

Hot Mix Asphalt (HMA) Selection Guide for Preventative Maintenance Projects

Superpave FAA Type

Daily One-way ESALs	Superpave FAA Type
< 100 & Interstate shoulders	FAA 42
100 – 450	FAA 43
> 450 & Roundabouts	FAA 45

Performance Graded (PG) Asphalt Binder Selection Guide (MSCR)

Daily One-way ESALs	PG Binder Grade
< 200 & Interstate shoulders	PG 58S-34
200 – 1000	PG 58H-34
> 1000 & Roundabouts	PG 58V-34

Guidelines:

- Materials and Research will use this guide to provide an HMA Mix Recommendation on Minor Rehab projects and above.
- Daily one-way ESALs are published each year by Planning and Asset Management Division and can be found in the District Highway Information book for each highway segment.
- Use the following oil percentages for plan quantities:
 - Virgin aggregate oil = 6.0%
 - Areas of high shale content: 6.3%
 - RAP aggregate oil = 4.5%
 - Areas of high shale content: 4.8%

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