

GENERAL NOTES

- EXISTING UNDERGROUND AND ABOVE-GRADE FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED ON THESE CONTRACT DOCUMENTS BASED UPON THE INFORMATION AND SURVEYS AVAILABLE AT THE TIME OF DRAWING PREPARATION. THE LOCATION OF THESE FEATURES MUST, THEREFORE, BE CONSIDERED APPROXIMATE ONLY. IN ADDITION, THERE MAY BE OTHER FACILITIES, STRUCTURES, AND UTILITIES WHICH DID NOT EXIST (OR THE EXISTENCE OF WHICH WAS NOT KNOWN) AT THE TIME OF DRAWING PREPARATION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR(S) TO HAVE ALL EXISTING FACILITIES, STRUCTURES, AND UTILITIES LOCATED IN THE FIELD PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITY; AND TO PROTECT ALL SUCH EXISTING FEATURES (EXCEPT THOSE SPECIFICALLY NOTED FOR REMOVAL OR DEMOLITION) DURING CONSTRUCTION.
- THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE 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 HOT-MIX ASPHALT MIXTURE IS PLACED.
- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT-MIX ASPHALT	2.016	TONS/CU. YD.
ALL AGGREGATE	2.05	TONS/CU. YD.
HOT-MIX ASPHALT MATERIALS:		
ON PAVEMENT	0.09	GAL./SQ. YD.
INTERMEDIATE LIFTS(FOG COAT)	0.04	GAL./SQ. YD.
ON AGGREGATE SURFACE	0.32	GAL./SQ. YD.
AGGREGATE (PRIME COAT)	0.0015	TONS/SQ. YD.
RIPRAP	1.50	TONS/CU. YD.
- TRENCH BACKFILL REQUIRED FOR STORM SEWER, SANITARY SEWER, OR WATER MAINS SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOD SURFACE.
- CONNECTING OF NEW OR EXISTING STORM SEWER TO NEW OR EXISTING INLETS OR MANHOLES SHALL BE MADE IN A MANNER WHICH RESULTS IN A NEAT AND WATERTIGHT JOINT. WHEN PLACED THROUGH THE WALL OF AN INLET OR MANHOLE, STORM SEWER PIPE SHALL BE PLACED OR CUT FLUSH WITH THE FACE OF THE WALL AND DRESSED WITH MORTAR TO PROVIDE A SMOOTH ROUNDED OR BEVELED EDGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES OF THE THE STORM SEWERS OR STRUCTURES INVOLVED.
- FORMS FOR COMBINATION CONCRETE CURB AND GUTTER AND CONCRETE GUTTER TYPE A SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.
- ALL PIPE CULVERTS DESIGNATED ON THE PLANS (R.C.C.P.) SHALL BE "REINFORCED CONCRETE CULVERT, STORM DRAIN AND SEWER PIPE" CONFORMING TO THE REQUIREMENTS OF ARTICLE 1042.06.
- PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, AND MEDIAN SURFACE AS NEEDED ACCORDING TO THE SEASONAL REQUIREMENTS OF ARTICLE 420.18.
- THE BOUNDARIES OF ALL CURB & GUTTER REMOVAL AND PAVEMENT REMOVAL WILL BE MADE USING A CONCRETE SAW. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB & GUTTER REMOVAL AND / OR PAVEMENT REMOVAL PER ART. 440.03.
- THE CONTRACTOR SHALL NOTIFY IN WRITING THE FOLLOWING EMERGENCY SERVICES 14 DAYS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO TRAFFIC CHANGES:

BRENT SAUNDERS, FIRE CHIEF O'FALLON FIRE DEPARTMENT P.O. BOX 332 O'FALLON, IL 62269	JOHN BETTEN, DIRECTOR OF PUBLIC SAFETY 285 N. SEVEN HILLS ROAD O'FALLON, ILLINOIS 62269
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12. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MAKING 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:

- AMEREN IP
1050 WEST BOULEVARD
BELLEVILLE, IL 62221
- AT&T CORPORATION
203 GOETHE AVENUE
COLLINSVILLE, IL 62234
- CITY OF O'FALLON WATER
255 SOUTH LINCOLN
O'FALLON, IL 62269
- CHARTER COMMUNICATIONS, INC.
7645 MANGNA DRIVE
SUITE 100
BELLEVILLE, IL 62223

MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY A "•". NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

COMMITMENTS

NONE

STRUCTURAL PAVEMENT DESIGN INFORMATION

PORTER RD & SIMMONS RD

STRUCTURAL DESIGN TRAFFIC (S.D.T.) : YEAR = 2030

CURRENT ADT (2010): 8,100

DESIGN YEAR (2030): 10,900

CLASS II STREET	P.V.= 9,187
	S.U.= 285
	M.U.= 29

MINIMUM SOIL SUPPORT: IBR = 3 (ASSUMED FOR ENTIRE PROJECT)

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:

P.C.= 50	S.U.= 50	M.U.= 50	T.F. = 0.44
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HOT-MIX ASPHALT MIXTURE DESIGNS

MIXTURE USE(S):	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE	HOT-MIX ASPHALT BINDER COURSE	HMA SIDEWALK
AC/PG:	SBS PG 70-22	PG 64-22	PG 64-22
RAP% (MAX): **	0%	10%	10%
DESIGN AIR VOIDS:	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-12.5	IL 19.0	IL 19.0
FRICTION AGGREGATE	MIXTURE "D"	MIXTURE "C"	MIXTURE "C"

** IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE MATERIALS ENGINEER.

LAST SAVED = 11/4/2010
 PEN TABLE = VB-Half.tbl
 PLOT DRIVER = TR-VBpdf-Black-Half.plt