

Simplified Pavement Designs for Short* Projects															ADT = 450 x 0.08 = 36
Pavement Composition	Pavement Course Thicknesses														
	Number of Trucks in Opening Day ADT (ADT x T24)														
	<=10		11-25		26-50		51-100		101-200		201-400		401-800		>800
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
Flexible Design															
441 AC Surface, Type 1, (449), PG64-22**	1.25	32	3	75	3	75	3	75	3	75	3	75	3	75	n/a
301 Asphalt Concrete Base, (449), PG64-22	4	100	4	100	5	125	6	150	7	180	8	200	9	230	n/a
304 Aggregate Base	6	150	6	150	6	150	6	150	6	150	6	150	6	150	n/a
Alternate Flexible Design															
441 AC Surface, Type 1, (449), PG64-22**	3	75	-	-	-	-	-	-	-	-	-	-	-	-	n/a
304 Aggregate Base	12	300	-	-	-	-	-	-	-	-	-	-	-	-	n/a
Rigid Design															
452 Non-Reinforced Concrete Pavement, Class QC 1P	7***	180	7***	180	7***	180	7***	180	8	210	9	230	10	260	n/a
304 Aggregate Base	6	150	6	150	6	150	6	150	6	150	6	150	6	150	n/a

* Less than 300 linear feet (100 m) of total pavement replacement.

** Include a plan note restricting the 441 to 2-inch (50 mm) maximum lift thickness.

*** 7-inch (180 mm) concrete is allowed for short projects only. All other projects require 8-inch (200 mm) minimum in accordance with Section 302.