

Name: \_\_\_\_\_

## Reading Comprehension: Job of the Future

**Directions:** Read the story “The Road Ahead” (page 26). Then answer the questions below.

- Which of the following are transportation engineers not likely to work on?
  - high-speed rail systems
  - timing of traffic lights
  - rules of conduct for bus riders
- Transportation engineers develop transportation *infrastructure* that runs smoothly, is cost-efficient to use, and is safe for travelers. *Infrastructure* is
  - a passageway
  - the basic structure or features of a system
  - a budget-setting process
- Transportation engineering is a promising field because
  - transportation-related projects are a priority in the U.S.
  - qualified workers are in short supply
  - both of these
- Which of the following is an important consideration for engineers in their work on constructing bicycle lanes in a city?
  - availability of bicycles at a reasonable cost
  - public campaigns about the fitness benefits of bicycling
  - availability of parking for bicycles
- If citizens express a concern about the way a signal is operating in a major intersection, what would a traffic services professional such as Alyssa Reynolds generally do first to respond to the problem?
  - conduct a traffic study
  - change the signal timing
  - add signage to the intersection