CONTRACT NO. 78012

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	4
STA. ________	TO STA. ________			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

* VARIOUS
** D9 CONT. MAINT. BIT. RES. FY 08-1
*** SALINE & JACKSON

GENERAL NOTES

THE THICKNESS OF BITUMINOUS 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 BITUMINOUS MIXTURE IS PLACED.

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES EXCEPT FOR QC/QA OF BITUMINOUS MIXTURES:

ALL BITUMINOUS CONCRETE..............................2.016 TONS/CU.YD.
ALL AGGREGATE..2.05 TONS/CU.YD.
BITUMINOUS MATERIALS (PRIME COAT)
ON PAVEMENT...............0.09 GALS./SQ. YD.
ON AGG. SURFACE..........0.32 GALS./SQ. YD.
AGGREGATE (PRIME COAT)................................0.0015 TONS/SQ. YD.

THE QUANTITY OF SHORT-TERM PAVEMENT MARKING SHOWN IN THE PLANS ARE AS FOLLOWS: AT HARRISBURG IT IS BASED ON ONE APPLICATION EACH FOR THE PRIME COAT, BINDER COURSE AND SURFACE COURSE. AT MAKANDA IT IS BASED ON ONE APPLICATION EACH FOR THE PRIME COAT AND SURFACE COURSE. THE RATE IS 4' IN 40'.

PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS, THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED BITUMINOUS MATS AT 300 FT. INTERVALS ON ALTERNATING SIDES OF THE PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5½" TALL OF A DESIGN APPROVED BY THE ENGINEER AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, BITUMINOUS RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTER-LINE EDGE IS EXPOSED TO TRAFFIC.

RECLAIMED ASPHALT PAVEMENT (RAP) WILL NOT BE ALLOWED FOR USE AS AGGREGATE IN AGGREGATE SHOULDERS, TYPE B.

THE CONTRACTOR SHALL COMPLETE ALL PATCHING PRIOR TO THE BITUMINOUS SURFACE REMOVAL.

QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE LOCATION OF DETECTOR LOOPS, AS SHOWN ON THE PLANS, MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER OF TRAFFIC OPERATIONS.

ALL DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO RESURFACING.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOURS PRIOR TO THE SHUT-DOWN OR CUTTING OF EXISTING DETECTOR LOOPS.

VIBRATORY ROLLERS IS PROHIBITED AND SHALL NOT BE ALLOWED ON THIS PROJECT.

BITUMINOUS MIXTURE DESIGNS SHALL BE PREPARED AS DIRECTED BELOW:

FOR FAS 919 (Makanda Rd.) :

Mixture Use(s):	Hot-Mix Asphalt Surface Course,Mix. C, N90
AC/PG:	PG64-22
RAP % (Max.):	10
Design Air Voids:	4.0%, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm or IL-12.5 mm
Friction Aggregate:	Mixture C

FOR FAP 331 (IL 13 Harrisburg) :

Location:	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Polymerized Hot-Mix Asphalt Surface Course, Mix. D, N105
AC/PG:	SBSPG76-22
RAP % (Max.):	10
Design Air Voids:	4.0%, 105 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm or IL-12.5 mm
Friction Aggregate:	Mixture D

FOR FAP 331 (IL 13 Harrisburg) :

Location:	Polymerized Leveling Binder
Mixture Use(s):	Polymerized Hot-Mix Asphalt Binder Course, N105, IL-19.0
AC/PG:	SBSPG76-22
RAP % (Max.):	0
Design Air Voids:	4.0%, 105 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0 mm
Friction Aggregate:	Mixture B

FOR FAP 331 (IL 13 Harrisburg):

LOCATION(S):	Bituminous Materials (Prime Coat) Special
MIXTURE USE(S):	Polymer Modified Emulsified Asphalt
REQUIREMENTS:	SS-1HP or CSS-1HP

CLASS D PATCHING REQUIREMENTS:

Mixture Use(s):	Hot-Mix Aspalt Binder Course, N90, IL-19.0
AC/PG:	PG64-22
RAP % (Max.):	10
Design Air Voids:	4.0%, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0mm
Friction Aggregate:	None

PLOT DATE = 12/12/2007
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PLOT SCALE = 118.8184 ' / IN.
USER NAME = mooordkr