

JAMES T. SHERER, P.E.
Vice President and Principal

FIELDS OF EXPERTISE

Materials testing and engineering; geotechnical investigation and construction methods.

- ♦ FF/FL testing of slabs
- ♦ Moisture vapor emission of slabs
- ♦ Slab curling and prevention
- ♦ Concrete mix design
- ♦ Lime modification of soils
- ♦ Ground Penetrating Radar (GPR) of concrete and masonry
- ♦ Post-tensioned concrete inspection
- ♦ Project Oversight /Monitoring

REGISTRATION & CERTIFICATION

Professional Engineer: Indiana, PE60910011;

Illinois, 062-048613; Ohio, E-62559;

Kentucky, 20734; Michigan, 6201049880

- ♦ NRC Radiation Safety Trained
- ♦ OSHA 30-Hour Construction Safety Trained

EDUCATION

- ♦ BSCE Civil Engineering, Purdue University, 1982
- ♦ Trouble Shooting Concrete Seminar ACI-1994
- ♦ ACI 318 Building Code ACI-1999

PROFESSIONAL SUMMARY

Mr. Sherer is a Senior Principal Engineer for Patriot Engineering and Environmental , Inc. He has over 22 years experience as the engineer in charge of over 2,000 engineering and construction QA/QC projects. His experience on these projects includes highways, bridges, airports, office towers, industrial plants, hospitals, schools, power plants, prisons and commercial centers.

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineering
- American Concrete Institute (ACI)
- Indiana Chapter American Concrete Institute (Secretary/Treasurer & Board Member)
- ACI Committee 214, Evaluation of Concrete Strength Results
- ACI Committee 363, High Strength Concrete
- National Society of Professional Engineers
- ASTM

SELECTED PROJECT EXPERIENCE

PARKING GARAGES

- ♦ Virginia Avenue Parking Garage
- ♦ IUPUI Blake Street Parking Garage
- ♦ Indiana University North Parking Garage
- ♦ Tippecanoe County Parking Garage
- ♦ State Office Building Commission
- ♦ Eli Lilly Parking Structure #1
- ♦ Hancock County Memorial Hospital Parking Garage

INDUSTRIAL

- ♦ AK Steel - \$1.1 Billion
- ♦ Toyota Truck Plant - \$1.3 Billion
- ♦ Grain Processing Plant - \$600 Million
- ♦ GMC Truck/Bus Plant - Ft. Wayne, IN
- ♦ Eli Lilly Buildings 360/361/362
- ♦ Eli Lilly New Research Building 48
- ♦ GE Plastics - Mt. Vernon, IN
- ♦ Marathon Refiner - Robinson, IL

SCHOOLS

- ♦ Kokomo Consolidated Schools - \$60 Million

- ◆ Carmel High School Expansion - \$50 Million
- ◆ Franklin Central High School - \$45 Million
- ◆ New Ivy Tech College - Bloomington, IN
- ◆ Ball State University Art & Journalism Building
- ◆ Purdue University Visual & Performing Arts Building
- ◆ Three new Elementary Schools, Huntington, IN
- ◆ New Knightstown High School
- ◆ New Ivy Tech College - Richmond, IN

HIGH RISE BUILDINGS

- ◆ 52-Story Bank One Tower
- ◆ 32- Story Market Tower
- ◆ 21-Story First Indiana Savings & Loan Tower
- ◆ 19-Story Marriott Hotel
- ◆ 17-Story Westin Hotel
- ◆ New 20-story Marriott Hotel - Louisville, KY
- ◆ New 15-story Old National Bank - Evansville, IN

PRISONS

- ◆ Wabash Valley Correctional Facility
- ◆ Rockville Women's Prison
- ◆ New Pendleton Juvenile Correctional Facility
- ◆ New Castle Correctional Facility
- ◆ US Penitentiary - Terre Haute, IN
- ◆ New Wayne County Jail

AIRPORTS

- ◆ New Runway 5-23R at Indianapolis International Airport
- ◆ Main Runway Extension at Monroe County Airport, Bloomington, Indiana
- ◆ New Taxiway and Runway Widening at Shelbyville Municipal Airport
- ◆ Freeman Field Runway Overlay in Seymour, Indiana
- ◆ Fulton County Airport Runway Extension in Rochester, Indiana
- ◆ Main Runway Extension at Evansville Regional Airport
- ◆ Terminal Expansion at the Louisville Regional Airport
- ◆ New 1,200 car cast-in-place post-tensioned concrete parking garage at the Indianapolis International Airport

SPORTING FACILITIES

- ◆ 64,000 seat RCA Dome in Downtown Indianapolis
- ◆ 75,000 seat Lucas Oil Stadium (and new home of the Indianapolis Colts) in downtown Indianapolis
- ◆ 21,000 seat Conseco Fieldhouse (home of the Indiana Pacers) in downtown Indianapolis
- ◆ 10,000 seat Ball State University basketball arena
- ◆ 10,000 seat Allen County War Memorial Coliseum I Fort Wayne, Indiana.
- ◆ Indiana University \$38M North End zone Grand Stand
- ◆ Ball State University \$20M North Grand Stand Addition.