Agency: Date:		Project Number: Project Name:			
MGPEC Form # 9 (1/26/2012)		Mixture Design Requirements for Hot Mix Asphalt Pavements (HMA)			
• <u>Project</u>	ct Special Pro	ovision Sheet fo	r Hot Mix Asp	halt Pavements	s (HMA)
This MGPEC Form #9 is a ma The Contractor shall include a					
Street Classification: Industrial, Parking Lot or actual name		(examples: Residential, Collector, Arterial, e for Project)			
→ Construction Application:		•	☐ Top Lift ☐ Intermediate Lift(s) ☐ Patching ☐ Other		
→ Aggregate Gradation:		 □ Grading ST (1.5" or less lifts, 3/8" NMPS) □ Grading SX (2.5" or less lifts) □ Grading S (2.5+" to 3.5" lifts) □ Grading SG*1 (3.5" or thicker lifts) SMA (Top lift only) □ 3/8" □ ½" □ ¾" 			
			rading SG dep G lower lift(s) c	ends on approve only.	ed texture of mix,
→ RAP Quantity, Ma Notes: A qu Top	ality control plar	0% In for RAP will be red AP content allowed	20% quired when RAI is 20%		
→ Superpave Gyrator binder(s):	y Mix Design	Compaction Le	vel, Recomm	nended usage a	nd Recommend
Design Level	Recommended Traffic Levels			Recommended PG Binder(s)	
□ N _{design} =50	Low volume			☐ PG 58-28 or ☐ PG 64-22	
□ N _{design} =75	0 to <3 million ESALs			☐ PG 64-22 or ☐ PG 58-28	
- Poly	oinders are show mer modified Po	to <30 million E wn in order they sho G Binders are typica commended for resi	ould be consider ally used in the t	ed. op lift only	e or PG 76-28
 Target job Mix 0 (3.5% to 4.5% a 			tion, Choose ta	arget % as close	to 4.0 as possible
• Target Job Mix o	ptimum Binder	content for SMA gr	rading at 3.0% to	o 4.0% air voids	
**Warm mix asphalt (W requirements and specif					at all material
A completed MGPEC Form #9 sl	nall supplement the	MGPEC Construction S	Specifications defini	ng the contract specific	requirements of Item 9: Hot

MGPEC Form #9

Mix Asphalt Pavement (HMA). Refer to the Specifications for details.