1. Inspected installation of precast structures, underground services, concrete and earthworks.
2. Evaluated sites to determine soil adequacy for handling loads imposed by building foundations and associated materials.
3. Supervised construction of waste water treatment facility for [Type] location.
4. Developed low impact transportation, grading and storm water design strategies for sustainable infrastructure projects.
5. Analyzed survey reports, maps, blueprints and other topographical and geologic data to effectively plan infrastructure and construction projects.
6. Performed maintenance duty on pumps, wastewater operations and commercial injection systems.
7. Inspected project sites to monitor progress and adherence to design specifications, safety protocols and state sanitation standards.
8. Facilitated construction by mapping out utility installations and establishing reference points, grades and elevations.
9. Reviewed project goals and objectives on monthly basis with project manager and design team.
10. Liaised with civil technicians to prepare and update maps, drawings and blueprints using manual and computer-assisted methods.
11. Calculated load levels and material stress factors using [Software] to identify design constraints.
12. Provided technical and professional engineering support services in design, construction and traffic engineering.
13. Verified construction documentation conformed to quality assurance standards and client requirements.
14. Interacted with state and local agencies concerning compliance with codes and regulations.
15. Assessed construction and demolition operations for compliance with [Type] rules and regulations.
16. Managed construction contracts for capital projects to outline objectives, stakeholder responsibilities and modification procedures.
17. Kept project on schedule and within budget while serving as project leader.
18. Computed load and grade requirements, material stress factors and water flow rates to determine design specifications.
19. Planned, directed and participated in surveying activities and researching title reports and deeds in preparation of survey instructions.
20. Attended training, meetings and seminars to enhance job knowledge and skills.