

# DC's Transit Future

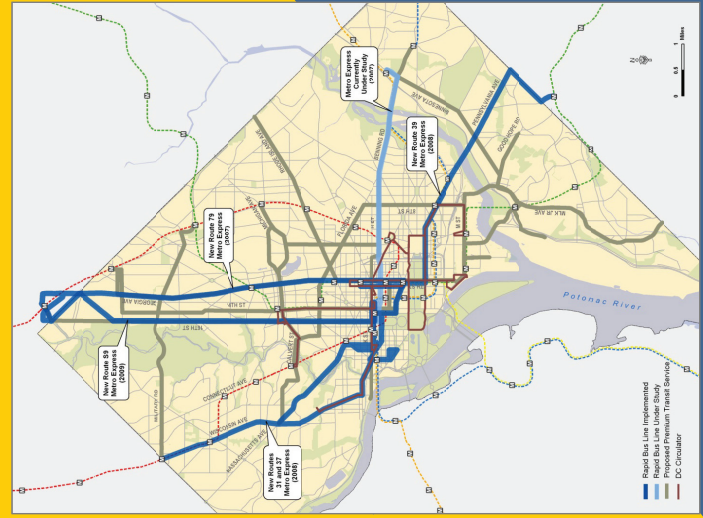
## PROPOSED STREETCAR SYSTEM PLAN

- Public open houses throughout the District
- Finalize proposed system plan
- Conduct environmental study (National Environmental Policy Act)
- Develop design standards

### Welcome to DC's Transit Future!

DC's *Transit Future* is a study of near-term and long-term transit improvements in the District of Columbia. The recommendations of the study include Streetcar, Bus Rapid Transit, and Rapid Bus services. Most of the recommendations will be implemented over the course of time, but some enhanced bus service has already begun, such as:

- Metrobus Express Route 79 – Georgia Avenue
- Metrobus 30s Line – Limited-Stop Routes 37 & 39
- Metrobus Express Route S9 – 16th Street
- DC Circulator – Convention Center to SW Waterfront, National Mall Loop, Union Station to Navy Yard, Georgetown to Union Station, and Woodley Park/Adams Morgan to McPherson Square



### Next Steps



### How to Stay Involved

- Website: <http://ddot.dc.gov/dcstreetcar>
- Email: [dcstreetcar@dc.gov](mailto:dcstreetcar@dc.gov)
- Mailing address:  
DC's *Transit Future*  
District Department of Transportation  
2000 14th Street NW, 5th floor  
Washington, DC 20009
- Project hotline: 703-682-5060

**d.** DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION  
[www.ddot.dc.gov/dcstreetcar](http://www.ddot.dc.gov/dcstreetcar)

in partnership with



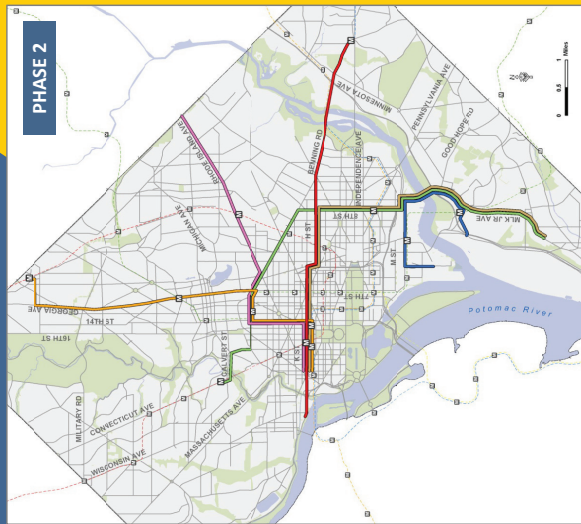
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY  
[www.wmata.com](http://www.wmata.com)

