Go to Section:
1. Identification Information
2. Data Quality Information
3. Spatial Data Organization Information
4. Spatial Reference Information
5. Entity and Attribute Information
6. Distribution Information
7. Metadata Reference Information

Section 1 Identification Information

Originator
- Minnesota State Historic Preservation Office (SHPO)
- Minnesota Office of the State Archaeologist (OSA)
- State Historic Preservation Office (SHPO)
- United States Forest Service (USFS)

Title
ARCHSITE

Abstract
ARCHSITE is a polygon feature class storing information unique to each recorded pre-contact archaeological site in Minnesota.

Purpose
Data input(s) for MnModel Phase 4.

Time Period of Content
1987-2017
Currentness Reference  Dates of sites mapped. Archaeological site information was last updated by new data from SHPO and OSA in March, 2015; updates from MnDOT include periodic site polygons from consultant submissions until 2016; USFS data were current as of May, 2015.

Progress  Complete

Maintenance and Update Frequency  MnDOT has no plans to update these data. With the exception of the USFS data, all data have been turned over to OSA for maintenance and updating.

Spatial Extent of Data  Statewide

Bounding Coordinates  E = -89
W = -97.5
N = 49.5
S = 43

Place Keywords  Minnesota

Theme Keywords  MnModel, archaeology, prehistoric, pre-contact

Theme Keyword Thesaurus  None

Access Constraints  These data are not available to the general public. The SHPO and OSA data only are available to qualified archaeologists and tribal preservation staff via the Minnesota Office of the State Archaeologist (OSA) portal.

Use Constraints  By accepting these data, the user agrees not to transmit these data or provide access to it or any part of it to another party.

Per a Memorandum of Understanding (MOU) between MnDOT and USFS (FS Agreement No. 15-MU-11090300-003), all federal site data must be erased in its entirety from all State-owned hard drives and/or locations of database information by June 30, 2019. These data have now been removed from this dataset, but are documented here as they were used for development of MnModel Phase 4 models.

Contact Person Information  OES GIS Support
Minnesota Department of Transportation (MnDOT)
Office of Environmental Stewardship
395 John Ireland Blvd, MS 620
St. Paul, MN  55155
Email: EnvironmentalDataManager.DOT@state.mn.us

None available

Associated Data Sets
ARCHSURV, SITE SAMP, SURVSAMP

**Section 2**

**Data Quality Information** - - - - - - Go back to top

**Attribute**

**Accuracy**
Varies. A qualitative locational confidence value is assigned for each site polygon/record in the database.

**Logical Consistency**

**Completeness**
Incomplete. All reliably known pre-contact period sites from the SHPO and OSA database at the time of completion are included.

**Horizontal Positional Accuracy**
Variable. At their least accurate, the data are based upon mapping of sites from USGS topo maps. At their most accurate, the data are based upon points collected using GPS units operating at a sub-meter level of accuracy. SHPO and OSA site polygons were georeferenced and digitized from a variety of hardcopy files including both site forms and USGS 7.5 quadrangle maps. Field archaeologists varied in the accuracy with which they recorded these coordinates. SNF point data were buffered by a radius of 60 meters in order to generate appendable polygons. This radius value is based on the average area of a CNF archaeological site polygon. Based on multiple database fields, the LOCCONF field value qualitatively rates the horizontal positional accuracy for each site polygon.

**Vertical Positional Accuracy**
n/a

**Lineage**

MnDOT began collecting archaeological site shapefiles from Contractors in 2000. In 2012, for MnModel Phase 4, contractors digitized sites mapped to USGS topo sheets by the SHPO office from site forms. This was followed by a project to digitize all remaining site boundaries from site
forms, most of which were on file at SHPO and the remainder were found at OSA. This database incorporates all available information from records at both the Minnesota Historic Preservation Office and the Minnesota Office of the State Archaeologist. USFS sites data from both Chippewa National Forest (CNF) and Superior National Forest (SNF) were subsequently appended to the SHPO/OSA site database.

Specific modeling fields pertaining to site description, function, and archaeological tradition were created and populated based on the recorded database information. Only selected fields are used from the original merged database.

