

GENERAL NOTES

SOILS REPORT AVAILABILITY

ALL SOILS DATA COLLECTED AND PROCESSED FOR THE SOILS REPORT MADE IN CONJUNCTION WITH THE DESIGN OF THIS IMPROVEMENT IS ON FILE AT THE DISTRICT OFFICE WHERE IT IS AVAILABLE FOR INSPECTION BY CONTRACTORS OR PROSPECTIVE BIDDERS. BY SUBMITTING A BID, THE CONTRACTOR ACKNOWLEDGES THAT THE SOILS REPORT HAS BEEN MADE AVAILABLE AND IS AWARE OF THE REPORT CONTENTS AND APPENDICES.

UTILITIES – LOCATIONS/INFORMATION ON PLANS

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATIONS AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN – ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THE EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

PROPERTY OWNER ACCESS MANAGEMENT

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT TERM CLOSURES.

EMBANKMENT/TOPSOIL PLACEMENT SHRINKAGE FACTOR

A SHRINKAGE FACTOR OF 25% WAS USED TO DETERMINE THE QUANTITY OF EMBANKMENT.

ORDERING LENGTH CONFIRMATION – DRAINAGE ITEMS

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE PIPE CULVERTS, STORM SEWERS, AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE. TREE REPLACEMENT WILL BE DONE IN A FUTURE CONTRACT, AND IN ACCORDANCE WITH DEPARTMENT POLICY.

ENVIRONMENTAL REVIEW

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

PRIOR TO ANY WASTE MATERIAL BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS WILL NEED TO BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS. ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITE.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE USE(S):	SURFACE COURSE	BINDER COURSE
PG:	POLYMER SBS OR SBR PG 70-22	POLYMER SBS OR SBR PG 70-22
MAX % RAP ALLOWABLE	10%	10%
DESIGN AIR VOIDS	4.0% @ N70	4.0% @ N70
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR 12.5	IL 19.0
FRICTION AGGREGATE	MIX "C"	N/A

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- BDE FORM 2289 (ENVIRONMENTAL SURVEY REQUEST)
 - A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
 - SIGNED PROPERTY OWNER AGREEMENT FORM – D4 PI0100
 - COLOR PHOTOGRAPHS DEPICTING THE USE AREA
 - BORROW AREA ENTRY AGREEMENT FORM D4 PI0101
- PLEASE NOTE THAT A MINIMUM OF TWO WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED ENVIRONMENTAL CLEARANCES.

EARTH EXCAVATION

EXCAVATION REQUIRED TO CONSTRUCT THE AGGREGATE SHOULDERS SHALL BE INCLUDED IN PAY ITEM FOR AGGREGATE SHOULDERS, TYPE B AT THE CONTRACT UNIT PRICE PER TON.

STANDARD SPECIFICATIONS

ALL CONSTRUCTION MATERIALS, EARTHWORK, PAVEMENT SUBBASE, AND PAVEMENT SURFACE CONSTRUCTION SHALL CONFORM TO THE APPLICABLE ARTICLES OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, LATEST EDITION HEREAFTER REFERRED AS "STANDARD SPECIFICATIONS".

APPLICATION RATES

MULCH (METHOD 2)	2 TON/ACRE (4.5 METRIC TON/HA)
EMULSIFIED ASPHALT	75 GAL/TON STRAW (300 L/METRIC TON STRAW)
HYDRAULIC MULCH	750 LB MULCH AND 1000 GAL WATER PER ACRE (850 KG MULCH AND 9500 L WATER PER HA)
NITROGEN FERTILIZER NUTRIENTS	90 LB/ACRE (100 KG/HA)
PHOSPHORUS FERTILIZER NUTRIENTS	90 LB/ACRE (100 KG/HA)
POTASSIUM FERTILIZER NUTRIENTS	90 LB/ACRE (100 KG/HA)

STATUS OF UTILITIES

AT&T DISTRIBUTION 630-573-5450	AMEREN CIPS (NORTH) MARK WINSON 217-221-0825
CITY OF CANTON KEITH PLAVEC 309-647-7831	COMCAST ED SHERWOOD 309-836-4002

STRUCTURAL PAVEMENT DESIGN INFORMATION
COUNTY HIGHWAY 6 FDR WITH FLY ASH
DESIGN TRAFFIC YEAR <u>2029</u>
STRUCTURAL DESIGN TRAFFIC YEAR <u>2019</u>
PV = <u>1000</u> SU = <u>250</u> MU = <u>250</u>
ROAD CLASSIFICATION: CLASS <u>III</u>
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE: P = <u>100%</u> S = <u>100%</u> M = <u>100%</u>
TRAFFIC FACTOR = 1.24 SN = 4.0
BR: 4.6
MINIMUM STRUCTURAL DESIGN REQUIREMENTS HMA SUPERPAVE SURFACE 1 3/4" HMA SUPERPAVE BINDER 4 1/2" FLYASH STABILIZED BASE 12"

