

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
331	(12-1) RS-1	JACKSON	16	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 98904				

GENERAL NOTES

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL BITUMINOUS CONCRETE 2.016 TONS/CU. YD.	BITUMINOUS MATERIALS: ON PAVEMENT 0.09 GAL./SQ. YD.
ALL AGGREGATE 2.05 TONS/CU. YD.	INTERMEDIATE LIFTS (FOG COAT) 0.04 GAL./SQ. YD.
RIPRAP 1.50 TONS/CU. YD.	ON AGGREGATE SURFACE 0.32 GAL./SQ. YD.
AGGREGATE (PRIME COAT) 0.0015 TONS/SQ. YD.	

THE THICKNESS OF THE 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 ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

THE QUANTITY SHOWN FOR MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS IS AN ESTIMATE. THE ACTUAL AMOUNT USED WILL BE DETERMINED BY THE ENGINEER.

THE CONTRACTOR SHALL STAMP STATIONING IN THE BITUMINOUS SURFACE AT 300 FOOT INTERVALS ON THE OUTSIDE EDGE OF PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2000 FEET, THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.

SAW CUTS REQUIRED FOR BUTT JOINTS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE BUTT JOINT.

PAVEMENT MARKING REMOVAL, SHOWN IN THE PLANS, SHALL BE USED TO REMOVE EXISTING CENTERLINE AND EDGELINE MARKINGS ON THE BRIDGES WITHIN THE PROJECT LIMITS PRIOR TO THE APPLICATION OF THE THERMOPLASTIC PAVEMENT MARKINGS. IN ADDITION, IT SHALL BE USED TO REMOVE THE EXISTING PAVEMENT MARKINGS AT THE SIGNALIZED INTERSECTIONS PRIOR TO THE APPLICATION OF THE POLYUREA PAVEMENT MARKINGS.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION FOR THE BINDER COURSE AND ONE APPLICATION FOR THE SURFACE COURSE AT THE RATE OF 4 FEET IN 40 FEET AND 4 FEET EVERY 100 FEET. THE QUANTITY IS FOR LANE LINE MARKING AND EDGE OF PAVEMENT MARKING.

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

IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16, THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT AS DEFINED IN ARTICLE 107.16 REGARDLESS IF TRACK MOUNTED OR WHEELED.

EXISTING PIPE UNDERDRAIN OUTLETS IN THE FORESLOPES OR MEDIAN SLOPES SHALL BE PRESERVED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO AN UNDERDRAIN OUTLET RESULTING FROM CONSTRUCTION ACTIVITY SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

PRIOR TO RESURFACING OPERATIONS, ANY VEGETATION PRESENT ON THE EXISTING BITUMINOUS SHOULDERS SHALL BE REMOVED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF BITUMINOUS SHOULDERS SUPERPAVE.

THERE ARE NO AVAILABLE WASTE SITES ON THE EXISTING RIGHT-OF-WAY WITHIN THE PROJECT LIMITS.

THE EXISTING RAISED REFLECTIVE PAVEMENT MARKERS IN THE AREAS THAT WILL NOT BE OVERLAID SHALL NOT BE DISTURBED. ANY DAMAGE TO A RAISED REFLECTIVE PAVEMENT MARKER RESULTING FROM CONSTRUCTION ACTIVITY SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

MIXTURE REQUIREMENTS

LOCATION(S):	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE
MIXTURE USE(S):	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N105
AC/PG:	SBS PG76-22
RAP % (MAX):	0
DESIGN AIR VOIDS:	4.0 %, 105 GYRATION SUPERPAVE DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 MM OR IL-12.5 MM
FRICTION AGGREGATE:	D SURFACE

LOCATION(S):	POLYMERIZED LEVELING BINDER (MACHINE METHOD) & INCIDENTAL BITUMINOUS SURFACING
MIXTURE USE(S):	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX C, N105
AC/PG:	SBS PG76-22
RAP % (MAX):	0
DESIGN AIR VOIDS:	4.0 %, 105 GYRATION SUPERPAVE DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 MM OR IL-12.5 MM
FRICTION AGGREGATE:	NONE

LOCATION(S):	BITUMINOUS SHOULDERS
MIXTURE USE(S):	BITUMINOUS SHOULDERS, SUPERPAVE
AC/PG:	PG58-22
RAP % (MAX):	50
DESIGN AIR VOIDS:	2.0 %, 30 GYRATION SUPERPAVE DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	BITUMINOUS AGGREGATE MIXTURE, SUPERPAVE
FRICTION AGGREGATE:	NONE

LOCATION(S):	BITUMINOUS MATERIALS (PRIME COAT)
MIXTURE USE(S):	POLYMER MODIFIED EMULSIFIED ASPHALT
REQUIREMENTS:	SS-1HP OR CSS-1HP

COMMITMENTS

NONE

STRUCTURES WITHIN PROJECT LIMITS

STRUCTURE NO.	OPERATING RATING	INVENTORY RATING	POSTING	MTD APPROVAL
039 - 0049	51.6	30.9	NONE	LOADED
039 - 0050	36.7	20.6	NONE	LOADED
039 - 0051	38.3	21.7	NONE	LOADED
039 - 2010	27.2	20	NONE	LOADED
039 - 2016	27.2	20	NONE	LOADED

STANDARDS

000001-04	701421-01
	701422-01
421001-01	701426-02
442001-02	702001-05
701101-01	780001-01
	781001-02

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DATE: Oct. 11 2005

PLOT DATE = 10/6/2005
 FILE NAME = c:\projects\0901005\0901005.ms.m32
 PLOT SCALE = 108.4337 / IN.
 USER NAME = thomashf