

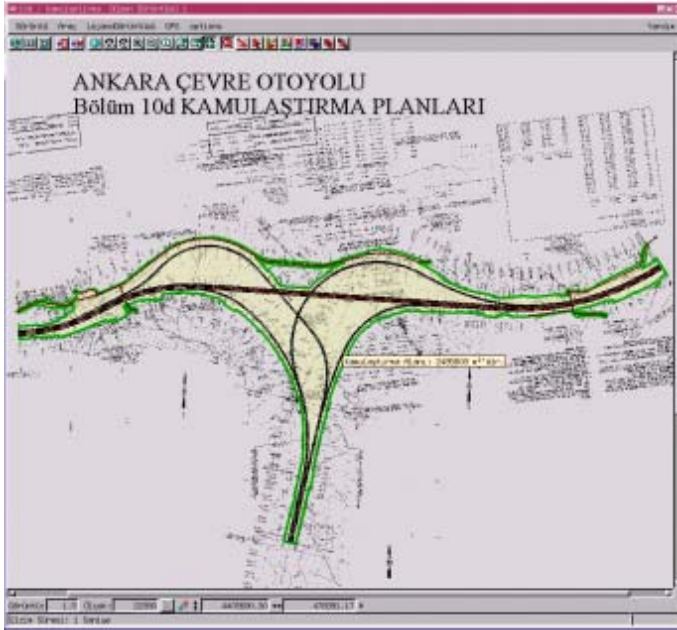
Highway Design Maps of Ankara, Turkey

Another Large Project Completed Using TNTmips

33,000 Map Sheets

The Turkish General Directorate of Highways contracted for the reduction of 33,000 “as built” engineering design sheets to digital form using TNTmips. This project was contracted to HAT - Geographical Information Systems and Trade, Inc., a MicroImages independent Reseller in Turkey. It covers about 15% of the area of Turkey and was completed in 6 months.

The as-built drawings, were scanned, digitized, assembled, and utilized in electronic form. Associated database information was prepared and attached.



This project and the use of these maps is colorfully illustrated in an HAT color brochure in both English and Turkish. The 2 pages of this brochure discussing this project and entitled GENERAL DIRECTORATE HIGHWAYS are attached.



The complete brochure illustrating many HAT projects complete with the TNT products can be reviewed at www.hatgis.com.tr/dosyalar/brosur/HatBrochure.pdf.

GENERAL DIRECTORATE OF HIGHWAYS

General Directorate of Highways - 4th Regional Division Preparation of Highway Information Systems Using Geographic Information Systems

This project was contracted and completed by HAT, Inc., in 2000 for the Gumusova-Gerede, Gerede-Ankara and Ankara Peripheral Highway sections that are in the 4th Regional Division. The project, which has been incorporated in a Geographic Information System, consists of 450 km of highways with the connection roads, culverts, barriers, traffic signs, landscapes, and expropriation areas.

A total of 33000 map sheets were used in the project. A digital inventory and the database containing road attributes were created for the roads mentioned. Map sheets that contain detailed information are linked to the corresponding locations in the project. The project was finished in 6 months.

The project included converting data to digital format, training and the software-data setup process, which was completed in collaboration with the 4th Regional Division. Furthermore, updating the project, sharing the data from an intranet, and securing the data for different user privileges is complete. The project, which was finished by the end of 2000, is the only Highway Information Systems project, and the largest GIS project when the size of the data produced and incorporated are considered, in Turkey.

Now that the project is complete, it is possible to fulfill the requests of various agencies for hardcopies and CDs in a short period of time.



