

Bituminous Mixture Requirements

The following mixture requirements are applicable to this project:

Mixture Use(s):	Surface Course	Level Binder 3/4"	CI D Patches	HMA Shoulders	HMA Shoulders	Incidental Surface Course
				(if surface not paved w/mainline)	(Lower Lifts)	
AC/PG:	PG 64-22	SBS or SBR 70-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP% (Max): **	15%	10%	25%	30%	30%	15%
Design Air Voids:	4.0% @ N=50	3.0% @ N=50	4.0% @ N=50	3.0% @ N=30	4.0% @ N=30	4.0% @ N=50
Mixture Composition: (Gradation Mixture)	IL 9.5 or IL12.5	IL 4.75	IL 19.0	IL 9.5L	IL 19.0L	IL 9.5 or IL12.5
Friction Aggregate:	Mixture D	N.A.	N.A.	Mixture C	N.A.	Mixture C

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

Bridge Overlay Notification

After placement oth bridge deck overlay, the Resident Engineer shall notify the District Bridge Maintenance Engineer of the "as constructed" milling depth and overlay thickness for updating the Illinois Highway Information System.

Hot-Mix Asphalt Shoulder 8"

Excavation for the placement of 8" Hot-Mix Asphalt Shoulders will not be paid for separately, but shall be included in the cost of Hot-Mix Asphalt shoulder 8" pay item.

FILE NAME: 0465747-shl-01-shd.dgn	USER NAME: manderj	DESIGNED: _____	REVISED: _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.	
	PLOT SCALE: 1/8" = 1'-0"	DRAWN: _____	REVISED: _____			643	011.121RS-2(IGWRS-3)01RS-4	STARBUCK	45	3
	PLOT DATE: 1/14/2016	CHECKED: _____	REVISED: _____			CONTRACT NO. 68747				
		DATE: _____	REVISED: _____			ILLINOIS FED. AID PROJECT				
				SCALE: NONE SHEET NO. OF SHEETS STA. 10 STA.						