



Work Type Definition: Archeological Services

I. Minimum Requirements:

Work being completed to be under the direct supervision of an Archaeologist who is licensed by the Office of the Minnesota State Archaeologist.

II. Description

Section 106 of the National Historic Preservation Act (NHPA) requires that actions in which a federal agency participates take into account the effects the action has on historic properties and afford the Advisory Council on Historic Preservation (ACHP) a reasonable opportunity to comment on such actions. The Section 106 process seeks to accommodate historic preservation concerns with the purpose and need of the federal action through consultation among the agency officials and other parties that have an interest in the effects the action has on historic properties, commencing at the early stages of project planning. The goal of the archaeology study is to identify, evaluate and provide recommendations on the eligibility of archaeological properties within the area of potential effects (APE) of the action, or to perform mitigation for adverse effects for archaeological properties eligible for, or listed on, the National Register of Historic Places (NRHP). For highway projects designed or constructed with state or federal funds, all determinations of the APE, the NRHP eligibility of identified resources, the effects of an undertaking, and the development of mitigation programs must be completed by MnDOT Cultural Resources Unit (CRU) staff acting on behalf of the Federal Highway Administration (FHWA).

III. Standards and specifications

Standards and specifications required for a project under this work type may include the following:

- A. Secretary of the Interior's Standards for Archaeology and Historic Preservation (48 Federal Register 44716-44740; National Park Service).
- B. MnDOT's Cultural Resource Unit Project and Report Requirements (2011).
- C. The State Historic Preservation Office (SHPO) Guidelines for Architecture/History Projects in Minnesota (SHPO 2001).
- D. MnDOT Geographic Information System (GIS) Standards (2002).
- E. MnDOT's Standards for Archaeological and Historic Structures Data (2002).
- F. MnDOT's Deep Testing Protocol (2006)

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IV. Provided by consultant

Deliverables to be supplied by the consultant for a project may include the following:

- A. Archaeology studies in accordance with appropriate federal and state standards including, but not limited to, the standards and guidelines described above.
- B. Level I
 - Archaeology identification, pre-contact deep testing, pre-contact evaluation and pre-contact mitigation field work and reports.
 - Appropriate site forms, photographs, curation and GIS data by project.
- C. Level II
 - Archaeological identification, historic archaeology evaluation and mitigation fieldwork and reports.
 - Appropriate site forms, photographs, curation and GIS data by project.

Levels of deliverables/work (Compare and Contrast)	
Level I: Pre-contact Archaeological Work (12.1)	Level II: Historic Archaeological Work (12.2)
<i>Level I consists of Phase I archaeological identification, Phase II pre-contact archaeological site evaluation, Phase I and II pre-contact deep testing, and Phase III pre-contact archaeological data recovery work as per the Standards and Guidelines cited herein.</i>	<i>Level II consists of Phase I archaeological identification, Phase II historic archaeological site evaluation, and Phase III historic archaeological data recovery work as per the Standards and Guidelines cited herein.</i>