



Mountain Pacific, Inc.
Civil/Transportation Engineers

Tijana S. Hamilton, P.E.

Principal

EXPERIENCE PROFILE

Ms. Hamilton, Principal, has over 25 years of experience in traffic engineering and transportation planning in both the public and private sectors. She is an accomplished manager of complex, multi-disciplined projects which involve parking demand and operations analyses, including “shared parking” concepts; traffic impact assessments and mitigation identification; CEQA and NEPA processes; transportation feasibility evaluations; travel demand forecasting applications; on-site circulation and access plans; neighborhood traffic calming concepts; application for funding of public improvements; design development and approval processes. She has completed hundreds of transportation studies to the satisfaction of her clients and has presented the results of her work to technical stakeholders as well as the policy makers and the public.

Since March 2004, Ms. Hamilton has led her own transportation engineering practice as Principal of Mountain Pacific, Inc. She has completed or is conducting several traffic impact studies, circulation studies and parking studies in the cities of Apple Valley, Buena Park, Corona, El Monte, Hesperia, Glendora, Gardena, El Monte, Laguna Hills, Victorville, Riverside, Montclair, Ontario, and Perris, and in unincorporated counties of Orange, Los Angeles, Riverside, San Bernardino and San Diego. She has performed peer reviews of transportation studies in numerous municipalities as well as due diligence studies for clients wishing to evaluate development potential of specific land use projects.

From 1991 through March 2004, Ms. Hamilton worked as a Senior Project Manager with Parsons. Key accomplishments included her responsibilities as the “on-call” transportation consultant for the City of Beverly Hills (4 years) as well as Anaheim Redevelopment Agency (10 years) and management of several Major Investment Studies in Los Angeles and Orange Counties, including the I-405 widening between SR-73 and I-605 and the High Desert Corridor. She also served in a number of leadership positions, including Deputy Area Manager of Parsons Transportation Group’s operations in Orange County, California, as well as on the Parsons Leadership Council, where she worked on a number of strategic corporate efforts.

Prior to joining Parsons, Ms. Hamilton served the public sector in a number of roles. Ms. Hamilton was in charge of the Street lighting and Traffic Studies Section at the Street Transportation Department at the City of Phoenix. As such, she developed street and bikeway circulation plans, long-range plans for the Phoenix metropolitan area, analyzed impacts due to development projects and determined requirements for access and street improvements. She started her career at Salt Lake County, performing a range of traffic engineering duties including traffic impact analysis; collection of traffic volume data; origin-destination surveys; access evaluation; signing & striping plans and conceptual design.

EDUCATION: B.S., Civil Engineering, University of Utah, 1985

LICENSES: Registered Civil Engineer, California/1992/No. C49753
Registered Professional Engineer, Arizona/1988/No. 22212

MEMBERSHIPS AND SOCIETIES: Impact Giving, Founding Member
Institute of Transportation Engineers, Member
OCTEC, Member
Parsons Leadership Council, Alumnus

PUBLICATIONS

- *Traveler Response to the Northridge Earthquake* - Presented at the 65th ITE Annual Meeting and Exhibit, Denver, Colorado, August 1995.
- *Cost of Delay Studies Associated with Freeway Closure due to the Northridge Earthquake*, March 1996, TRB National Research Council Paper Number 960432.
- *Variations in Traveler Response to Damaged Freeways and Transportation System Changes Associated with the Northridge Earthquake*, May 1996, TRB National Research Council Paper Number 960433.



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Traffic Impact Analysis and Circulation Planning for Long-Range and Specific Plans¹:

