

GUIDELINES FOR ASPHALT MIXTURE SELECTION

COURSE	TYPE FACILITY	TYPE	EST. % BINDER	BINDER GRADE	RECOM. RATE (LBS/SY)	COMMENTS
SURFACE	<ul style="list-style-type: none"> Interstate Problem intersections and areas (severe rutting and shoving potential) 	A	5.0	PG 76-22	200	<ul style="list-style-type: none"> Consult with OMR Pavement Design Unit when other facilities are being considered
	<ul style="list-style-type: none"> High volume primary & secondary ADT ≥ 5,000 	B	5.3	PG 64-22	175 - 200	<ul style="list-style-type: none"> Use only on high volume and / or high % Truck traffic roads FDP – Less than 6" or Less
	<ul style="list-style-type: none"> Low volume primary & secondary ADT 1,500 – 5,000 	C	6.0	PG 64-22	150 - 175	<ul style="list-style-type: none"> Truck traffic ≥ 20%, use Surface Type B FDP Less than 6" or Less
	<ul style="list-style-type: none"> Low volume secondary routes ADT < 1,500 	D	6.3	PG 64-22	125 - 150	<ul style="list-style-type: none"> Truck traffic ≥ 20%, use Surface Type C Use in lieu of PMTLSC on roads with rutting or other surface imperfections
	<ul style="list-style-type: none"> Multiple facility usage Consult with OMR Pavement Design Unit 	E	6.5	PG 64-22	45 - 80	<ul style="list-style-type: none"> Used for ride correction and seal course Leveling between 0.5 – 2.0 inches
INTERMEDIATE	<ul style="list-style-type: none"> Interstate & High volume primary (New Construction) 	A	4.6	PG 64-22	250 - 300	<ul style="list-style-type: none"> Use when no drop off restrictions Use Intermediate B when there are drop off restrictions
	<ul style="list-style-type: none"> High volume primary & secondary ADT ≥ 5,000 	B	5.1	PG 64-22	200	<ul style="list-style-type: none"> Old Surface Type B Mixture
	<ul style="list-style-type: none"> Interstate & High volume primary ADT ≥ 5,000 	B Special	5.4	PG 64-22	200 - 500	<ul style="list-style-type: none"> Specialty warm mix – only used on high volume routes for partial –full depth rehabilitation and FDP (2 Lifts) Mixture must be placed in confined area
	<ul style="list-style-type: none"> Primary to low volume secondary 	C	4.8	PG 64-22	200 - 300	<ul style="list-style-type: none"> Use for build-up and non-mainline paving and FDP
BASE	<ul style="list-style-type: none"> Intersections & problem areas Interstate Primary & secondary routes with ADT ≥ 5,000 	A	4.5	PG 64-22	300 - 450	
	<ul style="list-style-type: none"> Primary & secondary routes with ADT < 5,000 	B	4.5	PG 64-22	300 - 450	
	<ul style="list-style-type: none"> Special - Consult with OMR Pavement Design Unit 	C	5.5	PG 64-22	200 - 300	<ul style="list-style-type: none"> Screening asphalt base – high stability
	<ul style="list-style-type: none"> Special – Consult with OMR Pavement Design Unit 	D	5.0	PG 64-22	200 - 300	<ul style="list-style-type: none"> Sand asphalt base – low stability
SPECIALTY MIXES	<ul style="list-style-type: none"> Interstate 	OGFC	6.5	PG 76-22	125	<ul style="list-style-type: none"> Open graded friction course
	<ul style="list-style-type: none"> Primary and secondary 	PMTLSC	6.0	PG 64-22	0.75" Uncompacted	<ul style="list-style-type: none"> Preventative maintenance thin lift seal course – select only for good roads
	<ul style="list-style-type: none"> Primary and Secondary 	SHOULDER WIDENING	5.0	PG 64-22	400 - 600	<ul style="list-style-type: none"> Non-structural mix Use on outer edge of pavement that does not carry continuous traffic loads.