



Firm
D R Consultants & Designers, Inc.

Education
• B.S., Engineering,
Arkansas State University

Professional Registration
• Civil Engineer: FL, No.
0040598
• Civil Engineer: LA, No.
17317
• Civil Engineer: OR, No.
16176
• Civil Engineer: TX, No.
116222

Years of Experience: 40+

Significant **highway, roadway, design review, and agency** experience with **CALTRANS DISTRICT 7** and **METRO**.

James Fowler, PE

Project Manager

Professional Experience

Mr. Fowler is a senior project manager who has consistently earned the respect of colleagues and clients for his leadership on transportation projects, consistently meeting project budgets, schedules, and quality. He has delivered more than 350 transportation projects valued at \$5B, including METRO'S Crenshaw/LAX Transit Corridor and Expo Line, CALTRANS SR-30 project, and Louisiana's 186-mile, \$1.5B new freeway that serves as the state's predominate north-south economic corridor. He possesses extensive knowledge of CALTRANS, LA METRO, FDOT, and FHWA design standards. In addition to large-scale project management, Mr. Fowler's technical career also includes QA/QC, design, design review, and construction management.

PROJECT EXPERIENCE

Senior Project Manager

D R Consultants & Designers, Inc.

Mr. Fowler is a Senior Project Manager leading, planning, organizing, and delivering high quality transportation projects to DRC clients within the southern California region, including METRO and CALTRANS. Mr. Fowler manages all financial and technical aspects of each project, including scope, budget and delivery. He hires and leads diverse teams and provides expert-level technical and quality guidance. He has the authority to make decisions, to hire and direct staff, and to allocate resources on the project consistent with approved proposals, contracts, or change orders. He is responsible for preparing and negotiating project scope, schedule, and fee that is responsive to the client's needs. Coordinates with DRC task managers and subcontractors to develop the project team and to allocate the necessary resources to complete a project successfully. Has primary responsibility for project quality and platinum-level client service.

Deputy Project Manager

PB Americas, Inc.

Crenshaw/LAX Transit Corridor \$1.2B Design/Build (CALTRANS DISTRICT 7): Roadway lead for new 8.5-mile light rail project. Responsible for design of street intersections, turn lanes, roadway design, park and ride facilities, geometrics, design cost estimate, design scope, subconsultant coordination and contracts. Coordinated with contractor to provide best design and alternative designs to reduce cost. Design advanced to 30% to allow contractor to estimate cost.

Los Angeles Exposition Light Rail Transit Design/Build Project Phase 2 Stage B (CALTRANS DISTRICT 7): Deputy Engineering Manager/Office Manager for design for the \$546-million 6.6-mile Design-Build light rail project. Responsibilities included assisting design manager and assuming duties upon his absence, design reviews of internal and subconsultant designs, coordination with contractor, supervision of subconsultants, schedules, scoped engineering work and estimates, negotiated subconsultant contracts, budgets, liaison with owner and contractor, and overall responsibility for project controls (project controls, document control, scheduling, invoicing, subconsultant contracts, progress reporting, personnel actions, and budgets). The Stage B contract was completed with an accelerated 18-



month design schedule and the contractor is a year early on schedule. Also responsible for day-to-day procedures and operations.

Los Angeles EXPO 2 Light Rail Transit Stage A Design Build: Deputy Project Design Manager (CALTRANS DISTRICT 7): Stage A was a competition of two design-build teams with plan development to draft stage with one team being selected to perform Stage B final design. Stage A design included civil, drainage, structures, transit stations, utilities, agency coordination, stakeholder coordination, train controls, and working closely with the contractor to develop a detailed plan set for a fixed bid.

Task Force Engineer - Operations/Engineer Officer/Safety Officer

Active Duty Military

Responsible for plan development, quality control, and safety of construction projects in California on US border with Mexico. Projects included: all weather roads for border patrol to control crossings of undocumented immigrants and drug smuggling; drainage structures; lighting systems for surveillance; primary and secondary fence design and construction; provided quality control for military units performing construction assisting task force engineer with border projects; safety officer; operations officer; scheduling projects in conjunction with border patrol; liaison with Corps of Engineer on construction issues (R/W, Environmental, Water Quality, etc.); coordinated leased facilities and equipment; and coordination with other federal agencies concerning issues along the US border. Managed and provided quality control for more than 1,400 troops to complete border fence projects. Completed 40-hour hazardous waste operations refresher course and other OSHA supervisor courses needed for border projects.

Principal Project Engineer

URS Corp.

Responsible for proposal development, contract negotiations, client coordination, and all phases of CALTRANS PS&E development.

Schedule and Budget Control Engineer - Oversaw LAX \$12B expansion environmental document and master plan, reviewing consultants schedule and budget, reporting progress and corrective actions on schedule delays.

Project Manager - Responsible for design, construction and implementation of new storm drain catch basin to reduce roadway waste entering into the storm drain system. Completed on schedule and under budget. Tested during the winter rainy seasons for future implementation as the CALTRANS standard storm drain catch basin.

Project Manager

Fluor Daniel, Inc.

California State Route 30 (CALTRANS) – Project Manager for the new \$1.2B State Route 30 freeway, encompassing 23 miles of new freeway and 35 bridge structures under supervision. Responsibilities included directing 12 engineers and support personnel, effective coordination among state, county and local agencies, preparing SB300 applications for client, writing contracts, reviewing proposals, interviewing and selecting consultants, negotiating more than 35 consultant contracts resulting in an \$18M savings in design fees for San Bernardino Associated Governments. Developed an accelerated construction schedule for select Route 30 projects that facilitated construction completion of 22 bridges in two years. Resourcefully matched funding and design/construction to maximize use of available funds and acceleration of benefits to the public.