**Source Scale Denominator**
1:24,000

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**Section 3**

Spatial Data Organization Information

- Native Data Set Environment: ArcMap 10.3
- Geographic Reference for Tabular Data: none
- Spatial Object Type: Vector
- Vendor Specific Object Types: Polygon
- Tiling Scheme: none

---

**Section 4**

Spatial Reference Information

- Horizontal Coordinate Scheme: UTM
- Ellipsoid: GRS80
- Horizontal Datum: NAD83
Section 5

Entity and Attribute Information - - - - - - Go back to top

Entity and Attribute Overview
Field, type, width, definition

Section 6

Distribution Information - - - - - - Go back to top

Publisher
Minnesota Department of Transportation (MnDOT)

Publication Date

Contact Person Information
OES GIS Support
Minnesota Department of Transportation (MnDOT)
Office of Environmental Stewardship
395 John Ireland Blvd, MS 620
St. Paul, MN 55155

Email: EnvironmentalDataManager.DOT@state.mn.us

Distributor’s Data Set Identifier
ARCHSITE

Distribution Liability
As specified by MnDOT and MnModel data disclaimer(s).
The Minnesota Department of Transportation makes no
representation or warranties, express or implied, with respect to the reuse of data provided herewith, regardless of its format or the means of its transmission. There is no guarantee or representation to the user as to the accuracy, currency, suitability, or reliability of this data for any purpose. The user accepts the data 'as is', and assumes all risks associated with its use. By accepting this data, the user agrees not to transmit this data or provide access to it or any part of it to another party unless the user shall include with the data a copy of this disclaimer. The Minnesota Department of Transportation assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data.

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<th>Transfer Format Name</th>
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<td>Transfer Format</td>
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<td>10.3</td>
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<td>Transfer Size</td>
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<tr>
<td>Ordering Instructions</td>
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<tr>
<td>Online Linkage</td>
<td>Archaeological site data are available only to qualified archaeologists and tribal preservation staff through the Minnesota Office of the State Archaeologist (OSA) Portal.</td>
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</table>

Section 7 Metadata Reference Information

Metadata Date: 9/26/2017

Contact Person Information:
OES GIS Support
Minnesota Department of Transportation (MnDOT)
Office of Environmental Stewardship
395 John Ireland Blvd, MS 620
St. Paul, MN 55155

Email: EnvironmentalDataManager.DOT@state.mn.us
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This page last updated 5/6/2019.