- March Healthcare Development Master Plan On-Site Circulation and Access Evaluation: Conducting an evaluation of on-site circulation needs and alternatives for access of a Master Plan for a 3,555,000-square foot medical campus with hospital, medical office, retail, commercial, hotel and residential land uses on 236 acres within the March Joint Powers Authority redevelopment area being designed by HOK.
- Rancho Del Chino Specific Plan: Prepared a Traffic Impact Analysis for a proposed Specific Plan in the City of Chino for Panattoni Development Company. The Specific Plan included three specific areas – Easterly portion, an industrial development which required specific evaluation of truck access; Northerly portion, a retail development; and the Southerly portion, a mixed-use retail and hotel development. Subsequent to the Specific Plan TIA, prepared separate traffic and circulation evaluations of potential users within the Specific Plan, including a detailed “shared parking” analysis necessary to show that the proposed hotel, in concert with other uses, would be adequately served by parking.
- March Lifecare Campus Specific Plan: Conducted a two-phase Traffic Impact Analysis (TIA) for the environmental review and certification of the proposed redevelopment of 236 acres in the northeast area of the March Joint Powers Authority (JPA). Project includes a mix of over 3 million square feet of hospital, medical office, retail, commercial, hotel and residential land uses. Analysis included Opening Year and Horizon Year projections and LOS analysis at 30 intersections and on 35 roadway segments under 6 different jurisdictions (JPA, City of Moreno Valley, City of Perris, City of Riverside, County of Riverside and Caltrans); identification of mitigation measures and coordination with each jurisdiction as to implementation and phasing of proposed improvements. The Specific Plan was approved and its EIR certified in 2009.
- Piemonte at Ontario Center Specific Plan: Assisted Panattoni Development Company and City of Ontario in developing the Piemonte Specific Plan, including 1.1 million square foot of mixed commercial land uses and approximately 1,000 apartments/condos. Tasks included: 1) Determining compliance with Ontario Center Specific Plan; 2) Localized traffic and circulation analysis for the proposed Specific Plan as designed by Architects Orange and including access to the City of Ontario’s Entertainment and Sports Arena (now operational); 3) “Shared parking” analyses for the Specific Plan; and 4) Detailed circulation, access and parking analyses for different parcels, such as the residential area designed by Toll Brothers, and the Home Depot-anchored parcels designed by Greenberg Farrow Architects.
- Tuscana Village Specific Plan: Prepared a due diligence transportation evaluation of potential access to a site on the northwest corner of Riverside Drive and Milliken Avenue in the City of Ontario, with focus on opportunities and constraints for access to/from Riverside and Milliken Avenue. Subsequently prepared a Traffic Impact Analysis (TIA) to determine potential environmental impacts for a two-phase development of approximately 1 million square feet of commercial office and retail development and 200 apartments.

¹ Projects listed are those completed at Mountain Pacific, Inc. only



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Traffic Impact Analysis and Parking Studies for Development Projects²:

- March Behavior Center Facility: Performed a Traffic Impact Study for the first acute care 150-bed hospital to be developed within the March LifeCare Campus, along with two Veteran Housing projects being implemented by the March Joint Powers Authority. Work included determination of consistency with Specific Plan TIA, improvements and site access and parking.
- Wal-Mart on Arden Development: Conducting a traffic impact analysis (TIA) for the proposed project based on City of El Monte and Los Angeles County guidelines. Issues include an at-grade railroad crossing immediately north of the site, coordination with multiple jurisdictions, school safety and improvement implementation and costs.
- O-Tasty Project Traffic Impact Analysis: Conducted a traffic analysis for a 209,000-square foot O-Tasty foods operations plant with 220 employees in the City of Chino, CA
- Rancho Cucamonga Wal-Mart Development: Prepared TIA for proposed Wal-Mart shopping center on Foothill Boulevard. Issues included consistency with surrounding land uses, including schools and assisted living facility, access to freeways and integration with Foothill Boulevard transit plan.
- Laguna Hills Mall Redevelopment: Prepared a TIA to determine potential impacts and consistency with Laguna Hills General Plan for the redevelopment of the existing Laguna Mall, including the addition of a multi-plex theater, fitness center and dining options.
- Glendora Wal-Mart Expansion Traffic Impact Analysis: Conducting a traffic impact analysis (TIA) for the proposed project based on city and Los Angeles County guidelines. Issues include queuing between closely spaced intersections and an at-grade railroad crossing soon to be used by the MTA Gold Line.
- Victorville Marketplace Traffic Impact Analysis: Conducting a traffic impact analysis for the proposed project in Victorville based on city and SANBAG CMP guidelines. Issues include significant off-site mitigation and realignment major arterial through the subject property.
- The Crossroads at 395 Traffic Impact Analysis: Conducted a traffic impact analysis for the proposed project in Victorville based on city and SANBAG CMP guidelines. Issues include location at the corner of two state facilities (SR-18 and SR-395) with need for Caltrans approval, and significant off-site mitigation. Project approved by City of Victorville in 2009. Currently assisting developer, City of Victorville and Caltrans on design of off-site improvements and driveway configurations.
- Apple Valley Shopping Center Traffic Impact Analysis: Conducting a traffic impact analysis for the proposed project in the Town of Apple Valley. Issues include integration with adjacent development, assessment of the need to abandon a frontage road and coordination of improvements with Caltrans.
- Hesperia Home-Depot-Walmart Shopping Center: Conducted a traffic impact analysis for this 400,000 square foot shopping center in Hesperia. In concert with the proposed General Plan Buildout and improvements to the I-15 – Hesperia Road interchange, performed a traffic signal progression study

