

H Street / Benning Road Streetcar Initiative

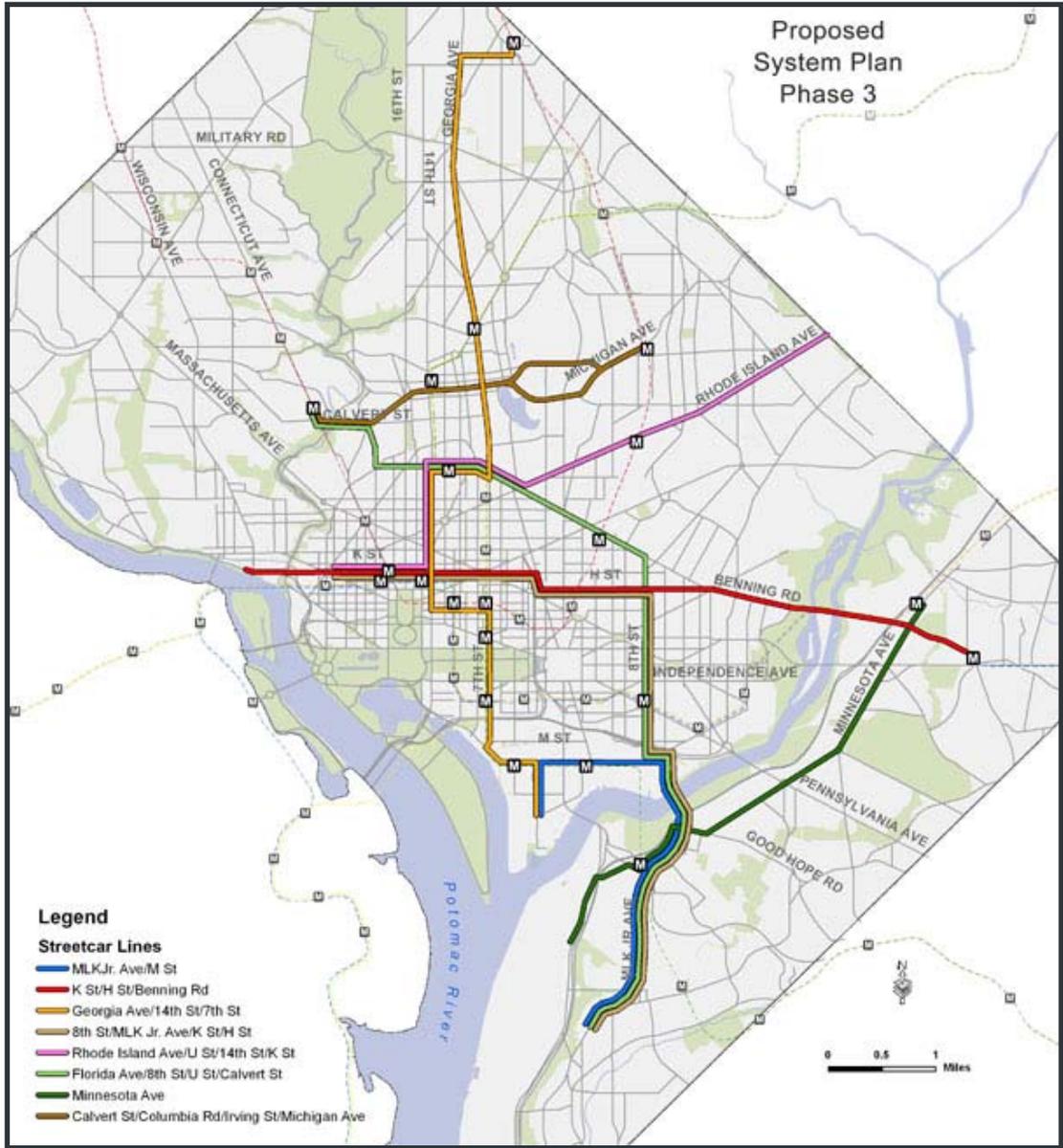


Streetscaping and roadway reconstruction on H Street and Benning Roads, NE from 3rd Street NE to Oklahoma Avenue, NE are currently under construction.