FALL 2009

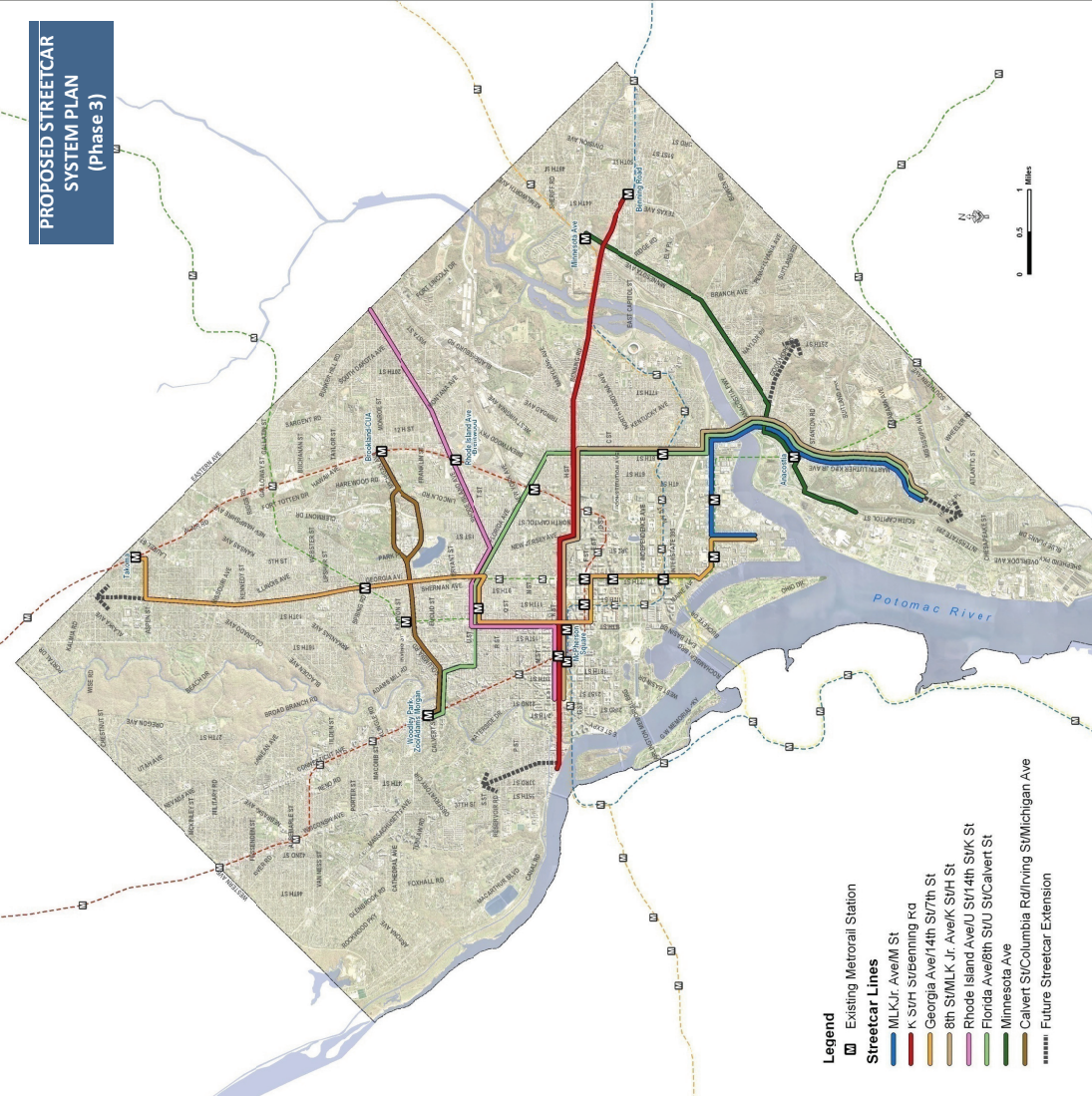
The proposed streetcar system plan would be implemented in three phases as one of the long-term transit improvements recommended in the DC's *Transit Future* study.



**PHASE 1**



**PHASE 2**



**PROPOSED STREETCAR SYSTEM PLAN (Phase 3)**

- Legend**
- Existing Metrorail Station
  - Streetcar Lines**
  - MLK, Jr. Ave/M St
  - K St/1st St/Emmery Rd
  - Georgia Ave/14th St/7th St
  - 8th St/MLK Jr. Ave/K St/7th St
  - Rhode Island Ave/J St/14th St
  - Florida Ave/8th St/U St/Calvert St
  - Minnesota Ave
  - Calvert St/Columbia Rd/Driving St/Michigan Ave
  - Future Streetcar Extension



