

Table 4-3  
HMA Surfacing and Structural Requirements

ADT <sup>1</sup>	Subgrade Condition <sup>2</sup>	HMA Surface	Crushed Stone Depth <sup>3</sup>									
0 - 200 ADT	Poor	2.5 Inches	11 Inches									
	Average	2.5 Inches	9 Inches									
	Good	2.5 Inches	9 Inches									
201 – 400 ADT	Poor	3 Inches	12 Inches									
	Average	3 Inches	9 Inches									
	Good	3 Inches	9 Inches									
> 400 ADT	Design for greater than 400 ADT shall be in accordance with WSDOT Pavement Policy, Volume 1, current edition.											
<sup>1</sup> ADT to be determined using the most recent edition of the ITE Trip Generation manual.												
<sup>2</sup> Subgrade Conditions <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;"></td> <td style="width: 30%; text-align: center;">Poor: Mr = 5000 psi</td> <td style="width: 40%; text-align: center;">AASHTO SOIL A4, A5, A6, A7</td> </tr> <tr> <td></td> <td style="text-align: center;">Average: Mr = 10000 psi</td> <td style="text-align: center;">AASHTO SOIL A2</td> </tr> <tr> <td></td> <td style="text-align: center;">Good: Mr = 20000 psi</td> <td style="text-align: center;">AASHTO SOIL A1, A3</td> </tr> </table>					Poor: Mr = 5000 psi	AASHTO SOIL A4, A5, A6, A7		Average: Mr = 10000 psi	AASHTO SOIL A2		Good: Mr = 20000 psi	AASHTO SOIL A1, A3
	Poor: Mr = 5000 psi	AASHTO SOIL A4, A5, A6, A7										
	Average: Mr = 10000 psi	AASHTO SOIL A2										
	Good: Mr = 20000 psi	AASHTO SOIL A1, A3										
<sup>3</sup> Crushed stone depth may be reduced based upon on-site soils investigation.												
Design assumes the area is well drained and not susceptible to frost.												