



CALIFORNIA High-Speed Rail Authority

Principal Transportation Engineer, Caltrans

Transportation Engineering Experience

A non-comprehensive list of related transportation engineering experience:

Performing or overseeing the following:

- Design or prepare plans for new transportation systems
- Check construction plans, design calculations, or cost estimations to ensure completeness, accuracy, or conformance to engineering standards
- Prepare administrative, technical, or statistical reports on transportation related matters
- Prepare project budgets, schedules, or specifications for labor or materials
- Evaluate transportation systems or traffic control devices or lighting systems to determine need for modification or expansion
- Estimate transportation project costs
- Model transportation scenarios to evaluate the impacts of activities such as new development or to identify possible solutions to transportation problems
- Confer with contractors, utility companies, or government agencies to discuss plans, specifications, or work schedules
- Identify maintenance, operational, and safety deficiencies on transportation systems

Senior Level Engineer

Job duties normally performed by the following senior level engineering classifications:

- List of acceptable Senior Engineer classifications:
 - Senior Bridge Engineer
 - Senior Civil Engineer
 - Senior Transportation Electrical Engineer (Specialist) or (Supervisor)
 - Senior Transportation Engineer
 - Senior Electrical Engineer
 - Senior Equipment Engineer
 - Senior Mechanical Engineer