

**TABLE A-1**

**THICKNESS REQUIREMENTS OF SURFACE AND BASE COURSES FOR AUTOMOBILE AND TRUCK PARKING FACILITY PAVEMENTS**

VEHICLE TYPE	SOIL CLASSIFICATION <sup>1</sup>	FULL DEPTH ASPHALT CONCRETE (in.)		ASPHALT CONCRETE WITH GRANULAR BASE (in.)	
		SURFACE	BASE	ASPHALT SURFACE & BASE	ASPHALT SURFACE & BASE
AUTO PARKING FACILITIES	A	1 1/2	2	-	-
	B	1 1/2	3 1/2	3	4
	C	1 1/2	4 1/2	3	6
TRUCK PARKING FACILITIES	A	1 1/2	3 1/2	3	4
	B	1 1/2	5 1/2	4	6
	C	1 1/2	6 1/2	4	8

<sup>1</sup> Soils are classified into three groups indicating their relative effectiveness as subgrade:

A - Granular soils that drain well; sand, gravel, or combination of sand and gravel; generally, soils having a California Bearing Ratio (CBR) greater than 10, or having AASHO Soil classification of A-1, A-2-6, A-2-5, A-2-4, or A-3, and some A-4 soils.

B - Silty clays, or lean clays, that retain considerable strength when wet. These are average subgrade soils; generally soils having a CBR greater than 5 or having an AASHO Soil Classification of A-2-7, A-4, A-7-5, and some A-5 and A-6 soils.

C- Heavy clay soils that lose most of their strength when wet; having an AASHO soil classification of A-5, A-6, or A-7-6.