

## GENERAL NOTES

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

ALL HOT-MIX ASPHALT 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 CONTRACTOR SHALL STAMP STATIONING IN THE HOT-MIX ASPHALT SURFACE AT 300 FT. 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.

EXISTING CONCRETE PATCHES ENCOUNTERED DURING MILLING OPERATIONS SHALL BE MILLED WITH THE SURROUNDING BITUMINOUS SURFACE REMOVAL. NO ADDITIONAL COMPENSATION WILL BE PROVIDED.

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

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.

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.

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.

A TEST STRIP WILL BE REQUIRED FOR EACH BINDER OR SURFACE MIX QUANTITY EXCEEDING 3000 TONS.

ALL VERTICAL SURVEY DATA IN THE PLANS REFERENCES THE 1929 NORTH AMERICAN VERTICAL DATUM. IF ADDITIONAL SURVEY INFORMATION IS NEEDED, CONTACT THE DISTRICT NINE CHIEF OF SURVEYS.

THE QUANTITY OF DELINEATORS AND DELINEATOR REMOVAL HAS BEEN ESTIMATED TO REFLECT ADDITIONAL DAMAGE IN THE TIME BETWEEN DESIGN AND LETTING. THE ACTUAL QUANTITY SHALL BE DETERMINED BY THE ENGINEER. ALL DELINEATORS DAMAGED BY THE CONSTRUCTION OF THIS PROJECT SHALL BE REPLACED IN KIND AT THE EXPENSE OF THE CONTRACTOR.

ALL EQUIPMENT USED FOR THE PLACEMENT OF THE INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE APPROVED BY THE ENGINEER PRIOR TO ITS USE.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND PROTECT ALL DRAINAGE STRUCTURES PRIOR TO AND DURING RUBBLIZATION OPERATIONS. ANY DAMAGE TO A DRAINAGE STRUCTURE RESULTING FROM THE RUBBLIZATION OR OTHER CONSTRUCTION ACTIVITY SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. A PARTIAL LIST OF EXISTING STRUCTURES IS FOUND BELOW. IT IS FOR INFORMATION ONLY.

STATION	ESTIMATED FILL (FT)	DESCRIPTION
10+70	3.5'	42" R. C. P.
25+00	3.9'	24" R. C. P.
35+00	4.2'	24" R. C. P.
43+00	4.3'	24" R. C. P.
60+00	4.4'	24" R. C. P.
68+43	5.8'	24" R. C. P.
93+20	13.6'	84" R. C. P.
108+45	6.8'	36" R. C. P.
131+10	11'	72" R. C. P.
151+58	11.5'	DBL 9' X 7' R. C. B. C.
177+50	-	24" R. C. P.
186+56	-	24" R. C. P.
215+46	3.2'	48" R. C. P.
226+50	6.6'	48" R. C. P.
229+80	6.3'	54" R. C. P.
263+20	4.3'	24" R. C. P.
272+71	8.8'	36" R. C. P.
275+00	6.8'	36" R. C. P.
280+60	4.0'	24" R. C. P.
292+15	10.6'	36" R. C. P.
296+40	14.4'	36" R. C. P.
314+00	9.1'	36" R. C. P.
326+20	11.7'	84" R. C. P.
328+60	11.7'	48" R. C. P.
346+05	17.2'	10' X 10' R. C. B. C.
356+25	2.2'	24" R. C. P.
361+25	3.4'	24" R. C. P.
375+20	2.6'	30" R. C. P.
381+55	5.6'	36" R. C. P.
387+66	5.1'	30" R. C. P.
401+85	13.2'	60" R. C. P.
405+65	8.7'	36" R. C. P.
421+47	5.4'	8' X 5' R. C. B. C.
433+25	6.3'	12' X 8' R. C. B. C.
444+90	8.3'	INFO NOT AVAILABLE
457+20	5.3'	36" R. C. P.
469+42	4.8'	36" R. C. P.

## MIX DESIGN

Location(s):	Hot-Mix Asphalt Surface Course
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 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm or IL 12.5 mm
Friction Aggregate:	E Surface

Location(s):	Hot-Mix Asphalt Shoulders (Top Lift) and Incidental Hot-Mix Asphalt Surfacing
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
AC/PG	PG64-22
RAP% (Max):	10
Design Air Voids:	4.0%, 70 Gyration 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 (Top Lift, 2 1/4")
Mixture Use(s):	Polymerized Hot-Mix Asphalt Binder Course, N105, IL-19.0
AC/PG	SBS PG76-22
RAP% (Max):	0
Design Air Voids:	4.0%, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0
Friction Aggregate:	None

Location(s):	Hot-Mix Asphalt Binder Course (Lower Lifts) and Hot-Mix Asphalt Shoulders (Lower Lifts)
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 Design
Mixture Composition: (Gradation Mixture)	IL-19.0
Friction Aggregate:	None

FILE NAME =	USER NAME = colemm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES AND MIX DESIGN</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
ct:\pwork\p\1007\COLEMM\dms43741\97846-ahh-misc.dgn	DRAWN -	REVISED -	57				Franklin	52	4
PLOT SCALE = 1/8" = 1'-0" IN.	CHECKED -	REVISED -	CONTRACT NO. 78046						
PLOT DATE = 10/9/2008	DATE -	REVISED -	SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT