

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	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	24.0	3.7					
Motor Coach	BUS-45	12.0	8.5	45.0	6.0	8.5	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	13.2			
Combination Trucks:													
Intermediate Semitrailer	WB-40	13.5	8.0	45.5	3.0	2.5	12.5	27.5					
Large Semitrailer	WB-50	13.5	8.5	55.0	3.0	2.0	14.6	35.4					
“Double Bottom” Semitrailer (Full Trailer)	WB-62	13.5	8.5	68.5	4.0	2.5	21.6	40.4	4.0 <sup>a</sup>	7.0 <sup>a</sup>	21.0		
Interstate Semitrailer	WB-65	13.5	8.5	73.5	4.0	4.5	21.6	45.4					
Interstate Semitrailer*	WB-65D	13.5	8.5	73.3	2.3	3.0	11.0	23.0	3.0	7.0	23.0		
Triple Semitrailer	WB-100T	13.5	8.5	104.8	2.3	3.0	11.0	22.5	3.0 <sup>b</sup>	7.0 <sup>b</sup>	23.0	55.8	
Turnpike Double Semitrailer	WB-109D	13.5	8.5	114	2.3	2.5	11.0	39.9	2.5 <sup>c</sup>	10.0 <sup>c</sup>	44.5		
Recreation 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		1.5				
Car and Boat Trailer	P/B		8.0	42.0	3.0	8.0	11.0		1.5				
Motor Home and Boat Trailer	MH/B	12.0	8.0	53.0	4.0	8.0	20.0		1.8				
Farm Tractor	TR	10.0	10.0	16.0			10.0	9.0	0.9	6.5			

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

a = Combined dimension 10 ft, split is estimated.

b = Combined dimension 10 ft, split is estimated.

c = Combined dimension 8 ft, split is estimated.

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.

## DESIGN VEHICLE DIMENSIONS

Figure 40-4A