

## 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:

ALL AGGREGATE  
2.05 TONS/CU. YD.

ON PAVEMENT  
0.09 GAL./SQ. YD.

RIPRAP  
1.50 TONS/CU. YD.

INTERMEDIATE LIFTS (FOG COAT)  
0.04 GAL./SQ. YD.

AGGREGATE (PRIME COAT)  
0.0015 TONS/SQ. YD.

ON AGGREGATE SURFACE  
0.32 GAL./SQ. YD.

1. 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.
2. THE QUANTITY SHOWN FOR MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS IS AN ESTIMATE. THE ACTUAL AMOUNT USED WILL BE DETERMINED BY THE ENGINEER.
3. THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED BITUMINOUS SURFACE 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 5 1/2 IN. TALL, OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
4. UNLESS OTHERWISE DIRECTED BY THE ENGINEER, BITUMINOUS RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT., 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.
5. THE CONTRACTOR SHALL COMPLETE ALL PATCHING PRIOR TO THE BITUMINOUS SURFACE REMOVAL.
6. THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION FOR THE SURFACE REMOVAL, ONE APPLICATION FOR THE BINDER COURSE AND ONE APPLICATION FOR THE SURFACE COURSE AT THE RATE OF 4 FEET IN 40 FEET.
7. 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. ADDITIONALLY, THE DISTRICT 19 ILLINOIS STATE POLICE HEADQUARTERS, BASED IN CARMI, PHONE NO. 618-382-4606 SHALL BE NOTIFIED AT LEAST 2 WEEKS PRIOR TO PLACEMENT OF THE AIR SPEED CHECK MARKINGS (NOTED AS THERMOPLASTIC PAVEMENT MARKING LINE 24" IN THE PAVEMENT MARKING SCHEDULE).
8. SAW CUTS MADE AT THE JOINTS AT STATION 395+00 AND THE FOURTH STREET SIDEROADS SHALL BE INCLUDED IN THE BITUMINOUS SURFACE REMOVAL 1 1/2" COST. ALL OTHER SAW CUTS SHALL BE INCLUDED IN THE COST OF THE BUTT JOINT.
9. ANY MIXING OR PLACEMENT OF BITUMINOUS MIXTURES OCCURRING PRIOR TO THE TEST STRIP EVALUATION IS AT THE CONTRACTOR'S OWN RISK.
10. QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER. THE CONTRACTOR SHALL COMPLETE ALL PATCHING PRIOR TO THE BITUMINOUS SURFACE REMOVAL.
11. EXISTING CURB AND GUTTER DAMAGED OR DESTROYED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE IN A MANNER SATISFACTORY TO THE ENGINEER.
12. 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 101.16 REGARDLESS IF TRACK MOUNTED OR WHEELED.
13. BASED ON STRUCTURAL ANALYSIS, APPROVAL HAS BEEN GRANTED FOR A MATERIAL TRANSFER DEVICE TO CROSS STRUCTURES 083-0001 & 083-2000 WHILE LOADED AND STRUCTURE 083-0002 WHILE UNLOADED.

## MIXTURE REQUIREMENTS

LOCATION(S):	BITUMINOUS SURFACE COURSE
MIXTURE USE(S):	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N90
AC/PG:	SBS PG70-22
RAP % (MAX):	0
DESIGN AIR VOIDS:	4.0%, 90 GYRATION SUPERPAVE DESIGN
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL-9.5 mm OR IL-12.5 mm
FRICTION AGGREGATE:	D SURFACE

LOCATION(S):	INCIDENTAL BITUMINOUS SURFACING AND LEVELING BINDER
MIXTURE USE(S):	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX C, N90
AC/PG:	PG64-22
RAP % (MAX):	10
DESIGN AIR VOIDS:	4.0%, 90 GYRATION SUPERPAVE DESIGN
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL-9.5 mm OR IL-12.5 mm
FRICTION AGGREGATE:	C SURFACE

LOCATION(S):	CLASS D PATCHING
MIXTURE USE(S):	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N90, IL-19.0
AC/PG:	PG64-22
RAP % (MAX):	10
DESIGN AIR VOIDS:	4.0%, 90 GYRATION SUPERPAVE DESIGN
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL-19.0
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
083-0001	40.6	22.2	NONE
083-0002	31.7	27.8	NONE
083-2000	30.4	13.1	NONE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
332	(29, 29X) RS-2	GALLATIN/SALINE	15	2
STA.		TO STA.		
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 98942				

## STANDARDS

000001-04	701336-04
442201-01	701501-03
701011-01	701502
701301-02	702001-08
701306-01	780001-01
701311-02	781001-02
635006-02	
635011-01	

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DATE *May 16* 2006

PLOT DATE = 3/24/2006  
 FILE NAME = D:\Program Development\Studies and Plans\Upstairs Design\Projects\US 45 3P-Eldorado\Plans\Plans.dgn  
 PLOT SCALE = 1/8" = 100'-0" / 1" IN.  
 USER NAME = schweizer-kb

Rev.