

I Team Cadastral Template - Draft Version 1.

This version of the I Team template report is for states that are not participating in the GCDB maintenance. This follows the same format as the GCDB Maintenance Plans.

The term state is used throughout to address the larger geographical area of interest. It is presumed that states will be taking the lead on completing the overall Office of Management and Budget (OMB) I Team Plans. We recognize that the larger are of interests may be a region, a tribal reservation, or other area and use the term state for simplicity. Please use whatever level or area of interests that is appropriate for your response.

The term county is used throughout to describe the detailed or smaller units or collection and planning. We recognize that the smaller areas may be regional planning areas, counties, cities, tribal reservations or other areas and use the term county for simplicity. Please use whatever level or area of interests that is appropriate for your response.

Title of Plan:

1. **Theme Description and Priority:** Briefly describe the overall content of the cadastral theme as it applies to your state. As examples, what types of parcels, if any, are included, real estate assessment information, parcel use, survey control, etc. Also, briefly describe the priority of the cadastral theme relative to other themes and projects in your state.
2. **Background and Purpose:** Provide brief background and a statement of purpose for the cadastral theme in your state. What types of activities or decisions led to the identification and collection of the cadastral information and what is the primary overall purpose for the cadastral theme in your state.
3. **General Status of Data and Data Sources:** Provide a general description of the status and source of data sets in your state, as examples county, private, tribal, federal, state. The general status may describe several data sets such as survey control, Public Land Survey System corners in public domain states, landownership attribute information, and parcel mapping.
4. **Approach:**

4.1 Strategy

Describe the general strategy to proceed from inventory, status, completion and finally maintenance. Typically, the strategic approach for your state may include planning and pilot projects which may be conducted on a county basis with the option to combine counties to address larger geographic areas, where needed. State or regional organizations may lead collaborative-based planning/pilot projects and subsequent combining projects. Part of strategic approach may include approaches to quality control assurance, institutional arrangements, metadata collection, Internet distribution of final projects, and subscription

updates

4.2 Standards and Approach to Standards Implementation

Describe any data standards or process standards that are used in the collection and maintenance of the cadastral data. The Federal Geographic Data Committee (FGDC) Subcommittee on Cadastral Data Content Standard, FGDC Spatial Data Metadata, Assessment formats and standards, and spatial quality standards are example of standards that may apply to the cadastral theme.

4.3 Priorities

Priorities should be identified based on the needs of federal, state, local, tribal, private sector, and citizen organizations. Describe criteria used for establishing the priorities. Priorities will probably be established based on a defined areas such as counties, or specific projects or needs. Provide a map of priority areas and identify which areas or projects have detailed plans.

4.4 Data Requirements and Stakeholders

Identify the data requirements that will be the primary drivers for determining the content and accuracy of data collection, improvement and maintenance. This should include identifying who the stakeholders are in each priority area and a brief description of their data requirements including their accuracy requirements. Some stakeholders may be data providers and others may be data consumers. Identify the cadastral data requirements that must be met to support applications or other needs of the stakeholders as a general description.

5. Detailed Project Plans:

Identify the areas for which detailed project plans will be developed. This will most likely be counties or groups of counties.

For Each Project Area (County or group of Counties)

5.1 Inventory and evaluation of existing data sets

- Identify areas of existing and missing cadastral data
- Document the content of information where it exists including PLSS corners (surveys and subdivisions), parcels (fee and non-fee), control, coincident boundaries, source metadata, and documentation on methods used to capture data.
- Identify cadastral data accuracy requirements for the project area
- Identify areas where existing cadastral data needs to be improved
- Evaluate reliability and topological validity, and content of data
- Determine what is needed to improve data (e.g., corner recovery and GPS, regional adjustment, additional data collection etc.)
- Identify areas where data from multiple sources should be integrated
- Develop an electronic status data base for cadastral data by township

5.2 Requirements to Complete Collection

- Describe the work required to complete initial collection
- Identify areas in which “up front” improvements can be implemented (e.g., corner recovery and/or GPS work)
- Estimate workloads
- Identify organizations, resources to perform work (staff, funding, training, equipment, contracting support etc.)
- Develop schedule for completing initial collection (match schedule to resources)

5.3 Continuing Improvements

Improvement of cadastral data for example topology, attribution, addition of minor subdivisions, improved accuracy, or adding attributes

- Describe the work required to improve the data
- Identify field work needed to address areas in which “up front” improvements can be implemented (e.g., corner recovery and/or GPS work).
- Estimate workloads
- Identify organizations, resources and costs to perform work (staff, funding, equipment, etc. include additional staffing, training, and contract support)
- Develop schedule for completing needed improvements (match schedule to resources)

5.4 Integration and Reconciliation of Cadastral Data

- Describe the level of integration and reconciliation that is desired. For example, reconciling parcel information for road and hydrography boundaries, or making a seamless parcel map of a state.
- Describe the work required to integrate and reconcile cadastral across boundaries such as from county-to-county or a state-wide coverage
- Document data requirements and procedures
- Estimate workloads
- Identify organizations, resources and costs to perform work (staff, funding, equipment, etc. include additional staffing, training, and contract support)
- Develop schedule for completing data integration (match schedule to resources)

6. Maintenance:

6.1 Requirements

Describe the maintenance requirements including frequency of maintenance, currency of all data, and periodic linkages to external data sets

6.2 Strategy

Describe the strategy for accomplishing the required maintenance. For example, maintenance being done on a transactional basis as a part of recordation activities or updating attributes as a part of the tax cycle.

6.3 Identify procedures

Describe the procedures that will be used to accomplish the strategy. These can be described generally. Identify any missing tools or software what are needed to fully deploy the strategy. Identify any missing standards that may be needed to accomplish the strategy. Identify any organizational or intuitional requirements to meet the strategy.

6.4 Identify roles and responsibilities

Identify the primary custodians for data maintenance and describe how they would interact with one another. Identify any gaps that may exist to accomplish identifying clear custodianship and data stewards.

7. Funding for a Cadastral Data Infrastructure:

7.1 Estimate of the Total Investment in This Theme to Date:

7.2 Estimate Current Budget Contributions by Sector:

- local
- state
- federal
- tribal
- private

7.3 Estimate of Investments Needed to Complete This Theme:

7.4 Estimate Costs for Maintaining Cadastral Data:

7.5 Describe Strategies to Address any Funding Gaps:

8. Related Projects/Initiatives and Dependencies:

9. List of Contacts:

