

Abstract

Feature Generalization for Smaller Scale Map Production

Track: Cartography and Map Production

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This paper presents several tools developed to modify geographic features, so that the symbology is still readable when the scale of the map is reduced. Included are tools for collapsing sections of double-line streams and lakes into single line drainages based upon width and perimeter requirements, lengthening underpasses to accommodate overlying road casing, aggregating cultural features into points, offsetting point features from linear features, and aggregating small polygons into larger polygons.

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