- DDOT installed streetcar tracks,
- OCS pole foundations and some conduit

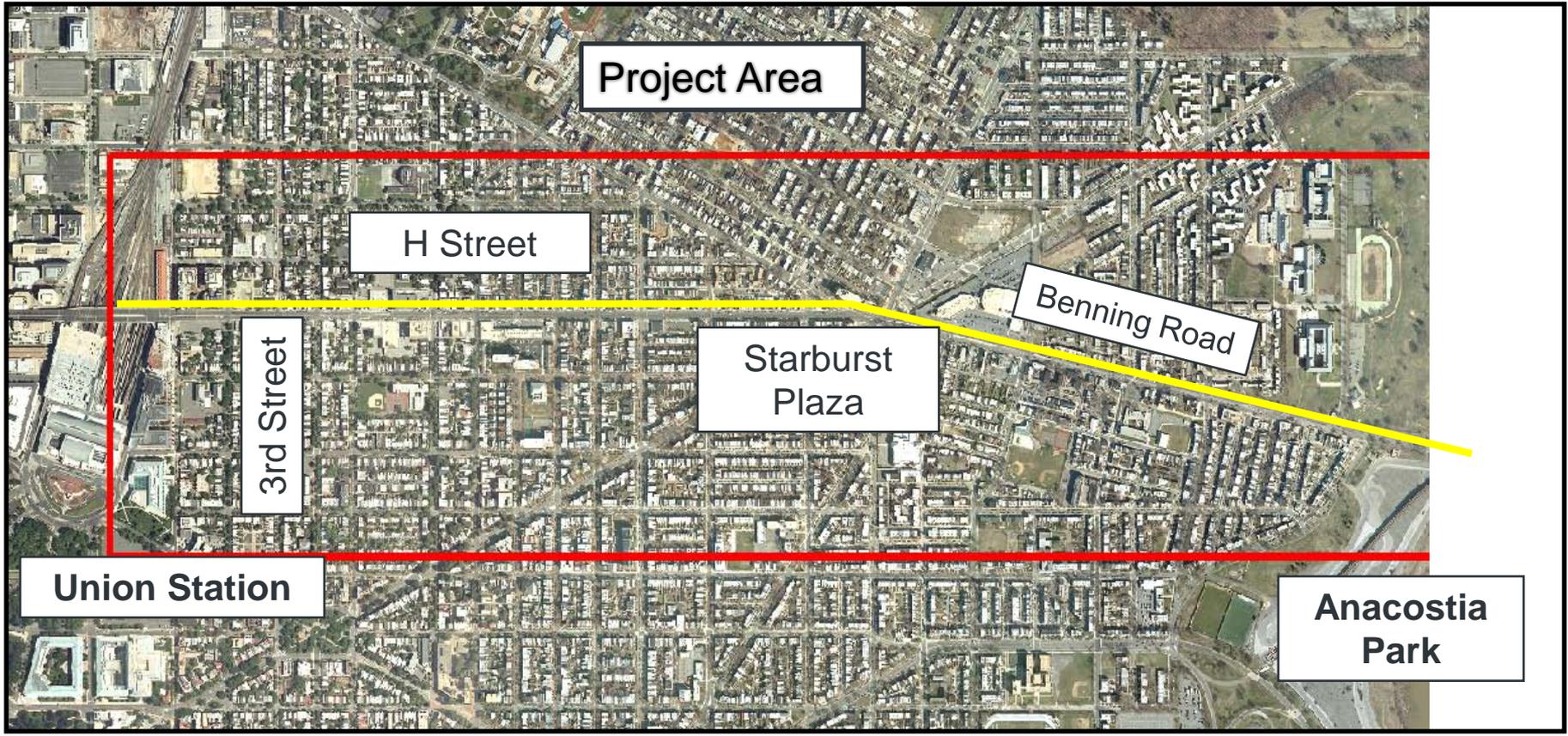
The purpose of the project is to develop a *design for a fully operable H Street and Benning Road Streetcar line.*

