

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 330	16BR	KANKAKEE	37	2
ILLINOIS				

CONTRACT NO. 66365

### GENERAL NOTES

THE THICKNESS OF BITUMINOUS MIXTURES SHOWN IN THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

AGGREGATE (PRIME COAT): FA 20 MAY BE USED IN ADDITION TO THE GRADATIONS LISTED IN THE SECOND PARAGRAPH OF ARTICLE 1003.03(C).

THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

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 REFERENCE THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.

SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED SHALL BE DETERMINED BY THE ENGINEER.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH THE CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF BITUMINOUS SHOULDER REMOVAL.

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

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

GRANULAR MATERIALS	2.05 TONS/C.Y.
BITUMINOUS MAT (PRIME COAT)	0.08 GAL./S.Y.
AGGREGATE PRIME COAT	0.002 TONS/S.Y.
BITUMINOUS CONCRETE SURF CSE	112 LBS./S.Y./IN
SHORT TERM PAVEMENT MARKINGS	10 FT./100 FT. APPL.
MIX FOR CRACKS, JTS & FLGWYS	0.0003 TONS/S.Y.
LEVEL BINDER (MACHINE METHOD)	112 LBS./S.Y./IN.

### BITUMINOUS MIXTURE TABLE

	SUPERPAVE BINDER FOR APPROACH CONNECTOR	SUPERPAVE SUB-BASE/ STABILIZATION	SUPERPAVE SURFACE FOR APPROACH CONNECTOR	SUPERPAVE BASE COURSE
PG GRADE	PG64-22	PG58-22	PG64-22	PG64-22
MAX. % RAP ALLOWABLE**	25%	40%	15%	25%
DESIGN AIR VOIDS	4.0% @ N50	2.0% @ N30	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 19.0	BAM	IL 12.5 or IL 9.5	IL 19.0
FRICTION AGGREGATE			MIXTURE D	
PLANT CONTROL LIMITS	CLASS I	NON-CLASS I	CLASS I	NON-CLASS I
DENSITY CONTROL METHOD	CORES/ NUCLEAR	*	CORES/ NUCLEAR	*

\* MATERIAL SHALL BE COMPACTED TO 93-97 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT THE BOTTOM LIFT SHALL BE COMPACTED TO A MINIMUM OF 90.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/QA SPECIFICATION.  
 \*\* IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SEEDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVMENT ARE:

COM ED  
SBC

NON MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVMENT ARE:

NONE KNOWN

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

### STANDARDS

001001	AREA OF REINFORCMENT BARS
280001-02	TEMPORARY EROSION CONTROL SYSTEMS
420001-05	PAVEMENT JOINTS
420401-05	BRIDGE APPROACH PAVEMENT
420701-01	PAVEMENT FABRIC
421001-01	BAR REINFORCEMENT FOR CRC PAVEMENT
482006-01	BITUMINOUS SHOULDER - ADJACENT TO RIGID PAVEMENT
482011-01	BIT. SHOULDER STRIPS/SHOULDERS WITH RS OR WIDENING & RS PROJECTS
630001-05	STEEL PLATE BEAM GUARDRAIL
630201-03	PCC/BITUMINOUS STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-03	SHOULDER WIDENING FOR TYPE 1, (SPECIAL) GUARDRAIL TERMINALS
631032-01	TRAFFIC BARRIER TERMINAL, TYPE 6A
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
701301-02	LANE CLOSURE 2L, 2W SHORT TIME OPERATIONS
701306-01	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS - DAY ONLY FOR SPEEDS ≥ 45 MPH
701321-08	LANE CLOSURE 2L, 2W BRIDGE REPAIR WITH BARRIER
701326-02	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS ≥ 45 MPH
702001-05	TRAFFIC CONTROL DEVICES
704001-02	TEMPORARY CONCRETE BARRIER
720011	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
781001-02	TYPICAL APPLICATIONS, RAISED REFLECTIVE PAVEMENT MARKERS
000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
780001-01	TYPICAL PAVEMENT MARKINGS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

REVIEWED BY: Thomas F. Anderson  
DISTRICT STUDIES AND PLANS ENGINEER

DATE: OCTOBER 20, 2004

EXAMINED BY: Robert J. Ryan  
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### GENERAL NOTES & STANDARDS

FAP ROUTE 330 (U.S. RTE. 45/52)  
OVER SOUTH BRANCH ROCK CREEK  
SECTION 16BR  
KANKAKEE COUNTY  
S.N. 046-0047

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**OZYURT AND STONE, INC.**  
CONSULTING ENGINEERS

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