Project Startup Report

Submitted to Large Project Oversight on 07/01/2020

GENERAL INFORMATION

Project Name: Statewide Parcel Dataset

Agency Name: North Dakota Information Technology

Project Sponsor: Terry Traynor

Project Manager: Jacob Chaput

PROJECT DESCRIPTION

During the 2017 GIS Users Conference there was a "North Dakota Statewide Parcel Dataset Panel Discussion" during which the benefits to the State of North Dakota and its cities and counties were discussed. On the recommendation of the Game and Fish Department, North Dakota Information Technology submitted a request to build a statewide parcel dataset. The parcel data would be utilized by a land access system to be used by hunters and landowners (SB2315). The funding request was successful.

Nearly all North Dakota counties have parcel data in various formats and accessibility. The project will aggregate existing parcel data from counties that voluntarily provide that data. Parcel data will be developed for the few counties that do not have any. During the aggregation and development of the parcel data, maintenance workflows will be identified and refined. These workflows will be used after the project is complete to ensure continual maintenance of the statewide parcel dataset.

BUSINESS NEEDS AND PROBLEMS

Diverse and varying business processes within state agencies increasingly rely on property boundary and ownership info to facilitate the fundamental needs such as calculating land value and assisting in contacting the landowner. Currently, county data is maintained independently and county providers service data requests utilizing their own staff. Some counties may have existing manual processes that can be automated with one, statewide process.

PROJECT BASELINES

Project Start Date	Baseline Start Date	Baseline End Date	Baseline Budget
07/01/2019	07/01/2020	08/11/2021	$589,985

Notes:

All project work expected to be complete by 6/30/2021 with up to 30 days allowed for final acceptance.

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OBJECTIVES

Business Objective	Measurement Description
Data needs to have complete coverage across the state. The locational need for this data can occur anywhere in the state.	At project completion, all 53 counties are contributing data to the statewide dataset
One layer for data instead of 53 (one for each county).	At project completion, all boundary geographies will be common to one table (layer)
Common set of field names and field values.	At project completion, a minimum domain of common field values and common field names will exist across the entire data set.
Data needs to be updated on a set schedule.	At project completion, a regular data update cycle and documented data update workflow process will exist for each county.
Data will be available via download and web services.	At project completion, data will be publicly available for download and via streaming service from the GIS Hub.

KEY CONSTRAINTS AND/OR RISKS

Project Constraints

- Limited staff availability for 100% participation in the project.

Risks

- Lack of Counties participation
- Counties needing parcel development unable to provide scanned plat map books
- Pilot studies uncover unknown input data issues
- COVID-19 Pandemic impacting processes and causing delays