

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
865	SMART FY 05-08	PERRY	11	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INDEX OF SHEETS

1. COVER SHEET
2. GENERAL NOTES
3. SUMMARY OF QUANTITIES
- 4-6. TYPICAL SECTIONS
7. RESURFACING SCHEDULE
8. PAVEMENT MARKING SCHEDULE
9. SIDEROAD SCHEDULE
10. BUTT JOINT DETAIL
11. SIDEROAD & ENTRANCE DETAILS
HIGHWAY STANDARDS

GENERAL NOTES

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.

ANY CONCRETE PATCHES ENCOUNTERED IN THE MAINLINE AND PARKING AREAS IN DUQUOIN SHALL BE INCLUDED IN AND PAID FOR AS BITUMINOUS SURFACE REMOVAL, 1 1/2". THE COST OF MILLING AROUND MANHOLES, WATER VALVES AND THE SAWCUTS AT THE TERMINI OF THE INLAY SHALL ALSO BE INCLUDED IN THE COST OF BITUMINOUS SURFACE REMOVAL 1 1/2".

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

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE SURFACE REMOVAL AND SURFACE COURSE.

A TEMPORARY BITUMINOUS RAMP SHALL BE CONSTRUCTED AT THE BUTT JOINTS, AS DIRECTED BY THE ENGINEER.

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.

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.

ANY MIXING OR PLACEMENT OF BITUMINOUS MIXTURES OCCURRING PRIOR TO THE TEST STRIP EVALUATION IS AT THE CONTRACTOR'S OWN RISK.

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.

IN DUQUOIN, FROM WEST STREET TO THE EAST END OF THE PROJECT THERE WILL BE A FULL INLAY, INCLUDING THE PARKING LANES, CONSISTING OF 1 1/2" SURFACE REMOVAL AND 1 1/2" RESURFACING.

AT THE TERMINI OF THE URBAN INLAY, THERE SHALL BE A SAWCUT 1 1/2" IN DEPTH. THIS SAWCUT SHALL BE INCLUDED IN THE COST OF BITUMINOUS SURFACE REMOVAL, 1 1/2".

BITUMINOUS MIXTURE DESIGNS SHALL BE PREPARED AS DIRECTED BELOW:

LOCATION(S):	BITUMINOUS SURFACE COURSE
MIXTURE USE(S):	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N90
AC/PG:	PG64-22
RAP % (MAX):	10
DESIGN AIR VOIDS:	4.0%, 90 GYRATION SUPERPAVE DESIGN
MIXTURE COMPOSITION (GRADATION MIXTURE)	1L-10.0
FRICITION AGGREGATE:	D SURFACE

LOCATION(S):	INCIDENTAL BITUMINOUS SURFACING
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)	1L-10.0
FRICITION AGGREGATE:	C SURFACE

LOCATION(S):	CLASS D PATCHING
MIXTURE USE(S):	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N90, 1L-19.0
AC/PG:	PG64-22
RAP % (MAX):	10
DESIGN AIR VOIDS:	4.0%, 90 GYRATION SUPERPAVE DESIGN
MIXTURE COMPOSITION (GRADATION MIXTURE)	1L-19.0
FRICITION AGGREGATE:	NONE

LIST OF STANDARDS

442201-01	701501-03
701011-01	702001-05
701201-02	780001-01
701301-02	781001-02
701306-01	
701311-02	
701336-04	

STRUCTURES WITHIN PROJECT LIMITS

Structure No.	Operating Rating	Inventory Rating	Posting
073-0023	36.1	21.7	NONE
073-0024	20.6	35	NONE
073-9907	46.7	28.9	NONE

PLAN QUANTITIES ESTIMATED USING THE FOLLOWING FACTORS:

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

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Examined By: *[Signature]*

DISTRICT MATERIALS ENGINEER

Examined By: *[Signature]*

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DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

DATE: *Sept 17 20*