# DC's Transit Future

## PROPUESTA DE SISTEMA DE TRANVIAS

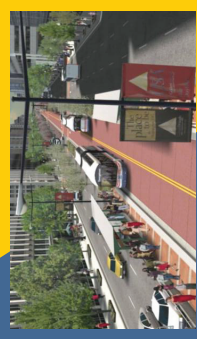
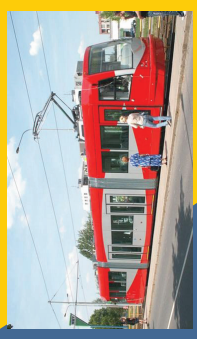
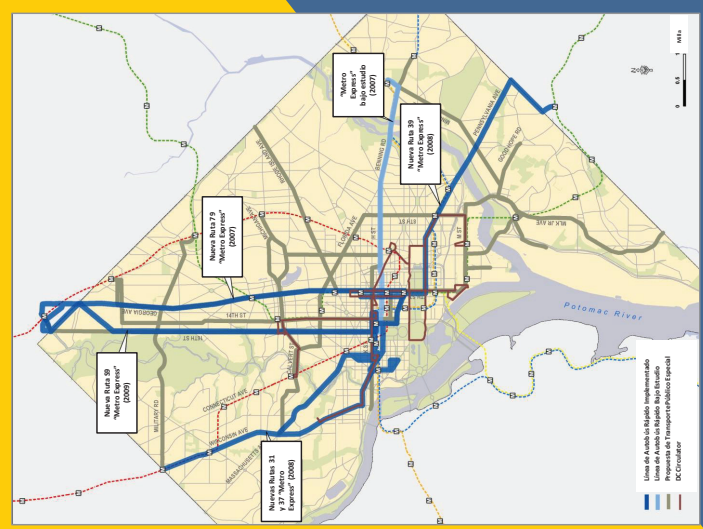
### Pasos Siguietes

- Reuniones públicas en cada área del Distrito
- Finalizar el plan
- Realizar estudios de los impactos posibles al medio ambiente
- Preparar reglas de diseño del sistema

### El Futuro de Transporte Público de DC

DC's *Transit Future* es un estudio de las mejoras de corto y largo plazo para el sistema de transporte público del Distrito de Columbia. Las propuestas incluyen Tranvías y Autobuses Rápidos. Se implementarán algunas de las propuestas en el futuro, pero hay algunas que ya se realizan actualmente – éstas son:

- Metrobus Express Ruta 79 – Georgia Avenue
- Metrobus Línea 30s – Rutas de paradas limitadas 37 & 39
- Metrobus Express Ruta S9 – 16<sup>th</sup> Street
- DC Circulator – Convention Center a SW Waterfront, National Mall, Union Station a Navy Yard, Georgetown a Union Station, y Woodley Park/Adams Morgan a McPherson Square



### Cómo Involucrarse

- Sitio web: <http://ddot.dc.gov/dcstreetcar>
- Correo electrónico: [dcstreetcar@dc.gov](mailto:dcstreetcar@dc.gov)
- Dirección de correo: DC's *Transit Future* District Department of Transportation 2000 14th Street NW, 5th floor Washington, DC 20009
- Línea de teléfono: 703-682-5060

**d.** DEPARTAMENTO DE TRANSPORTE DEL DISTRITO DE COLUMBIA  
[www.ddot.dc.gov/dcstreetcar](http://www.ddot.dc.gov/dcstreetcar)

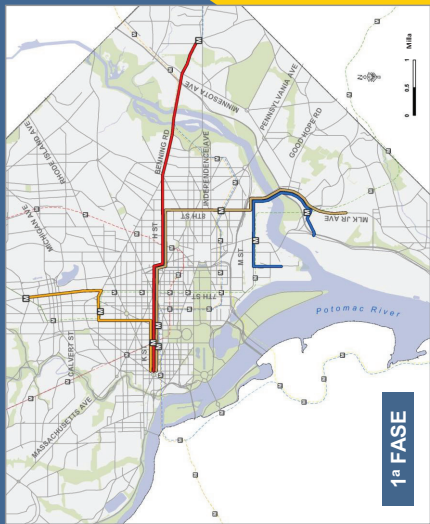
En colaboración con:

LA AUTORIDAD DE TRANSITO DEL AREA METROPOLITANA DE WASHINGTON (WMATA)  
[www.wmata.com](http://www.wmata.com)