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(using Synchro) to determine location of traffic signals, intersection lane configurations and other access features for a 2-mile segment between I-1 and the project.

- Gardena Sam's Club Expansion Traffic Impact Analysis: Conducting a traffic impact analysis for the proposed project based on city and Los Angeles County guidelines.
- Walgreens On-Site and Access Evaluation: Conducted an analysis a circulation analysis for this project which is bordered by two state facilities (Palmdale Road (SR-18) and SR-395) with limited access opportunities. Provided recommendations for shared driveway access, secondary ingress/egress and coordinated with Caltrans on behalf of developer.
- Vulcan Plant, Adelanto: Prepared an evaluation of potential traffic impacts due to the proposed development of a cement plant in Adelanto with emphasis on potential CMP issues.
- Village Circle at Beach: Prepared a TIA for a commercial project on the corner of Beach Boulevard and La Mirada/Malvern Streets. Assisted the City of Buena Park in determining appropriate locations for access considering restrictions on Beach Boulevard which is a state facility. Coordination with developer's traffic and civil consultants and Caltrans was provided in order to develop efficient access to/from the site and mitigate traffic impacts.
- Movieland Wax Museum: Performed traffic impact, circulation and parking evaluation to redevelop a property to the Movieland Wax Museum use within the Buena Park Entertainment zone.
- Knott's Soak City Water Park: Prepared traffic impact analysis for the new water park, including analysis of pedestrian and vehicular circulation integration with Knott's Berry Farm, parking, access and neighborhood preservation.
- Knott's Berry Farm: Prepared traffic impact analyses for additional of several new rides for environmental approval purposes and performed evaluation of access with recommendations made as to traffic routes, parking layout and operations.
- Montclair Plaza Expansion: Conducted a traffic impact study to evaluate additional land uses, mall redesign and relocation of the Nordstrom store. Issues included off-site mitigation, congestion at main driveways and revisions to on-site circulation to accommodate the Nordstrom footprint.
- Monterey Station Residential Project: Prepared a TIA for a dense residential project in the City of Pomona. Emphasis was on proximity to the Gold Line Station, and traffic operations to ensure efficient pedestrian, vehicular and truck access.
- Industrial Property in Corona: Prepared a Traffic Impact Analysis (TIA) for a large-scale industrial property on Railroad Street in Corona for Panattoni Development Company.
- Sam's Club Redevelopment Traffic Impact Analysis: Conducted a traffic impact analysis for the proposed project based on City of El Monte and Los Angeles County guidelines.



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- Val Verde School District: Conducted Traffic Impact Analyses for several schools in the City of Perris, including May Ranch Elementary, Perris West End Middle School and South East High School. Focus on pedestrian accessibility and on-site circulation with efficient student drop-off/pick-up facilities and staff and visitor parking.
- Olson Property Traffic Impact Study: Conducted a traffic impact analysis for the proposed reuse of a site in Buena Park. Issues included potential off-site traffic impacts and on-site circulation and access.
- Galleria at Tyler “Shared Parking” Analysis: Conducted a comprehensive “shared parking” analysis for the expansion of the Galleria at Tyler to include additional retail, restaurant and new multi-plex theater land uses. Utilized City of Riverside code requirements, the 1983 Shared Parking concepts from Urban Land Institute as well as the latest information relating to parking demands and trends at regional shopping centers for typical and holiday conditions.
- Nabisco Reuse Project: Conducted an analysis of potential traffic impacts associated with various land use alternatives for the Nabisco property in Buena Park, California. The different land use scenarios included: industrial land uses, big box retail users, auto dealerships, and a combination of retail uses. Issues included potential impacts on and in combination with I-5 freeway widenings, congested roadways, CMP issues, access opportunities and constraints and on-site circulation, and operational analysis.
- Victorville Retail Center: Conducted the Environmental Impact Report Traffic Impact Analysis in accordance with the city and San Bernardino County Congestion Management Program traffic impact guidelines for a major commercial project on Bear Valley Road and I-15.

