1. Inspected project sites to monitor progress and adherence to design specifications, safety protocols and state sanitation standards.
2. Interacted with state and local agencies concerning compliance with codes and regulations.
3. Completed complex technical field environmental surveys for development of roadway, intersection and bridge construction plans.
4. Processed field data and created drawings for such projects as highways and bridges.
5. Managed quality assurance and quality control requirements of contractor, including surveying and laboratory testing for concreting operations.
6. Prepared project proposals, including cost estimates, schedules and project specifications.
7. Obtained quotes for project materials and communicated with suppliers to determine best pricing.
8. Assessed scope and requirements to make accurate project design determinations for [Number] projects.
9. Conducted material tests and analysis using [Type] equipment and tools.
10. Worked closely with engineers, land surveyors and other key stakeholders on different infrastructure projects.
11. Created Bills of Materials (BOM) and certifications.
12. Drove reliability and profitability through introduction of [Type] system.
13. Contributed to [Type] project by [Action] and [Action] which increased company revenue by [Number]% and improved [Result].
14. Managed $[Amount] capital budget for engineering and maintenance projects.
15. Completed as many as [Number] design projects each year.
16. Created CAD models and drawings for [Type] and [Type] designs.
17. Oversaw quality assurance protocols to optimize designs.
18. Discussed zoning laws, fire regulations and building codes with city and county government agencies.
19. Achieved [Type] target with well-planned and implemented civil engineering solutions.
20. Liaised between [Type] facility and [Type] department, facilitating communications and keeping appropriate parties updated on project developments.