

## **A Few Questions**

1. Determine the area of Westfield that can be reached from the three existing fire stations in 4, 8, 12, 16, and 20 minutes.
2. Westfield is considering closing the station in the south-eastern part of town. Calculate the new response times across the city from the two remaining fire stations.
3. How do you interpret these response time changes?
4. Consider the flaws and limitations of your analysis and suggest improvements.

*Consider that the national standard calls for fire trucks to respond within 5 minutes 90 percent of the time. Also consider that sudden cardiac arrest victims tend to have only about 6 minutes!*

## **Deliverable**

- No map!
- Has to fit onto 1 single sheet of 8.5 by 11 paper, printed in black-and-white.
- Has to include the actual data.
- Has to include a visualization of the data.
- Has to be understandable for the average person.

## **A Few Tips**

- Create a flowchart of your anticipated analysis procedure *before* clicking away on the keyboard.
- Watch your units and coordinate systems.
- You obviously need to load the streets network data set to your map, but you do not need to display it – that way you do not need to wait for it to redraw constantly.

## **Due Date**

- As arranged.

➔ *Contact me for help or clarification of this assignment or my expectations as needed.*