

*Station
Achievement
Awards*

CHICAGO TRANSIT AUTHORITY



**A COMPETITION FOR SURFACE, BOULEVARD,
AND RAPID TRANSIT STATIONS**

CHICAGO TRANSIT AUTHORITY

MERCHANDISE MART PLAZA, CHICAGO 54, ILLINOIS

Telephone, MOhawk 4-7200

Address Mail to P. O. BOX 3555



WALTER J. McCARTER
General Manager

To Transportation Department Operating Personnel:

You men who operate the streetcars, buses, and trains are the personal representatives of Chicago Transit Authority. Through your daily contacts with our riders and with pedestrians and other drivers, you are CTA in the eyes of the public. The safety records you achieve as individuals become the overall CTA safety record, and Chicago Transit Authority wishes to acknowledge that CTA's traffic safety record is one of the best, not only in Chicago but throughout the transit industry.

Chicago Transit Authority also wishes to give special recognition to those stations wherein you men have combined your efforts as a group to achieve a good station safety record. In order to do this, and at the same time build an incentive to improve station safety records even more, a Station Achievement Award Plan has been established.

In brief, the Station Achievement Award Plan is a competition wherein plaques, appropriately engraved, are awarded to stations that achieve the greatest improvement in the frequency rates of traffic accidents and passenger accidents.

Whenever groups of men are pitted against each other in contest, the competition is stiff, and, from experience, transit operators are no exception. The competition among the stations will be interesting, not only for you men but also for all CTA employes.

Chicago Transit Authority wishes the best of luck to all stations in this competition. May the best stations win!

Sincerely yours,

W. J. McCarter
Walter J. McCarter
General Manager

ADMINISTRATION OF THE STATION ACHIEVEMENT AWARD PLAN

The Accident Prevention Department will compile the statistics and compute the rates on traffic accidents and passenger accidents to determine the winners of plaques.

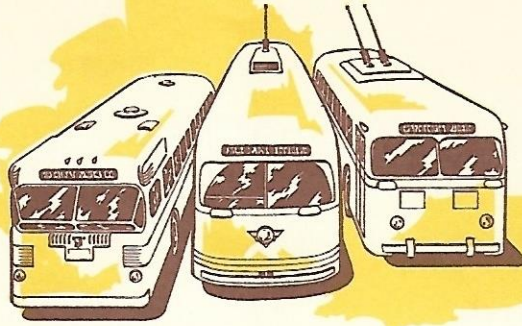
Traffic Accidents will be classified as:

1. CTA Cars, buses, or trains colliding with one another.
2. CTA Cars, buses, or trains involved with other vehicles or fixed objects.
3. CTA Cars, buses, or trains involved with persons walking across or alongside CTA roadways or tracks.

Passenger Accidents will be classified as:

1. Boarding Accidents
2. Alighting Accidents
3. Fall-in-Car or Bus Accidents

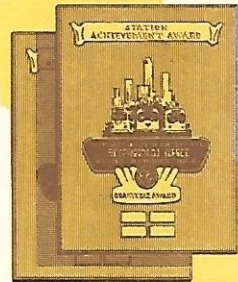
Although all CTA operating stations are included in this Station Achievement Award Plan, the difference in Surface and Boulevard operation from that of Rapid Transit operation necessitates two separate competitions: a Surface and Boulevard station competition and a Rapid Transit station competition.



Surface and Boulevard Competition

QUARTERLY STATION ACHIEVEMENT AWARDS

Every three months two quarterly plaques are to be awarded; one plaque to the station achieving the best improvement in its traffic accident frequency rate and one plaque to the station achieving the best improvement in its passenger accident frequency rate. The rates for the three months under competition are compared with the average rates established for the previous three calendar years. The stations that are awarded quarterly plaques retain possession of the plaques for the following three months, after which the plaques are awarded to the stations winning in the next quarterly period.



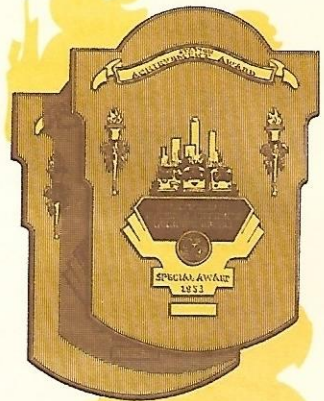
ANNUAL STATION ACHIEVEMENT AWARDS

Each year two annual plaques are awarded; one plaque to the station achieving the best improvement in its traffic accident frequency rate and one plaque to the station achieving the best improvement in its passenger accident frequency rate. The rates for the year under competition are compared with the average rates established for the previous three calendar years. Stations that are awarded annual plaques retain permanent possession of the plaques.



SPECIAL STATION ACHIEVEMENT AWARDS

Each year the record of each station will be considered from the standpoint of having an outstanding safety record. To be eligible for this special achievement award, a station must have achieved especially low traffic and passenger accident frequency rates, must have maintained those rates for at least three consecutive years, and must have a percentage of preventable accidents below the average of the group in the Surface-Boulevard competition. This award is the highest award a station can achieve and is not necessarily awarded each year. A station winning this award will be presented a Special Station Achievement Award plaque which remains the station's permanent possession.



