

GENERAL NOTES

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LIST OF HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420401-09	BRIDGE APPROACH PAVEMENT CONNECTOR
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER DETAILS - ADJACENT TO FLEXIBLE PAVEMENT
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-01	METAL END SECTION FOR PIPE CULVERT
630001-10	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-06	SHOULDER WIDENING FOR TYPE I (SPECIAL) GUARDRAIL TERMINALS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
666001-01	RIGHT-OF-WAY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 4.5m (15') AWAY
701006-04	OFF-ROAD OPERATIONS, 2L, 2W, 4.5m (15') TO 600m (24') AWAY FROM PAVEMENT EDGE
701011-03	LANE CLOSURE, OFF-ROAD MOVING OPERATIONS, 2L, 2W DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, DAY ONLY, SLOW MOVING OPERATIONS, FOR SPEEDS >= 45 MPH
701321-13	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-04	LANE CLOSURE, 2L, 2W PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701901-03	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED SELECTIVE PAVEMENT MARKERS

COMMITMENTS

THE FIELD/RESIDENT ENGINEER SHALL CONTACT DISTRICT 6 STUDIES & PLANS AT 217-782-6990 CONCERNING ANY MAJOR PLAN CHANGES TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN, AND TO ALLOW IMPROVEMENTS IN THE DESIGN FOR FUTURE PROJECTS.

STORM WATER POLLUTION PREVENTION PLAN REQUIRED FOR NPDES PERMIT BY IEPA.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS. THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER LISTED OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF 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 OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL DISTURBED UNSURFACED AREAS WITHIN THE ROW AND EASEMENTS SHALL BE SEEDED, FERTILIZED, AND MULCHED AS SHOWN IN THE PLANS, SPECIAL PROVISIONS, AND AS DIRECTED BY THE ENGINEER. SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION.

IN ACCORDANCE WITH STATE OF ILLINOIS P.A. 86-0674, THE CONTRACTOR IS TO NOTIFY ALL UTILITY COMPANIES NOT MORE THAN 14 DAYS NOR LESS THAN 48 HOURS (EXCLUSIVE OF SATURDAYS, SUNDAYS, AND HOLIDAYS) IN ADVANCE OF THE START OF EXCAVATION OR DEMOLITION.

J.U.L.I.E. TELEPHONE NUMBER
 1-800-892-0123

KNOWN UTILITIES LOCATED WITHIN THE LIMITS OF THIS IMPROVEMENT ARE:

FRONTIER COMMUNICATIONS (TELEPHONE)
 MUM ELECTRIC COOPERATIVE (ELECTRIC)

ALL EXISTING FENCE WITHIN THE PROPOSED RIGHT-OF-WAY SHALL BE REMOVED. THE COST OF THE FENCE REMOVAL WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE, AND ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE, BURIED AND ABOVE GROUND UTILITY LOCATIONS. IDENTIFICATION AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVE GROUND UTILITIES REMAINS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

SEEDING SHALL BE COMPLETED AS DESIGNATED IN THE STORM WATER POLLUTION PREVENTION PLAN. ALL AREAS WITH POTENTIAL FOR EROSION SHALL BE SEEDED BY OCTOBER 1, AND SHALL NOT BE REOPENED UNTIL AFTER THE WINTER SHUT DOWN PERIOD (SEE SWPPP).

ROADS SHALL BE OPENED AT ALL TIMES TO PROVIDE FARMERS ACCESS TO NECESSARY FARM FIELDS.

IF THE CONTRACTOR ELECTS TO USE CONCRETE BASE COURSE, MILLING WILL BE PAID FOR AS HMA SURFACE REMOVAL, VD. NO ADDITIONAL COMPENSATION SHALL BE PAID FOR MILLING CONCRETE.

AN EMULSIFIED ASPHALT PRIME SHALL BE REQUIRED FOR THE PRIMING OF THE MAINLINE PAVEMENT TO BE RESURFACED. THE AREA PRIMED SHALL BE LIMITED TO THAT WHICH WILL BE COVERED WITH HMA THAT SAME DAY.

EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED PRIOR TO RESURFACING.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:

AGGREGATE (SURFACE, BASE, SUBBASE, OR BACKFILL)	2.05 TONS/CUBIC YARD
STONE RIPRAP	1.50 TONS/CUBIC YARD
BITUMINOUS MATERIALS (PRIME COAT)	0.00038 TON/SQUARE YARD (ON PAVEMENT)
BITUMINOUS MATERIALS (PRIME COAT)	0.001425 TON/SQUARE YARD (ON AGGREGATE)
AGGREGATE (PRIME COAT)	0.002 TON/SQUARE YARD
HMA SURFACE/BINDER (112 LBS)	0.056 TON/SQUARE YARD - INCH (MIX A-C)
HMA SURFACE/BINDER (120 LBS)	0.060 TON/SQUARE YARD - INCH (MIX D-E)
NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LBS/ACRE
MULCH	2 TONS/ACRE
AGRICULTURAL GROUND LIMESTONE	2 TONS/ACRE

ALL DETAILS IN THE PLANS SHALL GOVERN CONSTRUCTION OF THIS PROJECT, AND IN CASE OF CONFLICT WITH ANY STANDARD DRAWINGS INCLUDED, THE SAID DETAILS SHALL TAKE PRECEDENCE AND GOVERN.

NO PASSING ZONES * TO BE FIELD VERIFIED BY BUREAU OF OPERATIONS. THE RESIDENT ENGINEER SHALL NOTIFY THE BUREAU OF OPERATIONS 14 DAYS PRIOR TO PERMANENT PAVEMENT MARKINGS.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

MIXTURE USES:	HMA BASE CSE/WID & PATCHING	HMA SURFACE CSE (RESURFACING)/ HMA SHLD	MACH METH LEVEL BIND
AC/PG	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N DESIGN=50	4.0% @ N DESIGN=50	4.0% @ N DESIGN=50
MIX COMPOSITION (GRADATION MIXTURE)	IL-19.0	IL 9.5 OR 12.5	IL-9.5
FRICTION AGGREGATE	N/A	MIX "C"	N/A

DISTRICT SIX

EXAMINED 10/15 20 12
Bill B...
 OPERATIONS ENGINEER

EXAMINED Oct. 11 20 12
ARM
 PROGRAM DEVELOPMENT ENGINEER

EXAMINED OCT 9 20 12
Tommy...
 PROJECT IMPLEMENTATION ENGINEER

CB Coombe-Bloxdorf P.C.
 - CIVIL ENGINEERS-
 - STRUCTURAL ENGINEERS-
 - LAND SURVEYORS-
 Design Firm License No. 184-002703

FILE NAME = ...d672a19-shd-282-notes.dgn	USER NAME = CFC...	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 6.2888" / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/16/2012	DATE - / /	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, GENERAL NOTES, HIGHWAY STANDARDS & COMMITMENTS

SCALE:	SHEET NO. OF SHEETS	STA.	TG STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	1168R-1	MACOUPIN	67	2
CONTRACT NO. 72A19				

(ILLINOIS) FED. AID PROJECT