

CDOT Cultural Resources Program GIS Deliverables

CDOT’s Cultural Resources Program requests that consultants submit GIS shapefiles (.shp) to CDOT for each completed site form. Shapefiles should reflect the resource boundaries described in the site form(s) and depicted in the sketch map(s). If a KML, KMZ or other format is used, please submit that file instead. If you have questions, please contact the CDOT historian or archaeologist with whom you are working on your project. Shapefiles must be completed using the following guidelines:

Template: Use the shapefile template available from History Colorado, with the three additional fields in italics below: <https://www.historycolorado.org/submitting-your-data-shpo>

Coordinate System: NAD83 / UTM Zone 13N

Format: File Geodatabase

Attribute Fields: Shapefiles must include the attribute fields described below. All but the last three of these fields are already present on the SHPO template. The last three must be added to the template by the consultant. Unknown information can be left blank.

FIELD	Explanation / Instructions
FID	Leave blank.
SHAPE	Should be polygon (do not change).
ID	Unique sequential numeric ID for a given spatial feature (leave blank).
AREA	In square meters (use calculate geometry tool).
PERIMETER	In meters (use calculate geometry tool).
ACRES	Number of acres (use calculate geometry tool).
SITE	Smithsonian (e.g. 5CF.11).
BND_CMPLT	Boundary complete – indicate Y if the polygon represents the complete site boundary, N if it does not.
VER	Leave blank.
DATE	Date of shapefile completion.
LINEAR	Mark 1 for a linear resource, 0 if not a linear resource.
ZONE	UTM zone (13 for Region 1)
X	X coordinate of the center point of the site (use “calculate geometry,” Centroid x-coordinate).
Y	Y coordinate of the center point of the site (use “calculate geometry,” Centroid y-coordinate).
SOURCE	CDOT & Region or HQ (e.g. “CDOT HQ” or “CDOT Region 1”)
CONF	Confidence in the accuracy of the data. HC for High Confidence, LC for Low Confidence.
RES_TYPE	Resource Type (e.g. Archaeological, Historical Archaeology, Historic, Paleontological, and/or Unknown).
SHAPE_Leng	Leave blank
SHAPE_Area	Leave blank
<i>PROJECT_SUB*</i>	Associated CDOT project subaccount number (if applicable). NA for permits, disposals, or if no subaccount. If unknown, leave blank.
<i>NAME*</i>	Resource name (e.g. Stone House).
<i>ELIGIBILITY*</i>	Eligibility determination. Use Eligible, Not Eligible, Supporting or Non-supporting.

*Add these fields to OAHF shapefile template.