

Education

Engineer's Degree in Civil Engineering
Stanford University 1982

Master of Science in Infrastructure Planning
Stanford University 1981

Bachelor of Science in Civil Engineering
Purdue University 1980

Professional Registration/Memberships

Registered Professional Engineer in California, Colorado, Nevada and Utah
American Institute of Certified Planners
American Planning Association
Transportation Research Board (TRB)
Institute of Transportation Engineers

Experience

Gordon Shaw has 30 years of professional experience in all aspects of transportation planning and engineering. In his capacity as Principal with the firm, his duties run the gamut from large-scale urban transit and transportation planning to site-specific preliminary engineering design and traffic analysis. A strong focus of his work history is for resort areas developing transportation plans for environmentally sensitive areas that can efficiently accommodate large variations in travel demands. He has also conducted transportation modeling efforts for roadway design studies associated with numerous large developments in California, Nevada, and Colorado.

Transportation Planning Studies

- Long-range transportation plan for Park City, Utah
- Comprehensive transportation planning study of the Lake Tahoe Basin
- Transportation alternatives and environmental assessment for Yosemite National Park
- Assessments of need and location for potential freeway improvements in the Denver area
- Traffic/transit/pedestrian study for the City of Aspen and Pitkin County, Colorado
- Traffic calming study for Park City, Utah
- Community-wide transportation study for Murphys, California
- Circulation study for Weaverville, California

Transit Planning Studies: Resort Communities

- Aspen, Colorado
- Durango, Colorado
- Leadville, Colorado
- Jackson, Wyoming
- Mammoth Lakes, California
- Snowmass Village, Colorado
- South Lake Tahoe, California
- Steamboat Springs, Colorado
- Summit County, Colorado
- Tahoe Basin, California/Nevada

Transit Planning Studies: Other Communities

- Carson City, Nevada
- El Dorado County, California
- Folsom, California
- Grand Forks, North Dakota
- Grand Junction, Colorado
- Great Falls, Montana
- Greeley, Colorado
- Inyo County, California
- Kodiak, Alaska
- Lake Havasu/Bullhead City, Arizona
- Lassen County, California
- Lexington, Kentucky
- Little Rock, Arkansas
- Nevada County, California
- Pitkin/Garfield Counties, Colorado
- Placer County, California
- Placer County, California
- Pocatello, Idaho
- Pueblo, Colorado
- Rapid City, South Dakota
- Redding, California
- Roseville, California
- Sierra Vista, Arizona
- Sioux Falls, South Dakota
- Siskiyou County, California
- Vacaville, California
- Yuba/Sutter Counties, California
- Yuma, Arizona

Other Transit Planning Activities

- Plans for specialized transit systems providing service to the elderly and disabled of Weld County, El Paso, and Pueblo Counties in Colorado
- Statewide, specialized transit needs assessment for the Arkansas Governor's Office
- Conducted transit training workshops for conferences in Arizona, California, Colorado, New Mexico, and Oregon
- Part of the team that conducted the Transit Cooperative Research Project B-3 for the Transportation Research Board, developing an improved methodology for determining the demand for public transit systems in rural areas

Parking Studies

- Aspen, Colorado (developed award-winning paid parking program)
- The University of Colorado Health Sciences Center in Denver
- Placer County, California
- Virginia City, Nevada

- The East Shore of Lake Tahoe, Nevada
- Canyon Forest Village/Grand Canyon National Park Intercept Parking Facility, Arizona

Environmental Impact Statements/Environmental Impact Reports

- Logan, Utah
- South Lake Tahoe, California
- Truckee, California
- Tahoe City, California
- Placer County, California
- Park City, Utah
- Washoe County, Nevada
- Yosemite National Park, California

Preliminary Engineering Studies

- Bikeway design, Greeley, Colorado and Tahoe City, California
- Busway design, Aspen, Colorado
- Interchange design, Arapahoe County, Colorado and Truckee, California
- Intersection design, numerous locations
- Park-and-Ride lot design, Pitkin and Eagle Counties, Colorado
- Roundabout design, Park City, Utah and Truckee, California
- Transit maintenance facility design, Logan Utah and Susanville, California
- Transit passenger facility design, Aspen, Colorado; Logan, Utah; Park City, Utah and Eureka, California

Transportation Modeling

- TMODEL2
- Synchro/Simtraffic
- MinUTP
- TRANPLAN
- Transyt7F
- Highway Capacity Software
- Developed specialized software for analysis of transit demand, parking demand, accident-record analysis, and intersection operation
- Developed management information systems (MIS's) for transit systems incorporating preventive maintenance scheduling, inventory control, and revenue/passenger tracking

Prior to 1982, Mr. Shaw undertook a wide range of activities while with PRC Voorhees in Berkeley, California. He was employed as a Planning Engineer with the San Francisco District of the U.S. Army Corps of Engineers. In the summer of 1979, he worked as a Field Engineer for the Burlington Northern Railroad.