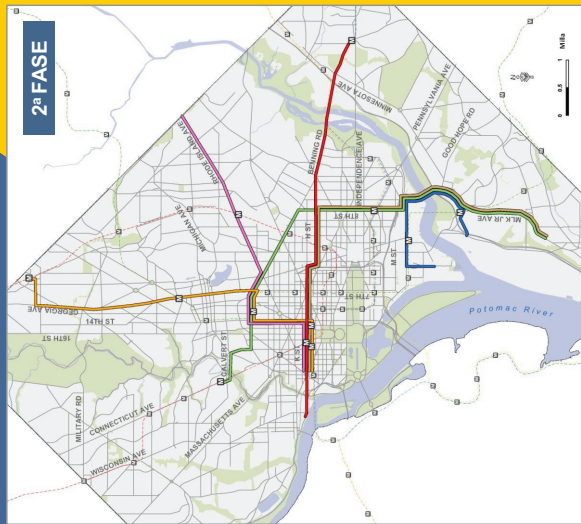


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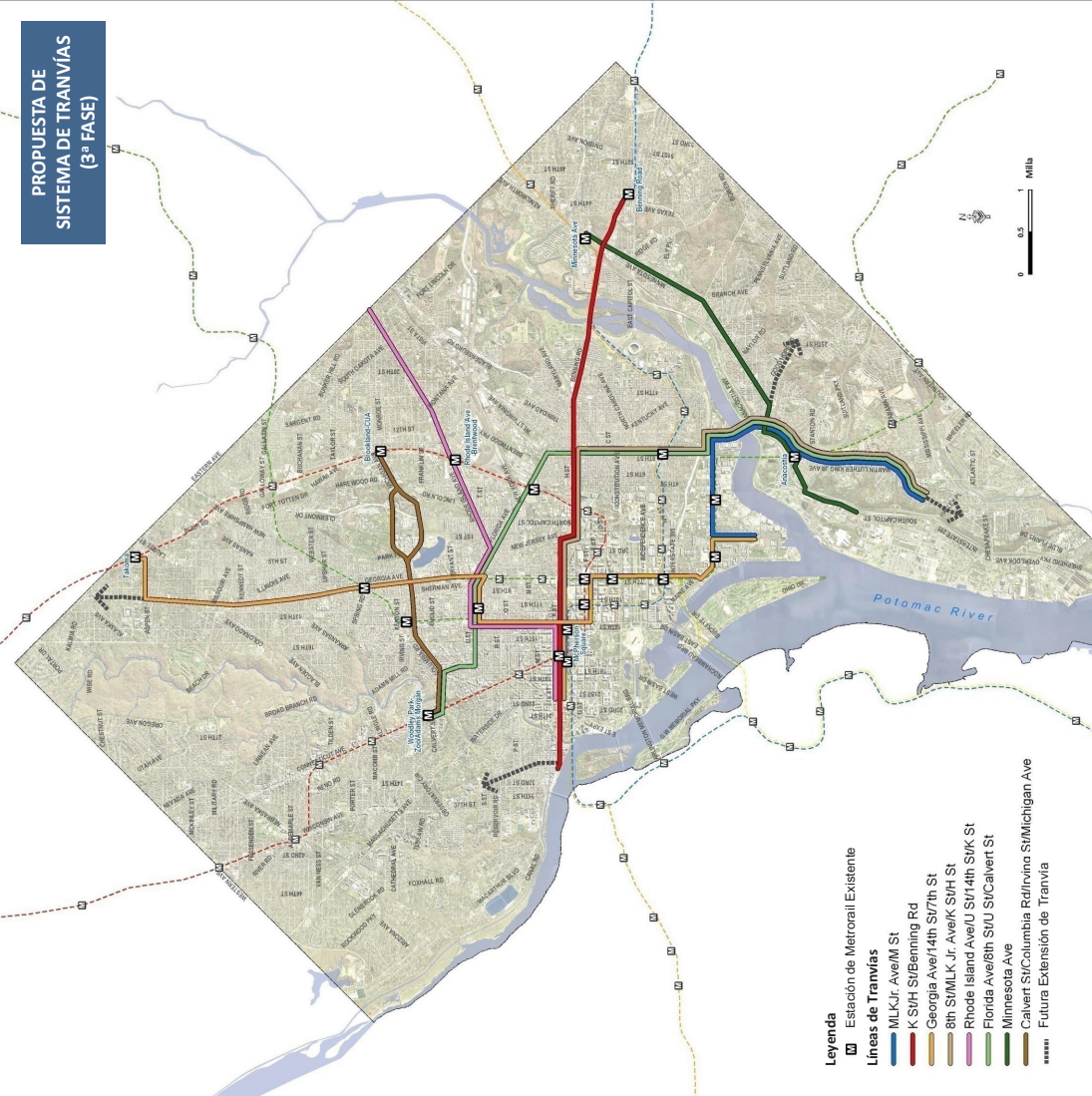
La propuesta de sistema de tranvías es un componente de las mejoras recomendadas por el estudio de *El Futuro de Transporte Público de DC*. Se implementará el plan de tranvías en tres fases.



