MICHAEL ANDERSON

SENIOR CIVIL ENGINEERING ANALYST

CONTACT

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San Francisco, CA

SKILLS

- Traffic Analysis
- Environmental Assessment
- VISSIM
- Project Management
- Stakeholder Engagement
- Safety Audits

LANGUAGES

- English
- Spanish
- French

EDUCATION

MASTER OF SCIENCE IN CIVIL ENGINEERING, INSTITUTE OF TECHNOLOGY, 2011

ACHIEVEMENTS

- Recognized for exceptional contributions to the city's transportation master plan.
- Secured funding for a multi-million dollar public transit project.
- Improved traffic management efficiency, resulting in decreased congestion.

PROFILE

Results-driven Civil Engineering Analyst with a strong foundation in transportation engineering and project management. Over 10 years of experience in assessing infrastructure needs and developing sustainable solutions. Proven expertise in traffic analysis, road safety audits, and environmental impact assessments. Adept at using advanced modeling software to forecast project outcomes and enhance design efficiency.

EXPERIENCE

SENIOR CIVIL ENGINEERING ANALYST

Metro Transit Authority

2016 - Present

- Led traffic studies to support urban transit expansion projects.
- Developed safety audit protocols that reduced accident rates by 30%.
- Collaborated with city planners to optimize public transport routes and schedules.
- Utilized VISSIM and Synchro for traffic simulation and modeling.
- Prepared environmental impact reports in compliance with federal regulations.
- Facilitated workshops to engage community stakeholders in project planning.

CIVIL ENGINEER

City Engineering Department

2014 - 2016

- Conducted traffic flow analysis to improve intersection efficiency.
- Assisted in the design of pedestrian and bicycle-friendly infrastructure.
- Managed project budgets and timelines, ensuring on-time delivery.
- Coordinated with contractors to oversee construction activities.
- Performed site evaluations for new road projects and upgrades.
- Presented findings and recommendations to city officials and residents.