



Washington Metropolitan Area Transit Authority

On Street Bus Terminals

TPB Regional Bus Subcommittee

September 24, 2013



Study Purpose

- To improve Metrobus Service
 - Examining the quality of bus stops
 - Studied 11 on-street bus terminals
 - Evaluated existing stop amenities
 - Recommended upgrades to amenities per the *WMATA's Guidelines for the Design and Placement of Transit Stops*





Study Approach

- Inventory of Existing Bus Terminals
 - Existing Bus Stop Amenities
 - Existing Bus Service
 - Existing Bus Ridership
 - Existing Property Lines and Ownership





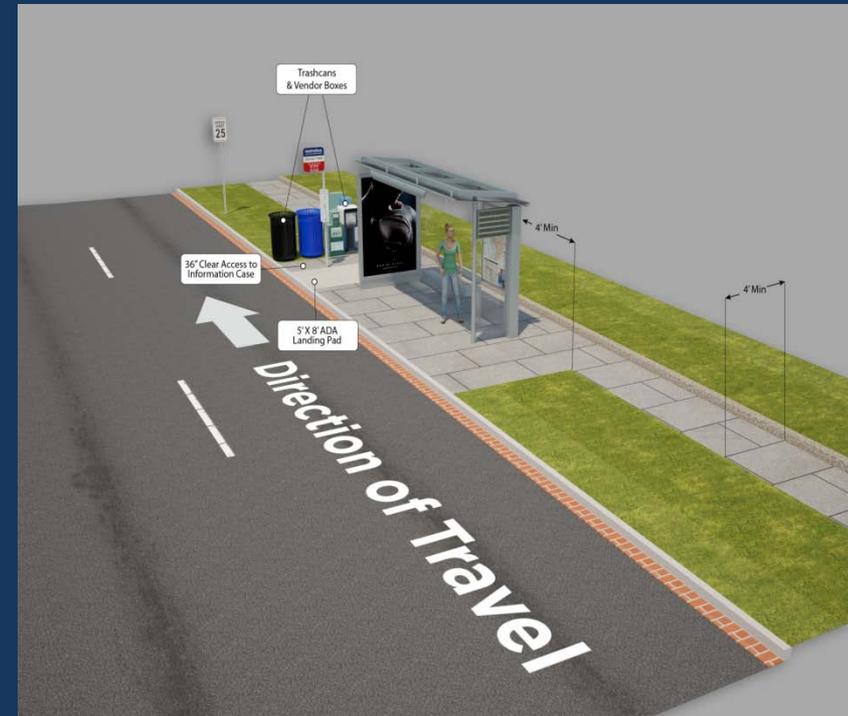
Study Approach (cont'd)

- Evaluation of Existing Facilities
 - Used WMATA's Guidelines to determine if the terminals met the standards
 - Identified ADA compliance
 - Identified safety issues
 - Determined future service for each terminal



