

HMA MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Contract 88703 US 24 Astoria to Summit

Mixture Use(s):	Poly Surface Course	Binder Course	Poly Level Binder 3/4"	HMA Base Course Wid., HMA Base Course, & Class D Patches	HMA Shoulder (Bottom Lifts)	HMA Shoulder (Surface Lift)	Incidental Surface
AC/PG:	SBS or SBR 70-28	PG 64-22	SBS or SBR PG 70-28	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP% (Max): **	10%	25%	10%	25%	30%	30%	15%
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	3.0% @ N=50	4.0% @ N=50	4.0% @ N=30	3.0% @ N=30	4.0% @ N=50
Mixture Composition: (Gradation Mixture)	IL 9.5 or IL12.5	IL 12.5	IL 4.75	IL 19.0	IL 19.0L	IL 9.5L	IL 9.5 or IL12.5
Friction Aggregate:	Mixture D	N.A.	N.A.	N.A.	N.A.	Mixture C	Mixture D

** If RAP option is selected, the asphalt cement grade may need to be adjusted, this will be determined by the Materials Engineer.

FILE NAME = miscellaneous_sheets.dgn	USER NAME = horstkj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN.	DRAWN - JGJ	REVISED -			317	16W-2,RS-4;17W-1,RS-3	FULTON	240	4
	PLOT DATE = 3/9/2010	CHECKED - KJH	REVISED -			CONTRACT NO. 88703				
	DATE - 08/18/08	REVISED -		SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		