

# ASCE Young Member Event

Trivia – Round Two (Civil  
Engineering focus)

1. (Geotech) What are the state soils of Iowa and Illinois, according to USDA?

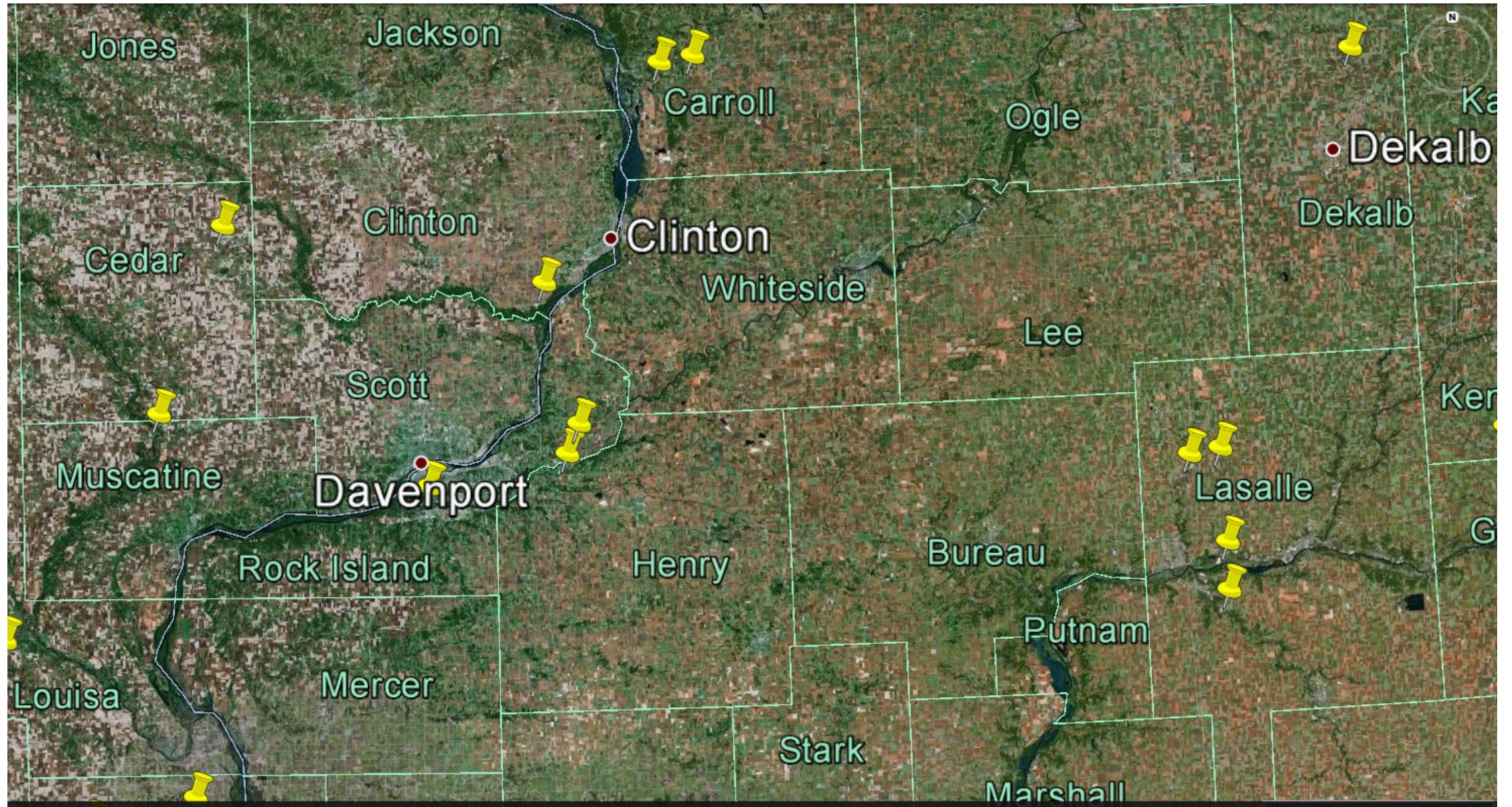
a) Glacial Till (Iowa) and Wisconsinan Drift (Illinois)

b) Loess (Iowa) and Prairie (Illinois)

c) Tama (Iowa) and Drummer (Illinois)

d) Muscatine (Iowa) and Fayette (Illinois)

## 2. (Geotech) What do the yellow pins represent?



3. (Transportation) What does MPO stand for and what is the MPO of the Quad Cities?

4. (Transportation) What was the name of the last surface transportation bill that passed Congress?
- a) SAFETEA-LU
  - b) MAP-21
  - c) The Ray LaHood Act
  - d) TEA-21

5. (Structures) What Quad City building achieved US Green Building Council's LEED Platinum Certification, a first in Illinois?

- a) John Deere Headquarters, Moline
- b) Martin Luther King Jr. Community Center, Rock Island
- c) Riverfront Campus, Western Illinois University, Moline
- d) KONE Centre, Moline

6a. (Structures) This bridge is found within ASCE Quad City Section boundaries. Is it in Clinton IA, Dixon IL, or Galesburg IL?



6b. (Structures) This bridge is found within ASCE Quad City Section boundaries. Is it in Savanna IL, Clinton IA, or Muscatine IA?





6c. (Structures) This bridge is found within ASCE Quad City Section boundaries. Is it in DeWitt IA, Sterling IL, or Clinton IA?



7. (Water Resources) What FEMA flood zone is considered the highest risk?

a) A

b) B

c) C

d) X

8. (Water Resources) What is the chance of a property getting hit by a 100 yr flood over a 30 year mortgage period?

a) 0.3%

b) 1%

c) 26%

d) 30%

9. (Environmental) The ASCE Quad City Section consists of Iowa counties of Scott, Muscatine, and Clinton or the Illinois counties of Rock Island, Mercer, Carroll, Whiteside, Lee, Henry, and Knox. How many superfund sites reside in this area?

a) 0

b) 3

c) 6

d) 9

10. (Environmental) According to the City of Davenport website, the type of secondary treatment used at the wastewater treatment plant that serves the Iowa side of the Quad Cities is:

- a) Activated Sludge
- b) Trickling Filters
- c) Rotating Biological Contactors
- d) Membrane Bioreactor