

# GIS Specialist for Incident Management Training

## Transportation Map Workflow Process

### *Unit Objectives:*

By the end of this unit the students will prepare an incident Transportation Map using Incident Command System (ICS) standards.

### *General Workflow Process:*

- 1) Prepare the data
- 2) Symbolize the data
- 3) Keep the map simple, but show everything that is needed

### *Product Objective:*

The objective of the *Transportation Map* is to provide incident staff guidance on getting to and from the incident in a safe manner.

### *Specific Instructions:*

- 1) Build the data
  - a) A visitor map image can make a nice base.
  - b) Road layer
    - i) Classification in data
    - ii) Have field observers (FOBS) collect GPS track to identify routes to incident
  - c) Clarify road names, the local name and the name on the sign can be different
  - d) ICS points
    - i) Staging areas
    - ii) Drop points
    - iii) Division/Branch breaks
    - iv) Camps
    - v) ICP
    - vi) Water sources
  - e) Latest perimeter

- 2) Symbolize the data
  - a) Black and white to aid photocopying
  - b) Use road name attributes to automate road numbers
  - c) Avoid clutter
  - d) Show minor/non critical roads in gray
  - e) If the incident may be highlighted better with a polygon fill.
  - f) Add text for landmarks or critical turns
  - g) STAND
  - h) A vicinity map will enable use as a travel map to the ICP from elsewhere
- 3) Keep it simple
  - a) Photocopy a print to verify readability
  - b) Move labels to avoid conflict
- 4) Work with the Situation Unit leader to resolve any issues