

de streetcar

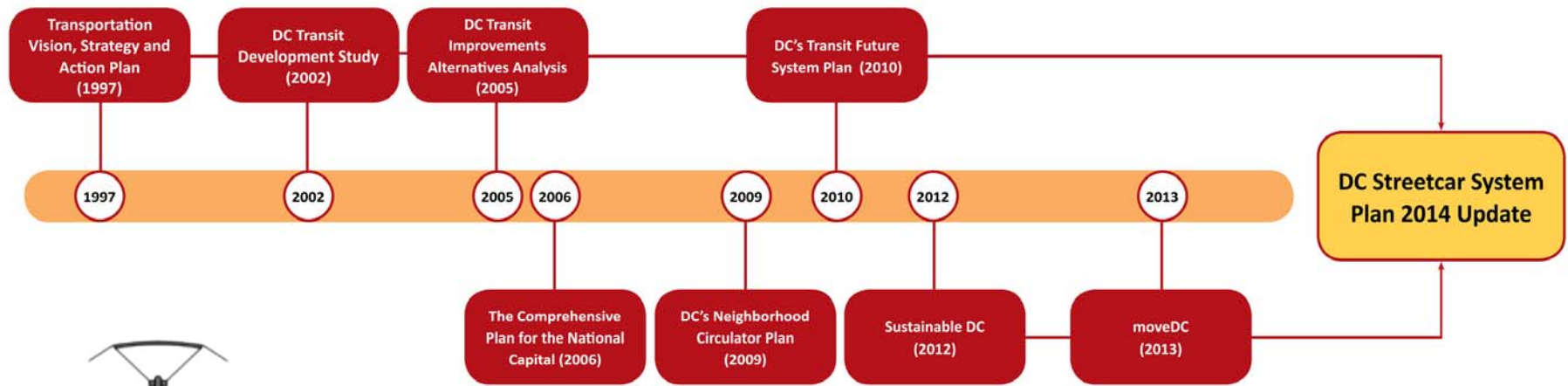
Progress Update



TPB Regional Bus Subcommittee

March 25, 2014

Decade-Long Planning Efforts



DC Streetcar System is developed and supported by numerous transportation planning efforts and initiatives

A Well Planned Streetcar System



2010 DC's Transit Future System Plan

- Provide a broad, 30-year streetcar vision for the District
- Original 37-mile streetcar network serve all 8 Wards, with emphasis on un-served and under-served areas
- Being revised in *moveDC* and *DC Streetcar System Plan Update 2014*



22-mile Priority Streetcar System (PSS)

- Within 37-mile network, top priority for DC, serving 7 Wards
- Re-confirmed by *moveDC* and *Sustainable DC* plans
- Prioritize the long-term streetcar vision
- Maximize linkages and implement quickly to form the back bone/spine of the DC Streetcar system
- Complement to existing transit services (Metrorail, Metrobus, DC Circulator, etc.)



System Plan Update 2014



- Incorporate recent District planning, transportation and development initiatives (*moveDC*, *DC Streetcar Land Use Study*, etc.)
- Conduct system and corridor ridership using FTA STOPS model
- Develop a detailed operating strategy and refine implementation phasing plan to support the 30-year streetcar vision.
- Complete detailed systems planning and operations and maintenance analysis for build out of the 22-mile PSS
- Prepare conceptual service plans for future system expansion



