

Scott Chapman

Senior Associate



Scott Chapman brings over 25 years of professional experience to Nelson\Nygaard projects. Scott has managed or participated in studies for rural areas, small towns, and large urban cities across the country for over 12 years. He has analyzed fixed-route and demand-response systems in terms of system productivity, financial operation, ITS technology applications, organizational structure, and rider behaviors and preferences. His work has involved the gathering of qualitative information from a variety of stakeholders ranging from social service providers representing their constituents to local business owners speaking on fare subsidies and transit's role in economic development.

EDUCATION

M.S. Urban and Regional Planning, Portland State University, MBA., DePaul University
BSEE, Electrical Engineering, University of Illinois

EXPERIENCE

Nelson\Nygaard Consulting Associates Inc.

Senior Associate, 2006–Present, Associate Project Manager, 1999–2006

Transit Service Planning

- Managed development of Long Range Transit Plan for Kane County, IL
- Developed Transit Master Plan for the city of Kent, WA.
- Evaluated demand for potential Bus Rapid Transit (BRT) service along State Route 305 in Kitsap County WA.
- Developed Public Transit Master Plan for the Lewis Clark Valley MPO (Lewiston ID and Asotin WA).
- Prepared operations plans for streetcar projects in Salem, OR, Seattle, WA and Spokane, WA.
- Prepared bus feeder system plans for proposed LRT and BRT projects in Spokane, WA.
- Facilitated focus group/visioning sessions with transit agency boards, staff and stack holders to determine agency goals for C-TRAN (Clark County, WA) and VIA (San Antonio, TX).
- Developed ridership estimation models for proposed paratransit, fixed-route and bus rapid transit systems in medium and large urban areas including San Antonio, TX and San Francisco, CA.
- Evaluated fixed-route operations for Valley Regional Transit (Boise, ID) Regional Operations and Capital Improvement Plan.
- Developed fixed-route operation plans for Whatcom County (WA).
- Evaluated operations and financial plans for City of Bend (OR) as part of fixed-route transit system startup.
- Evaluated BRT expansion options in Vancouver, BC.

Paratransit Planning:

- Evaluated paratransit operations for TheHandi-Van system in Honolulu (HI).
- Reviewed coordination opportunities as part of an inventory of paratransit services in the Portland, OR metropolitan region.
- Lead planner for TriMet (Portland, OR) Tri-County Elderly and Disabled Transportation Plan update.
- Analyzed King County Metro (Seattle, WA) reservation, scheduling and dispatch procedures and operations as part of audit of paratransit program.

Small City and Rural Planning

- Developed Five-Year Transit Development Plan for Toole, Glacier, Pondera and Liberty Counties (MT), primarily in response to loss of intercity bus service.
- Developed Coordinated Human Services Transportation Plans for Plumas County (CA) and the Palouse five-county region (WA).
- Analyzed transportation needs and evaluated service strategies for Kootenai County (ID).
- Developed transit components for Transportation System Plans in Josephine County (OR), Ashland, OR and Pendleton, OR.
- Lead planner for public transportation plans in Astoria, OR, Walla Walla, WA and Port Angeles, WA.
- Assisted five small urban agencies in Oregon with development of ADA paratransit plans.

Transportation Demand Management (TDM) and Parking Studies

- Analyzed parking mitigation requirements for potential Seattle Alaskan Way Viaduct replacement.
- Evaluated transportation options programs for Genentech, Portland Community College and Warm Springs Gaming Enterprise.
- Analyzed residential parking program for the City of Pullman, WA and Washington State University.
- Evaluated parking and circulation options for Burnside/Ankeny Development Framework in Portland, OR.

Financial Planning and Fare Studies

- Developed financial plan including short- and long-range revenue, operating expense and capital program forecasts for Valley Regional Transit (Boise, ID)
- Prepared business plan for new intercity bus service in Walla Walla, WA
- Evaluated fare strategies as part of a fare study for C-TRAN in Vancouver WA
- Developed fare policies and evaluated operational impacts of fare policy changes for TriMet's Fareless Square in Portland, OR

Market Research and Survey

- Developed and implemented telephone and rider surveys for paratransit and fixed route systems in Oregon, Washington, Texas, Nevada and Idaho.
- Supervised on-board ridership counts for Clallam County, WA, Oakland, CA, Boise ID and Reno, NV.
- Conducted on-board surveys for paratransit service in Port Angeles, WA and Lewiston, ID.
- Researched program attributes and costs for TCRP Project J-11 report *Funding the Public Transportation Needs of an Aging Population*.

Intelligent Transportation Systems (ITS)

- Researched automated dispatch software for Bend Dial-a-Ride and Boise ValleyRide.
- Researched traveler information technology benefits for San Francisco Muni BRT lines and fare systems for Vancouver, BC BRT lines.
- Developed transit component of Vancouver (WA) Area Smart Trek (VAST) regional Intelligent Transportation System program.
- Evaluated paratransit component of a statewide transit trip planning website and public transportation impacts of Transportation Operations Center (TOC) update for the Oregon Department of Transportation.



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PREVIOUS EXPERIENCE

Leland Consulting Group
Intern/Associate, 1997–1998

Motorola, Inc.
System Architect, 1994–1996
Program Manager, 1991–1993
Electrical Engineer, 1980–1990