

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

Maintenance and administrative building

Employee parking

Service lane facility (fueling, washing, fare box collection)

CNG fueling facility

Perimeter and other landscaping

Security fencing or other security measures

Storm water management measures

Introduction & Background

Alternatives & Findings of the EA

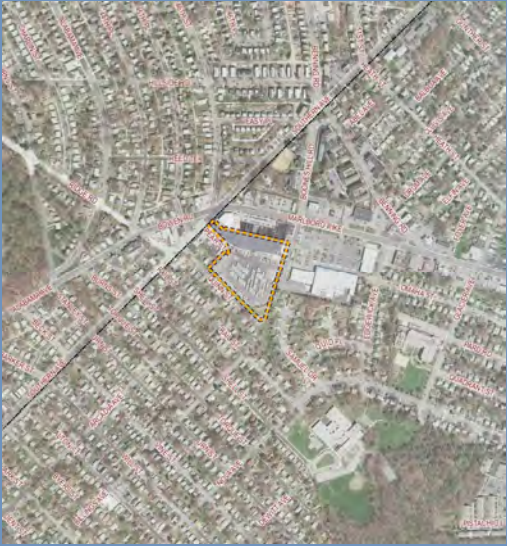
Comments

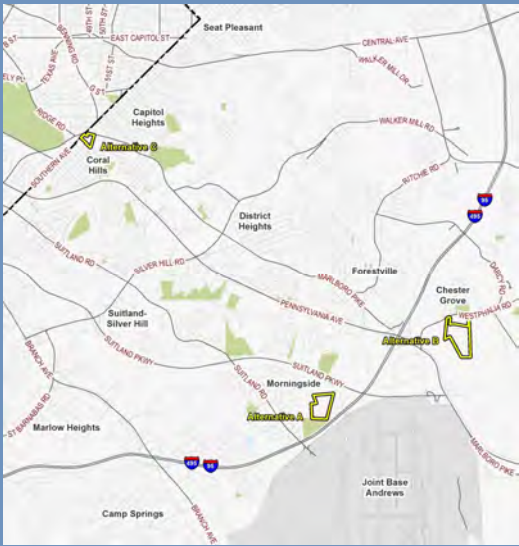


Washington Metropolitan
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BACKGROUND		
Existing Southern Avenue Bus Garage - Nearly 6 acres in size and located at intersection of Southern Avenue and Marlboro Pike - Usage exceeds capacity by nearly 30% - Lacks desired storage and maintenance capabilities LEGEND Existing Site District of Columbia Boundary		
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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: PROPOSED CONCEPT PLAN

- Combined maintenance and administration building
- Fare collection, fueling (standard and CNG), wash facilities, maintenance bays, parts storage
- 276 bus parking spaces, 320 employee parking spaces
- Main access provided by development of larger industrial park (via Forestville Rd. and an extension of Rena Rd.)

LEGEND

- Proposed Alternative
- Approved Roadway for Larger Industrial Park
- Planned Emergency Access Roadway
- Andrews Federal Campus



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ALTERNATIVE A: PLAN RENDERINGS



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

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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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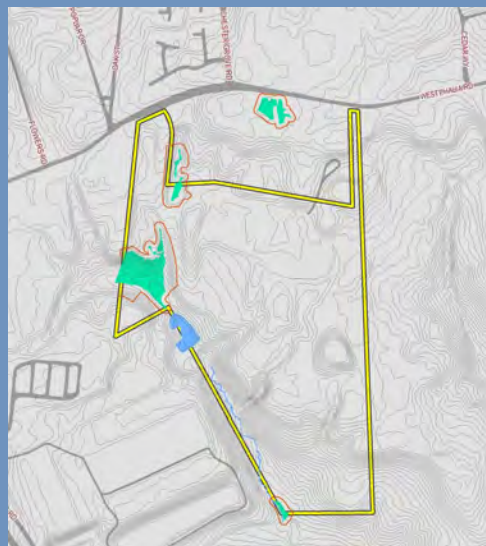
ALTERNATIVE B: POTENTIAL ENVIRONMENTAL EFFECTS

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): PROPOSED CONCEPT PLAN

- Three-story structure for a combined operations, maintenance, administration bus /employee parking, and commercial space
- Separate building for fueling, washing
- 250 bus parking spaces, 376 employee parking spaces, 27 commercial parking spaces
- Bus access via Boones Hill Road; employee access via Southern Avenue



LEGEND

- Proposed Alternative
 District of Columbia Boundary

Comments



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ALTERNATIVE C (REBUILD IN PLACE): PLAN RENDERINGS



Alternative C plan rendering, from the southeast corner of the facility



Alternative C plan rendering of retail on Marlboro Pike

Comments



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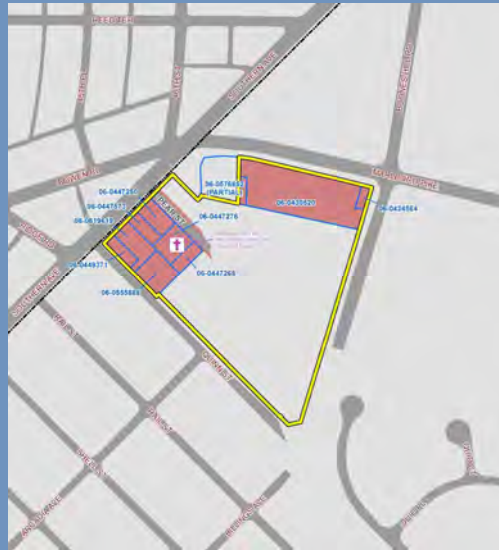
ALTERNATIVE C (REBUILD IN PLACE): POTENTIAL ENVIRONMENTAL EFFECTS

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.

Via mail

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Southern Avenue Bus Garage Environmental Assessment Identified Potential Effects Summary¹

RESOURCE	POTENTIAL EFFECTS			
	No Build	Build Alternative A	Build Alternative B	Build Alternative C
Transportation	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
Zoning	No special exception required	No special exception required	No special exception required	Requires special exception
Land Acquisitions and Displacements	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
Neighborhoods and Community Resources	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
Environmental Justice	No disproportionate adverse effects identified	No disproportionate adverse effects identified	No disproportionate adverse effects identified	No disproportionate adverse effects identified
Consistency with Local Plans	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
Cultural Resources	None	None	None	None
Parklands	None	None	None	None
Air Quality	None	None	None	None
Noise and Vibration	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
Water Quality	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
Coastal Zones	No	No	No	No
Water Resources	No	No	127 linear feet of Waters of the U.S. impacted	No
Floodplains	No	No	No	No
Ecosystems and Endangered Species	No	Direct impacts on forest cover (24 acres) and forest habitat	Direct impact on forest cover (6.5 acres) and forest habitat	No
Soil and Geologic Resources	Current conditions continue	No	No	No
Contaminated Materials	Current conditions continue	No	Requires remediation of identified contaminated materials on-site	Requires remediation of identified contaminated materials on-site
Secondary and Cumulative Impacts	Current conditions continue	Potential to contribute to cumulative effects	Potential to contribute to cumulative effects	Potential to contribute to cumulative effects
Temporary Construction Impacts	Not applicable	Yes	Yes	Yes

¹ 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.