District of Columbia Streetcar System Plan



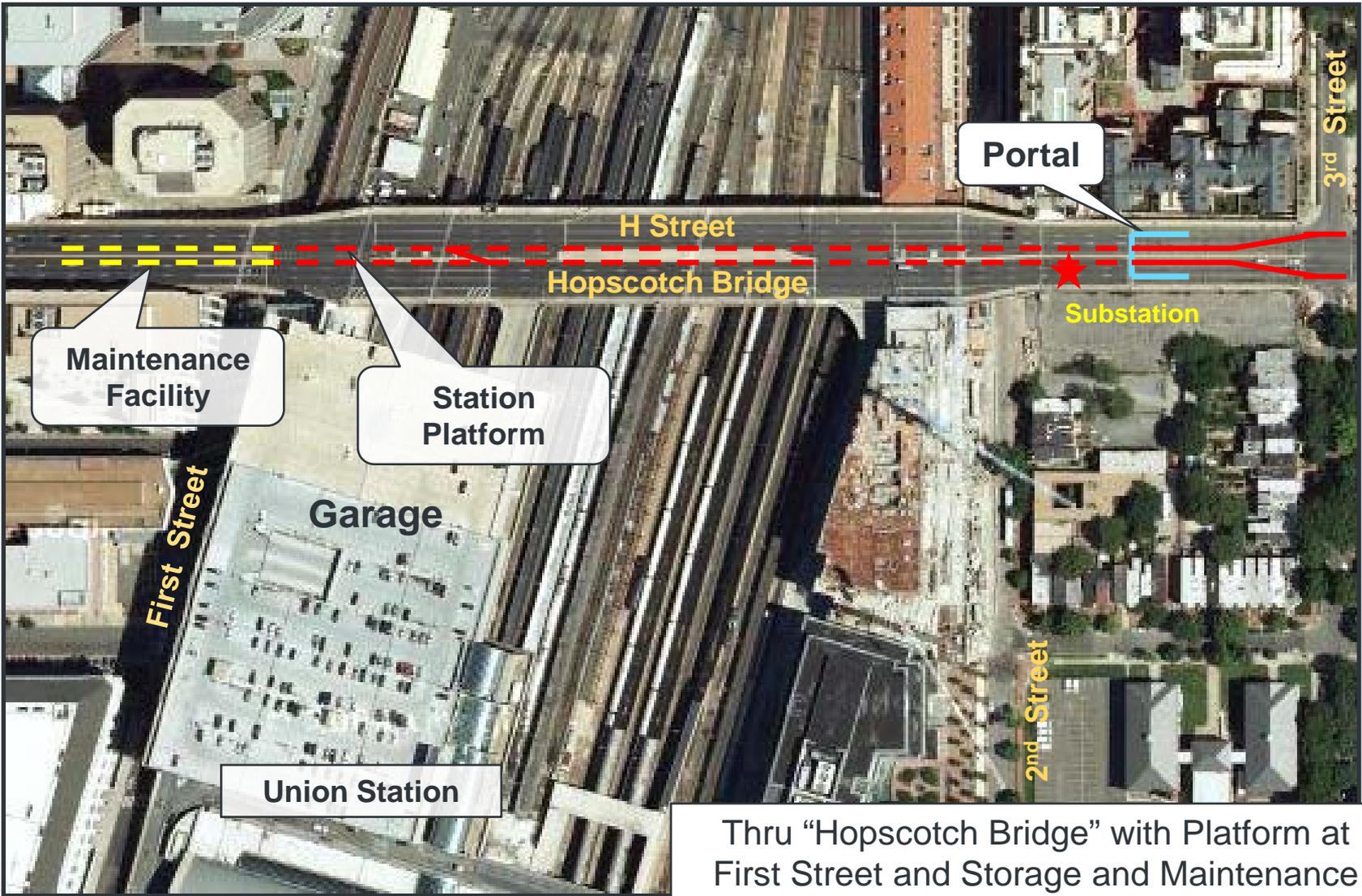
- 37 Miles
- 150,000 riders per day
- 3 Phases of Construction for 8 Wards