On-Call Transportation Planning and Traffic Engineering Projects³:

- Peer Review of traffic-related studies for Meredith International Center Specific Plan Amendment: Assisted City of Ontario in developing Scope of Work for Traffic Impact Analysis for the Specific Plan Amendment, review of Screen Check Drafts of TIA for DEIR, review of public comments and responses on TIA, review of on-site circulation and access for 200-acre property, and general consultation on DEIR development and consistency with City of Ontario Mobility Element.
- Peer Review of Parking Demand for Laguna Hills Mall Redevelopment Project: Review parking analysis conducted by others to ensure that adequate “shared” parking exists to accommodate new land uses (including a multi-plex theater and fitness center) within the Laguna Hills Mall property.
- Review if Consistency with General Plan Buildout in City of Laguna Hills: Consulting provided to City of Laguna Hills to determine if proposed developments in Laguna Hills and Laguna Woods would generate inconsistencies with the General Plan Update as relating to projected traffic conditions.
- Peer Review of Centrepointe/Harbor Freight Expansion Project: As consultant to City of Moreno Valley, review traffic impact analysis and environmental documents prepared for the addition of 1,200,000 square feet of high-cube warehouse development along Cactus Avenue. Critical issues included truck trip generation and access, potential impacts on I-205 freeway and timing of Cactus Avenue improvements.

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- Peer Review of OakBrook Village TIA: Assisted City of Laguna Niguel and environmental consultant in reviewing the adequacy of a traffic study prepared by the developer for a multi-use (residential, office and retail) redevelopment project within a specific plan area with capped development potential per the updated General Plan.
- I-101 Freeway Alternatives Analysis and Design: Reviewed DEIR for the I-101 Freeway in Montecito, California and analyzed potential for different access alternatives and design configuration with emphasis on reducing the project footprint, minimizing environmental impacts, reducing overall construction costs and incorporating community concerns. Performed accident analyses, transportation and access evaluations and developed preliminary engineering plans and Project Reports, construction cost estimates and supporting materials for presentation and meetings with City of Santa Barbara, County of Santa Barbara, SBCAG and Caltrans representatives.
- Peer Review of Orangethorpe – Beach Mixed-Use Project: As consultant to the City of Buena Park, reviewed traffic impact studies, access opportunities and constraints and improvement plans proposed by consultants for the developer of this complex project at one of the most congested intersections in Orange County.
- Peer Review of Lancaster Wal-Mart Traffic Impact Study: As part of Wal-Mart's development and environmental team for this proposed project, reviewed traffic impact analysis and circulation section of EIR prepared by the City of Lancaster's consultant and provided input to ensure legal adequacies of documents as they related to traffic issues. Developed methodologies and estimates of "fair-share" participation of Project in off-site improvements.
- Due Diligence Analyses: Evaluated potential transportation constraints and opportunities for various projects for Panattoni Development Company in the cities of Ontario, Corona, and Indio.
- Peer Review of Big Box Ordinance: Reviewed proposed Ordinance in City of San Diego for Gresham Savage Nolan & Tilden.
- Glendora Residential Project: At the request of City of Glendora, provided analyses and input to provide efficient and safe access to a residential tract west of Barranca Avenue and north of the proposed Gold Line.
- "Fair-Share" Participation for Artesia Boulevard: As consultant to the City of Buena Park, reviewed improvement plans for Artesia Boulevard, provided suggestions for enhanced capacity and operations and determined "fair-share" participation for development projects anticipated to use the corridor.
- Due Diligence Analyses: Peer review of traffic studies and circulation documents prepared for others in anticipation of lawsuit regarding entitlements on project in Indio Jackson Retail Center and performed independent evaluations and recommendations on traffic issues relating to development.



