

Abstract

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Development of a Colorado NSDI Transportation Layer

Track: Transportation

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CDOT's Local Road Mileage Certification Program develops information used to apportion gas tax receipts to local governments for road maintenance. For the last 20 years, CDOT has used ESRI software to annually update statewide GIS layers of local roads and city limits for the 64 Counties and 266 Municipalities in Colorado. For the past two years, CDOT has encouraged local agencies to provide digital road centerline and boundary data for use in the update, and 10% of Colorado's

local governments have already done so. Based on the successes achieved, CDOT plans to organize a Colorado Local

Roads Data Consortium to develop standards for local roads data content, structure and coding; and design mechanisms to facilitate data exchange and shared data maintenance. Through this group, and with the support of the Colorado I-Team, CDOT plans to author an NSDI Transportation layer, featuring local data stewardship, where available, and statewide area

integration by CDOT.

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