

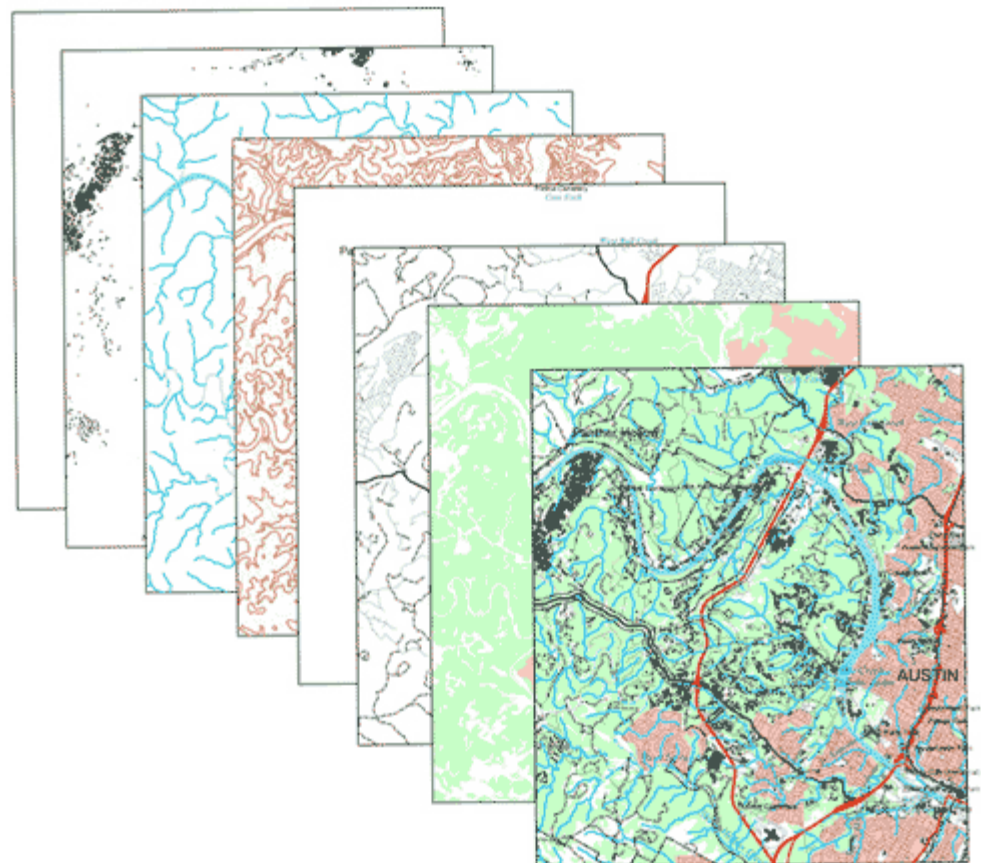
Layers

- Hydrography
- Hypsography
- Transportation
- Land Use/Land Cover
- Man-Made Structures
- Annotation
- Parcels
- Vegetation
- Easement
- Spot Elevation

A **basemap** is a series of planometric and topographic GIS layers used as a foundation for building specific theme maps for analysis and other purposes. Basemaps can be created in many different formats, projections, designs and data types depending on the end users needs. It's important to properly plan the detail, feature sources, symbology, color scheme and layers before constructing a basemap. Much data preparation and processing is necessary to fulfill the basemap design plan.

GDMS offers a wide range of digital basemap products based on varies source materials including aerial ortho-photos, hard copy published maps and existing GIS data. The basemap design process begins with a client needs assessment, research and planning. Basemap production involves scanning, digitizing, feature attribution, georeferencing, layer compilation, cartographic styling and final product plotting. The client can then use the custom designed basemap as boiler plates for presentations, analysis, navigation and planning.

GSA U.S. General Services Administration



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