

SUCCESS STORY

▶▶▶ CREATING A MODERNIZED GIS FOR NEBRASKA'S LARGEST COUNTY

PROBLEM

Washington County, Neb. was seeking to modernize and implement a geographic information system (GIS) to provide better inter-government collaboration. In addition, converting and creating parcels was needed to provide accurate and updated layers for the new system. Officials with the county looked to Applied Data Consultants, Inc. to help provide by solutions.

SOLUTION

ADC converted the County's parcels from AutoCAD files. Parcels from the City of Blair were available in GIS format and were incorporated into the Washington County system. The remainder of the County's parcels were scanned and digitized from provided plat maps or COGOed from legal descriptions.

ADC worked closely with Washington County to develop a PIN attribution and Parcel Maintenance procedures and tools. In addition, ADC, in conjunction with the County, worked to assess the work process and develop layers and tools that assist users in the completion of their daily tasks. ADC also linked the attributed parcel layer to the County Assessor's TerraScan database.

Further, ADC developed and integrated basic GIS layers into a preliminary GIS system for use throughout the County's departments. These basic layers include road centerlines, hydrology, registered wells, fire districts, school districts and SID's. These layers have been procured from outside sources where possible and generated by ADC where needed.

RESULTS

Washington County now has a current and robust GIS system that allows for inter-departmental collaboration and communication. Throughout the project, ADC worked closely with the County to ensure that they remained informed and comfortable with the progression of the work. This close working relationship between ADC and Washington County, along with the in-depth training that was also provided, ensured Washington County's full ownership of their GIS system.

