

FRANK MARKOWITZ

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TRANSPORTATION PLANNER AND TECHNICAL WRITER

OBJECTIVE: To use strong communication, analytical, and collaboration skills to improve transportation safety and the pedestrian environment.

SUMMARY

- **Excellent communication and research skills:** writing reports and grant applications, initiating two webinars on lighting for pedestrian safety and walkability, and using statistical and economic analysis skills.
- **Extensive project management experience,** including managing transportation commitments of major development projects in San Francisco.
- **Facilitated technical and citizen committee meetings** to achieve common goals, including San Mateo County Bicycle/Pedestrian Advisory Committee.
- **Master's degrees** in urban planning and public health (concentrating on transportation and health & safety planning).
- **Certified Professional Transportation Planner** by Institute of Transportation Engineers (ITE).

PUBLICATIONS (Selected)

- "Learning from Campus: Universities as Transportation Laboratories," with Matthew McCluney, Institute of Transportation Engineers (ITE) Western District Conference, Monterey, June 2019,
https://www.westernite.org/annualmeetings/19_Monterey/Presentations/5A/5A-McCluney-Paper.pdf.
- "Innovations in Lighting for Pedestrian Safety and Walkability," with Adam Smith, ITE Western District Conference, San Diego, June 2017,
https://www.westernite.org/annualmeetings/17_San_Diego/Papers/2D-Markowitz.pdf
- *Balboa Park Station Capacity and Conceptual Engineering Study: Final Report*, project manager and co-author with Jacobs Engineering, for the San Francisco Municipal Transportation Agency (SFMTA), October 2012,
<https://www.sfmta.com/sites/default/files/agendaitems/11-6-12item11balboaparkphaseii-revisedpublicdraftreportoct2012accessibleforboard.pdf>.

- *Recent Developments in Automated Pedestrian Detection*, lead author with Jeannette Montufar and ITE Technical Committee (Washington, DC: ITE, 2011), <https://ecommerce.ite.org/IMIS/ItemDetail?iProductCode=IR-134-E>.
- “Automated Pedestrian Detection: Assessing Device Effectiveness and Potential Barriers to Acceptance in North America,” lead author with Jeannette Montufar, Maury Steindel, and Jonathan Foord (University of Manitoba), paper presented to the International Conference on Safety and Mobility of Vulnerable Road Users, Jerusalem, May 2010, http://www.pedbikeinfo.net/cms/downloads/AutomatedPedDetectionNorthAmerica_Markowitz.pdf.
- *San Francisco PedSafe: Final Implementation Report and Executive Summary*, lead author and project manager, prepared for US Federal Highway Administration, February 2008, https://safety.fhwa.dot.gov/ped_bike/tools_solve/ped_scdproj/sf/pedsafety_sf.pdf.
- *Moving People Forward: SFMTA Short Range Transit Plan*, project manager and lead editor/author, for the SFMTA, 2008.
- “Pedestrian Countdown Signals: Experience with an Extensive Pilot Installation,” lead author with Stanley Sciortino, Jack Lucero Fleck, and Bond Yee, *ITE Journal*, January 2006, <http://www.bikewalk.org/2006conference/vconference/presentations/PedestrianandBicycleTrafficSignalIssuesandDirections2.pdf>
- *Shared Parking Planning Guidelines*, lead author with ITE Technical Committee 6F-52 (Washington, DC: ITE, 1995), <https://trid.trb.org/view/459588>.

