G.N. 208  
ALL TRENCHES WITHIN TWO FEET OF THE PROPOSED PAVEMENT, DRIVEWAY PAVEMENT, SIDEWALK OR CURB AND GUTTER SHALL BE BACKFILLED WITH TRENCH BACKFILL IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

ESTIMATED QUANTITY:  
497 CUBIC YARDS TRENCH BACKFILL

- 7.) G.N. 252A  
ALL AREAS DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE SODDED AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.

ESTIMATED QUANTITY:  
3312 SQ YDS SODDING, SPECIAL

- 8.) G.N. 406H  
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION(S):	FAIRVIEW AVE.
MIXTURE USE(S):	SURFACE COURSE
AC/PG:	PG 64-22
RAP %: (MAX)	15%
DESIGN AIR VOIDS:	4.0 @ NDES = 70
MIXTURE COMPOSITION:	
(GRADATION MIXTURE)	IL-9.5
FRICTION AGGREGATE:	MIX C

LOCATION(S):	FAIRVIEW AVE./WEST MAIN
MIXTURE USE(S):	LEVELING BINDER, BINDER COURSE
AC/PG:	PG 64-22
RAP %: (MAX)	25%
DESIGN AIR VOIDS:	4.0 @ NDES = 70
MIXTURE COMPOSITION:	
(GRADATION MIXTURE)	IL-19.0
FRICTION AGGREGATE:	N/A

- 9.) G.N. 440  
THE EXISTING PAVEMENT SHALL BE COLD MILLED TO THE DEPTH(S) SPECIFIED IN ORDER TO HELP ESTABLISH THE PROPOSED PROFILE GRADE WITH A CONSTANT CROSS SLOPE AS SPECIFIED.

ESTIMATED QUANTITY:  
4694 SQ YDS HMA SURFACE REMOVAL, VARIABLE DEPTH

- 10.) G.N. 440C  
THE MACHINE USED FOR BITUMINOUS SURFACE REMOVAL ON THE THROUGH TRAFFIC LANES ON THIS JOB SHALL BE CAPABLE OF REMOVING A LAYER OF BITUMINOUS MATERIAL AT LEAST 12 FT. IN WIDTH AND 2 INCHES IN DEPTH IN A SINGLE PASS.
- 11.) G.N. 551  
WHERE NOTED ON PLANS, EXISTING STORM SEWERS SHALL BE REMOVED IN ACCORDANCE WITH SECTION 551 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE CONTRACTOR WILL NOT BE REQUIRED TO SALVAGE ANY EXISTING SEWER PIPE.
- 12.) ALL MARKERS USED TO DEFINE THE SURVEY CENTERLINE CONTROL POINTS (P.C.'s, P.I.'s, P.T.'s, P.O.T.'s) AND LAND SURVEY MONUMENTS (LAND SECTION OR SUB-SECTION CORNERS) THAT ARE WITHIN THE PROJECT LIMITS SHALL BE PRESERVED IN ACCORDANCE WITH THE PLANS, SPECIAL DETAILS AND AS DIRECTED BY THE ENGINEER.

WHEN THE ENGINEER DETERMINES LAND SURVEYOR SERVICES ARE REQUIRED, THEY WILL BE PROVIDED BY CITY OF DECATUR.

- 13.) AT LOCATIONS WHERE EXISTING SIGNS ARE ENCOUNTERED BY CONSTRUCTION, THE CONTRACTOR SHALL REMOVE AND REINSTALL AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICES FOR THE PROJECT. NO ADDITIONAL COMPENSATION IS ALLOWED.

- 14.) AT LOCATIONS WHERE CONSTRUCTION REQUIRES ADJACENT EXISTING TREES TO BE TRIMMED, THE CONTRACTOR SHALL NOTIFY THE PROPERTY OWNER INVOLVED, 7 DAYS IN ADVANCE FOR EACH TREE LOCATION TO BE TRIMMED. THE CONTRACTOR SHALL BE REQUIRED TO KEEP THE TREE TRIMMING TO A MINIMUM AMOUNT FOR ACCOMMODATING HIS CONSTRUCTION ACTIVITIES.

- 15.) AT LOCATIONS WHERE SANITARY SEWER SERVICE OR WATERMAIN SERVICE IS REQUIRED TO BE ADJUSTED, THE CONTRACTOR WILL NOTIFY THE OWNER AND CITY OF DECATUR 48 HOURS IN ADVANCE OF THIS INTERRUPTION OF SERVICE AND COMPLETE THE SERVICE ADJUSTMENT IN NOT MORE THAN AN 8 HOUR WORK PERIOD.

