

Table 4

PAVED SHOULDER CRITERIA AND DESIGN STANDARDS

Resurfacing of Existing Highways with Paved Shoulders

<u>Bituminous Surface</u> Preserve existing paved shoulder subject to geometric standards	<u>Concrete</u> Preserve existing paved shoulder subject to geometric standards
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New Construction and Reconstruction

No. of Lanes	Functional Classification/ Existing AADT	Bituminous Surface	Concrete Surface
4-Lane Divided	Expressway Arterial Collector	outside: 0.8 m bituminous paved strip inside: fully paved bituminous	outside: 0.6 m concrete strip inside: fully paved bituminous
2-Lane	- National Highway System - Primary Arterials with AADT >3500	Full width paved	Two 4.3 m concrete lanes (3.7 m lane and 0.6 m concrete strip, plus bituminous shoulder)
	Primary Arterials with AADT > 500 Other 2-lane highways with AADT >1000	0.8 m paved strip	0.6 m concrete paved strip
	All others	gravel	gravel

Consideration be given for full width paved / hard surfaced shoulders for roads having:

- 1) *Posted speed ≤ 50 km/h*
- 2) *Posted speed of 50-70 km/h and local conditions dictate (Eg. pedestrians, cyclists).*
- 3) *Route continuity*

New Asphalt Treated Highway

AST Gravel-based Highway	Full width seal (for roads whose final surface is AST)
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