Route Overview



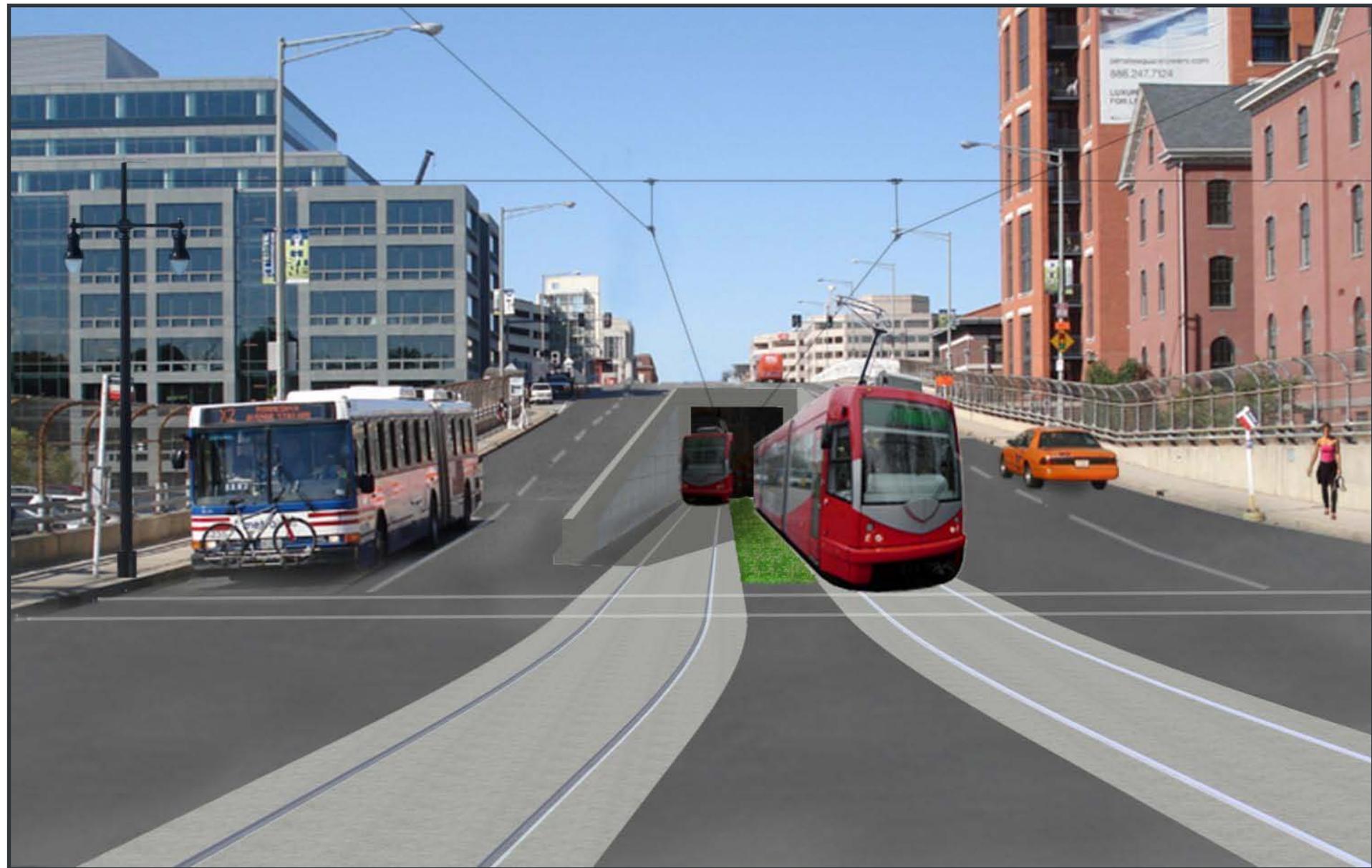
Route West of 3rd Street

Portal with Station at First Street



Thru "Hopscotch Bridge" with Platform at First Street and Storage and Maintenance Under Bridge west of First Street