- 16.) THE PROPOSED STORM SEWER SHALL BE CONNECTED TO EXISTING STORM SEWER, MANHOLES, AND/OR EXISTING PIPE CULVERTS AT VARIOUS LOCATIONS SHOWN ON THE PLANS. THE CONNECTIONS TO EXISTING PIPES SHALL INCLUDE THE REMOVAL OF A PORTION OF THE EXISTING PIPE TO RECEIVE THE NEW STORM SEWER PIPE AND THE SEALING OF THE CONNECTION WITH MORTAR. THE CONNECTIONS TO EXISTING MANHOLES AND INLET WALLS SHALL INCLUDE THE REMOVAL OF A PORTION OF THE EXISTING STRUCTURE TO PROPER DIAMETER OPENING TO ACCEPT NEW STORM SEWER PIPE AND SEALING OF THE CONNECTION WITH MORTAR.

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE STORM SEWER OF THE SIZE INVOLVED.

- 17.) ALL CROSS ROADS WITH ADJACENT SIDEWALKS SHALL BE PROVIDED WITH SIDEWALK RAMPS (SEE DETAILS). WHERE SIDEWALK REMOVAL IS NECESSARY NEXT TO SIDEWALK TO REMAIN, THE SIDEWALK SHALL BE SAW CUT FULL DEPTH AT AN EXISTING CONSTRUCTION JOINT. COST SHALL BE INCLUDED IN SIDEWALK REMOVAL.

- 18.) FULL DEPTH SAW CUT IS REQUIRED BETWEEN EXISTING PAVEMENT AND MEDIANS, GUTTERS AND /OR COMBINATION CURB AND GUTTERS. TIE BARS THAT ARE FOUND SHALL BE CUT FLUSH WITH THE FACE OF THE EXISTING CONCRETE AND DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. PROVIDE LONGITUDINAL JOINT TIE BARS PER STD. 420001 DRILLED AND GROUTED INTO EXISTING PAVEMENT. COST FOR DRILLED AND GROUTED BARS IS INCLUDED IN COMBINATION CURB AND GUTTER PAY ITEMS.

- 19.) RETAINING WALLS ADJACENT TO SIDEWALK TO BE REPLACED SHALL BE PROTECTED FROM DAMAGE. THE ENGINEER SHALL APPROVE ANY RETAINING WALL REPAIR OR REPLACEMENT.

- 20.) TOPSOIL SHALL BE USED FOR THE AREAS OF PLANTING BEDS, AND THE AREA BETWEEN THE BACK OF CURB AND THE MULTIPURPOSE TRAIL. THE DEPTH OF TOPSOIL BACKFILL SHALL BE AS SHOWN IN THE PLANS.

ESTIMATED QUANTITY:  
100 CU YDS TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH  
3312 SQ YDS TOPSOIL FURNISH AND PLACE, 4"

**IDOT HIGHWAY STANDARDS**

000001-05	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
001001-01	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
602301-01	INLET - TYPE A
602306-01	INLET - TYPE B
602401-01	MANHOLE TYPE A
602601-01	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-02	FRAME AND LIDS TYPE 1
604006-03	FRAME AND GRATE TYPE 3
604036-01	GRATE TYPE 8
604041-01	FRAME AND GRATE TYPE 9
604051-02	FRAME AND GRATE TYPE 11
606001-03	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-03	PC CONCRETE ISLANDS AND MEDIANS
606306-02	CORRUGATED PC CONCRETE MEDIANS
701001-01	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 4.5M (15') AWAY
701006-02	OFF-RD OPERATIONS, 2L, 2W, 4.5M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701011-01	OFF-RD MOVING OPERATIONS, 2L 2W, DAY ONLY
701101-01	OFF-RD OPERATIONS, MULTILANE, 4.5M (15') TO 600MM (24") FROM PAVEMENT EDGE
701106-01	OFF-RD OPERATIONS, MULTILANE, MORE THAN 4.5M (15') AWAY
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-02	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701602-03	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-05	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-05	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-03	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901	TRAFFIC CONTROL DEVICES
720001	SIGN PANEL MOUNTING DETAILS
780001-01	TYPICAL PAVEMENT MARKINGS
805001	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-01	HANDHOLES
877001-03	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-06	CONCRETE FOUNDATION DETAILS
880006	TRAFFIC SIGNAL MOUNTING DETAILS
886001	DETECTOR LOOP INSTALLATIONS
886006	TYPICAL LAYOUTS FOR DETECTION LOOPS

REV. NO.	DESCRIPTION	BY	DATE	APPROVED
<b>GENERAL NOTES AND STANDARDS</b>				
DESIGN BWC	WEST MAIN STREET PHASE II CITY OF DECATUR	SCALE		
DATE				
DRAWN RJC		BWC PROJECT NO. 009-0605		
DATE				
CHECKED	<b>BWC</b> BLANK, WESSELINK, COOK & ASSOCIATES, INC.			DATE
DATE				
APPROVED				
DATE				
CLIENT APPR.	ARCHITECTS ENGINEERS			
DATE	2623 EAST PERSHING ROAD DECATUR, IL 62524 (217) 428-0973 FAX (217) 428-8934			