[Go back to top]
### Detailed Attribute Metadata Table

<table>
<thead>
<tr>
<th>Variable Name</th>
<th>Type</th>
<th>Description</th>
<th>Source</th>
<th>Valid Values</th>
</tr>
</thead>
</table>
| FUNCTION      | String | Site evidence and/or inferred function; more than one function may occupy the field, with function codes separated by commas and no spaces | Office of the State Archaeologist (OSA), United States Forest Service (USFS) | EW = Earthwork  
MOULD = Mound  
RART = Rock Art  
RALN = Rock Alignment  
RSHLTR = Rock Shelter  
QUARRY = Quarry  
KILL = Animal Kill  
BUTCHERING = Animal Butchering  
PORTAGE = Portage  
TRAIL = Trail  
BATTLE = Battleground  
HAB = Habitation  
SA = Single Artifact  
LS = Lithic Scatter  
TEMPCAMP = Temporary Camp  
BASECAMP = Base Camp  
LITHIC_WS = Lithic Workshop  
FISHING = Fishing  
RICING = Wild Rice Gathering  
SUGARING = Maple Sugar Gathering  
CACHE = Cache  
TRADING_POST = Trading Post  
SM = Shell Middel  
GATHERING = Plant Gathering  
GARDENING = Gardening |
| DB_SOURCE     | String | Source Agency of Data                                                        | Office of the State Archaeologist (OSA), United States Forest Service (USFS) | OSA  
USFS |
| SITENUM       | String | OSA site number                                                              | OSA                                                                    | 21XXynnn where 21 is the state code, XX is the two-letter county code, and nnnn is the four digit sequence number. |
| SITENAME      | String | OSA site name                                                                | OSA                                                                    | Varied text |
| FSSITENUMB    | String | USFS site number                                                             | USFS                                                                   | 11-digit number assigned by USFS |
| FSSITENAME    | String | USFS site name                                                               | USFS                                                                   | Varied text |
| COUNTY        | String | County name                                                                  | State of Minnesota                                                     | Names of 87 MN counties |
| QAQCBY        | String | Agency/consultant performing quality control                                  | Office of the State Archaeologist (OSA), United States Forest Service (USFS) | HDR  
MnDOT  
ProWest  
USFS |
| ScannedBy     | String | Agency/consultant responsible for scanning hardcopy forms                     | MnDOT                                                                   | Contractor  
ProWest  
Summit |
| DigitizedB    | String | Agency/consultant responsible for digitizing the site location               | MnDOT                                                                   | Contractor  
DNR  
MnDOT  
ProWest  
Summit  
USFS |
<table>
<thead>
<tr>
<th>Variable Name</th>
<th>Type</th>
<th>Description</th>
<th>Source</th>
<th>Valid Values</th>
</tr>
</thead>
</table>
| GISSource     | String| Source of digital site data or type of hardcopy document from which it was digitized | OSA, State Historic Preservation Office (SHPO), USFS, Minnesota Department of Natural Resources (MN DNR), MnDOT | Contractor Survey = Submitted to MnDOT in digital format by contractor  
MN DNR = Provided to MnDOT in digital format by DNR  
Report = Digitized from a survey report  
SHPO Topo = Digitized from topographic maps on file at SHPO  
SHPO UTM = GIS point created from UTM coordinate in SHPO database  
SiteForm = Digitized from original Site Form  
SiteUpdate = Digitized from Updated Site Form  
Uncertain = Source not known  
USFS = Provided to MnDOT in digital form by USFS |
| EW            | Long  | Earthwork                                        | OSA, USFS                                       | 0 – No  
1 – Yes                                                                                     |
| MOUND         | Long  | Mound                                            | OSA, USFS                                       | 0 – No  
1 – Yes                                                                                     |
| RART          | Long  | Sacred marking (rock art)                        | OSA, USFS                                       | 0 – No  
1 – Yes                                                                                     |
| RALN          | Long  | Rock alignment                                   | OSA, USFS                                       | 0 – No  
1 – Yes                                                                                     |
| RSHLTR        | Long  | Rock shelter                                     | OSA, USFS                                       | 0 – No  
1 – Yes                                                                                     |
| QUARRY        | Long  | Quarry                                           | OSA, USFS                                       | 0 – No  
1 – Yes                                                                                     |
| KILL          | Long  | Animal kill site (e.g. bison, elk)               | OSA, USFS                                       | 0 – No  
1 – Yes                                                                                     |
| BUTCHERING    | Long  | Animal butchering site                           | OSA, USFS                                       | 0 – No  
1 – Yes                                                                                     |
| PORTAGE       | Long  | Overland portage                                 | OSA, USFS                                       | 0 – No  
1 – Yes                                                                                     |
| TRAIL         | Long  | Trail, pathway, etc.                             | OSA, USFS                                       | 0 – No  
1 – Yes                                                                                     |