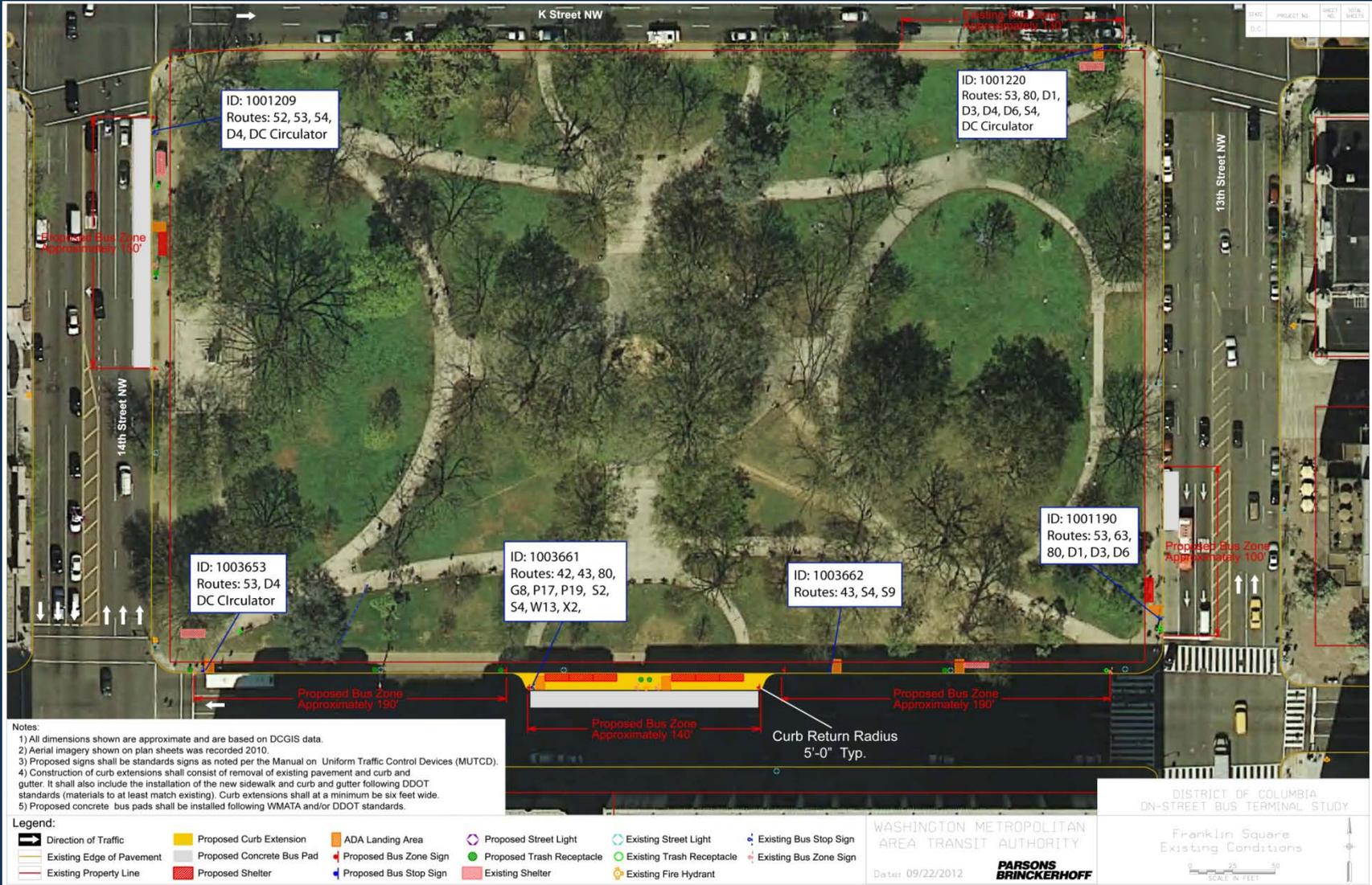
Study Approach (cont'd)

- Recommendations for Bus Stops
 - Determined what amenities are needed at all bus terminals
 - Hosted a design charrette with the project team and stakeholders
 - Developed a site plan and order-of-magnitude cost estimate for each bus terminal





Study Approach (cont'd)



- Notes:
- 1) All dimensions shown are approximate and are based on DCGIS data.
 - 2) Aerial imagery shown on plan sheets was recorded 2010.
 - 3) Proposed signs shall be standards signs as noted per the Manual on Uniform Traffic Control Devices (MUTCD).
 - 4) Construction of curb extensions shall consist of removal of existing pavement and curb and gutter. It shall also include the installation of the new sidewalk and curb and gutter following DDOT standards (materials to at least match existing). Curb extensions shall at a minimum be six feet wide.
 - 5) Proposed concrete bus pads shall be installed following WMATA and/or DDOT standards.

Legend:

Direction of Traffic	Proposed Curb Extension	ADA Landing Area	Proposed Street Light	Existing Street Light	Existing Bus Stop Sign
Existing Edge of Pavement	Proposed Concrete Bus Pad	Proposed Bus Zone Sign	Proposed Trash Receptacle	Existing Trash Receptacle	Existing Bus Zone Sign
Existing Property Line	Proposed Shelter	Proposed Bus Stop Sign	Existing Shelter	Existing Fire Hydrant	

WASHINGTON METROPOLITAN
AREA TRANSIT AUTHORITY
Date: 09/22/2012
**PARSONS
BRINCKERHOFF**

DISTRICT OF COLUMBIA
ON-STREET BUS TERMINAL STUDY
Franklin Square
Existing Conditions
SCALE IN FEET



Lessons Learned

- Quality and Quantity of Data
- Coordination with Agencies and Jurisdictions
- Balance of Uses
- ROW Constraints





Next Steps

- Implementation of this study's recommendations
- Expand study for additional bus terminals





Contacts and References

- Sara Benson – sebenson@wmata.com
- Report Link:
www.wmata.com/pdfs/planning/On_Street_Bus_Terminal_130318.pdf
- WMATA Design Guidelines Link:
[www.wmata.com/pdfs/planning/WMATA Guidelines-Design and Placement of Transit Stops.pdf](http://www.wmata.com/pdfs/planning/WMATA_Guidelines-Design_and_Placement_of_Transit_Stops.pdf)



Bus Terminals

- 10th Street NW
- C Street SW
- Columbus Circle
- Farragut Square
- Federal Center SW
- Franklin Square
- Lafayette Square
- L'Enfant Plaza
- McPherson Square
- Potomac Park
- Washington Street at King Street (Alexandria)