Route West of 3rd Street Portal at H Street Overpass



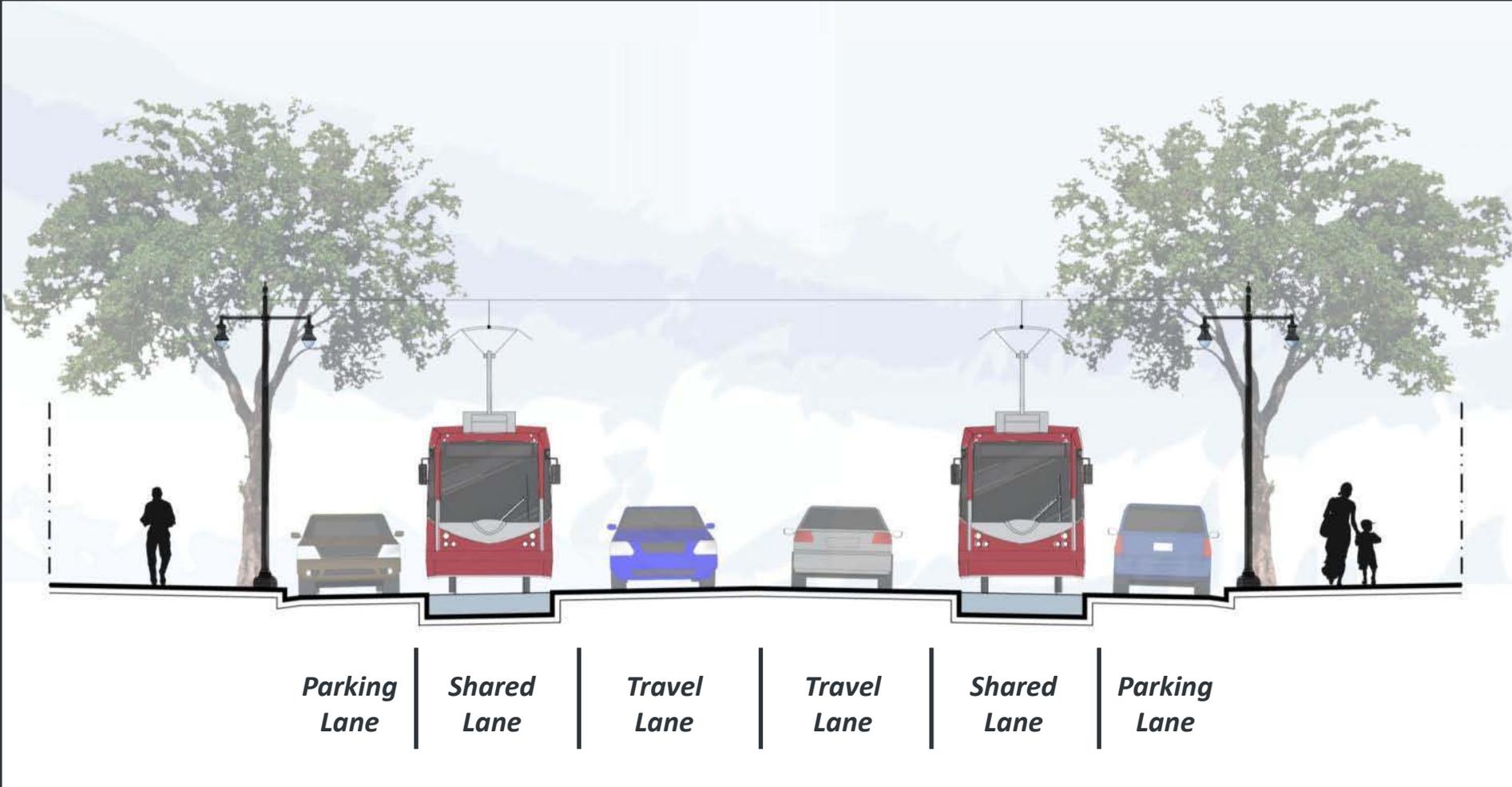
Route West of 3rd Street

H Street Underpass



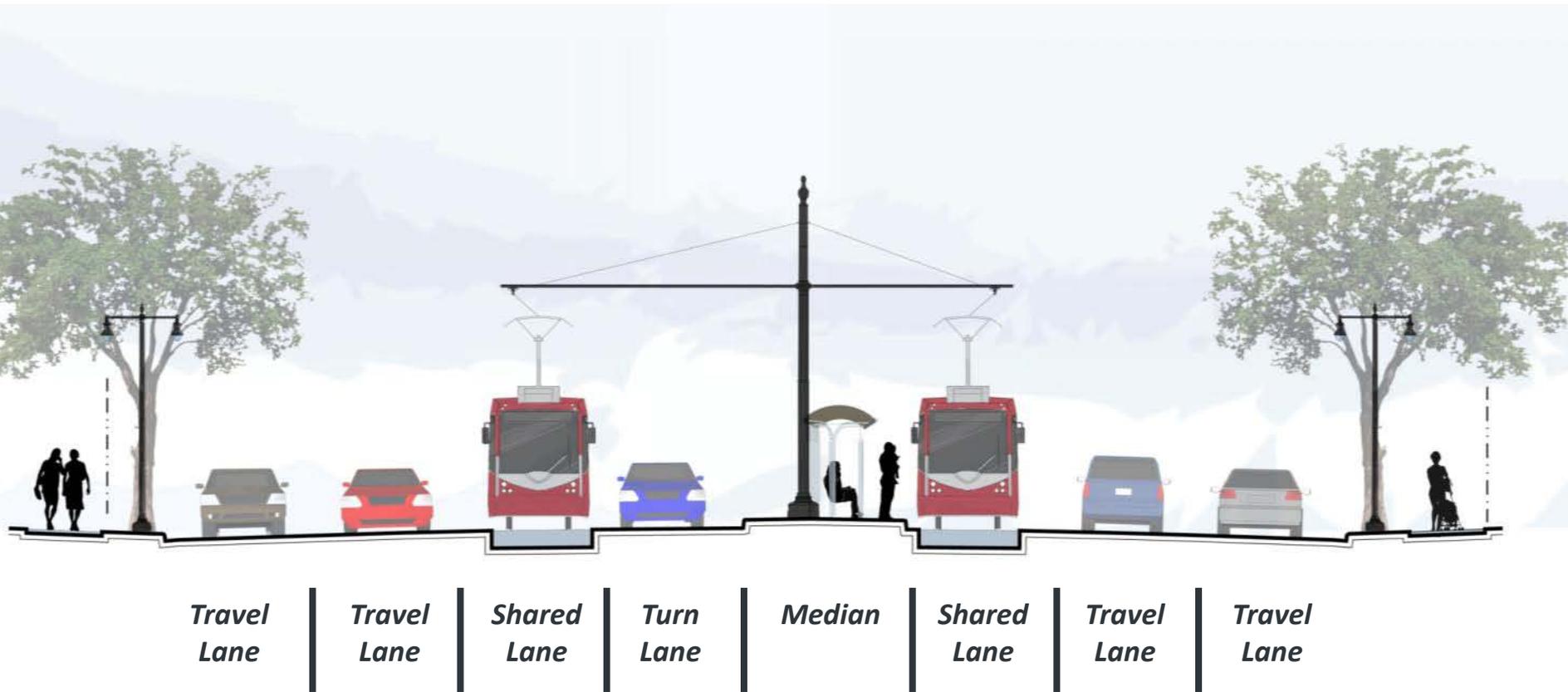
H Street – Benning Road Streetcar

Typical Sections – H Street



H Street – Benning Road Streetcar

Typical Sections – Benning Road



Overall Project Length = 2.2 miles

3 Substations with PEPCO feed to supply power to the Streetcar System

Locations:

- East end near 26th Street and Benning Road
- Wylie Street (between 12th & 13th)
- H Street, between 2nd and 3rd Streets (under bridge)

