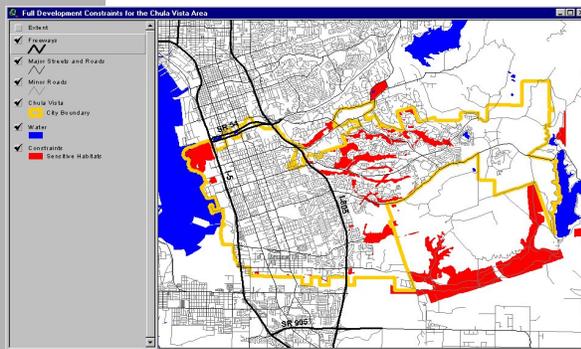


Maine Department of Transportation Statewide Travel Demand Model

The Maine Department of Transportation is in the process of developing a statewide travel demand model linked to a Geographic Information System (GIS). The travel demand model provides a standard forecast of statewide traffic growth that can be used to evaluate capital improvement projects and as inputs for air quality analysis. The Maine model is somewhat unique in that it addresses recreational travel patterns that lead to peak traffic and congestion during the summer tourist season. Development of the model required combining an initial, relatively simple statewide model with four existing models for Metropolitan Planning Organizations. GIS was instrumental for combining the existing model networks into a unified statewide model with common format and coding conventions.



SANDAG's Multiple Species/Habitat Conservation Programs and Transportation Planning

Planning for transportation facilities in a region that has nearly 200 threatened or endangered species is a major challenge for San Diego Association of Governments. Many conflicts arise from pressing demands to accommodate growth while preserving natural habitats. The region has launched a massive effort to complete multiple jurisdiction, multiple habitat, and multiple species conservation programs. These programs are responsible for the development and management of extensive biological and land management databases. GIS was chosen as the best method for maintaining and analyzing these data. By maintaining continuous and comprehensive habitat conservation programs, the region's transportation planners have access to timely and accurate environmental data.

CASE STUDIES ARE AVAILABLE...

On the Internet at:

<http://www.bts.gov/tmip/gis.htm>

On CD-ROM:

(available April 1999)
Through TMIP Order Form
http://www.bts.gov/tmip/order_form.htm

FOR MORE INFORMATION

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