PRESENTATIONS (Selected)

- Webinar on “Lighting for Pedestrian Safety and Walkability,” University of North Carolina Pedestrian & Bicycle Information Center, October 2018 (conceived, co-organized, and participated as speaker), http://www.pedbikeinfo.org/pdf/Webinar_PBIC_101718.pdf
- Webinar on “Lighting for Pedestrian Safety and Walkability,” Association of Pedestrian & Bicycle Professionals, November 2017 (conceived, co-organized, and participated as speaker).
- “Innovations in Lighting for Pedestrian Safety and Walkability,” Institute of Transportation Engineers Western District Conference, San Diego, June 2017, https://www.westernite.org/annualmeetings/17_San_Diego/Presentations/2D-Markowitz.pdf
- “FHWA PedSafe: The San Francisco MTA/UC Berkeley Pedestrian Safety Program,” with Dr. David Ragland of UC Berkeley, Transportation Research Board (TRB) Annual Meeting, January 2009, https://safety.fhwa.dot.gov/ped_bike/tools_solve/ped_scdproj/webinar052809/sf/sf.pdf.

PROFESSIONAL PROJECT MANAGEMENT AND COMMUNICATION EXPERIENCE

Project Manager or Project Planner on over 50 transportation plans and studies. Responsible for report preparation, public presentations, analysis, budget and schedule control. Supervised engineers and planners, administrative staff, and large survey crews. Projects included:

San Francisco Municipal Transportation Agency Projects

- Numerous pedestrian and station area plans, including Balboa Park and California Pacific Medical Center projects that included lighting enhancements.
- Transportation Commitments Management for some of the largest development projects in the U.S., including Candlestick/Hunters Point Shipyard, Parkmerced, Treasure Island, Warriors/Chase Event Center
- Multimodal Capital Improvement Program
- Innovative device evaluations (including nationally influential evaluations of pedestrian countdown signals)
- Supervised environmental (CEQA) review of capital projects

Consulting Projects

- General Plan Circulation Elements for Santa Cruz County and City of Monterey
- Campus transportation plans for numerous colleges and universities, including the initial Master Plan for California State University campus at Monterey Bay
- Rail transit studies addressing station access/circulation and traffic safety issues in San Francisco Bay Area, Los Angeles, Baltimore, Sacramento, and other cities.

EMPLOYMENT HISTORY

2000 – 2018	<u>Principal Transportation Planner (Section Manager)</u> , San Francisco Municipal Transportation Agency.
1990-2000	<u>Principal Transportation Planner</u> , Wilbur Smith Associates, San Jose.
1982-1990	<u>Transportation Planner</u> for Korve Engineering (Oakland), Maryland Mass Transit Administration (Baltimore), Ruth & Going (San Jose).
1978-1980	<u>Research Associate (Health Education)</u> , American Institutes for Research in Behavioral Sciences, Palo Alto.
1975, 1977	<u>Reporting Intern (paid)</u> for <i>Business Insurance Magazine</i> (selected by American Society of Magazine Editors in national collegiate competition) and <i>Track & Field News</i> .

PROFESSIONAL AND COMMUNITY SERVICE

- Appointed member of national Transportation Research Board’s standing Pedestrian Committee. Contributed to concept paper for funded research on solid state lighting and transportation.
- Member of San Mateo County Bicycle and Pedestrian Advisory Committee (BPAC), 2010-2015, appointed by Board of Supervisors three times.

- Established and chaired two Institute of Transportation Engineers (ITE) international technical committees (lead author for published reports on automated pedestrian detection and shared parking).
- Over 20 conference presentations, including invited presentation to Urban Land Institute and plenary session presentation at ITE international conference.
- Published articles in American Planning Association's *Planning Magazine* on transportation safety.
- Officer, South Bay Transportation Officials Association, San Jose.
- Legal/legislative committee chair, Baltimore Bicycling Club.

EDUCATION

- 1998 **M.A. in Health Science, San Jose State University (Concentration in Health & Safety Planning)**. Public Health coursework in: statistical computing, GIS, evaluation and research methods, epidemiology, health education, behavioral sciences, and administration. Project report on GIS applications.
- 1982 **Master of City & Regional Planning, University of California, Berkeley (Concentration in Transportation Planning)**. Two-year fulltime program in: transportation planning/engineering, statistical/economic analysis, and land use planning.
- 1978 **B.A. in Communication/Urban Studies, Stanford University**. Courses in journalism, public administration, statistics, and computing.

REFERENCES available upon request