Power Substation

Wylie Street



Power Substation

26th Street/Benning Road



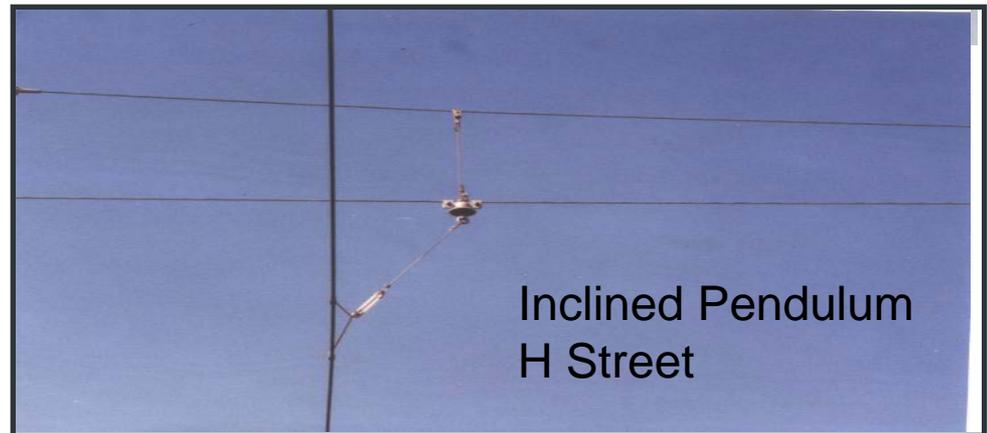
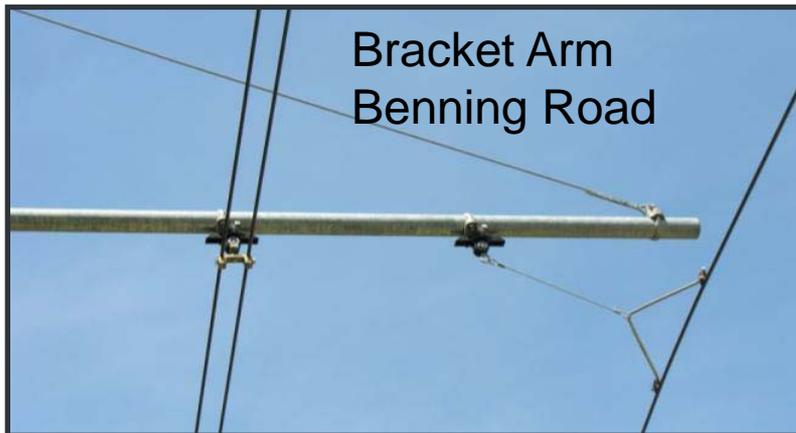
Overhead Contact System

