Franklin County Landmarks

1861 - Ohio Statehouse **1887** - Ashbrook Road Covered Bridge
1898 - Wyandotte Building **1908** - Griggs Dam
1908 - Scioto Water Plant **1922** - Ohio Stadium
1926 – Palace Theater **1927** - Leveque Tower
1928 - Ohio Theater **1929** - Port Columbus Airport
1937 - Jackson Sewage Treatment Plant **1955** - Hoover Dam
1956 - Cremean Water Plant **1962** - I-71
1964 - I-270 **1967** - Southerly Sewage Treatment Plant
1974 - Rhodes State Office Tower **1978** - One Nationwide Plaza
1984 - Huntington Center **1988** - Vern Riffe Center
1989 - Wexner Center for the Arts **1992** - Broad Street Bridge
1993 - Columbus Convention Center **1998** - Schottenstein Center
1999 - New COSI Museum **2000** - Nationwide Arena
2001 - Beach Road Bridge (see below) **2003** - Lane Avenue Bridge (see inside) **2004** - Union Station Place over I-670
2009 – Huntington Park **2010** – Main Street Bridge

E is for Education

The Franklin County Engineer's Office is committed to Education within our schools and universities. We provide staff that lecture on engineering and transportation related topics, as well as participate in Career Day activities, science and math fairs, and the Learning for Life Program. At the college level, internship opportunities are offered for those majoring in Civil Engineering. 4-03-7-11

Reach for New Horizons

Best wishes to you in all your life's academic and career pursuits. We greatly appreciate your interest in Civil Engineering. For additional information, check out our Web site and college links or contact us:

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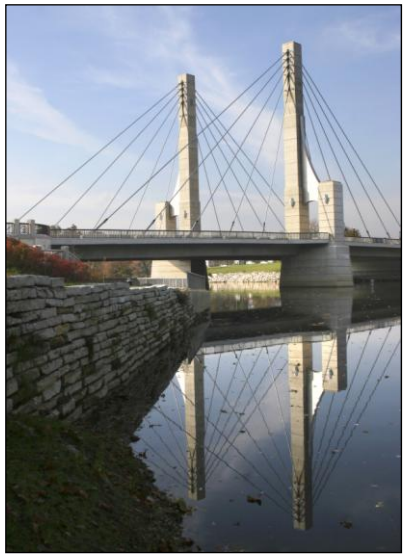
www.franklincountyengineer.org

Civil Engineering Career Ahead

Start building your future today!

Dean C. Ringle, P.E., P.S.
Franklin County Engineer

Civil Engineer *n*



One skilled in the planning, design and construction of roads, bridges, buildings, airports, dams, canals, tunnels, waterworks, and sewers.

Webster's Dictionary

A Mighty Task

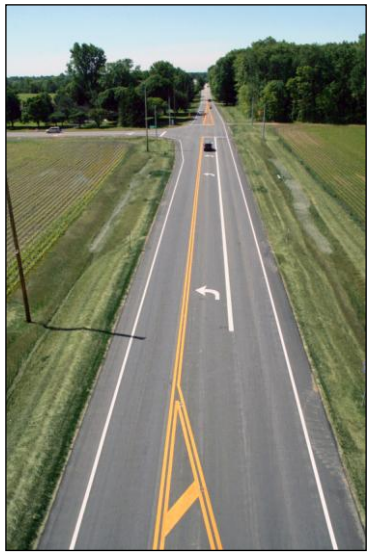
Civil Engineers build the facilities that supply the services essential to our daily quality of life. From roads and bridges, and water and sewer systems, to the buildings that make up our communities, Civil Engineers are the developers and overseers of our modern civilization and they're preparing plans for the future.

From Ancient Egypt

Throughout history, Civil Engineers have played a major role in everyday society. In the beginning, early practitioners built great edifices like the pyramids of Egypt (2700 B.C.), temples of ancient Greece (440 B.C.), Great Wall of China (221 B.C.), aqueducts and highways of the Roman Empire (100 B.C.) and the cities of the Aztec, Maya and Inca of Mexico and Central and South America (200 A.D.). In more recent times, Civil Engineers have built some of the great wonders of the world here in the United States. These projects include the Transcontinental Railroad (1869), Brooklyn Bridge (1883), Empire State Building (1931), Hoover Dam (1936), the Interstate Highway System (1956), and Sears Tower (1974).

Our World Needs YOU!

There is an ever-growing need for students to enter the field of Civil Engineering. Without the Engineers of tomorrow, we cannot continue to address many of the technological and social problems that face our world. Challenging our ways of life and mere existence are needs for improved nuclear and toxic waste disposal, garbage recycling, water purification and delivery, sewage treatment, housing, transportation, and energy development.



The Right Stuff

To become a Civil Engineer, one must have a strong proficiency in English, Math, Science, Computers, and analytical problem solving. Educational requirements include a Bachelor of Science Degree from a four-year accredited Engineering college and continued technical training. Those wishing to obtain a Professional Engineer's License in Ohio must take the qualifying "Fundamentals of Engineering Exam." Successful candidates are then designated as "Engineering Interns." Following four years of practical experience, they are eligible to take the final exam to become licensed as a Professional Engineer.

Minds of Asphalt, Concrete & Steel

To learn about the various engineering programs offered in Ohio, we urge you to contact these accredited schools:

- Case Western Reserve University
- Cleveland State University
- Ohio Northern University
- Ohio University
- The Ohio State University
- University of Akron
- University of Cincinnati
- University of Dayton
- University of Toledo
- Youngstown State University

Where We Work

In Greater Columbus' government sector, Civil Engineers are employed by the County Engineer's Office, Ohio Department of Transportation, Mid-Ohio Regional Planning Commission, Metropolitan Park District, Ohio Department of Natural Resources, Ohio Public Works Commission, City of Columbus Division of Engineering and Construction and other municipal engineering and public works departments.

Private sector positions are with consulting firms, construction companies, developers, utilities and manufacturers.