

## **Appendix D: Presentation Materials**

# Southern Avenue Bus Garage Replacement Environmental Assessment

## PUBLIC HEARING July 27, 2011



Washington Metropolitan Area Transit Authority



Federal Transit Administration

### INTRODUCTION

#### The Project / Proposed Action

- The replacement of an 89-year old WMATA bus garage in Prince George's County on its current site or at another identified site. The new facility would fulfill the following program requirements:

Parking and storage facilities to accommodate a fleet of up to 250 Metrobuses	CNG fueling facility
Maintenance and administrative building	Perimeter and other landscaping
Employee parking	Security fencing or other security measures
Service lane facility (fueling, washing, fare box collection)	Storm water management measures

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Comments



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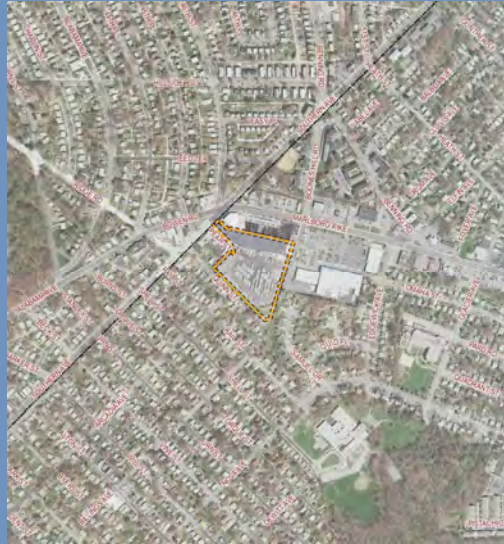
## BACKGROUND

### Existing Southern Avenue Bus Garage

- Nearly 6 acres in size and located at intersection of Southern Avenue and Marlboro Pike
- Usage exceeds capacity by nearly 30%
- Lacks desired storage and maintenance capabilities

#### LEGEND

-  Existing Site
-  District of Columbia Boundary



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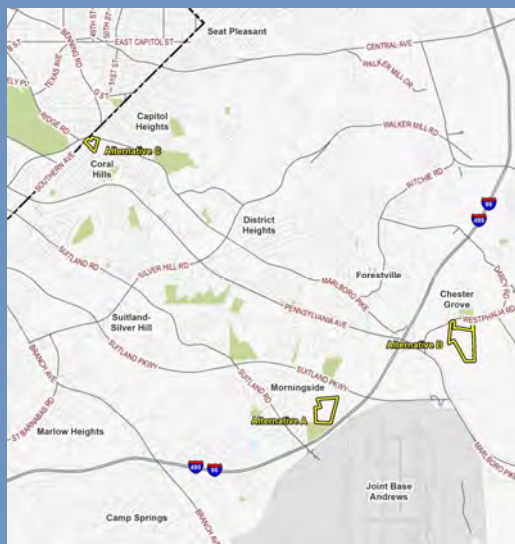
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## BACKGROUND

- **Alternative A:** SW of the intersection of Suitland Parkway and Capital Beltway
- **Alternative B:** East of the intersection of Pennsylvania Ave and Capital Beltway
- **Alternative C (Rebuild in Place):** At the intersection of Southern Ave and Marlboro Pike

#### LEGEND

-  Proposed Alternative
-  District of Columbia Boundary



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**BACKGROUND**

**Purpose of the Environmental Assessment (EA)**

- An EA is being prepared to fulfill the requirements of NEPA. WMATA proposes to undertake the project with the use of Federal funds.
- FTA will use the EA to consider the potential effects of the proposed project on social, economic, and environmental factors and the significance of the impacts on identified resources.
- WMATA will use the EA to help identify a preferred alternative.

**Purpose of the Public Hearing**

To provide citizens and agencies an opportunity to comment on the project and its anticipated impacts.

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**BACKGROUND**

**The Environmental Assessment**

Identifies and documents the existing conditions and environmental consequences of the No Build Alternative and the proposed build alternatives for the listed resources.

