Abstract

Oakland County Converts Utility Infrastructure Data to ArcGIS Geodatabase
Track: Water, Wastewater, and Stormwater
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The Oakland County Drain Commission (OCDC), Michigan, is responsible for managing water, sewer, and drainage infrastructure for much of Oakland County. OCDC has developed an ArcGIS geodatabase design to support all of its infrastructure features and those of other utilities within Oakland County. This paper will discuss the initial conversion of OCDC's infrastructure data from paper and CAD formats into ArcGIS format. It will also discuss the conversion procedures, ArcGIS conversion tools, and QA/QC process. Finally, this paper will highlight the issues encountered during the initial conversion and discuss the solutions employed by the conversion team.

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