

Abstract

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From Mylar to Digital: Converting Parcel Maps

Track: Cadastral and Land Records

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In 2002, the Jefferson County, Colorado, Assessor's Office successfully completed the conversion of its 1,300 ink-on-Mylar parcel maps to digitally-generated GIS mapsheets. This conversion was completed without significantly interrupting day-to-day GIS operations. New tools (menus, AMLs, etc.) and procedures were introduced throughout the transition period, while leaving existing GIS tools in place. Project steps included annotation database design, annotation capture, conversion from 33 township-wide coverages to 1,300 mapsheet coverages, and development of processes for mapsheet tracking, check-out/in, mapjoining/pullapart, and map generation, while ensuring maintenance of proper topology and edgematching between sheets, and the flexibility to easily change mapsheet extents.

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