Progress Update



Construction/Operation

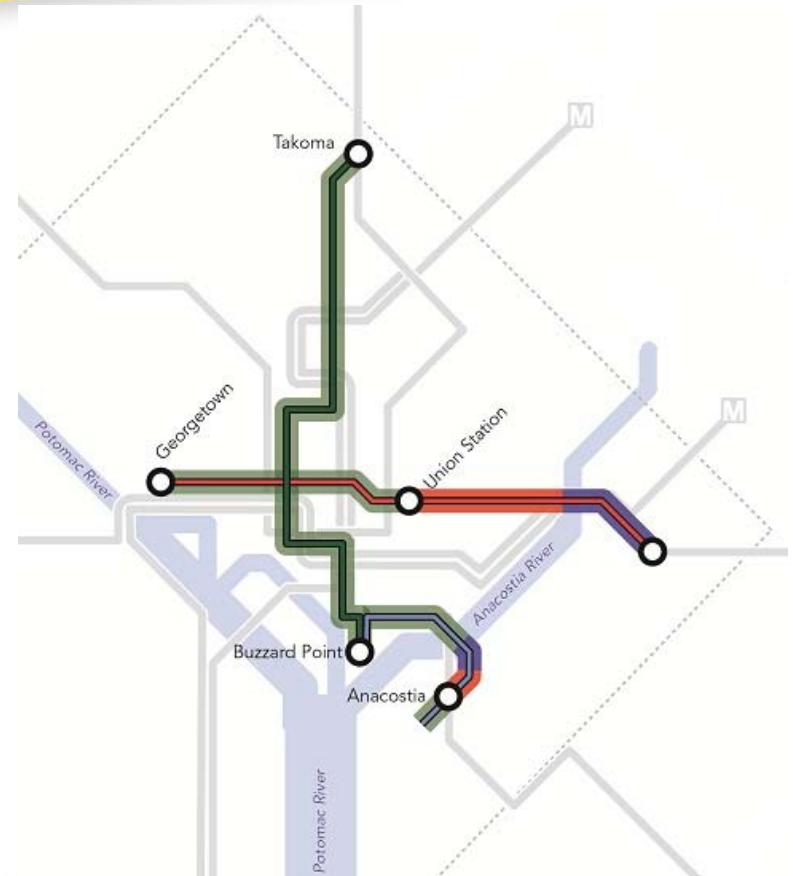
- H St/Benning Rd Line (Testing & System Integration Underway)
- Anacostia Testing & Commissioning Tracks (Operational)
- South Capitol St O&M Facility (Operational)
- Anacostia Initial Line (Construction underway)

Environment

- Anacostia Extension EA (FONSI expected in summer)
- Benning Road Extension EA (Underway)
- Union Station-Georgetown Waterfront (AA 2013, EA to begin)
- M St-Maine Ave (Planning 2012, EA to begin)

Planning

- North-South Corridor (Planning study underway)



Operation Assumptions



- 10 minutes headways
- Operate in mixed-traffic
- Comparable fare to DC Circulator – simple & affordable
- Hours of service comparable to Metro
- Allow for boarding at all doors to speed boarding /alighting
- Contract out streetcar O&M works to RDMT



Construction/Operations: H St/Benning Rd Line



- 8 stops in 2.4 miles
- System integration testing underway
- Turnarounds on both ends
- 3 power substations: east, west, midline
- Car Barn Training Center (Oklahoma Ave)
- 5 + 1 streetcars



