

STAINLESS STEEL RAPID TRANSIT CARS

The following photographs illustrate the 270 stainless steel Rapid Transit Cars built by The Budd Company for the Market-Frankford Subway-Elevated System in the City of Philadelphia.

Principal features in the design of these cars are as follows:

Weight - (empty)	
Single Car	51,600 lbs.
"A" Car	48,600 lbs.
"B" Car	48,400 lbs.
Length	55' 0"
Width	9' 2-1/8"
Height	12' 8-3/16"
Seated Capacity	55
Compressive Strength	275,000 lbs.
Maximum Speed	55 mph
Acceleration Rate	2.75 mphps
Braking	Dynamic and Shoe
Deceleration Rate	2.75 mphps
Traction Motors	600 Volt D.C.
Motor Horsepower	100 H.P.