

## 5.0 SUMMARY AND RECOMMENDATIONS

An archaeological survey and historic structures inventory, including a field view, background research, geomorphology, and field investigations, have been completed for the DelDOT's proposed U.S. 13/U.S. 13A/Road 46 Intersection Improvements project. The goal of the archaeological survey was to identify any archaeological remains located within the limits of the construction disturbance proposed for the roadway project and, if possible, to assess any identified resources for significance (eligibility for listing in the NRHP). To this end, background and geomorphological research indicated that only one portion of the project area had the potential to contain pre-contact or historic period archaeological remains. This area was then surveyed using appropriate, standard, and proven methodologies. One historic period isolated artifact was identified in the archaeological APE during the survey. Isolate 1 is a small piece of solarized glass dating from the period of approximately 1880 to 1915. The glass is not functionally diagnostic.

Despite the opportunity to survey a relatively undisturbed portion of the project area that had the potential to contain pre-contact period cultural remains, the U.S. 13/U.S. 13A/Road 46 Intersection Improvements project archaeological survey resulted in the identification of only one isolated historic period artifact with no associated cultural features or other cultural materials. Isolates are not considered archaeological sites; therefore, the glass is not considered eligible for listing in the NRHP.

Research did not identify any previously recorded NRHP-listed or -eligible historic structures or historic districts within the U.S. 13/U.S. 13A/Road 46 Intersection Improvements project area. The historic structures survey identified two above-ground structures, S-10139, a ca. 1955 service station which is currently being used as a cigarette shop, and S-10140, a ca. 1940 vernacular residence, that are over 50 years of age within or adjacent to the proposed project area. Neither structure was evaluated as potentially eligible for listing in the NRHP because they do not meet any of the four NRHP Criteria for Evaluation, nor do they possess aspects of integrity as measured by the NRHP Criteria for Evaluation and Delaware state guidelines.

Based on the lack of previously and newly identified archaeological sites within the U.S. 13/U.S. 13A/Road 46 Intersection Improvements project area, and the lack of NRHP-listed or -eligible historic structures, the proposed intersection improvements, as currently designed, will not affect any significant pre-contact or historic period archaeological resources, or historic structures. No additional cultural resources investigations are warranted.