



## Project Summary

### Photogrammetry

#### PROJECT NAME AND LOCATION

Jefferson Avenue  
Fairport, NY

#### PERFORMANCE DATA

Total project fee: NA  
Project completed in 2 months in August 2006

#### OWNER INFORMATION

NYS Department of Transportation  
Rochester, NY



#### **KEY PROJECT FEATURES**

- Mapping was completed in less than 2-month to meet an accelerated project design schedule.
- Stringent NYSDOT metric design scale mapping specifications were mandated by client.
- Flight planning, image capture, and selection of photo control was complete within a 14-day period.

When the New York State Department of Transportation awarded LaBella Associate, PC the engineering for the rehabilitation of Jefferson Avenue in the Town of Perinton, NY, LaBella Associates called on EA Maps LLC to provide the base mapping for the project. The staff at EA Maps had successfully completed over 20 aerial mapping projects for LaBella during the past ten years. They had come to trust our ability to meet schedules, adhere to budgets and deliver a full array of highly accurate digital mapping service. For this particular project the designers needed 1:250 metric scale mapping with a Digital Terrain Model (DTM) suitable for generating .25-meter contours.

EA Maps prepared a flight plan and obtained new black and white aerial imagery. Photo identifiable primary control stations were selected and survey teams from LaBella Associates establish horizontal and vertical control for orientation of the photography. In an effort to save both expensive survey costs and time, EA Maps used softcopy aerial triangulation techniques to generate the secondary control for the individual picture pairs or models. The New York State Department of Transportation has some of the most stringent digital compilation specifications in the nation. EA Maps was able to produce the base mapping in total compliance with the NYSDOT standards. Following a very rigid quality assurance process, the mapping was delivered on time and within budget in both hard copy and MicroStation V8 formats.