| BATTLE        | Long  | Battleground area                                | OSA, USFS                                       | 0 – No  
1 – Yes                                                                                     |
| HAB           | Long  | Habitation area                                  | OSA, USFS                                       | 0 – No  
1 – Yes                                                                                     |
| SA            | Long  | Single artifact (e.g. lone arrowhead, pottery sherd) | OSA, USFS                                       | 0 – No  
1 – Yes                                                                                     |
| LS            | Long  | Lithic scatter                                   | OSA, USFS                                       | 0 – No  
1 – Yes                                                                                     |
| TEMPCAMP      | Long  | Temporary camp                                   | OSA, USFS                                       | 0 – No  
1 – Yes                                                                                     |
| BASECAMP      | Long  | Base camp                                        | OSA, USFS                                       | 0 – No  
1 – Yes                                                                                     |
| LITHIC_WS     | Long  | Lithic workshop                                  | OSA, USFS                                       | 0 – No  
1 – Yes                                                                                     |
| FISHING       | Long  | Fishing location                                 | OSA, USFS                                       | 0 – No  
1 – Yes                                                                                     |
| RICING        | Long  | Ricing location                                  | OSA, USFS                                       | 0 – No  
1 – Yes                                                                                     |
| SUGARING      | Long  | Sugaring location                                | OSA, USFS                                       | 0 – No  
1 – Yes                                                                                     |
<table>
<thead>
<tr>
<th>Variable Name</th>
<th>Type</th>
<th>Description</th>
<th>Source</th>
<th>Valid Values</th>
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<tbody>
<tr>
<td>CACHE</td>
<td>Long</td>
<td>Cache spot</td>
<td>OSA, USFS</td>
<td>0 – No 1 – Yes</td>
</tr>
<tr>
<td>TRADING POST</td>
<td>Long</td>
<td>Trading post location</td>
<td>OSA, USFS</td>
<td>0 – No 1 – Yes</td>
</tr>
<tr>
<td>SM</td>
<td>Long</td>
<td>Shell midden</td>
<td>OSA, USFS</td>
<td>0 – No 1 – Yes</td>
</tr>
<tr>
<td>GATHERING</td>
<td>Long</td>
<td>Resource gathering location</td>
<td>OSA, USFS</td>
<td>0 – No 1 – Yes</td>
</tr>
<tr>
<td>GARDENING</td>
<td>Long</td>
<td>Gardening location</td>
<td>OSA, USFS</td>
<td>0 – No 1 – Yes</td>
</tr>
<tr>
<td>NUM_ARTIFACTCAT</td>
<td>Long</td>
<td>Total number/tally of individual artifact categories recorded at the site (i.e. flora, fauna, ceramics, lithic or exotic materials)</td>
<td>OSA, USFS</td>
<td>0 1 2 3 4 5</td>
</tr>
<tr>
<td>NUM_SITE FUNCT</td>
<td>Long</td>
<td>Total number/tally of individual site functions recorded at the site (i.e. a tally of fields ranging from EW to GARDENING which have a value of 1). This value gauges the site’s diversity of use.</td>
<td>OSA, USFS</td>
<td>0 1 2 3 4 5 6</td>
</tr>
<tr>
<td>CULTURAL</td>
<td>Long</td>
<td>Total number/tally of cultural functions recorded at each site (i.e. if MORT=1, MOUND=1, RART=1, or RALN=1).</td>
<td>OSA, USFS</td>
<td>0 1 2 3 4</td>
</tr>
<tr>
<td>ECONOMIC</td>
<td>Long</td>
<td>Total number/tally of economic functions recorded at each site (i.e. if QUARRY=1, KILL=1, BUTCHERING=1, PORTAGE=1, TRAIL=1, HAB=1, AS=1, LS=1, TEMPCAMP=1, BASECAMP=1, LITHIC_WS=1, FISHING=1, RICING=1, SUGARING=1, CACHE=1, TRADING POST=1, SM=1, GATHERING=1, or GARDENING=1).</td>
<td>OSA, USFS</td>
<td>0 1 2 3 4 5</td>
</tr>
<tr>
<td>ANOMALY</td>
<td>Long</td>
<td>Anomalous site (i.e. BATTLE=1 or SA=1)</td>
<td>OSA, USFS</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>PL_TRAD</td>
<td>Long</td>
<td>Recorded as Paleo tradition site</td>
<td>OSA, USFS</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>AR_TRAD</td>
<td>Long</td>
<td>Recorded as Archaic tradition site</td>
<td>OSA, USFS</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>Variable Name</td>
<td>Type</td>
<td>Description</td>
<td>Source</td>
<td>Valid Values</td>
</tr>
<tr>
<td>---------------</td>
<td>------</td>
<td>-------------</td>
<td>--------</td>
<td>--------------</td>
</tr>
<tr>
<td>WLD_TRAD</td>
<td>Long</td>
<td>Recorded as Woodland tradition site</td>
<td>OSA, USFS</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>PV_TRAD</td>
<td>Long</td>
<td>Recorded as Plains Valley tradition site</td>
<td>OSA, USFS</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>MS_TRAD</td>
<td>Long</td>
<td>Recorded as Mississippian tradition site</td>
<td>OSA, USFS</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>ONTA_TRAD</td>
<td>Long</td>
<td>Recorded as Oneota tradition site</td>
<td>OSA, USFS</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>NUM_TRADITIONS</td>
<td>Long</td>
<td>Total number/tally of archaeological traditions recorded at each site. This value gauges its level of use over time (i.e. if PL_TRAD=1, AR_TRAD=1, WLD_TRAD=1, PV_TRAD, MS_TRAD, or ONTA TRAD=1).</td>
<td>OSA, USFS</td>
<td>0 1 2 3 4 5</td>
</tr>
<tr>
<td>CERSITE</td>
<td>Long</td>
<td>Ceramic evidence was recorded at the site</td>
<td>OSA, USFS</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>MORT</td>
<td>Long</td>
<td>Mortuary site</td>
<td>OSA, USFS</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>AS</td>
<td>Long</td>
<td>Artifact scatter</td>
<td>OSA, USFS</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>GROUP_1</td>
<td>Short</td>
