

Survey Plats and Legal Description Requirements.

1. *Survey plats must show ties to PLSS corners (second division level or higher).*
2. Survey plats must include a legal description with the metes and bounds descriptions for each parcel, right-of-way, or easement.
3. Survey plats must show the land surveyed in aliquot parts, and for any partial quarter-quarter section, lot or partial lot included.
4. Survey plats must depict the centerline of the proposed right of way in **red**.
5. ***The route indicated by the centerline must show the length in rods and total acreage for each quarter-quarter within the section along the entire route.***
6. The survey must identify every point where a proposed right-of-way enters or leaves state trust land.
7. The survey plat must depict all rights-of-way and easements that affect the land being surveyed.
8. All plats are to be drawn in the appropriate zone of the *New Mexico State Plane Coordinate System, North American Datum 1983*.

Surveys that do not comply with these requirements will be rejected.

In addition to a survey, the Commissioner of Public Lands may require an Improvement Location Report to be prepared in accordance with NMAC Section 12.8.2.10. If a parcel to be surveyed lies in an area not covered by the Public Land Survey System (PLSS) (e.g., land grants), then a PLSS framework must be projected onto the lands in question. The results of all surveys must be reported within the framework of the PLSS to the second division (see items 1 through 4 listed above).

Electronic Format.

In addition to a physical plat, a digital file containing centerlines for Rights-Of-Ways and/or boundary lines for parcels or leased areas (including ROWs) must be included. The digital file shall contain all of the requirements in 19.2.10.12A NMAC. *The data must be drawn to scale and projected in the appropriate zone for the New Mexico State Plane Coordinate System, NAD83.* **The plat will not be approved until the spatial data has been submitted by the surveyor and is georeferenced correctly.**

Any of the formats listed below will be accepted. Only one digital file needs to be submitted.

Acceptable CAD formats: AutoCAD *dwg* and *dxf* formats or Microstation *dgn* format containing line features for centerlines and/or boundary area outlines.

OR

Acceptable GIS formats: shapefiles or personal/file geodatabases (ESRI) containing a line feature class for centerlines and/or boundary area outlines. ESRI COGO traverse files are also acceptable. Projection information must be included (e.g.,prj file).



For further information, please contact:
Land Office Geographic Information Center
New Mexico State Land Office