

Danna Villegas

Engineering Manager, Traffic Operations

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SUMMARY

Traffic **engineering manager** with 12 years of progressive transportation experience across municipal operations, **development review**, signal systems, traffic studies, VMT and LOS analysis, capital projects, and public mobility programs. Leads **professional staff**, consultants, and partner agencies through project scope, schedules, budgets, contracts, grants, and operational delivery. California licensed Traffic Engineer and Professional Civil Engineer with authority to review technical studies, design documents, signal plans, **traffic control plans**, signing, striping, detours, and development impacts. Translates complex transportation analysis into practical recommendations for executives, public agencies, community members, and project teams. Career progression reflects increasing responsibility for policy guidance, technical approvals, staff coaching, regulatory compliance, and accountable municipal service. Brings calm judgment and collaborative relationships that support safe, responsive traffic programs.

EXPERIENCE

Traffic Engineering Manager

Pacific Gateway Transportation Agency 📅 January 2022 - Present 📍 Long Beach, CA

Leads municipal traffic operations, professional staff, consultants, signal systems, development review, budgets, grants, public requests, and transportation programs. Provides technical guidance, reviews engineering documents, manages contracts, and represents operational recommendations before agency and community stakeholders.

- Set **program priorities** for signal operations, development review, consultants, budgets, and public mobility programs.
- Approved **traffic studies**, signal plans, traffic control plans, work orders, signing, striping, and **technical reports**.
- Coached professional staff through **performance expectations**, training plans, project reviews, and sensitive service issues.
- Managed consultant scope, schedules, invoices, deliverables, agreements, and coordination with **neighboring jurisdictions**.
- Prepared grant materials, budget reports, **engineering claims**, records, and recommendations for executive decisions.
- Built trusted relationships with agency partners and community representatives, improving issue resolution and service continuity.

Senior Traffic Engineer

Coastal Cities Mobility Partnership 📅 July 2019 - December 2021 📍 Irvine, CA

Directed complex traffic studies, VMT mitigation, LOS analysis, signal timing, development review, and transportation recommendations. Coordinated consultants, agencies, and project teams across technical deliverables, public concerns, schedules, and regulatory requirements.

- Led **VMT mitigation** and LOS reviews for development projects, circulation plans, **transit** connections, and detours.
- Compared transportation alternatives and presented clear recommendations for managers, agencies, applicants, and community stakeholders.
- Reviewed signing, **striping**, signal timing, traffic control, and **construction documents** before agency submittal.
- Coordinated consultant teams through scope definition, technical comments, schedules, invoices, and final **deliverables**.
- Resolved recurring signal and **circulation** issues through field observations, analysis, and cross agency coordination.
- Shared technical insight through professional networks, helping partner agencies align reviews and avoid late design changes.

Traffic Engineer

Westland Civil Engineering 📅 June 2017 - June 2019 📍 Anaheim, CA

Delivered transportation design and technical review for development projects, **traffic control plans**, signal plans, and engineering reports. Supported agency coordination, design decisions, field verification, and practical solutions for complex circulation and safety needs.

- Developed traffic control and **signal plans** for **transportation projects**, incorporating field conditions and agency standards.
- Reviewed **technical reports**, design documents, and development plans for circulation, access, safety, and operational impacts.
- Analyzed transportation alternatives and documented recommendations for project managers, public agencies, and design consultants.
- Coordinated design comments, field observations, plan revisions, and agency submittals across concurrent assignments.
- Applied OSHA practices and **engineering standards** during field reviews, supporting safe work and complete records.
- Maintained professional connections with reviewers and **consultants**, speeding decisions when project questions reached design teams.

Assistant Traffic Engineer

Harbor Transportation Consulting 📅 July 2015 - May 2017 📍 Torrance, CA

Supported consulting assignments involving intersection analysis, traffic counts, signing and striping plans, field observations, and agency submittals. Produced clear technical materials while coordinating field data, client comments, and review milestones.

