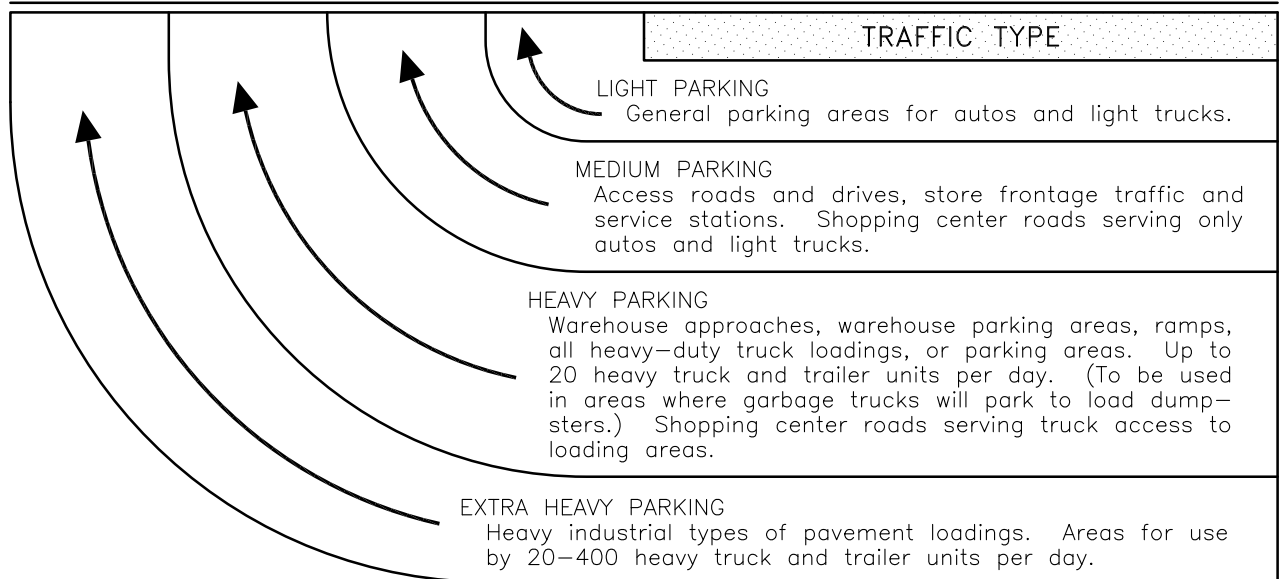


PAVEMENT THICKNESS (in) (Asphalt concrete with no base)				SUBGRADE QUALITY
6"	5"	4"	4"	GOOD TO EXCELLENT Unaffected by moisture or retains a substantial amount of support capacity when wet. Included are well or poorly-graded gravels or sand gravels, silty gravels, and well-graded sands. Minimum Sand equivalent = 30
7"	5½"	4½"	4	FAIR TO GOOD Retains a moderate degree of firmness under adverse moisture conditions. Included are poorly-graded sands or gravelly sands with little or no fines, and silty sands. Minimum Sand equivalent = 25
8"	6"	5"	4"	POOR TO FAIR Some softness and plasticity appears when wet. Included are clayey sands, inorganic silts, very fine sands, inorganic clays of low, medium or high plasticity, and gravelly to silty clays.
9"	8"	6"	4½"	POOR Becomes extremely soft and plastic when wet. Included are organic silts or silt-clays of low plasticity, inorganic silts, and organic clays of medium to high plasticity.



NOTE:
Each 1" of asphalt may be substituted with 2" of Class 2 base. 2" minimum AC.

REF.: Pamphlet No. PCD-3, distributed by THE ASPHALT INSTITUTE

REVISIONS	BY	APP	DATE
New border	JDL	WAP	1-98
Change Class "III" to "2"	JDL	JDW	9-02
STANDARD CURRENT AS OF:	January 2010		



PAVEMENT DESIGN