

## **TIER I. Scope of Work for the NMAAHC Project**

The Scope of Work that needs further consideration is in *Italics* for Tier II. A Summary and Comparison of Impacts is found in section 8.0 in the tables found in the DEIS, pp.288-307

**Groundwater:** Construction and Operation of the Museum  
Distribution and Movement of Groundwater, No significant impact;  
Site Specific controls will meet DC requirements  
*Hydrology study for any dewatering effects in Tier II*

**Surface Water and Floodplain Resources:** Construction and Operation of the Museum  
No significant impact for effluent/site drainage discharge  
All dewatering practices would be in compliance with all local and federal permits  
All 6 build alternatives can support technology to reduce effects of flooding on the site.  
*New reviews/criteria by FEMA and Corps of Engineers flooding will move to Tier II*

**Air Quality:** Construction and Operation of the Museum  
No significant effects to air quality will occur  
Construction controls will be in place to minimize dust, exhaust, and emissions

**Noise:** Construction and Operation of the Museum  
No significant effects on noise levels in the area  
Best practices would be undertaken during construction to conform to DC and EPA standards and to monitor arrival of heavy equipment and use of air compressors.

**Transportation:** Construction and Operation of the Museum  
All 6 build alternatives have the same construction issues which must be controlled during off peak hours for delivery of materials and vehicular access. All alternatives have the same restrictive issues for service and delivery after construction; 15<sup>th</sup> Street is restricted access.  
No significant impact to increasing parking, public transportation or tour buses  
*Egress in and out of the site/building will be studied during Tier 2 including options for service access from 14<sup>th</sup> street.*  
*Additional Pedestrian and bicycle access will be studied in Tier 2 in conjunction with the National Mall Plan.*

**Land Use Planning and Policies:**

All 6 build alternatives have a similar effect on the current land use by substituting programmed public space for a percentage of the current 5 acres of open space.

The 5 acres of land recently transferred to the administrative control of the Smithsonian institution and designated for the NMAAHC takes up less than 7% of the 72.7 acres of the current monument grounds and will remain as a Federal tract and for public use.

Current activities for First Amendment activities and recreational activities can be accommodated on the larger Washington Monument site.

*Specific proposals of how public access will be maintained and how open space around the facility will be used will be determined in Tier II.*

*Specifics on integrating landscape features and vegetation appropriate to the site will be part of the Tier 2 analysis and concept development as well..*

**Visitor Use and Experience:**

No significant effect on overall visitation to Washington

Some increased visitation to this particular museum in conjunction with visitation to the National Mall and other Smithsonian museums

**Communities and business:**

No significant effect on local economic development, demographics, housing or additional impacts on schools, police, fire or rescue services.

There would be an incremental, but not significant, increase in tourism that would benefit the economy of the city.

**Utilities and Infrastructure:**

No significant issues. There is some concern with avoiding existing gas transmission lines, but this would be taken into consideration in basement and foundation levels.

**Public Health and Security:**

No significant issues. The requirement for perimeter security is the same for all alternatives and the 50 foot setback and “hardening” design elements will be included for any preferred alternative.

**Draft tier I and II scope 03 12 08.doc continued**

**TIER II. Scope of Work:** Tier II will assess the impacts of approximately three design concepts derived from the 6 Tier 1 diagrammatic alternatives informed by the design principles developed in Tier I. Following is an illustrative list of impacted resources to be assessed in Tier II.

***Cultural Resources:***

- ***Views and Viewsheds: From all identified historic resources including the White House and the Ellipse***
- ***Buildings and Structures: Washington Monument and views to and from the monument and the Old Post Office tower.***
- ***Spatial Organization including: Urban Design and Morphological elements such as Micro-Climate (sun and wind), Land Use, Circulation, Vegetation and Topography***

***Visual Resources:***

- ***Landscape features***
- ***Symbolic Values; Public gathering and programmed spaces, Washington Monument Grounds, visual presence on the Mall***
- ***Viewsheds; top of the Old Post Office tower, Constitution Avenue (particularly looking west), views from the Monument grounds***