

**Structures and Capital Group Manager**  
**Public Works Department – Transportation Division**  
**County of Santa Barbara, California**

**Knowledge of:** principles of supervision, training and performance evaluation; principles and practices of civil engineering and administration; principles and practices of project and construction management; principles and practices of engineering design; terminology, methods, practices, and techniques used in technical civil engineering report preparation; basic principles of public administration; principles and practices of budget preparation and control; principles of mathematics as applied to engineering work; recent developments, current literature, and sources of information regarding civil engineering; pertinent Federal, state, and local laws, codes, and regulations including civil engineering laws and regulations, particularly the CalTrans Local Assistance Procedures Manual; modern office procedures and methods; and computer equipment and applicable software applications.

**Ability to:** plan, organize and supervise the work of professional and technical staff; train and evaluate staff; write concise and clear reports; manage large and complex engineering projects; ensure project compliance with appropriate Federal, state and local rules, laws and regulations; coordinate phases of construction projects and prepare progress reports; analyze problems, identify alternative solutions, project consequences of proposed actions, and implement recommendations in support of goals; perform technical research and solve difficult engineering problems; select, train, supervise, coordinate and evaluate staff; prepare and maintain technical civil engineering records and prepare comprehensive reports; exercise professional engineering judgment to achieve results consistent with objectives; compile rough technical data and prepare statistical and narrative reports from field studies; develop, review and modify civil engineering plans, designs and specifications; work cooperatively with staff, management, vendors, contractors, and others encountered in the course of work; communicate clearly and concisely, both orally and in writing; make public presentations; work independently; operate personal computer hardware and use standard business software, AutoCAD and other design tools, Geographic Information Systems for asset management and other database tools; and operate a motor vehicle.