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Major Transportation Projects and Long-Term Transportation Planning⁴:

- I-405 Major Investment Study: Managed a Major Investment Study (MIS) to develop a Long Term Strategy for a 13-mile stretch of one of Southern California's busiest freeways, I-405 from SR-73 to I-605. Project phases included establishing a mobility problem and purpose and need for the study, development of potential solutions and alternative options, and, through presentations to various technical, policy and stakeholder committees as well as the public, developing consensus at every milestone decision point in the study.
- High Desert Corridor – SR-138 Major Investment Study: Managed a 73-mile corridor study in accordance with Regionally Significant Transportation Investment Study (RSTIS) guidelines, including oversight of 6 sub consultants. Coordinated all efforts with Project Technical Advisory Committee (including representatives of cities along the corridor, Caltrans District 7 and 8, MTA, San Bernardino County and SANBAG, FHWA, SCAG and other stakeholders including LAWA, Edwards Air force Base, and AAA), as well as decision makers. Presentations of conclusions and recommendations were made to policy makers at public hearings and to the public at Open Houses. Led all technical efforts to determine the Locally Preferred Strategy, with consensus from both Los Angeles and San Bernardino counties.
- Project Study Reports for the City of Santa Barbara: Project Manager for the preparation of transportation analyses and geometric layouts for two freeway interchange projects; one Smart Street project; and one local roadway project in the City of Santa Barbara.
- MCAS El Toro Master Plan: Project Manager for developing the ground access and circulation plan associated with the non-Airport parcels of the 4,700-acre El Toro reuse plan. Specific tasks include development of conceptual plans and layouts for the on-site roadway system; development of the OCTAM 2.8 regional model runs to test different Airport and non-Aviation alternatives and provide basis for CEQA transportation impact analysis; evaluation of transit concepts and demand; and development of conceptual plans and cost estimates for the off-site improvements.
- Los Angeles International Airport Master Plan: Responsible for developing a phased transportation improvement plan for the LAX Master Plan, including the feasibility and implementation of mitigation measures required for 4 different LAX alternatives.
- Garden Grove Traffic Model Update and Corridor Studies: Managed a five-part effort for the City of Garden Grove. The effort included: 1) a review of the existing citywide model relative to its conformance with OCTAMIII requirements; 2) the citywide traffic model update; 3) analysis of traffic conditions and potential improvements along the Valley View Corridor; 4) a neighborhood traffic management study along Orangewood Avenue; and 5) an alignment study for West-Buaro Streets.
- North Harbor Alternatives Assessment Study, Port of Long Beach: Project Manager for assessing feasibility and impacts associated with different roadway access scenarios and redevelopment of specific parcels in the Port area.

⁴ Projects listed conducted as Senior Project Manager at Parsons Transportation Group (PTG)



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- Northridge Earthquake Recovery: Managed of a \$1.6 million fast track project for Caltrans District 7. Traffic data collection, travel surveys, transit analysis, traffic impact analysis and preparation of a series of reports on travel recovery. Weekly reports on travel and construction in Los Angeles basin following the earthquake were used by the Governor for press releases on recovery status.
- East Side Costa Mesa Neighborhood Traffic Plan: Developed neighborhood traffic management plans to minimize impacts of non-local traffic and speeding through and within a Costa Mesa community. Project included working directly with City's ad-hoc committee to develop plans; public workshops to obtain residents' and business input on issues and potential solutions; and various public hearings.
- Project Study Report for Avalon/I-405 Interchange for the City of Carson. This interchange modification was a condition for approval for the Metro 2000 project and its design required approval from Caltrans and Federal Highway Administration (FHWA).
- Traffic Analysis for the I-15 - Devore Road Interchange, in San Bernardino County, California, to support the Project Study Report (Caltrans approval), New Connector Report (FHWA approval), and environmental documents for CEQA and NEPA certification.
- Traffic Management and Traffic Control Plans for the Glen Helen Blockbuster Pavilion, San Bernardino County, California, an entertainment amphitheater with ultimate capacity of 65,000 patrons.
- Newport Boulevard Crossover: Managed a study to develop improvements at this major intersection with operational problems due to its unusual configuration (five-legged cross-over with side street access) and travel patterns (heavily directional and congested on the weekends due to beach traffic). Developed geometric configurations and operations improvements for different alternatives; evaluated different alternatives from a performance and right-of-way impact perspective; presented results at public Open Houses and at the City Council.