

Table 4-2
BST Surfacing and Structural Requirements^{2,3}

ADT ¹	Subgrade Condition ⁴	Crushed Stone Depth ⁵	BST Surface Class A ²
0 – 200 ADT	Poor	20 inches	3/4 inch nominal
	Average	16 inches	
	Good	16 inches	
201 – 400 ADT	Poor	21 inches	3/4 inch nominal
	Average	16 inches	
	Good	16 inches	
> 400 ADT	Poor	24 inches	3/4 inch nominal
	Average	18 inches	
	Good	18 inches	

¹ADT to be determined using the most recent edition of the ITE Trip Generation manual.

²BST Class A is a Bituminous Surface Treatment Class A as defined in WSDOT Standard Specifications 5-02.1(1), current edition.

³HMA shall be used on grades exceeding 10%

⁴ Subgrade Conditions	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

⁵Crushed stone depth may be reduced based upon on-site soils investigation.

Design assumes the area is well drained and not susceptible to frost.