

LESLIE E. THOMPSON, P.E.

EDUCATION: Bachelor of Science in Civil Engineering – 1973

REGISTRATION: Registered Professional Engineer, State of Ohio – 1977
Also registered in Missouri, Louisiana, West Virginia,
Pennsylvania, Mississippi, Tennessee, Michigan, Colorado,
District of Columbia, and Virginia.

Summary Of Qualifications:

I have over 40 years of experience providing civil engineering services in planning, detailed design and construction administration. My professional experience includes being the President of an engineering consulting firm for 12 years, where I initiated and directed the firm's design activities for various public and private clients. My project experience includes site development, street geometrics, grading, storm drainage, water and waste water collection and conveyance systems, traffic signals, highway and airport design and wetland and stream mitigations.

PROFESSIONAL EXPERIENCE:

(2012-Present) American Electric Power, Engineer1, Supervisor

- Supervise Technician Group for Transmission Engineering Department

(2011-2012) American Electric Power, Environmental Engineer

- Review and prepare Storm water Pollution Prevention plans

(2011) Leslie E. Thompson, P.E., President

- Consulting for paving, water, site development and zoning projects, including design, estimating, planning and marketing.

(2011-2009) Star Consultants, Sr. Project Manager

- Responsible for Civil Engineering design, storm drainage, pavement designs, utility designs, cost benefit analysis, life cycle analysis, and cost estimating.
- Project Manager for four(4) Ohio National Guard Parking Lot rehabilitation projects. Designs included complete removal of pavements, sub grade stabilization, new storm sewers and structures, new paving lighting and regarding.
- Project Manager for the Paving Renovation project at North Central State College in Mansfield and Shelby ,Ohio. The project included the repaving of four parking lots, the replacement of the entrance drive at Shelby, new storm sewers and grading.
- Project Manager for the Rehabilitation of the Water Main System for Wright State University in Dayton, Ohio. The project began with a modeling of the water system to determine capacity and fire flows and progressed to the

design of 20,000 linear feet of new and replacement water lines and services along with 50 new fire hydrants.

2009-2008) Chester Engineers Sr. Project Manager

- Civil Engineer/Project Manager for modeling and report preparation for the flushing and cooling water systems at the City of Columbus' Jackson Pike Wastewater Treatment Plant. The system included pumps, towers and several interconnected systems for distribution. We also modeled and balanced the potable water system.

(2008-1999) Kabil Associates, Sr. Project Manager

- Civil Engineer/Project Manager for the Adena Memorial Museum renovation for the Ohio Historical Society. The scope of work involved extensive design for site development including roadway, utility extensions, drainage, bridge and sensitive development of the site. A masterplan was prepared and ultimately the construction documents were prepared for implementation of the design.
- Civil Engineer/Project Manager for the new Physical Science Building at the Ohio State University. This \$50 million project required siting of building in a limited space with a loading dock, parking, utilities and intricate grading.
- Civil Engineer for Clinton Township alley reconstruction and storm sewer design to alleviate flooding over a three-block area, affecting residences and businesses. The scope of work involved roadway and storm sewer improvements.
- Civil Engineer for the Sewer Maintenance Operations Center renovation for the City of Columbus, Ohio. This project required extensive modification of infrastructure, including fire main loop, reconfiguration of roadway, entrance, parking, vehicular and pedestrian circulation, utilities and major modification of the site.
- Civil Engineer for the new Delaware County Administration Building for the City of Delaware, Ohio. This project required site analysis, demolition and earthwork. The scope of work included vacating an alley, utility relocation, installation of overhead utilities to under ground, easement adjustments and the development of a new utility plan for sanitary sewer, water service and storm drainage, storm sewer management, intricate grading at hilly site and plaza development.
- Civil Engineer/Project Manager for a wide variety of projects, including residential and industrial. Responsible for scheduling, cost estimating and client coordination. Supervision of all preliminary design. Responsible for field investigations and project analysis and final projections.

- Project Manager for 12 Elementary and Middle/High schools for the Columbus Public Schools. Scopes included grading, drainage, paving, utilities and construction administration.

Project Manager responsible for the design of several City funded projects ,including a Health Center , the renovation of the historic Lincoln Theatre and a fire station. The scopes all included parking, utilities and construction administration.

(1999-1995) Thompson and Associates, President/Sr. Proj. Manager

(1995-1991) Wilbur Smith Associates, Sr. Project Manager

(1991-1990) John Foster Associates, Sr. Project Manager

- **Other Experience Includes:**

(1981-1989)

Principal-in-Charge/President of L. Thompson Consultants, Inc. Initiated and directed the firm's design activities for various public and private clients.

Project experience included highway design, traffic signaling, airport layout and design, land reclamation, storm drainage, water/wastewater facilities, loading dock, underground storage facilities site development, street geometrics and grading. Activities included supervision and project management of construction drawings and specifications and cost estimates.

- Construction monitoring responsibilities include roadway, utility and environmental projects, cost benefits analysis and report preparation. Experienced in planning, scheduling, budget and design supervision.
- Project Engineer with extensive experience as a Design Engineer specializing in Civil and Environmental Engineering. Responsibilities include evaluations, conceptual planning, detail design, preparation of construction drawings and specifications, cost estimates and construction observations. Projects included roadways, traffic signaling, bikeways, bridges, airports, canal storm drainage, underground storage facilities, flow regulator structures and land reclamation.
- Specialized training in storm water management utilizing computer applications for flood determinations and hydrology.

Highly proficient in the use of HEC-I and HEC-II computer modeling programs written by the Corps of engineers.

- Strong background in Project Management and representation of clients at public hearings and intergovernmental meetings.
- Project Engineer for R. D. Zande & Associates, LTD. (1968 – 1981). Responsible for design of civil engineering projects in both the public and

private sector. Design projects included airports, roadways, subdivisions, industrial parks, storm drainage, land reclamation and waste/wastewater. Activities involved planning, design, preparation of construction documents and construction inspections.

- Project Manager responsible for all activities included in the design of a barrier wall, median, shoulder pavement and safety improvement on US 23 in Delaware County, Ohio for ODOT Highway Design Project (District 6). The design project included 1 1/4 mile of highway.
- Project Manager responsible for traffic study and design of intersection improvements at the widening of the Sawmill/Henderson Rd. intersection for the Franklin County Engineering Department, Columbus, Ohio.
- Project Civil Engineer for the Veterans Administration Medical Center. Project requirements involved the design of roadways, Hydraulic Design of storm and sanitary sewers, watermain lines and culvert for a new eight hundred-bed replacement hospital.
- Project Civil Engineer for the widening of 1.5 miles of Silver Street, a rural collector road for Granville Township, Ohio. Silver Street runs between two state highway routes from 17' to 20' with berms for safety. The profile was also adjusted for better sight distance. Pavement overlay and drainage improvements were included.
- Project Civil Engineer/Project Manager for the design of four (4) county airport runways and taxiways (Belmont, Holmes, Harrison and Perry). The scope of work included paving, drainage, lighting, pavement markings and signage.

COMMUNITY MEMBERSHIPS:

City of Columbus Graphics Commission Chairman
Ohio State University Minority Engineering Alumni Society
Past President