Provide Power to Streetcars

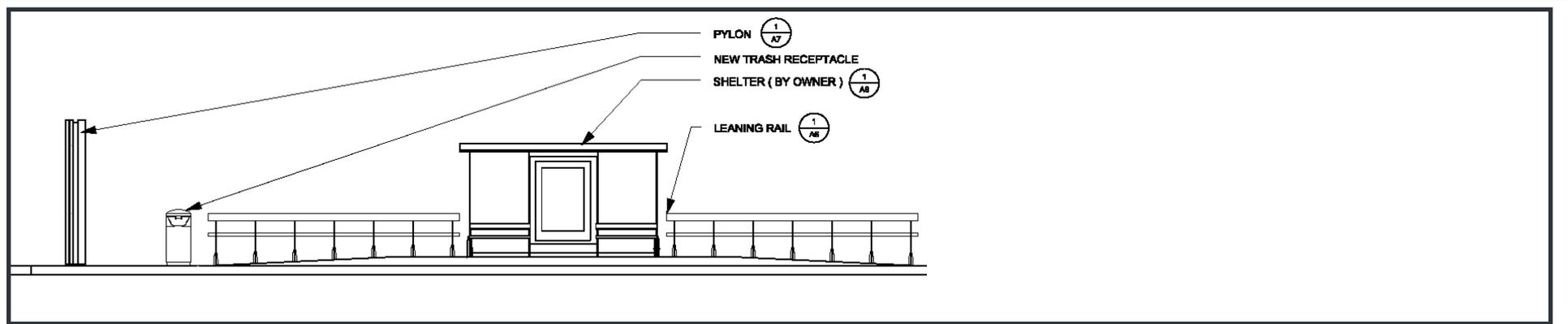


Goals

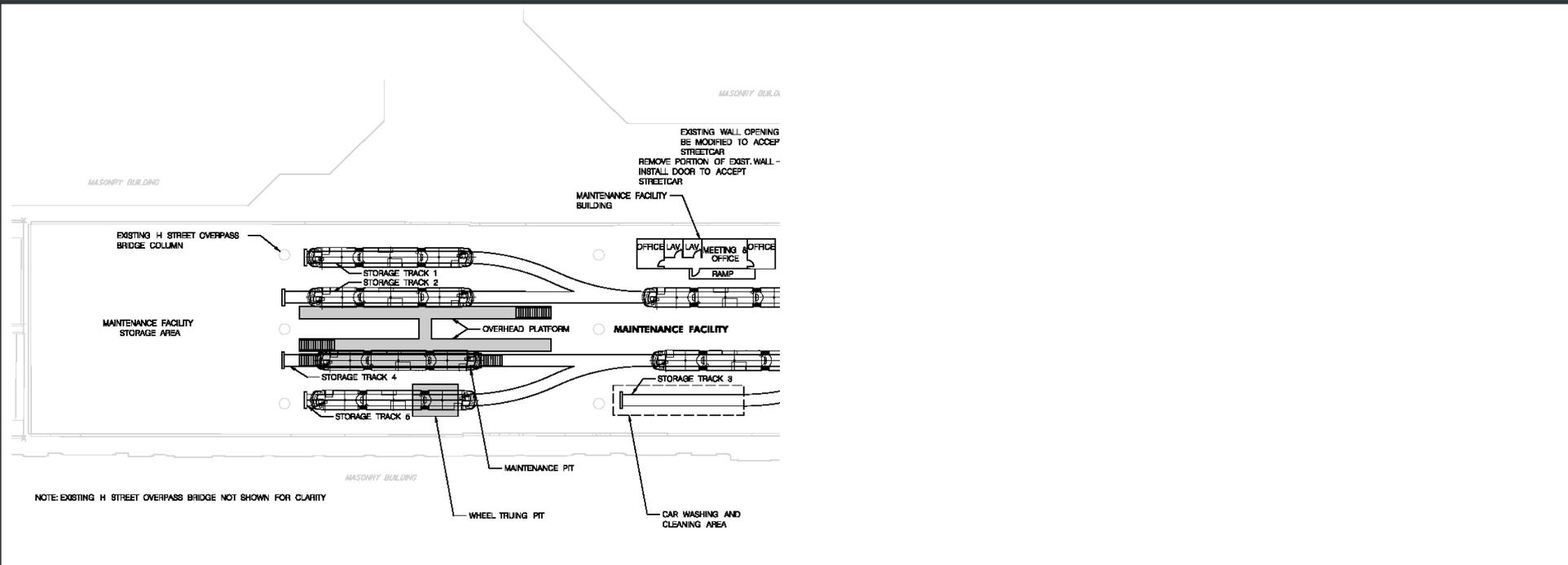
- Minimal material in the air
- Minimal maintenance requirements
- Maximize reliability



