

# Timothy B. Choate, PE, PLS

Registered Professional Civil Engineer and Professional Land Surveyor in the states of Kentucky and Tennessee.

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## EXPERIENCE

### City of Murray, Murray, KY — *Director of Engineering*

2025 - PRESENT

- Assist the planning department in reviewing proposed developments
- In house design of sidewalk and drainage improvements
- Design of 1.5 miles of potable waterline extension at Opportunity Drive
- Parking lot addition to Central Park and relocation of access road

### Bacon Farmer Workman Engineering, Paducah, KY — *Transportation, Project Manager*

2010 - 2024

- Responsible for Kentucky Transportation Cabinet and TDOT Programs including marketing and project management. KY and TN PE and KY and TN PLS
- **TDOT Projects**
  - 4 miles of widening in Rhea County on SR 30, Region 2
  - Widening of I-65 to 6 lanes - 4 miles including White House interchange improvements, Region 3. Bridge Involvement
  - 2 miles of widening on SR 222, Design Build, Region 4-involved bridge widening.
- **KY Projects**
  - 9 bridge replacements in Western KY as part of the Bridge in Kentucky Program; survey, design, geotechnical
  - Fully directional interchange at junction of I-24 and I-69 in Marshall County. Included 4 new bridges
  - 20 miles of Interstate Conversion of Purchase Parkway to I-69. Included rehab of Mainline bridges, barrier retrofits on bridges, and deck repairs and overlays
  - Reconstruction of interchange on I-69 in Henderson County, included reconstruction of a Half to Full interchange bridge barrier retrofits, deck repairs, and overlay

## COMMUNITY INVOLVEMENT

Mayfield Electric and Water Systems Board Member, Vice Chair - **11 Years Service**

Mayfield Planning Commission - **12 Years Service**

Mayfield Rebuild Committee, Transportation Committee

Purchase Area Development District Regional

Transportation Committee, Mayfield Representative - **15 Years Service**

## INDUSTRY INVOLVEMENT

ACEC/KY -Board Member  
2014-2020

ACEC/KY - President  
2020

## AWARDS

ACEC/KY Project Excellence Awards

## HOBBIES

Woodworking, Ironworking, Golf

- 10 bridge replacements in District 1, 2, and 3 including approaches. Single and Multi-span Spread Boxes and PCI beams.
- Superstructure replacement for Bridge on Cross Creek on 24th Street. Salvaged the Substructure. Single Span Spread box beams, City of Paducah, KY
- Bridge rehab on US 62 in Marshall County with addition of aesthetic bridge railings and abutments
- 96' long Single Span side by side box beams Bridge replacement on Clarks River in Calloway County. Calloway County Fiscal Court.

### **Kentucky Transportation Cabinet, District One Highways Paducah, KY — *TEBM for Pre-Construction/Project Development***

March 1999 - 2010

- Specific Projects in Mayfield and Graves County
  - Widening of U.S. 45 of Mayfield from James Street to Oak Grove Creek
  - Widening of U.S. 45 from Oak Grove Creek to I-69
  - Relocation of Jimtown Road from U.S. 45 to KY 121 including widening of KY 121 from Graves County High School entrance to New Jimtown Road
  - Widening of KY 121 from I-69 to U.S. 45
  - 40 miles of new KY 80 from Mayfield to Cadiz bypass
  - KY project manage of KY Lake Bridges
  - Various bridge replacements of Mayfield and Graves County
  - 20 miles of upgrades and interstate conversion from Mayfield to Fulton of the Jackson Purchase Parkway to I-69
  - Reconstruction of Exit 21 and 22 on I-69
- Responsible for Supervision of District one Pre-Construction
- Responsible for implementation of Six-Year Highway Plan
  - Managed approximately 80 bridge rehabs and replacements. In-house design and consultant.
- Functioned as Project Manager on selected projects
- Assisted Legal relative to pre-construction projects
- Functioned as expert witness in condemnation cases
- Organized and conducted public meetings
- Monitored Right of Way, Utilities and District One Design Staff

### **Kentucky Transportation Cabinet, District One Highways Paducah, KY — *TEBM for Operations***

May 1996 - March 1999

- Responsible of supervision of District One Operations
- Managed District One Budget
- Monitored Snow and Ice Program and District Repair Garage
- Monitored Bridge Inspection Program - NBIS
  - Supervised District Bridge Inspectors

- Supervised District Bridge Repair Crew
- Worked with the Central Office Structure Division on bridge maintenance projects throughout the District.
- Programmed Deck repairs and overlays in the District.
- Assessed damages to bridges due to crashes and coordinated with the Central Office.
- Monitored Re-Surfacing Program and Roadside Development
- Worked with local officials on complaints and projects
- Addressed and resolved personnel issues

**Kentucky Transportation Cabinet, District One Highways**  
**Paducah, KY — *Design Engineer***

June 1992 - May 1996

- Responsible for supervision of District One Design crew and Location crew
- Directly responsible for the design of various transportation projects
- Scheduled daily activities of location survey crew
- Attended project inspections and public meetings, and prepared estimates
- Coordinated with area development district and transportation planner

**Farris, Hatcher, Tremper and Associates, Paducah, KY —**  
***Civil/Structural Engineer***

1986 - 1992

- Responsible charge in the supervision and design of residential and commercial subdivisions
- Design of street, sanitary and storm sewers, stormwater detention basins, drainage structures and potable water systems
- Project involved working with state, county and city officials with regard to planning and zoning ordinances, utility design, and traffic control
- Design of buildings and building additions within the City of Paducah and in the Industrial Complex at Calvert City
- Projects included preparing construction drawings and specifications, contract bid documents, field inspections and review of payment request for contractors

**Murray State University, Murray, KY — *Instructor (Adjunct)***

1986

- Taught an introductory course in reinforced concrete design

**Williams Engineering, Inc., Mayfield, KY —Civil/Structural Engineer/ Registered Land Surveyor**

1981-1986

- Associated with the design of radio, television and radar towers
- Supervised the layout, construction and design of river port facilities
- Assisted in the design of streets, highways, sanitary landfills, waste disposal systems, storm water drainage, mining permits, construction management and inspection
- Performed topographical surveys, legal plats, legal descriptions, lot surveys, farm surveys, construction surveying and layout and subdivisions

**Kentucky Department of Transportation, Mayfield, KY —Construction Inspector**

1980

- Worked consisted of designing, batching, controlling and inspecting various mixes of structural concrete used in highway and bridge construction
- Worked in survey crew, performed drafting and estimating

**EDUCATION**

**University of Kentucky, Lexington, Kentucky — *Civil Engineering***

Received a Bachelor of Science Degree in Civil Engineering in May 1985

**Murray State University, Murray, KY — *Civil Engineering Technology***

Received a Bachelor of Science Degree in Civil Engineering Technology in May 1979