

I N D I A N A

COLLINS
ENGINEERS P.C.



Collins was retained to design a high level bridge over the Chicago Sanitary and Ship Canal, the BNSF Railroad, and the Illinois and Michigan Canal.



Collins was retained by the Indiana Department of Transportation to perform underwater investigations of almost 400 bridges throughout the state in all six districts.



Collins prepared designs and drawings for a tied back soldier pile earth retention system. The excavation was 38 feet deep with one wall approx. 20 feet from an existing parking garage. A concrete facing was used as the excavation was to be open for two years. Collins also performed all proof and performance testing to PTI requirements.

COLLINS ENGINEERS, P.C. CHESTERTON, INDIANA

In April 2001, Collins Engineers, P.C. opened its doors in Chesterton, Indiana to service the Indiana and Kentucky marketplace. However, nationwide, Collins is proud to have been involved in many exciting and complex projects over the past 25 years.

Collins is an innovative engineering firm with the knowledge and ability to provide professional engineering services related to design, inspection, assessment, rehabilitation, industrial and municipal engineering and project planning.

Collins' size guarantees personal involvement and supervision by senior engineers on all projects. In addition to being assured of who will be performing the work, Collins' clients are assured completion of projects on schedule and within budget. Collins also works with its clients to develop concepts and ideas into workable and economically feasible designs, whether it be a new facility or the rehabilitation of an existing facility.

Collins Engineers, P.C. is excited about providing engineering services locally to improve the quality of life in Indiana and Kentucky. We are here to serve you and would appreciate the opportunity to consult with you on your engineering needs.

STRUCTURAL ENGINEERING

Collins' team of registered Professional Engineers includes veterans of such industry sectors as heavy manufacturing, maritime, railroad and transit, consulting, and construction. These diverse qualifications provide Collins with the flexibility to tackle small and unusual assignments, as well as mainstream structural design projects.

Collins is proud of the quality of work it produces and believes our high percentage of repeat clients attests to the caliber of our project staff.

Collins' engineers are active participants in local, national, and international technical organizations including the American Concrete Institute (ACI), the Association for Iron and Steel Technology (AIST), and the American Railway Engineering and Maintenance of Way Association (AREMA). Our engineers are registered in over 30 states, and are also qualified to perform fracture critical inspections, weld inspections, magnetic particle testing, dye penetrant testing. Additionally, they are experts at concrete and steel repairs.



Collins has worked extensively with the U.S. Navy and U.S. Coast Guard, conducting more than 8,000 above and below water facility evaluations, many of which included design of repairs or replacements.



Collins was retained by Marathon Ashland Petroleum to inspect and review the main structural support steel for five coke drums and four platforms to determine the extent of the deterioration of the steel and to determine the existing load carrying capacity of the steel.



Collins performed steel detailing and scaffolding/formwork design for the architectural appurtenance at the roof of a condominium, a three-story stair tower, and a catwalk between the towers of the building. Collins also provided construction method alternatives for the contractor during construction.

WATERFRONT FACILITIES

Collins' staff of civil and structural engineers has developed experience worldwide in waterfront facility inspection, construction support, analysis, design, and rehabilitation, working in both private facilities and military installations. Collins delivers a cost-effective match of structural engineering, site development and underwater/coastal inspection expertise on diverse projects ranging from planning and site investigation to design and construction inspection. Diverse qualifications and an awareness of special client needs allow Collins the flexibility to tackle small and unusual assignments and site work, as well as large structural design projects.

UNDERWATER ENGINEERING

Collins is a pioneer in the field of underwater engineering, and, in particular, the use of professional engineer-divers for inspections. Since 1979, Collins has performed thousands of underwater facility evaluations, many of which have included design of repairs or replacements. As experts in the field, Collins' engineer-divers are in a unique position to immediately assess the condition of underwater structures.

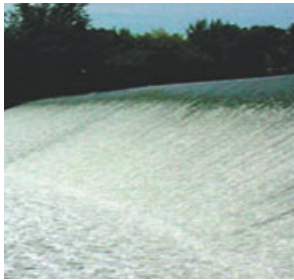
CONSTRUCTION ENGINEERING

Collins has provided engineering services to contractors throughout the United States. Our employees understand the contractor's need for practical solutions, often developed to meet very tight schedules. We understand the applicability and limitations of various codes, and create custom solutions to construction problems. A few of the services we provide to contractors include the design of shoring, excavation support systems, cofferdams and falsework, in addition to evaluation of construction loads on structures, troubleshooting, and preparation of alternate designs.

Collins understands the need for practical, customized answers to each client's specific problem; we provide 'custom fit' solutions.

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Collins Engineers, Inc. is a civil, structural, water resources, and underwater engineering firm established in Chicago in 1979 to provide engineering services to various private and public clients. The initial expertise of the firm was in the areas of structural and transportation analysis, design and underwater engineering. Over the years, the firm's ability to provide additional engineering services has evolved. Experienced professionals have joined Collins providing a host of additional abilities and diverse expertise in the planning, design, construction engineering and condition assessment of a large variety of civil engineering systems and related works.



I N D I A N A

For additional information please contact our Regional Office in Chesterton, Indiana:

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