HOW ACCIDENT FREQUENCY RATES ARE CALCULATED

Traffic accident frequency rates are based on the number of traffic accidents per 100,000 streetcar and bus miles operated.

FORMULA FOR CALCULATING TRAFFIC ACCIDENT FREQUENCY RATE:

$$\frac{\text{Traffic Accidents X 100,000}}{\text{Streetcar and Bus Miles}} = \text{Traffic Accident Frequency Rate}$$

EXAMPLE:

If a station had 850 traffic accidents in a given period and its vehicles had traveled 4,000,000 miles during that period, the traffic accident frequency rate would be calculated as follows:

$$850 \times 100,000 = 85,000,000$$

$$85,000,000 \div 4,000,000 = 21.25$$

$$21.25 = \text{Traffic Accident Frequency Rate}$$

Passenger accident frequency rates are based on the number of passenger accidents per 1,000,000 passengers carried (revenue passengers times the transfer factor).

FORMULA FOR CALCULATING PASSENGER ACCIDENT FREQUENCY RATE:

$$\frac{\text{Passenger Accidents X 1,000,000}}{\text{Passengers Carried}} = \text{Passenger Accident Frequency Rate}$$

EXAMPLE:

If a station had 500 passenger accidents in a given period and had carried 70,000,000 passengers during that period, the passenger accident frequency rate would be calculated as follows:

$$500 \times 1,000,000 = 500,000,000$$

$$500,000,000 \div 70,000,000 = 7.14$$

$$7.14 = \text{Passenger Accident Frequency Rate}$$



Rapid Transit Competition

QUARTERLY STATION ACHIEVEMENT AWARD

Every three months a quarterly plaque is to be awarded to the station achieving the best improvement in its combined traffic accident and passenger accident frequency rate. The rate for the three months under competition is compared with the average rate established for the previous three calendar years. The station that is awarded this plaque retains possession of the plaque for the following three months, after which the plaque is awarded to the station winning in the next quarterly period.



ANNUAL STATION ACHIEVEMENT AWARD

Each year an annual plaque is awarded to the station achieving the best improvement in its combined traffic accident and passenger accident frequency rate. The rate for the year under competition is compared with the average rate established for the previous three calendar years. Stations that are awarded annual plaques retain permanent possession of the plaques.



SPECIAL STATION ACHIEVEMENT AWARD

Each year the record of each station will be considered from the standpoint of having an outstanding safety record. To be eligible for this special achievement award, a station must have achieved an especially low traffic-passenger accident frequency rate, must have maintained that rate for at least three consecutive years, and must have a percentage of preventable accidents below the average of the group in the Rapid Transit competition. This is the highest award a station can achieve and is not necessarily awarded each year. A station winning this award will be presented a Special Station Achievement Award plaque which remains the station's permanent possession.



HOW ACCIDENT FREQUENCY RATES ARE CALCULATED

Traffic-passenger accident frequency rates are based on the number of traffic and passenger accidents per 100,000 revenue miles operated.

FORMULA FOR CALCULATING TRAFFIC-PASSENGER FREQUENCY RATE:

$$\frac{\text{Traffic + Passenger Accidents X 100,000}}{\text{Revenue Miles Operated}} = \text{Traffic-Passenger Accident Frequency Rate}$$

EXAMPLE:

If a station had a total of 120 traffic accidents and passenger accidents in a given period and its trains had operated a total of 11,000,000 revenue miles during that period, the traffic-passenger accident frequency rate would be calculated as follows:

$$120 \times 100,000 = 12,000,000$$

$$12,000,000 \div 11,000,000 = 1.18$$

$$1.18 = \text{Traffic - Passenger Accident Frequency Rate}$$

ELIGIBILITY FOR AWARDS

Although the basis for eligibility in winning an award is a comparison of the period under competition to the average of the three previous calendar years, new stations or stations shifting lines may not have a three year period to use for a comparison. In this event, a station may use as little as a twenty-one month period for comparison purposes rather than a thirty-six month period required of other stations. However, for a station to be eligible, the records

and statistics compiled by the Accident Prevention Department must indicate that a comparison using less than the three year period is fair to the other stations.

Another factor which may affect the eligibility of a station in winning an award is a change in the proportion of types of equipment. Any station whose proportion of equipment, such as streetcars to buses, has changed more than 75 per cent during the last six months of the year under competition may be disqualified from competition that year.

COMPETING STATIONS

SURFACE-BOULEVARD COMPETITION

Archer
Beverly
Blue Island
Cottage Grove
Devon
Kedzie
Keeler
Lawndale
Lawrence
Limits
North Avenue
North Park
Ravenswood
Rosemont
Wilcox
52nd
69th
77th

RAPID TRANSIT COMPETITION

Douglas Park
Howard
Kimball
Lake Street
Laramie
Logan Square
Loomis
61st

**CHICAGO TRANSIT AUTHORITY
TRAINING DEPARTMENT**