<td>All sites except SA=1 or ANOMALY=1. This group samples the entire archaeological site population EXCEPT single artifact finds and other anomalous sites such as battlegrounds. This is the largest population of sites that may be modeled. As such, it combines sites for different types of activities and from different time periods. For this reason, models created using this group may be imprecise.</td>
<td>MnDOT</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>Variable Name</td>
<td>Type</td>
<td>Description</td>
<td>Source</td>
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</tr>
<tr>
<td>GROUP_2</td>
<td>Short</td>
<td>HAB=1 or AS=1. These are recorded habitation sites and surface artifact scatters (e.g. both pottery and lithics), which may indicate underground features such as storage pits. This group (all those following) serve as a test combination of recorded site type descriptions/functions for site prediction modeling. The effectiveness of using this specific combination of site descriptions/functions will be subsequently assessed by comparing its output with recorded and anticipated site locations.</td>
<td>MnDOT</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>GROUP_3</td>
<td>Short</td>
<td>HAB=1 or CERSITE=1. This test combination includes both habitations and sites where ceramic evidence was found, which presumably indicates prolonged habitation or intensified economic activity.</td>
<td>MnDOT</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>GROUP_4</td>
<td>Short</td>
<td>HAB=1 or AS=1 or LS=1. This test combination includes habitations, artifact scatters as well as lithic scatters. Lithic scatters may also indicate underground features, a workshop, rest area, etc.</td>
<td>MnDOT</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>GROUP_5</td>
<td>Short</td>
<td>AS=1 or LS=1 or EW=1. This test combination includes artifact scatters, lithic scatters, and earthworks (burial mound, fortification, ricing pit) which indicate long-term habitation and/or the site is culturally significant and in all likelihood re-visited.</td>
<td>MnDOT</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>Variable Name</td>
<td>Type</td>
<td>Description</td>
<td>Source</td>
<td>Valid Values</td>
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</tr>
<tr>
<td>GROUP_6</td>
<td>Short</td>
<td>AS=1 or EW=1 or CERSITE=1. This test combination includes artifact scatters, earthworks, and ceramic evidence. All of these site types/function indicate possible long-term village occupation or at least extended habitation.</td>
<td>MnDOT</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>GROUP_7</td>
<td>Short</td>
<td>AS=1 or LS=1 or EW=1 or CERSITE=1. This test combination includes artifact scatters, lithic scatters, earthworks, and ceramic evidence. All of these site types/function possibly indicate village-type activity.</td>
<td>MnDOT</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>GROUP_8</td>
<td>Short</td>
<td>HAB=1 or AS=1 or LS=1 or EW=1. This test combination includes habitations, artifact scatters, lithic scatters, and earthworks.</td>
<td>MnDOT</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>GROUP_9</td>
<td>Short</td>
<td>HAB=1 or AS=1 or EW=1 or CERSITE=1. This test combination includes habitation, artifact scatters, earthworks, and ceramic evidence.</td>
<td>MnDOT</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>GROUP_10</td>
<td>Short</td>
<td>HAB=1 or AS=1 or LS=1 or CERSITE=1. This test combination includes habitations, artifact scatters, lithic scatters, and ceramic evidence.</td>
<td>MnDOT</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>GROUP_11</td>
<td>Short</td>
<td>HAB=1 or AS=1 or LS=1 or EW=1 or CERSITE=1. This test combination includes habitation, artifact scatters, lithic scatters, earthworks, and ceramic evidence.</td>
<td>MnDOT</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>Variable Name</td>
<td>Type</td>
<td>Description</td>
<td>Source</td>
<td>Valid Values</td>
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<td>-------------</td>
<td>--------</td>
<td>--------------</td>
</tr>
<tr>
<td>PERIOD_1</td>
<td>Short</td>
<td>PL_TRAD=1 or AR_TRAD=1. This test combination includes only Paleo and Archaic sites, which are attributed with a hunter/gatherer lifeway (all sites older than 1,000 BC). After the Archaic period ends, we are able to observe more sedentary types of village life, intensified agricultural practices, mound building, intensified regional trade, etc.</td>
<td>MnDOT</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>PERIOD_2</td>
<td>Short</td>
<td>WLD_TRAD=1 or PV_TRAD=1 or MS_TRAD=1 or ONTA_TRAD or CERSITE=1. This test combination includes sites from the Woodland, Plains Valley, Mississippian, and Oneota traditions in addition to sites with ceramic evidence (sites generally post-dating 1,000 BC). These traditions all made pottery, built mounds, traded regionally, their diets consisted of resources obtained through hunting-fishing-gathering-horticulture, and social interaction across Minnesota intensifies. Populations increase and cultural centers appear across Minnesota.</td>
<td>MnDOT</td>
<td>0 - No 1 - Yes</td>
</tr>
<tr>
<td>JOIN_ID</td>
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<td>Attribute join field</td>
<td>MnDOT</td>
<td></td>
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<tr>
<td>Variable Name</td>
<td>Type</td>
<td>Description</td>
<td>Source</td>
<td>Valid Values</td>
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<td>-------</td>
<td>-----------------------------------------------------------------------------</td>
<td>------------</td>
<td>---------------------------------------</td>
</tr>
</tbody>
</table>
| LOCCONF       | Short | Location confidence value based on existing qualitative database fields and LOCCONF_F2 Decision Table. Note: the original LOCCONF value utilized in the decision table was assigned by the Minnesota Historic Preservation Office. | MnDOT      | 5 = Very High
                                           |            | 4 = High
                                           |            | 3 = Moderate
                                           |            | 2 = Low
                                           |            | 1 = Very Low
                                           |            | See LOCCONF Decision Table. |