- Transportation
- Zoning
- Land Acquisitions and Displacements
- Neighborhoods and Community Resources
- Environmental Justice
- Consistency with Local Plans
- Cultural Resources
- Parklands
- Air Quality
- Noise and Vibration
- Water Quality
- Coastal Zones
- Water Resources
- Floodplains
- Ecosystems and Endangered Species
- Soil and Geologic Resources
- Contaminated Materials
- Secondary and Cumulative Impacts
- Construction Impacts

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## ALTERNATIVE A: POTENTIAL ENVIRONMENTAL EFFECTS

### Potential effects:

- Traffic delays resulting from an increase in vehicular traffic (buses & employees)
- Water quality resulting from an increase in impervious surface
- Forest and habitat resulting from forest clearing
- Temporary construction related effects
- Cumulative effects from larger industrial park development

### LEGEND

-  Proposed Alternative
-  Approved Roadway for Larger Industrial Park
-  Planned Emergency Access Roadway
-  Public Parklands



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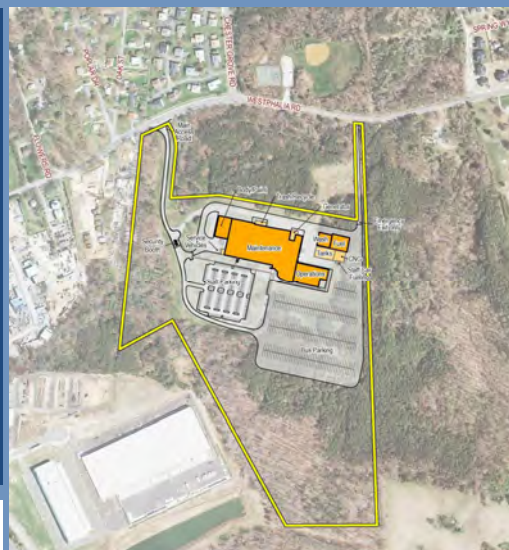
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## ALTERNATIVE B: PROPOSED CONCEPT PLAN

- Rehabilitation of and additions to existing facilities
- Combined administration, training, operations, bus maintenance building
- New building for Body Repair and Paint Shop
- Addition made for Metrobus fueling, washing, and servicing
- 250 bus parking spaces, 275 employee parking spaces
- Existing main access via Westphalia Road

### LEGEND

-  Proposed Alternative



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## ALTERNATIVE B: PLAN RENDERINGS



Alternative B plan rendering, from the northeast corner of the facility



Alternative B plan rendering, from the southwest corner of the facility

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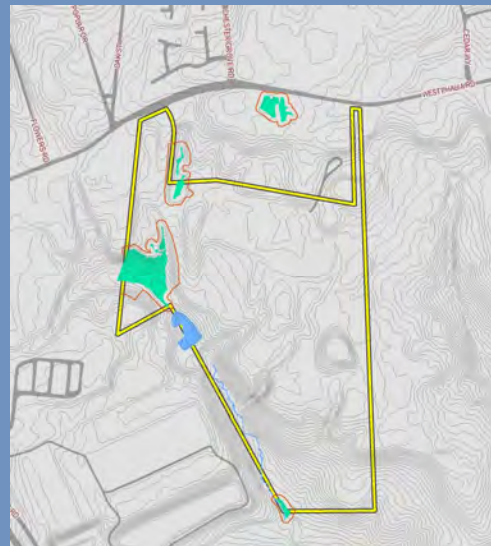
## ALTERNATIVE B: POTENTIAL ENVIRONMENTAL EFFECTS

### Potential effects:

- Traffic delays resulting from an increase in vehicular traffic (buses & employees)
- Water resources resulting from proximity to Waters of the U.S. and their buffers
- Water quality resulting from an increase in impervious surface
- Forest and habitat resulting from forest clearing
- Identified recognized environmental conditions on site
- Temporary construction-related effects

#### LEGEND

- Wetland Buffer
- 2ft Contour Line
- Wetland
- Waters of the US
- Proposed Alternative



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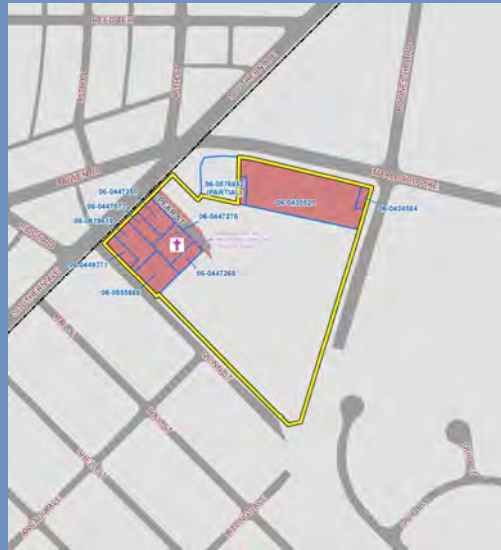
## ALTERNATIVE C (REBUILD IN PLACE): POTENTIAL ENVIRONMENTAL EFFECTS

