



PROSPECT HEIGHTS FIRE PROTECTION DISTRICT

Bureau of Fire Prevention

10 East Camp McDonald Road

Prospect Heights, Illinois 60070

Non emergency #847-253-8060 Fax #847-253-4759

Timothy D. Jones
Deputy Chief /Fire Marshal

VEHICLE TURNING RADIUS AND VEHICLE WEIGHTS							
	Engine 9	Ladder 9	Engine 39 EAST SIDE ENGINE	Ambulance 9 & 39	Tanker 9	Crash Truck 39	Squad 9
GVWR	#47,000	#72,240	#42,000	#20,000	#59,200	#46,000	#51,400
GAWR Front	#20,000	#26,740	#18,000	#8,000	#18,540	#23,000	#21,000
GAWR Rear	#27,000	#53,500	#24,000	#12,000	#23,800	#24,000	#30,400
Wheelbase	228"	250"	210"	168"	186"	190"	239"
Front Extension	21"	16"	16"	None	16"		29"
Inside Cramp Angle	50°	45°	45°		45°		45°
Curb to Curb Turning Radius	36'	36'	29'	28'	28'		34'
Wall to Wall Turning Radius	40'	40'	32'	29'	30'	88'	39'
All dimensions in feet or pounds							

Inside Turning Radius – Radius of the smallest circle around which the inside of the vehicle’s tires can turn.

Curb to Curb turning radius - Radius of the smallest circle inside of which the vehicle’s tires can turn. This allows for the vehicles bumper to overhang the curb. Assuming a 9” curb.

Wall to Wall turning radius – The entire vehicle can turn inside this circle. No overhang taken into account.