

DESIGN VEHICLE TYPE	SYMBOL	DIMENSIONS (ft)											
		Overall			Overhang		Wheelbases						
		Height	Width	Lgth.	Front	Rear	WB1	WB2	S	T	WB3	WB4	
Passenger Car	P	4.25	7.0	19.0	3.0	5.0	11.0						
Single Unit Truck	SU	11-13.5	8.0	30.0	4.0	6.0	20.0						
Intercity Bus	BUS-40	12.0	8.5	40.0	6.0	6.3 ^a	24.0	3.7					
Motor Coach	BUS-45	12.0	8.5	45.0	6.0	8.5 ^a	26.5	4.0					
City Transit Bus	CITY-BUS	10.5	8.5	40.0	7.0	8.0	25.0						
Conventional School Bus (65 Pass.)	S-BUS 36	10.5	8.0	35.8	2.5	12.0	21.3						
Large School Bus (84 Pass.)	S-BUS 40	10.5	8.0	40.0	7.0	13.0	20.0						
Articulated Bus	A-BUS	11.0	8.5	60.0	8.6	10.0	22.0	19.4	6.2 ^b	13.2 ^b			
Combination Trucks:													
Intermediate Semitrailer	WB-40	13.5	8.0	45.5	3.0	2.5 ^a	12.5	27.5					
Intermediate Semitrailer	WB-50	13.5	8.5	55.0	3.0	2.0 ^a	14.6	35.4					
Interstate Semitrailer	WB-62	13.5	8.5	68.5	4.0	2.5 ^a	21.6	40.4					
Interstate Semitrailer	WB-65 or WB-67	13.5	8.5	73.5	4.0	4.5-2.5 ^a	21.6	43.4					
"Double-Bottom"-Semitrailer	WB-67D	13.5	8.5	73.3	2.33	3.0	11.0	23.0	3.0 ^c	7.0 ^c	23.0		
Triple-Semitrailer	WB-100T	13.5	8.5	104.8	2.33	3.0	11.0	22.5	3.0 ^c	7.0 ^c	23.0	23.0	
Turnpike Double Semitrailer	WB-109D	13.5	8.5	114	2.33	2.5 ^d	14.3	39.9	2.5 ^d	10.0 ^d	44.5		
Recreational Vehicles:													
Motor Home	MH	12.0	8.0	30.0	4.0	6.0	20.0						
Car and Camper Trailer	P/T	10.0	8.0	48.7	3.0	10.0	11.0		5	19			
Car and Boat Trailer	P/B		8.0	42.0	3.0	8.0	11.0		5	15			
Motor Home and Boat Trailer	MH/B	12.0	8.0	53.0	4.0	8.0	20.0		6	15			
Farm Tractor ^e	TR	10.0	8-10.0	16.0 ^f			10.0	9.0	3	6.5			

* The Indiana Design Vehicle (IDV) is equivalent to the WB-65.

WB1, WB2, WB3, and WB4 are effective vehicle wheelbases.

S = Distance from the rear effective axle to the hitch point.

T = Distance from the hitch point to the lead effective axle of the following unit.

a = This is overhang from the back axle of the tandem axle assembly.

b = Combined dimension is 19.4 ft and articulating section is 4 ft wide.

c = Combined dimension is typically 10.0 ft.

d = Combined dimension is typically 12.5 ft.

e = Dimensions are for a 150-200 hp tractor excluding wagon length.

f = To obtain the total length of tractor and one wagon, add 18.5 ft to tractor length. Wagon length is measured from front of drawbar to rear of wagon, and drawbar is 6.5 ft long.

DESIGN-VEHICLE DIMENSIONS

Figure 40-4A