



SUMMIT COUNTY ENGINEER

MINIATURE BRIDGE BUILDING COMPETITION MENTORING PROGRAM

The SCE MBBC Mentoring Program provides the Summit County Engineer and sponsoring engineering consulting firms an opportunity to showcase the multi-faceted world of Civil Engineering. Teachers and students can explore a variety of options to experience first hand the cutting edge technology of a career in Civil Engineering and the significant impact it has on the quality of our lives from day-to-day. We invite you to take advantage of the many options listed below:

- Bring Civil Engineering into your school or classroom through presentations, videos, web sites, and hands-on problem-solving facilitated by your professional engineers.
- Hold a Bridge Building Seminar at your school.
- Experience first hand a miniature bridge building presentation and testing demonstration in your classroom or auditorium.
- Have a student be an “ENGINEER FOR A DAY” at a participating engineering firm and experience the multi-faceted profession of civil engineering first-hand.
- Have a student be an “ENGINEER FOR A DAY” at the County Engineer Office and experience civil engineering through eyes of the public sector, and learn first-hand how this Agency serves the citizens of Summit County.
- Participate in a work-study program at a participating engineering firm.
- Compete with fellow students at a Civil Engineering Project Challenge Day – Student teams are given a Civil Engineering project/problem and are to search for clues by going to various offices and departments at a sponsor’s firm, researching, obtaining information to build the project and/or solve the problem (Prizes will be awarded to the students for their efforts).
- Visit construction sites to explore a Civil Engineering project in progress, and experience the evolution of a project from a plan on paper through its various phases of construction toward completion.
- Take a bridge tour of the structures that are also creations of applied Civil Engineering components, and then compare and contrast the types of bridge structures, designs, and aesthetics.
- Request a Sponsor to participate in your Career Day activities.
- Participate in summer employment opportunities offered by Sponsors.

Additional information is available through Alan Brubaker, P.E., P.S., Summit County Engineer (Attention: SCE MBBC), 538 East South Street, Akron, OH 44311, or (330) 643-2850, or by contacting Denise Longstreth at: dlongstreth@engineer.co.summit.oh.us .