

# 406.05 POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) RATES

Surface Type	Estimated Truck Application Rate	Residual Rate
Milled (HMA or PCC)	0.08 gal/sy (0.00034 ton/sy)	0.04 gal/sy
Existing Pavement	0.05 gal/sy (0.00022 ton/sy)	0.025 gal/sy
Fog Coat (between lifts)	0.05 gal/sy (0.00022 ton/sy)	0.025 gal/sy

**Note: Estimated truck application rate is used for estimating quantities.**

<b>BITUMINOUS MIXTURE REQUIREMENTS</b>		2/9/2011	Save As	ReSend
Contract	68A32	Description	IL 78 from Big Creek Park to Ash Street in Canton	
		County		
		Marked Route	IL 78	
The following mixture requirements are applicable for this project:				
Mixture Use(s):	Polymer Surface Course	Incidental Surface Course	CID Patches (if needed)	
AC/PG:	SBS or SBR 70-22	PG 64-22	PG 64-22	
RAP% (Max): **	10%	15%	25%	
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	
Mixture Composition:	IL 9.5 or IL12.5	IL 9.5 or IL12.5	IL 19.0	
Friction Aggregate:	Mixture E	Mixture C	N.A.	
Note: Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum aggregate size.				
Designer	JJ Appenzeller			
esals	XXX			