

RULE 178 (b)

When following another train, the Motorman, Operator, Yard Foreman, or Switchman must keep at a safe distance and must operate the train at a speed which will enable him to stop safely should the train ahead make a sudden stop at an unexpected place. Collision with another train will not be excused.

INSTRUCTIONS FOR RULE 178 (b)

WHEN THERE IS A TRAIN AHEAD, whether it appears to be moving or standing, the Motorman must begin braking at a distance no less than the distance indicated below:

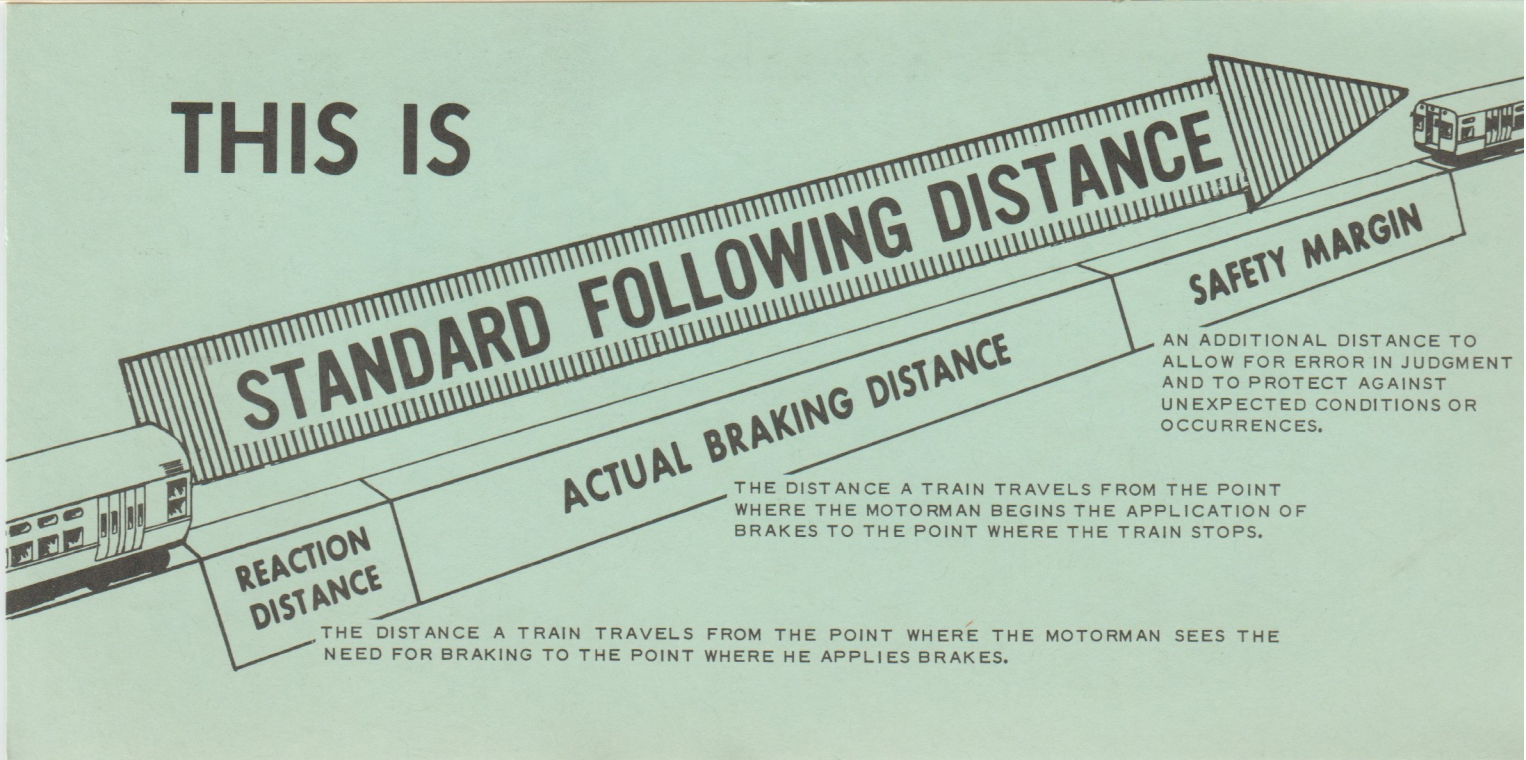
STANDARD FOLLOWING DISTANCE FOR ALL-ELECTRIC CARS

AT 55 MPH	(full speed, 2000's, 2200's and Skokie cars)	2000 FT.	(about 3 city blocks)
AT 50 MPH	(full speed, 6000's)	1600 FT.	(about 2-2/3 city blocks)
AT 35 MPH		1200 FT.	(about 2 city blocks)
AT 20 MPH	(2nd point speed, 2000's & 2200's)	400 FT.	(about 2/3 city block)
AT 10 MPH		200 FT.	(about 4 car lengths)
AT 6 MPH		50 FT.	
AT 3 MPH		-----	

NOTES:

1. When within 50 ft. or less of a train ahead, Motorman must not operate faster than walking speed (approx. 3 MPH).
2. These standard following distances are based on the use of braking on level track with good rail, all cars braking, and good visibility.
3. On downgrades, these following distances must be increased on all series by 25%. On slippery or rusty rail, these following distances should be even greater.
4. When visibility is limited, the standard following distances also determine the maximum operating speed even when no train ahead can be seen. Examples: If visibility is limited to 400 feet, operate no faster than 20 MPH.

THIS IS



STANDARD FOLLOWING DISTANCE

ACTUAL BRAKING DISTANCE

SAFETY MARGIN

REACTION DISTANCE

THE DISTANCE A TRAIN TRAVELS FROM THE POINT WHERE THE MOTORMAN BEGINS THE APPLICATION OF BRAKES TO THE POINT WHERE THE TRAIN STOPS.

THE DISTANCE A TRAIN TRAVELS FROM THE POINT WHERE THE MOTORMAN SEES THE NEED FOR BRAKING TO THE POINT WHERE HE APPLIES BRAKES.

AN ADDITIONAL DISTANCE TO ALLOW FOR ERROR IN JUDGMENT AND TO PROTECT AGAINST UNEXPECTED CONDITIONS OR OCCURRENCES.