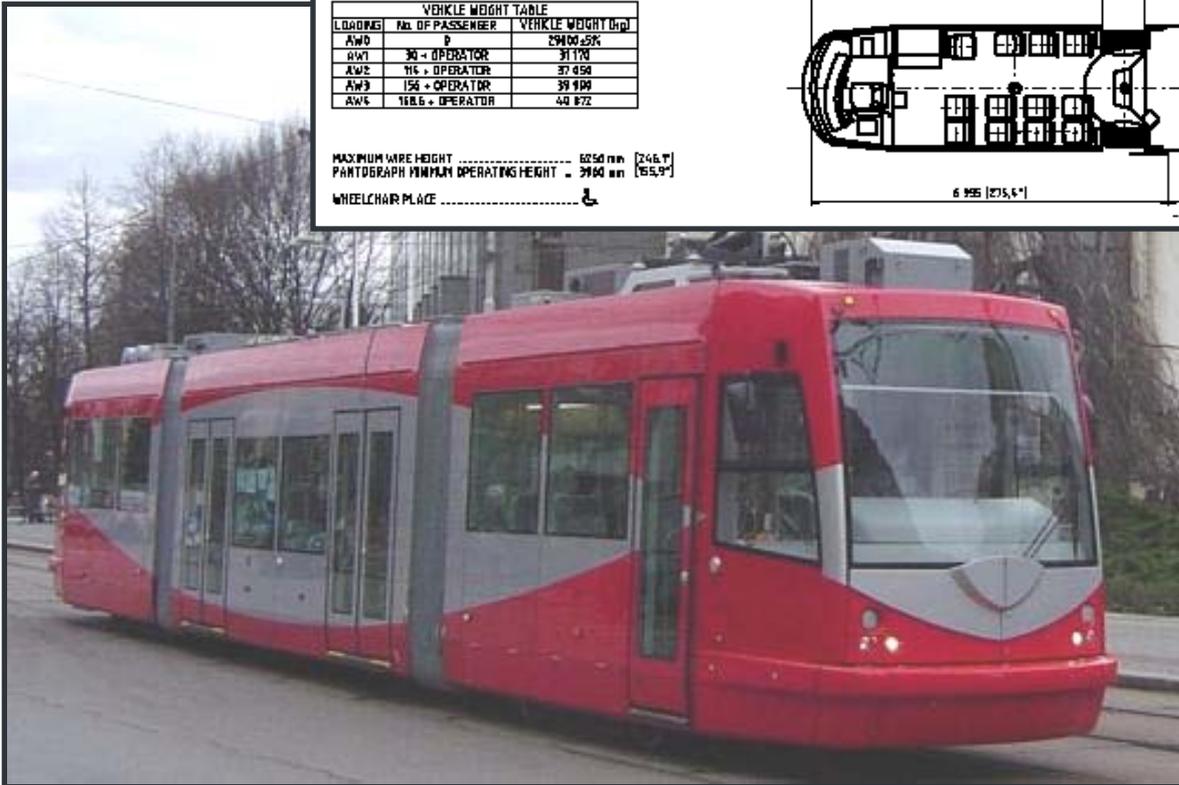
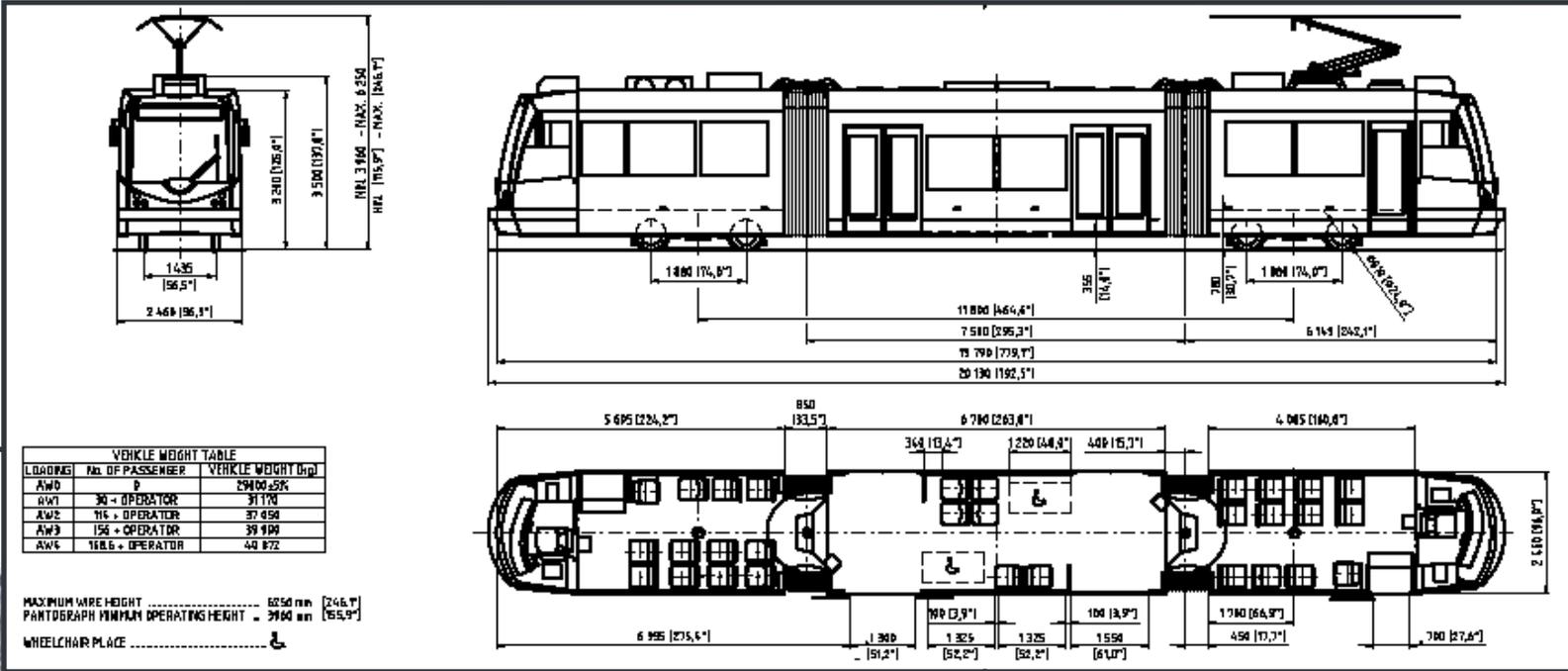
Typical Station Platform



Maintenance and Storage Facility



- *Storage for 9 vehicles*
- *Accommodates Benning Road Extension*
- *Completely enclosed and hidden from public view*



INEKON
 Bi-Directional TRIO 12
 Manufactured in the Czech Republic specifically for Washington, DC
 Total Passengers - 168

Project Schedule

Item	Schedule
Preliminary Plans Due	June 2010
Selection of D-B Contractor	Fall, 2010
Start of Construction	Fall, 2010
Construction Complete	Winter 2012
Begin Streetcar Service	Spring 2012

Questions?