

APPENDIX B:
SCOPE OF WORK



A.D. MARBLE & COMPANY

Scope of Work

**Bridge 1-651 on Newport Road over CSX
Agreement No. 1374
Contract No. 27-074-01**

**Prepared for Pennoni Associates
Prepared by A.D. Marble & Company**

November 2, 2007

A.D. Marble & Company will perform cultural resource investigations on the proposed replacement of Bridge 1-651 over CSX project. The project limits are located between Kiamensi Road and James Road along Newport Road. It is assumed the bridge will be replaced on existing alignment. It is understood that the bridge was previously determined not eligible for listing in the National Register as part of the statewide bridge survey.

Due to the highly disturbed nature of the study area and the minimal ground disturbance associated with the project, no archaeology studies are anticipated at this time. However, the background research proposed for this Phase I study should assist in determining if such studies will be required and where if the design changes to include larger areas of ground disturbance.

This scope of work was primarily developed as a result of a September 10, 2007 scoping field view attended by DelDOT, DE SHPO, Pennoni, and A.D. Marble & Company staff.

Task 1.0 Phase I Investigation

Background Research

In conjunction with the field survey, A.D. Marble & Company proposes to conduct background research on the historical development of the project vicinity. For the purposes of this proposal, it is assumed that this effort will address the area generally located along Newport Road between Kiamensi Road and Old Capitol Trail. For architectural needs and not to duplicate future archaeological needs, the background research will address:

- A brief history of Newport Road and the Railroad line, ages, relationships etc... This will help determine the historic archaeological potential along the roadside of Newport Road.
- The age and conditions of the residential subdivisions along the north side of Newport Road and on the east and west sides of Kiamensi Avenue, south of Newport Road. Many homes and lots have been re-built or in-filled.

- A brief history of the triangular parcel of land in-between Newport Road and the Railroad line. As part of this, the research effort will also address the age and historic use of the Kings Assembly of God (3700 Kiamensi Avenue) and the attached brick addition (3702 Kiamensi Avenue), the adjacent cemetery, and the parcels located immediately west of the bridge on the south side of Newport Road.
- The National Register, Judy Johnson house will be mentioned in historic background development just to the date on the nomination or its relationship to any early subdivisions.
- Land use development, deeds, or other noticeable illustrations, aerials, or maps on the Delmarva Power substation property where a stormwater management may be placed across the road from Del-Castle High School.

It is expected that DelDOT's Environmental Studies staff will provide and brief AD Marble staff with some background information upon what they have assessed to date in the project area as to avoid background research duplication.

The background research effort will begin with an examination of the DE SHPO files, including a subdivision context that was prepared by the New Castle County Planning Commission in 1993. The microfiche files for all CRS numbers referenced on the State Planning Office (SPO) mapping will be examined. Previous reports that may contain relevant information or historic context, including the National Register nomination and eligibility determination for the Judy Johnson House, will also be consulted. The survey form and previous documentation prepared for Bridge 1-651 will also be collected from DelDOT. When indicated by the DE SHPO staff, additional resources included in the file room or library will be consulted.

In addition, the files of the New Castle County Planning Department and the University of Delaware Center for Historic Architecture and Design (formerly the Center for Historic Architecture and Engineering) (CHAE/CHAD) will be visited and examined to search for any additional information that may not have been on file at the DE SHPO office.

For the purposes of this proposal, it is assumed that the background research effort will include a comparison of historic nineteenth- twentieth-century mapping (including USGS 1906, USGS 1953, and historic aerials) and a careful examination of road plans provided by DelDOT staff. The mapping will be used to determine dates of construction and the historical development of the landscape. Tax assessment data available from the New Castle County Tax Assessors Office, which usually includes year of construction, will be collected prior to field survey work so that dates of construction can be verified during the course of the survey effort. In addition, historic plat mapping available at the New Castle County government offices will also be examined and photocopied. The files of the Historical Society of Delaware and Hagley Museum and Library will also be consulted for information on the historical development of the area.

For the purposes of this proposal, it is assumed that DelDOT will conduct and provide some preliminary deed research on properties within the APE and summarize their results. If necessary, A.D. Marble staff will conduct supplemental research. A maximum of five days of

supplemental research at the New Castle County Recorder of Deeds Office, SHPO, or other resource centers (as included above) is assumed in this proposal.

In addition, a maximum of five oral interviews with members of the local community or area historians are anticipated as part of the background research task. This will include a conversation with the staff of the Kings Assembly of God (3700 Kiamensi Avenue). Telephone follow-up conversations may form as a substitute or as an aid in this effort, pending the appropriate circumstances.