O&M: Anacostia Testing & Commissioning Site



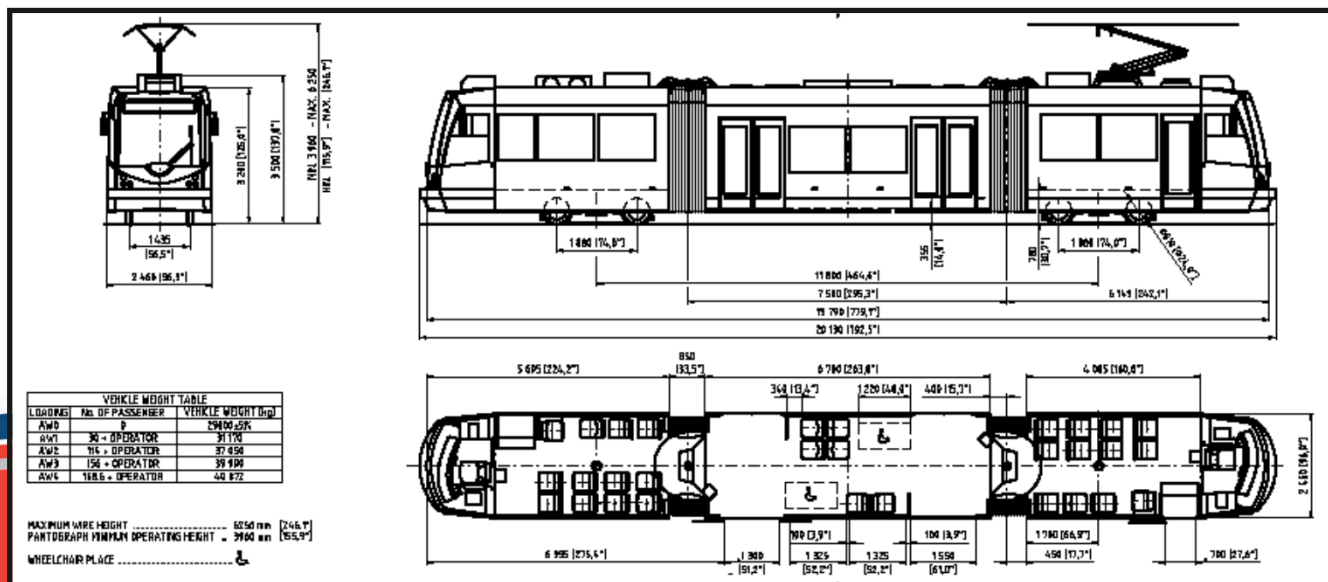
- Train and certify technicians, conductors, mechanics
- Test and certify streetcars
- Conduct streetcar maintenance