### Potential effects:

- Traffic delays resulting from an increase in vehicular traffic (buses & employees)
- Requires Special Exception
- Acquisition of 11 parcels abutting existing facility's parcel owned by WMATA
- Displacement of 6 businesses, 1 church, and the occupants of 1 residence
- Potential for noise impacts
- Mitigation of recognized environmental conditions
- Temporary construction-related effects

#### LEGEND

-  Places of Worship
-  Proposed Alternative Acquisitions
-  County Parcel with Tax Id #
-  District of Columbia Boundary



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## COMMENTS

Written statements & exhibits must be received by 5:00pm on **August 8, 2011**. Reference the Southern Avenue Bus Garage Replacement Hearing and/or Docket Number R11-02 in your submission.

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## Southern Avenue Bus Garage Environmental Assessment Identified Potential Effects Summary<sup>1</sup>

RESOURCE	POTENTIAL EFFECTS			
	No Build	Build Alternative A	Build Alternative B	Build Alternative C
<b>Transportation</b>	Increase in traffic due to regional growth	Increase in traffic due to bus garage	Increase in traffic due to bus garage	Increase in traffic due to bus garage
<b>Zoning</b>	No special exception required	No special exception required	No special exception required	Requires special exception
<b>Land Acquisitions and Displacements</b>	None	WMATA would purchase 36 acres; no displacements	WMATA would purchase 52.5 acres; no displacements	WMATA would purchase 2.5 acres from adjacent land owners; displacements would occur
<b>Neighborhoods and Community Resources</b>	Current conditions continue	Does not create barriers that would divide or isolate neighborhoods	Does not create barriers that would divide or isolate neighborhoods	Does not create barriers that would divide or isolate neighborhoods
<b>Environmental Justice</b>	No disproportionate adverse effects identified	No disproportionate adverse effects identified	No disproportionate adverse effects identified	No disproportionate adverse effects identified
<b>Consistency with Local Plans</b>	Not consistent with local plans reviewed	Would not require amendments to any adopted local applicable plan	Would not require amendments to any adopted local applicable plan	Would not require amendments to any adopted local applicable plan
<b>Cultural Resources</b>	None	None	None	None
<b>Parklands</b>	None	None	None	None
<b>Air Quality</b>	None	None	None	None
<b>Noise and Vibration</b>	Current conditions continue	No exceedances of FTA noise or vibration impact criteria	No exceedances of FTA noise or vibration impact criteria	Exceeds FTA moderate impact criteria; no vibration impact
<b>Water Quality</b>	Current conditions continue	Increase in stormwater runoff due to increase impervious surface	Increase in stormwater runoff due to increase impervious surface	Increase in stormwater runoff due to increase impervious surface
<b>Coastal Zones</b>	No	No	No	No
<b>Water Resources</b>	No	No	127 linear feet of Waters of the U.S. impacted	No
<b>Floodplains</b>	No	No	No	No
<b>Ecosystems and Endangered Species</b>	No	Direct impacts on forest cover (24 acres) and forest habitat	Direct impact on forest cover (6.5 acres) and forest habitat	No
<b>Soil and Geologic Resources</b>	Current conditions continue	No	No	No
<b>Contaminated Materials</b>	Current conditions continue	No	Requires remediation of identified contaminated materials on-site	Requires remediation of identified contaminated materials on-site
<b>Secondary and Cumulative Impacts</b>	Current conditions continue	Potential to contribute to cumulative effects	Potential to contribute to cumulative effects	Potential to contribute to cumulative effects
<b>Temporary Construction Impacts</b>	Not applicable	Yes	Yes	Yes

<sup>1</sup> This table summarizes identified potential impacts of construction of a Southern Avenue Bus Garage replacement. This table is a reference; refer to the Environmental Assessment for detailed description of alternatives and impacts.