**LOCCONF Decision Table**

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<th>LOCCONF</th>
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<td>5</td>
</tr>
<tr>
<td>GISSource &lt;&gt; 'Contractor Survey' AND LOCCONF = 1</td>
<td>5</td>
</tr>
<tr>
<td>GISSource &lt;&gt; 'Contractor Survey' AND LOCCONF = 2</td>
<td>4</td>
</tr>
<tr>
<td>GISSource &lt;&gt; 'Contractor Survey' AND LOCCONF = 3</td>
<td>3</td>
</tr>
<tr>
<td>GISSource &lt;&gt; 'Contractor Survey' AND LOCCONF = 4</td>
<td>2</td>
</tr>
<tr>
<td>GISSource &lt;&gt; 'Contractor Survey' AND LOCCONF = 5</td>
<td>1</td>
</tr>
<tr>
<td>GISSource &lt;&gt; 'Contractor Survey' AND (LOCCONF IS NULL OR LOCCONF = '') AND (GISSource = 'SiteForm' OR GISSource = 'SiteUpdate')</td>
<td>5</td>
</tr>
<tr>
<td>GISSource &lt;&gt; 'Contractor Survey' AND LOCCONF IS NULL AND GISSource = 'SHPO Topo'</td>
<td>4</td>
</tr>
<tr>
<td>GISSource = 'SHPO UTM' (overrides LOCCONF)</td>
<td>3</td>
</tr>
<tr>
<td>DB_SOURCE = 'USFS'</td>
<td>5</td>
</tr>
</tbody>
</table>