Architectural Fieldwork

It is assumed that the APE will be provided to A.D. Marble & Company in advance of the field survey effort. A.D. Marble & Company will limit the architectural fieldwork to a survey of those resources within the project APE that may be directly or indirectly impacted by the proposed improvements. This proposal assumes the survey effort will involve the documentation of a maximum of four previously unidentified resources: the dwellings at 1500, 1601, 1602 Newport Road and the subdivision located on the north side of Newport Road, east of Kiamensi Street. The fieldwork effort will include the preparation of supplemental documentation for Bridge 1-651 since it has been 10 years since it was previously evaluated as not eligible and it appears to have experienced additional alterations since the time of its previous documentation.

With assistance of DeIDOT staff, surveyors will visit properties with a copy of the intent-to-enter letter issued for the project. Fieldwork at each of the properties will include completing the appropriate CRS forms, taking photos, preparing photo logs, labeling site plans, and taking notes. To document the loss or retention of integrity, 35mm, black-and-white photographs of each elevation of each historic building on a property (if accessible and visible) will be taken. Modern buildings will also be recorded. Notable architectural details and views of the setting of each resource will be documented. The appropriate CRS forms will be completed for the four newly identified resources during the course of the survey effort.

As part of the documentation effort for the subdivision, it is anticipated that the appropriate CRS forms will be completed for the subdivision as a potential district and that CRS forms will not be required for individual buildings located within the subdivision and outside of the project APE. The subdivision documentation will include photographs of representative dwelling types, typical additions and alterations, and modern infill and/or vacant lots. The context *Suburbanization in the Vicinity of Wilmington, Delaware, 1880-1950+/-*, which addresses subdivisions in and around Wilmington, and other relevant contexts will be examined in the preparation of the subdivision documentation.

Architectural Report

The National Register Eligibility Report will include a description of the proposed undertaking and the Area of Potential Effect (APE). Generalized or specific area photographs will illustrate the visual extent of the project on historic structures. The report will include the background history on the development of the area, which will be supplemented by historic mapping and photographs, if available. Besides including the historic background of the project area, a context

development for individual property types will be developed following SHPO guidelines and other relevant contexts developed for evaluating property types. This information will be used to judge and justify individual National Register eligibility evaluations. The report will include appropriate CRS forms for above-ground resources in the APE, which will be supplemented by descriptions, eligibility determinations, and photographs. The report will also provide a context that can be used to assess future archaeological potential within the near vicinity of historic structures and along that part of Kiamensi Avenue that borders the cemetery associated with the Kings Assembly of God Church. Copies of previous documentation, if any, will be included in an appendix of the report.

Based on the results of the September 10, 2007 field view, it does not initially appear that any of the four previously unevaluated resources are architecturally or historically significant, although potential historical significance and National Register eligibility may be discovered upon further research. For the purposes of this proposal, it is assumed that the eligibility assessments for four properties will not include preparation of a National Register nomination form. Preparation of the appropriate CRS survey forms (draft and final) will be included. The survey forms will be completed to DE SHPO standards and the eligibility recommendations will reference the appropriate National Register guidelines and established contexts for specific property types.

The draft report and final will reference and include all pertinent historic maps or other illustrations within the APE or general area to determine if any possible high historic archaeological potential may exist. Any past historic or prehistoric archaeological resources that are known or investigated sites will be highlighted and referenced. At this stage, this information will help determine if something is shown on the maps that DelDOT, SHPO, Penonni Associates, or A.D. Marble Staff potentially missed in our field scoping meeting on September 10, 2007. This information will also provide an assessment for the prehistoric and historic archaeological background research when this task is assigned. Under this proposal, no specific archaeological field efforts will be undertaken, but the background information collected, discussed, or illustrated, will assist in future scoping efforts.

As part of the deliverables associated with the Architectural Report, A.D. Marble & Company anticipates the preparation and delivery of a GIS database using DelDOT's GIS database protocol.

The preparation of a maximum of five draft and five final hard copies of the report and associated deliverables (contacts sheets and negatives) is anticipated. A pdf of the final report will be provided to DelDOT staff.

Task 2.0 Project Management and Meetings

A total of one kickoff meeting, one public meeting, and six team status meetings are anticipated, totaling eight project meetings. The lead architectural historian or project manager will attend the team status meetings and public workshop meeting depending on the needs of DelDOT.