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

[Map showing route overview with labels for Project Area, Union Station, 3rd Street, H Street, Starburst Plaza, Benning Road, and Anacostia Park.]
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 East of Oklahoma Avenue
Turn-back at WMATA Overpass

Limit of Current Streetscape Project

Switch Provided to Reverse Streetcar Vehicle Storage for 2 vehicles provided
H Street – Benning Road Streetcar
Typical Sections – Benning Road

Travel Lane | Travel Lane | Shared Lane | Turn Lane | Median | Shared Lane | Travel Lane | Travel Lane
Power Requirements

Overall Project Length = 2.2 miles
3 Substations with PEPCO feed to supply power to the Streetcar System

Locations:
• East end near 26\textsuperscript{th} Street and Benning Road
• Wylie Street (between 12\textsuperscript{th} & 13\textsuperscript{th})
• H Street, between 2\textsuperscript{nd} and 3\textsuperscript{rd} 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
Vehicles

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

<table>
<thead>
<tr>
<th>Item</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preliminary Plans Due</td>
<td>June 2010</td>
</tr>
<tr>
<td>Selection of D-B Contractor</td>
<td>Fall, 2010</td>
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<tr>
<td>Start of Construction</td>
<td>Fall, 2010</td>
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<tr>
<td>Construction Complete</td>
<td>Winter 2012</td>
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<tr>
<td>Begin Streetcar Service</td>
<td>Spring 2012</td>
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</tbody>
</table>
Questions?