

GENERAL NOTES

1. THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2012", SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JANUARY 1, 2012 AND THE SPECIAL PROVISIONS.

2. THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE PROVISIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER PERMIT AND IMPLEMENT THE EROSION CONTROL PLAN INCLUDED IN THE PLANS, AS SPECIFIED IN ARTICLE 107.23, THE ENGINEER MUST GIVE PRIOR APPROVAL BEFORE DISTURBANCE OF ANY AREA CAN BEGIN.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATION, THE J.U.L.I.E. NUMBER IS 1-800-892-0123.

THE FOLLOWING UTILITY COMPANIES HAVE FACILITIES NEAR OR WITHIN THE PROJECT LIMITS:

AT&T - 203 GOETHE, COLLINSVILLE, IL 62234	618-346-6426
AMEREN ILLINOIS - 2800 N. CENTER, MARYVILLE, IL 62062	618-346-1210
BUCKEYE PARTNERS - 1315 N. STERLING AVE, SUGAR CREEK, MO 64054	219-713-6913
EXPLORER PIPELINE COMPANY - P.O. Box 2650, TULSA, OK 74101	
FOSTERBURG WATER DISTRICT - 3216 MAIN ST., ALTON, IL 62002	618-259-0935
MADISON TELEPHONE - 2166 DOUBLE ARCH ROAD, P.O. BOX 29, STAUNTON, IL 62088	618-635-3214
SOUTHWESTERN ELECTRIC COOPERATIVE - 525 US ROUTE 40, GREENVILLE, IL 62246	800-637-8667

4. IN ADDITION TO FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSION AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION DUE TO A 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.

5. ALL STATION AND OFFSET REFERENCES ARE TO THE PROPOSED ROADWAY CENTERLINE, UNLESS OTHERWISE NOTED. THE STATE PLANE COORDINATE SYSTEM HAS BEEN USED FOR THE HORIZONTAL CONTROL.

6. ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM.

7. THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE BITUMINOUS BINDER AND SURFACE COURSES.

8. 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 AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE 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.

9. REMOVAL OF AGGREGATE MATERIAL AND OIL & CHIP BITUMINOUS MATERIAL SHALL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

10. FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES.

BITUMINOUS CONCRETE SURFACE COURSE	112 LBS/SQYD-IN
ALL AGGREGATE	2.05 TONS/CUYD
BITUMINOUS MATERIALS (PRIME COAT)	0.5 GAL/SQYD
AGGREGATE (PRIME COAT)	6LBS/SQYD
SEEDING FERTILIZER RATIO (NIT:PHOS:POT)	90:90:90 LBS/ACRE
MULCH	2 TONS/ACRE
TEMPORARY EROSION CONTROL SEEDING	100 LBS/ACRE

11. ONLY THOSE TREES APPROVED FOR REMOVAL BY THE ENGINEER SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES, PLANTS, AND WETLANDS FROM DAMAGE. ALL TREES AND STUMPS INDICATED ON THE PLANS FOR REMOVAL SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

12. ALL "CLASS C" PIPE CULVERTS SHALL BE PRECOATED GALVANIZED CORRUGATED STEEL PIPE.

13. IF ASH TREES ARE REMOVED ON THE PROJECT, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH MEASURES SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER. THE IDOA INFORMATION FOR ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT WWW.AGR.STATE.IL.US/EAB.

14. TRANSVERSE CONTRACTION JOINTS SHALL BE CONSTRUCTED IN THE CONCRETE GUTTER, TYPE B ON 25' SPACINGS. EXPANSION JOINTS SHALL BE CONSTRUCTED 3' EITHER SIDE OF DRAINAGE CASTINGS.

MIXTURE REQUIREMENTS - H-M-A PROJECT

ROUTE	F.A.S. 2735
SECTION	03-00053-01-WR
COUNTY	Madison
CONTRACT	

DESCRIPTION:	Renken Road from IL Rte 159 to just east of Prairietown
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ADT (Construction Yr):	1,900
MU%:	2
SU%:	4
20 YR. ESAL'S:	0.31

MIXTURE USE	SURFACE	BINDER	LEVEL BINDER	LEVEL BINDER < 2.5"	INCIDENTAL SURF
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	10%	10%	10%	10%	10%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)		IL 19.0 FG			
FRICION AGG	MIXTURE "C"	MIXTURE "B"	MIXTURE "C"	MIXTURE "C"	MIXTURE "C"

MIXTURE USE	SHOULDERS	TOP LIFT SHOULDERS	HMA BASE CSE 6 1/2"	HMA BASE CSE WID
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	30%	30%	10%	10%
DESIGN AIR VOIDS	2.0% @ Ndes=30	**2.0% @ Ndes=30	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)			IL 19.0	IL 19.0
FRICION AGG	BAM	BAM	MIXTURE "B"	MIXTURE "B"

** Top Lift Shoulders - Design this mix at 2.0% voids and add asphalt to reduce voids to 1.5%.

Plan quantities for HMA Surface Course items are calculated using a unit weight of 112 lb/sq yd/in (59.8 kg/sq m/25 mm thickness).