

H. Wayne Barton | Associate Principal



EDUCATION

- University of Oklahoma
 - Bachelor of Science, Civil Engineering, 1973

PRACTICE AREAS

- General Civil Engineering

REGISTRATIONS

- Professional Engineer in TX

CONTACT

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EXPERIENCE

Wayne Barton joined WJE in 2019 with more than forty-five years of experience across a broad spectrum of civil engineering and construction management projects, including street, highways, and bridge design for numerous states, municipalities, and other entities. He has experience in grading and drainage design, water and wastewater line rehabilitation, water and wastewater treatment plant infrastructure design and repair, and other civil engineering specialties.

Mr. Barton has LEED experience on numerous projects, including successfully obtaining the first treated effluent reuse permits for golf course irrigation issued by California and Colorado. He served as City Engineer for three small cities in Oklahoma and has participated in federal and state permitting activities. Mr. Barton has provided civil engineering and construction management services in Arkansas, California, Colorado, Florida, Kansas, Kentucky, Mississippi, Missouri, New Mexico, New York, Oklahoma, and Texas.

REPRESENTATIVE PROJECTS

- Hackberry Creek - Irving, TX: Reconstruction of streets for drainage improvements
- Parkland Irving Health Care Clinic - Irving, TX: Reconstruction of sidewalks and design of new underdrain and pump station
- Charter School - Lancaster, TX: Investigation of existing drainage and litigation support
- Auto Dealership - El Paso, TX: Investigation of drainage conditions and litigation support
- Daycare Center - Frisco, TX: Investigation of pavements and city requirements and litigation support
- Retail Store - Dallas, TX: Review of civil engineering drawings and calculations and litigation support
- Sherman Town Center - Sherman, TX: Sinkhole and utility trench failure investigation
- Office Building - Dallas, TX: Feasibility study for parking lot and drive lane
- Floodway Drop Structures - Wichita Falls, TX: Structural design of floodway drop structures *
- Stonebriar Mall - Frisco, TX: Development of drainage master plan and design of creek reroute through twin 12x12 box culverts *

- Klyde Warren Park - Dallas, TX: Design of drainage system, including tunnel under Woodall Rogers Freeway *
- Oakridge on the Creek Residential Development - Garland, TX: Flood plain reclamation, including FEMA approval *
- Cottonwood Valley - Irving, TX: Investigation of pavement distress and design of repairs and replacement for 300-acre residential development
- Wintergreen Road from Duncanville Road to Cockrell Hill Road - TX: New alignment and expansion to four-lane roadway, including new four-cell box culvert and bridge *
- FM 720 from Dallas North Tollway to FM 423 - Frisco, TX: Design and construction observation of six-lane divided roadway, including center median channel, water, and wastewater mains *
- Mountain View College - Dallas, TX: Parking lot reconstruction
- United Parcel Service - Fort Worth, TX: Design of new offsite two-hundred-trailer parking lot, including pavement, drainage, channel, detention pond, fencing, and lighting *
- Love Field Lincoln Dealership - Dallas, TX: Grading of former Braniff Airlines headquarters, including a tunnel beneath the existing building
- Southside Wastewater Treatment Plant - Dallas, TX: Twelve-year project to reconstruct and expand 115 MGD plant *

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers
- Society of American Military Engineers - Fort Worth post, past president

* Completed with a previous employer