

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	SR5-3,(13,11,8)RS	HARDIN	26	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

THE THICKNESS OF HOT-MIX ASPHALT 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 HOT-MIX ASPHALT MIXTURE IS PLACED.

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

- ALL HOT-MIX ASPHALT.....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. SQ. YD.
- AGGREGATE (PRIME COAT).....0.0015 TONS/SQ. YD.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE MILLING, PRIME COAT, BINDER COURSE, AND SURFACE COURSE.

ATTAINMENT OF PROPER CROWN OR SUPERELEVATION SHALL BE FULLY ACCOMPLISHED WITH THE LEVELING OR HOT-MIX ASPHALT BINDER COURSE.

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

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

CONCRETE INLET AND PIPE AT STATION 482+95 SHALL BE CLEANED IN A MANNER SATISFACTORY TO THE ENGINEER. THE COST WILL BE PAID THROUGH FORCE ACCOUNT.

ALL HOT-MIX ASPHALT AND DEBRIS SHALL BE REMOVED FROM THE GUTTERS. DEBRIS SHALL BE REMOVED FROM THE EDGE OF PAVEMENT. THIS SHALL BE CLEANED IN A MANNER SATISFACTORY TO THE ENGINEER. THE COST SHALL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90.

THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED HOT-MIX ASPHALT SURFACE AT 300' 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" TALL, OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

ALL PAVEMENT MARKINGS SHALL BE LOCATED AND RECORDED BEFORE HOT-MIX ASPHALT PLACEMENT.

THE DISTRICT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 10 DAYS PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS.

QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER. PATCHING SURVEY DATE: MAY 2003 AND JUNE 2005.

AFTER A LIFT OF HOT-MIX ASPHALT HAS BEEN ON A LANE, THAT LANE SHALL REMAIN CLOSED TO TRAFFIC UNTIL THE NEW MAT HAS COOLED TO 150°F.

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, HOT-MIX ASPHALT 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', 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.

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 101.17 REGARDLESS IF TRACK MOUNTED OR WHEELED.

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

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

THERE ARE NO AVAILABLE WASTE SITES ON THE EXISTING RIGHT OF WAY WITHIN THE PROJECT LIMITS. DISPOSAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. EXCEPT 120 TONS OF HOT-MIX SURFACE REMOVAL SHALL BE DELIVERED TO HARDIN COUNTY COMMUNITY UNIT SCHOOL DISTRICT. NO ADDITIONAL COMPENSATION WILL BE GIVEN FOR THIS WORK. SEE COMMITMENTS.

PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS ARE TO BE PLACED THROUGH ALL RESURFACING OMISSIONS.

EXPANSION JOINTS SHALL BE CLEANED AND FILLED IN ACCORDANCE WITH ARTICLE 406.06. IT IS ESTIMATED THAT THERE ARE 408 JOINTS, 11' IN WIDTH. THE FINAL QUANTITY MAY BE ADJUSTED BY THE ENGINEER.

WHEN CROSSING STRUCTURES 035-0009, 035-0011, 035-0012, AND 035-0014, THE MATERIAL TRANSFER DEVICE (MTD) MUST BE EMPTY. A LOADED MATERIAL TRANSFER DEVICE WILL NOT BE ALLOWED TO CROSS ANY OF THE ABOVE STRUCTURES. WHEN CROSSING STRUCTURE 035-2002, THE MATERIAL TRANSFER DEVICE (MTD) WILL BE ALLOWED TO BE LOADED.

STATIONING SHOWN IN THE SCHEDULES IS BASED ON STAMPED STATIONS IN THE EXISTING PAVEMENT AND FROM OLD PLANS. MINOR ADJUSTMENTS MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.

THERE MAY BE EXISTING WATER LINE VALVES WITHIN THE RESURFACING LIMITS TO BE WORKED AROUND. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THERE MAY BE EXISTING MANHOLES WITHIN THE RESURFACING LIMITS TO BE WORKED AROUND. ADJUSTMENT OF THESE MANHOLES SHALL BE PAID FOR AS MANHOLES TO BE ADJUSTED, EACH.

AT LT. STA. 219+00 AND LT. STA. 223+00, THE METAL GATES AND METAL POSTS SHALL BE REMOVED. THE COST OF THE REMOVAL SHALL BE INCLUDED IN THE COST OF THE PAVEMENT REMOVAL.

STRUCTURES WITHIN PROJECT LIMITS

STRUCTURE NO.	OPERATING RATING	INVENTORY RATING	POSTING
035-0009	HS 40.6	HS 25.0	NONE
035-0014	HS 43.3	HS 26.1	NONE
035-0011	HS 35.6	HS 22.8	NONE
035-0012	HS 35.7	HS 23.1	NONE
035-2002	HS 27.2	HS 20.0	NONE

COMMITMENTS:

180 TONS OF MILLED MATERIAL WILL BE DELIVERED TO HARDIN COUNTY COMMUNITY UNIT SCHOOL DISTRICT NO. 1 AND DUMPED ON THE AGGREGATE PARKING LOT. PLEASE CONTACT ERNIE FOWLER AT 618-287-2411 PRIOR TO DELIVERY.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.

LOCATION(S):	HOT-MIX ASPHALT SURFACE COURSE, LEVEL BINDER (MACHINE METHOD), INCIDENTAL HOT-MIX ASPHALT SURFACING
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 SUPERPAVE DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 MM OR IL 12.5 MM
FRICTION AGGREGATE:	C SURFACE

LOCATION(S):	HOT-MIX ASPHALT BINDER COURSE
MIXTURE USE(S):	HOT-MIX ASPHALT BINDER COURSE, 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

STANDARDS

420701-01	701006-02	701306-01	702001-06
442101-06	701011-01	701311-02	780001-01
442201-02	701201-02	701326-02	781001-02
482011-02	701301-02	701336-04	
701001-01			

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES; STANDARDS; INDEX OF SHEETS
3-4	SUMMARY OF QUANTITIES
5-9	TYPICAL SECTIONS
10-19	SCHEDULES
20	EXISTING CURVE DATA
21	DETAIL: BUTT JOINTS
22	DETAIL: HOT-MIX ASPHALT THICKNESS TRANSITION
23-24	DETAIL: SIDE ROADS AND ENTRANCES
25	DETAILS: GUTTER SECTIONS; SCOUR REPAIR; TEMPORARY HOT-MIX ASPHALT TRANSITIONS; HOT-MIX ASPHALT PATCHING PARTIAL DEPTH
26	DETAILS: UNEVEN PAVEMENT SIGN; ILLINOIS STANDARD W8-1106; MAILBOX TURNOUT; THIN CIRCULAR DISK

Prepared By:	<i>Joe Shorling</i> DISTRICT JUDGES & PLANNING ENGINEER
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Examined By:	<i>Kevin Grammer</i> DISTRICT OPERATIONS ENGINEER
Examined By:	<i>Joseph Long</i> DISTRICT CONSTRUCTION ENGINEER
Examined By:	<i>Brian DeBlas</i> DISTRICT MATERIALS ENGINEER
Examined By:	<i>Shawn Matton</i> DISTRICT PROJECT IMPLEMENTATION ENGINEER
Examined By:	<i>Donna L. Carter</i> ASSISTANT REGIONAL ENGINEER
Approved By:	<i>Mark C. Lami</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
DATE	March 20 0

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL NOTES, COMMITMENTS, MIXTURE REQUIREMENTS, STANDARDS, INDEX OF SHEETS

SCALE: VERT. NONE
HORIZ. NONE
DATE: _____ DRAWN BY CNH
CHECKED BY _____