1ª FASE



2ª FASE



PROPUESTA DE SISTEMA DE TRANVÍAS (3ª FASE)

- Leyenda**
- Estación de Metrorail Existente
  - Lineas de Tranvías**
  - MLK Jr. Ave/M St
  - K St/H S/Benning Rd
  - Georgia Ave/14th St/7th St
  - 8th St/MLK Jr. Ave/K St/H St
  - Rhode Island Ave/J St/14th St/SK St
  - Florida Ave/8th St/U St/Calvert St
  - Minnesota Ave
  - Calvert St/Columbia Rd/Rivino St/Michigan Ave
  - Futura Extensión de Tranvía



# DC Streetcar Vehicle Specifications

## INEKON Bi-Directional TRIO 12



### Vehicle Specifications

Track gauge	5 ft (1,435 mm)
Power system	600 V DC (750 V DC)
Maximum speed	45 mph (70 kph)
Traction motor output	4 by 90 kW
Gradient	Maximum 8%
Car length	66 ft (20,130 mm)
Wheel base	6 ft (1,880 mm)
Bogie distance	39 ft (11,800 mm)
Car width	8 ft (2,460 mm)
Car height with pantograph down	11 ft (3,460 mm)
Pantograph operating range above top of rail	13 ft – 20 ft (3,960 – 6,250 mm)
Car low-floor area	50 %
Floor height above the top of rail	1 ft – 2.5 ft (350-780 mm)
Wheel diameter max./min.	2.0/71.7 ft (610/530 mm)
Truck curve radius (minimum)	
Vertical plane	820 ft (250 m)
Horizontal plane	59 ft (18 m)
Handling curve	52 ft (16 m)
Vehicle dead weight	63,934 lbs (29,000 kg±5%)
Adhesion weight	100%
Occupancy	30 seated passengers and up to 138 additional standing passengers (total 168)

### Vehicle Facts and Features:

- Produced specifically for Washington, D.C.
- Bi-directional service to be operated in both directions
- Fully air-conditioned
- GPS system
- Ticket vending machine and ticket designator
- CCTV system
- Hydro-pneumatic suspension providing constant floor height
- Double doors enabling fast and efficient passenger boarding and alighting
- Equipped with wheelchair ramp for disabled passengers
- Service life of forty years

**DC's Transit Future**

**d.**  
DISTRICT DEPARTMENT OF TRANSPORTATION

## No idea is a crazy idea!

Thank you for participating in our DC Streetcar Open House!

Please take a moment to provide us with any comments or ideas you have on ways to improve transportation service in the District. Whether your ideas are about streetcars, buses, bike lanes, or some other transportation mode, we want to hear what you have to say!

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Please keep me posted on DC's *Transit Future* developments:

Name: \_\_\_\_\_

Email: \_\_\_\_\_

Mailing Address (optional): \_\_\_\_\_



## ¡No hay ideas raras!

¡Gracias por participar en la reunión pública!

Por favor, tenga la bondad de ofrecer sus comentarios o ideas sobre la manera en que podemos mejorar el sistema de transporte del Distrito de Columbia. No importa si sus ideas se tratan de tranvías, autobuses, bicicletas, o cualquier otro modo de transporte – nosotros queremos escucharlas!

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Por favor, infórmeme sobre *El Futuro de Transporte Público de DC*:

Nombre: \_\_\_\_\_

Email: \_\_\_\_\_

Dirección de Correo (opcional): \_\_\_\_\_





## How Was the Meeting?

Thank you for participating in our DC Streetcar Open House!

The District Department of Transportation wants to make sure that your experience at this open house for *DC's Transit Future* was a good one. Was it at a convenient location? Was access easy? Were you able to participate to the extent that you had hoped? Would you encourage friends and members of your community to come to future open houses? Please give us your feedback on DDOT's public outreach!

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Please keep me posted on *DC's Transit Future* developments:

Name: \_\_\_\_\_

Email: \_\_\_\_\_

Mailing Address (optional): \_\_\_\_\_



## ¿Cómo fue la reunión?

¡Gracias por participar en la reunión pública!

El Departamento de Transporte del Distrito de Columbia quiere que esta "casa abierta" sobre *El Futuro de Transporte Público del DC* le sirva bien. ¿Fue conveniente el sitio? ¿Fue fácil el acceso? ¿Pudo participar como quería? ¿Sugeriría usted a sus familiares y otros miembros de su comunidad que asistan reuniones como ésta en el futuro? ¡Por favor, dénos su comentario sobre las iniciativas de relaciones comunitarias del Departamento de Transporte!

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