- Collected traffic counts and field observations supporting intersection analysis, signing, striping, and agency recommendations.
- Prepared traffic study exhibits, technical tables, plan markups, and submittal packages for public agency review.
- Compared intersection conditions and documented practical improvements for **consultants**, clients, and reviewing jurisdictions.
- Tracked comments, revisions, field information, and deliverables across several transportation assignments.

- Applied traffic **engineering standards** and **workplace safety** practices during field work and document preparation.
- Developed reviewer relationships that clarified expectations early and helped project teams respond with fewer revisions.

Junior Transportation Engineer

South Coast Mobility Design 📅 September 2014 - June 2015 📍 Carson, CA

Supported early career transportation analysis, plan production, field data collection, and project documentation under senior engineering direction. Contributed accurate work products for **traffic studies**, plan reviews, and agency coordination.

- Collected field data and prepared traffic analysis materials under senior engineer review and direction.
- Produced plan sheets, exhibits, and documentation for signing, striping, circulation, and traffic control assignments.
- Checked technical **records** and calculations before internal review, reducing avoidable corrections in submittal packages.
- Coordinated field notes, plan comments, and revisions with engineers, **consultants**, and agency contacts.
- Applied foundational traffic standards and safe field practices during observations, measurements, and document production.
- Built early professional relationships with senior reviewers, gaining practical insight into agency expectations and delivery.

PROJECTS

Municipal Signal Operations Program 📅 2026

Directed recurring signal operations reviews, maintenance priorities, technical records, and partner coordination for safer, more dependable municipal mobility.

Development VMT Review Framework 📅 2024

Guided development review for VMT, LOS, circulation, transit, detours, striping, traffic control, and signal impacts.

Transportation Grant Selection Program 📅 2023

Prepared grant research, selection materials, budget support, and infrastructure recommendations for public transportation improvements.

LEADERSHIP & AWARDS

- Agency Leadership Recognition for dependable traffic operations and responsive service coordination.
- Professional Excellence Award for clear transportation recommendations and practical project delivery.
- Community Partnership Recognition for constructive public engagement on sensitive mobility concerns.

EDUCATION

Bachelor of Science in Civil Engineering

California State University, Long Beach 🎓 GPA: 4.0 📅 2014 📍 Long Beach, CA

Coursework: Traffic engineering, transportation planning, structural analysis, engineering economics

CERTIFICATIONS

- California Traffic Engineer License 📅 2020
- California Professional Civil Engineer License 📅 2019
- California Class C Driver's License 📅 2014

TECHNICAL SKILLS

- **Traffic Analysis:** VMT analysis, LOS analysis, traffic studies
- **Signal Systems:** Signal timing, signal operations, signal maintenance
- **Plan Review:** Signal plans, traffic control plans, construction documents
- **Roadway Markings:** Signing, striping, pavement legends
- **Development Review:** Circulation review, transit planning, detour review
- **Project Management:** Scope management, schedule management, deliverables
- **Contract Administration:** Consultant contracts, invoices, agreements
- **Budget Management:** Project budgets, expenditures, purchasing
- **Grant Administration:** Grant research, grant selection, grant preparation
- **Regulatory Standards:** Traffic codes, engineering standards, OSHA practices
- **Public Agency Coordination:** Interagency coordination, public meetings, customer service
- **Technical Documentation:** Technical reports, progress reports, claim documentation

SKILLS

- Traffic engineering
- Traffic studies
- Staff supervision
- Traffic control plans

- Traffic operations
- VMT analysis
- LOS analysis
- Signal systems
- Development review
- Project management
- Consultant management
- Budget administration
- Grant administration
- Regulatory compliance
- Workplace safety

PROFESSIONAL AFFILIATIONS

- Institute of Transportation Engineers, California professional member.
- American Society of Civil Engineers, transportation engineering member.

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST