

BROOKVILLE entered the streetcar market in 2002, contributing to the first truly "Made in USA" streetcars since the early 1950s. We currently have 68 streetcars in operation in the USA.

The Liberty Streetcar, BROOKVILLE's new light rail vehicle (LRV) platform, uses industry proven systems, sub-systems, and components. It was engineered after consulting operations and maintenance transit agencies to address streetcar industry needs. The car has been designed by an American workforce, using the best proven technology from around the world, and packaged for the North American market.

A Unique, Cost-Effective Solution:

BROOKVILLE designs, constructs, and tests at a single location, permitting a convenient and cost-effective inspection schedule. Operations and maintenance training is included and conducted at your location by former transit agency professionals with hands-on experience. The Liberty Streetcar also takes FTA safety and security protocols seriously, and includes documents needed for inclusion in the Safety and Security Plan.

Our Customers Include:

- San Francisco Municipal Transportation Agency (SFMTA)
- New Orleans Regional Transit Authority (NORTA)
- Southeastern Pennsylvania Transportation Authority (SEPTA)
- Dallas Area Rapid Transit (DART)



On Track for the
ENVIRONMENT



Above: Liberty Streetcar with three passenger compartments.



Above: Interior of Liberty Streetcar with customizable seating arrangements.

Below: Exterior of Liberty Streetcar with sleek, modern design.



Below: The low-floor center section provides an enjoyable, accessible experience for all riders.



LIBERTY

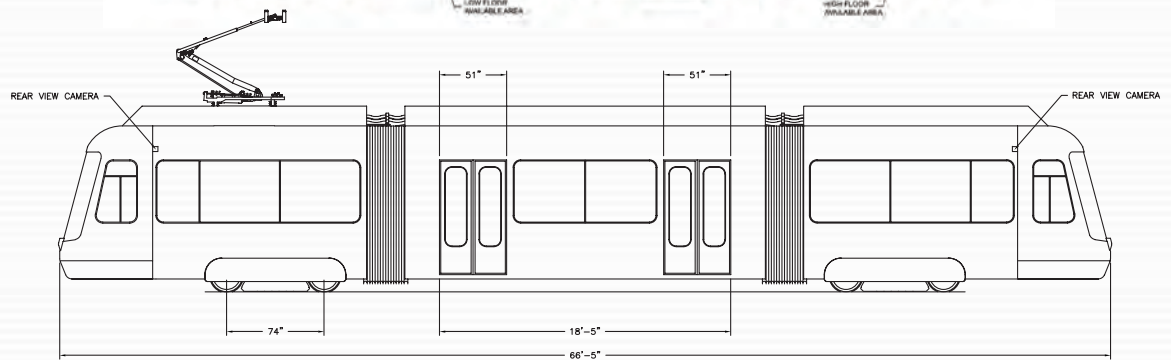
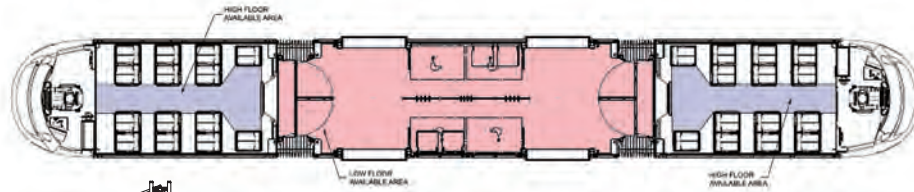
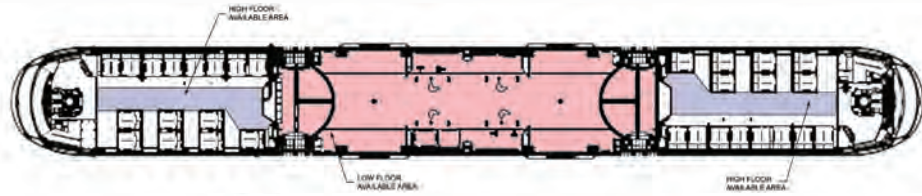
**Car Width
8 Feet
(2.45 meters)**

**Car Width
8 Feet, 8 Inches
(2.65 meters)**



Smartphone Users: Scan this QR Code for more information on our Modern Streetcars.

Proposed Floor Plans Below Are Customizable For Your Specific Needs



Liberty Class Streetcar - Technical Specifications

Track Gauge	Standard 4 Feet, 8.5 Inches	
Boarding Height	13.75 Inches (350mm)	
Power Supply	750 V DC (Max. 925 V DC, Min. 525 V DC)	
Low-Voltage Power Supply	24 V DC	
Motors	4 x 65 kW or 4 x 99 kW	
Maximum Speed	44 mph (70 km/h)	
Minimum Turning Radius	59 Feet	
Vehicle Length	66 Feet, 5 Inches	
Max. Height (w/o Pantograph)	11 Feet	
Wheelbase	39 Feet	
Weight of Car Empty	63,960 lbs (without off-wire capability)	
Acceleration	3.0 mphps (1.3m/s ²)	
Brake Deceleration	3.0 mphps	
Emergency Brake Deceleration	5.0 mphps	
Maximum Grade	9%	
Vehicle Width	8 Feet (2.46 m)	8 Feet, 8 Inches (2.65 m)
Percentage of Low-Floor Area	71%	71%
Total Seating Capacity	30 Seats + 4 Flip-up Seats + 1 Operator	28 Seats + 4 Flip-up Seats + 1 Operator
Maximum Capacity (AW3)	105 Standees + 30 Seated + 1 Operator = 136	121 Standees + 28 Seated + 1 Operator = 150
Maximum Capacity (AW4)	140 Standees + 30 Seated + 1 Operator = 171	161 Standees + 28 Seated + 1 Operator = 190

Features of the Car Include:

- Over 70% low floor
- BROOKVILLE soft-ride trucks proven under 49 streetcars in USA
- Meets Buy America requirements

Standard Options:

- Two body widths
- Different door configurations
- Various seating configurations
- Various body trim/paint schemes
- Multiple Unit operation (MU)
- Propulsion upgrades for higher speed
- Energy Storage System (ESS) for periods of off-wire operation