

## GENERAL NOTES

1. THE THICKNESS OF HOT MIX ASPHALT 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 IS PLACED.
2. 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
INTERMEDIATE LIFTS (FOG COATS)	0.04 GAL/SQ YD
ON AGGREGATE SURFACE	0.32 GAL/SQ YD
AGGREGATE (PRIME COAT)	0.0015 TONS/SQ YD
RIPRAP	1.50 TONS/CU YD
3. ATTAINMENT OF PROPER CROWN OR SUPERELEVATION SHALL BE FULLY ACCOMPLISHED WITH THE HOT MIX ASPHALT SURFACE REMOVAL OR HOT MIX ASPHALT BINDER COURSE OR LEVELING BINDER, WHEN SPECIFIED.
4. AFTER A LIFT OF BITUMINOUS CONCRETE HAS BEEN PLACED ON A LANE, THAT LANE SHALL REMAIN CLOSED TO TRAFFIC UNTIL THE NEW MAT HAS COOLED TO 150°
5. THE PAY ITEM "HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH" IS EXPECTED TO PROPERLY CORRECT THE DAMAGED PAVEMENT. HOWEVER, IF FURTHER MILLING IS DEEMED NECESSARY BY THE ENGINEER, THE PRICE OF SAID MILLING WILL BE INCLUDED IN THE ORIGINAL PAY ITEM "HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH"

## INDEX OF SHEETS

SHT NO	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STANDARDS, MIXTURES REQUIREMENTS
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5	SCHEDULES OF QUANTITIES
6	DETAILS: ROUGH GROOVED SURFACE; UNEVEN LANES

## STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701101-02	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701400-05	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-06	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701901-02	TRAFFIC CONTROL DEVICES
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATORS RAISED REFLECTIVE PAVEMENT MARKERS

## MIXTURES REQUIREMENTS

Location(s):	I-57 Mainline Pavement & Shoulders
Mixture Use(s):	Polymerized Hot-Mix Asphalt Surface Course, Mix E, N105
AC/PG:	SBS PG76-22
RAP % (Max):	0
Design Air Voids:	4.0%, 105 Gyratlon Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm or IL 12.5 mm
Friction Aggregate:	E surface

Prepared By:	<i>Joe Stanfina</i> DISTRICT STUDIES & PLANS ENGINEER
Examined By:	<i>James Lin Eng</i> DISTRICT LAND ACQUISITION ENGINEER
Examined By:	<i>Cassie Nelson</i> DISTRICT PROGRAM DEVELOPMENT ENGINEER
Examined By:	<i>Carl Kelly</i> DISTRICT OPERATIONS ENGINEER
Examined By:	<i>Douglas McNeil</i> DISTRICT CONSTRUCTION ENGINEER
Examined By:	<i>Bruce Pables</i> DISTRICT MATERIALS ENGINEER
Examined By:	<i>KRS</i> DISTRICT PROJECT IMPLEMENTATION ENGINEER
Approved By:	<i>Omara Osmonova</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER
	May 17 2012 DATE

FILE NAME *	USER NAME * greenleasm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIGNATURE SHEET</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\pwork\p\dot\greenleasm\dms40695\...	ac.dgn	DRAWN -	REVISED -			57	09 PAVEMENT REPAIR 2013-1	FRANKLIN	6	2
	PLOT SCALE * 100.0000' / 1" =	CHECKED -	REVISED -		SCALE:					
	PLOT DATE * 5/16/2012	DATE -	REVISED -		SHEET OF SHEETS STA.					CONTRACT NO. 78323
										ILLINOIS FED. AID PROJECT