

# **CONTRACT FQ19144N - BLADENSBURG BUS DIVISION REPLACEMENT**

## **VOLUME 5.1.4**

### **ARCHAEOLOGICAL SCOPE OF WORK**

The pages that follow describe the scope of work and requirements for the Design-Builder (referred to as 'XXX Inc.') with respect to the archaeological site survey within the Bladensburg Bus Division.

**Access and Schedule Restrictions. Design-Builder will not be allowed access in the Area of Interest (AOI) for site investigations or any other work that involves site disturbance until Phase I archaeological site survey has been completed, which in turn cannot commence until the new bus garage is built and commissioned so that WMATA bus fueling operations are not impacted by this work.**

**Scope of Work:**  
**Bladensburg Bus Division Area of Interest**  
**Phase I Archaeological Site Survey**

Submitted to:  
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By:  
XXX Inc. (TBD)

XXX, Inc. (TBD) proposes to conduct Phase I archaeological site survey within the Bladensburg Bus Division located at 2250-2251 26<sup>th</sup> Street NE in Washington, D.C. The proposed archaeological site survey will be conducted in close coordination with the DC Archaeologist and in accordance with the Secretary of the Interior's *Standards and Guidelines for Archeology and Historic Preservation*, and the DC Preservation League's online *Guidelines for Archaeological Investigations in the District of Columbia*. All proposed investigations are based on plans for the Area of Interest (AOI) as determined by the D.C. State Historic Preservation Office (DC SHPO).

The archaeological site survey potentially includes six (6) tasks: review of background research and work plan preparation; Phase I-III archaeological survey; artifact processing, analysis and curation preparation; reporting including preparation of management summaries for the FastTrack process, site forms, and draft and final versions of a technical report for submittal to WMATA, FTA, and DC SHPO for review and comment. Additional investigation may be required and artifact/documentation curation.

Background research completed by WMATA and DC SHPO indicates the probable location of the 1862 Clark Mills Foundry, which likely had a deep masonry foundation and was used to cast the large bronze statue *Freedom* that sits atop the United States Capitol Building dome. The octagonal foundry building was later demolished and any remains would be below the current ground surface, currently a paved lot.

**Proposed Undertaking**

WMATA will construct a replacement Bladensburg Bus Division, located at 2250-2251 26<sup>th</sup> Street NE in northeast Washington, D.C. As part of the XXX Inc. design-build team, XXX Inc. and XXX Inc., are providing historic preservation and archaeological services for this effort. The project centers on the demolition of the existing facilities at the Bladensburg Bus Division and the construction a new bus maintenance and repair facility and bus and employee parking at the site (Figure 1).

## **Task 1: Background Research and Work Plan**

Before conducting subsurface excavations, **XXX Inc.** archaeologists will review pertinent soil surveys, historic maps, aerial photographs, and reports on previous archaeological investigations conducted in the vicinity of the Bladensburg Bus Division. Reports on previously conducted archaeological investigations in the vicinity of the Bladensburg Bus Division parcels will be obtained from DC SHPO as part of the archaeological site file search (aka Project Data Review). **XXX Inc.** will augment these data if needed with additional research to provide the historical background on the project area which, along with maps, photos, and primary and secondary archival sources to prepare a historical context for inclusion in the technical report of the investigations. Communication with the DC SHPO/ District Archaeologist will be necessary throughout the project.

## **Task 2: Field Investigations**

**XXX Inc.** proposes to investigate the AOI identified by the DC SHPO in Figure 3, currently, mostly covered by paved surfaces making manual excavations impractical. Mechanical excavating equipment such as a backhoe, gradall, or similar machine equipped with a flat-lipped (smooth) bucket, will be used to remove sufficient paving and subsurface fill to excavate a series of linear trenches across the AOI with the intent of intersecting the foundation of the foundry building. Trenches measuring approximately four (4) feet wide, up to 300 feet in total, and stepped if necessary, to comply with OSHA should the depth exceed four (4) feet. Once the foundation is located the excavation will focus on exposing the remains so that they may be recorded via drawing, photography, and/or other methods. Soil profiles will be drawn and recorded for every trench if warranted. Trenches will be back filled after recordation of the soil profiles if features/buried surfaces are not located. Artifacts may be sampled from potential fill contexts if appropriate for dating or to document specific behaviors.

If features or buried ground surfaces are encountered they will be also be exposed and recorded, and depending on the type manually via shovel test pits (STPs), test units or trenching, or mechanically as appropriate. The location of all trenches, features, excavation units, and STPs will be mapped.

Soils from STPs and test units will be screened through ¼-inch mesh hardware cloth screens. Soil profiles will be made of representative units, with soil descriptions noted in standard soil terminology (A, AP, B, C, etc.). Soil color will be described using the Munsell Soil Color Chart designations. Artifacts will be bagged and labeled by unit number and by soil horizon.

Phase II evaluation and/or Phase III data recovery may be required. This work may proceed with minimal interruption (the Fast Track process) however, a separate archaeology Work Plan for each phase shall be prepared and submitted to the DC SHPO for review and approval. The DC SHPO will accept one combined Phase I/II/III report at the conclusion of all fieldwork for this project.

**Task 3: Laboratory Work** All artifacts will be cleaned and inventoried in accordance with the *D.C. Guidelines*. The artifact collections, electronic artifact database, artifact and field photos,

field notes, GIS data, and related records, will be prepared for permanent curation following the *D.C. Guidelines* and transmitted to the DC SHPO.

**Task 4: Reporting Requirements:** A management summary, draft technical report, and revised final report will be prepared in accordance with the *D.C. Guidelines* and will include management and eligibility recommendations. State site form(s) and Determination of Eligibility form(s) will be prepared if resources are identified, and/or as specified by the DC SHPO. Electronic copies of draft submission shall be provided to the DC SHPO for review. Two hard copies and a PDF of the revised final technical report will be placed on file with the DC SHPO and additional hard copies will be sent to the repositories specified in the *DC Guidelines*. Reports will be well written and illustrated with maps, drawings, photos as appropriate. Drafts shall be proofread and be in near-final condition and as free of errors as practical. The artifact catalog, NADB form, and site forms will be included in appendices. A public summary and technical abstract will be part of the front matter.

**Task 5: Submission of deliverables:** Reports, The artifact collections, electronic artifact database, artifact and field photos, field notes, GIS data, and related records will be transferred to the DC SHPO for permanent curation following DC SHPO submission guidelines.

**Task 6. Public Interpretation:** This is a mitigation item if an eligible site is identified and cannot be avoided, as an alternative or in addition to data recovery. It could comprise a brochure, web site, poster, GIS story map, etc. prepared for the public, and a presentation at local public venues, e.g., DC History Conference.

#### **Figures:**

Figure 1: Existing Site and Proposed New Construction

Figure 2: GIS Overlay with Current Buildings and Foundry Footprint

Figure 3: Archaeological Area of Interest (AOI)

Figure 4: Construction Plan and Archaeological Area of Interest

**Figure 1: Existing Site and Proposed New Construction**



**Existing Conditions**



**Proposed New Construction Site Plan**



**Figure 2: GIS Overlay with Current Buildings and Foundry Footprint**



**GIS Overlay of 1888 US Coast and Geodetic Survey Sheet 7 (NOAA)  
with Current Building and Foundry Footprints (Not to scale, north to the top).**

**Figure 3: Archaeological Area of Interest**



**Bladensburg Bus Division  
Archaeological Area of Interest** ——



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