DC Streetcar Vehicles

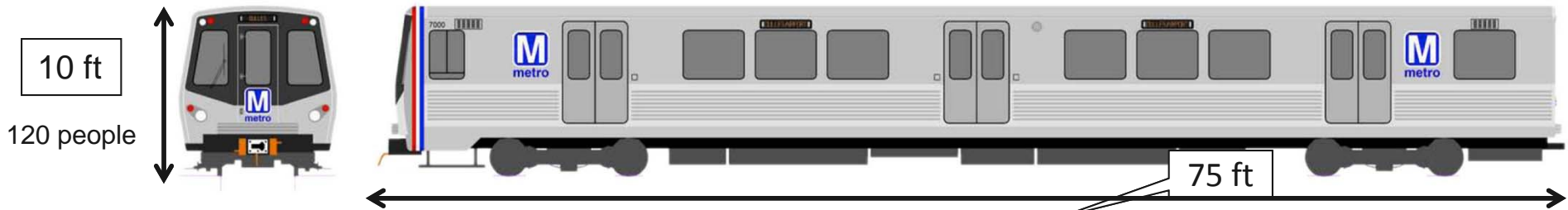
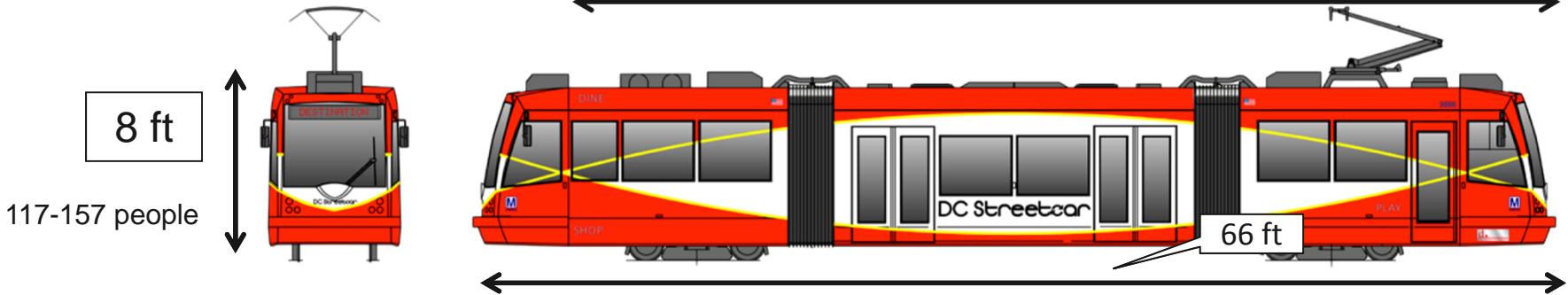
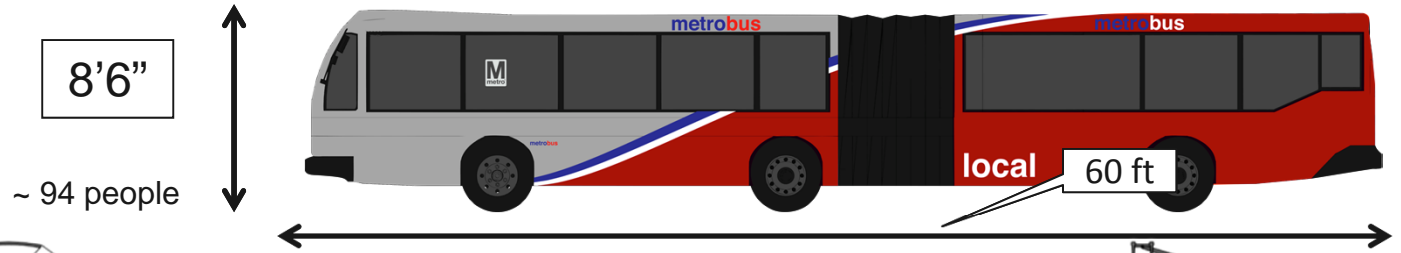
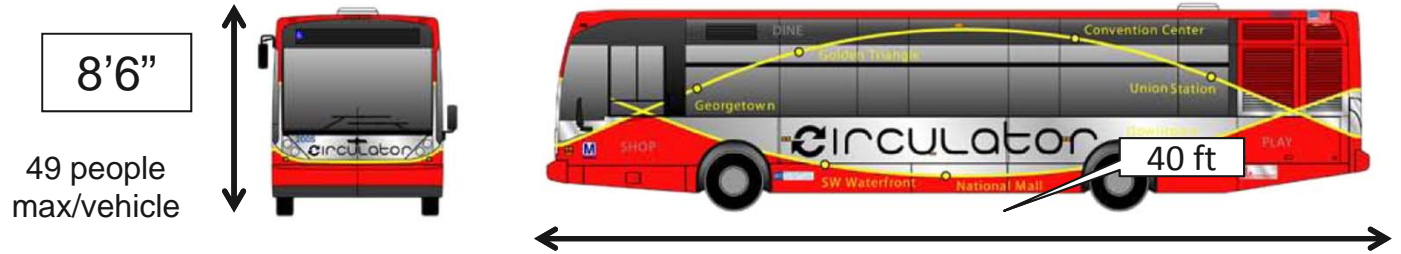


- Dimensions: 66' X 8' X 11'
- Max. Capacity 157 (Total Seating & Standing)
- ADA compliance
- Top speed: 45 mph
- United Streetcar & Inekon “Bidirectional Trio 12”
- Operate on a 750 V DC current
- Bidirectional design
 - Operator cabs at both ends
 - Doors on both sides



Comparisons

- Higher capacity than bus
- Lower cost than heavy rail
- Fixed guideway transit reliability



Safety Oversight & Training



- Certified Testing & Commissioning Tracks, H/B line tracks, South Capitol Street O&M Facility
- Oversee streetcar operators and technicians to receive required safety trainings
- Conduct system integration testing to ensure streetcars being able to safely operate
- Conduct Tabletop Exercises and Live Drill to simulate first-response coordination among various agencies in emergency events
- Work with State Safety Oversight (SSO) and DC-FEMS to ensure safe operation of streetcars in the future



look + listen 
be safe!



Community Outreach



- Extensive public outreach presence in local communities
- Engage and inform the public effectively
- National industry award-winning website (www.dcstreetcar.com)
- Popular social media accounts engage the public interactively through news and photos
- Inform public and educate school kids via multi-media *Safely Ride on DC Streetcar* campaign
- 24/7 Construction Hotline offers H/Benning residents immediate assistance



Stay Connected!

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