

Timothy D. Payne

Principal



Tim Payne is a professional transit practitioner with over 30 years of experience. He heads Nelson\Nygaard's Seattle office and is Co-Director of the firm's National Transit Practice. Prior to joining Nelson\Nygaard nearly five years ago, Tim completed a 22-year career with Pierce Transit in Tacoma, WA, where he managed all aspects of transit operations planning and scheduling, including close coordination with transit operations.

EDUCATION

BS Civil Engineering, University of Washington, Seattle, WA
Associate in Science, Olympic Community College, Bremerton, WA

EXPERIENCE

Nelson\Nygaard Consulting Associates Inc.

Principal, 2007–Present

- **Seattle Urban Mobility Plan.** Assistant Project Manager and Transit Lead. Alternative plan to replace Alaskan Way Viaduct with transit and surface street Improvements. Assisting with project coordination, nine sub-contractors, and leading effort to build transit strategies that will significantly boost transit mode share into downtown Seattle as an alternative to re-building freeway capacity through replacement of a two-level highway structure along Seattle's waterfront that has reached its useful life.
- **Washington State Ferries Operational Strategies Assessment.** Project Manager. Project to recommend alternative operating policies and practices that will assist Washington State Ferries in maximizing vessel and terminal assets including management of peak vehicle demand while decreasing operational and capital costs and increasing revenues.
- **Washington State Legislature Joint Transportation Committee Improving Coordination in Special Needs Transportation Study.** Project Staff. Study focuses on identifying barriers and recommending models that will enhance service and cost effectiveness at a regional level through coordination of transportation programs and policies.
- **Valley Transit Authority Community Bus Implementation, Palo Alto.** Project Staff. Assisted VTA, City of Palo Alto and Stanford University in reaching a consensus plan on how best to operate local transit circulation in Palo Alto, including specific routes and service levels.
- **Cupertino City Shuttles.** Project Manager. Assisted city staff in evaluation of local circulation system as an alternative response to extreme traffic congestion around three community schools. Primary scope of work was to design and cost a transit circulator system with specific street operational requirements.
- **Spokane Transit Authority Planning Function Assessment.** Project Manager. An evaluation of current planning and scheduling organization and function at STA. Scope included recommended improvements to better utilize existing staff, identify vulnerabilities, and to make recommendations for additional staff, training, and improved organizational structure.
- **Redmond Local Transit Study.** Project Manager, City of Redmond, Washington, project to identify circulation needs within the community, formulate policies and strategies to work with regional transit providers and a multi-modal street network to meet those needs. The plan also establishes standards and a monitoring system to assess priorities and progress.
- **Spokane, WA Transit Long Range Transit Plan.** Transit Analyst, assisted the NN team with concepts to rebuild and enhance downtown transit access centered around an aging and controversial downtown transit center.
- **Community Transit Long Range Transit Plan.** Project Manager, agency has adopted an aggressive vision to "think transit first" in Snohomish County. The area is overwhelmed with growth in suburban

development and more in the future. The challenge is to achieve consensus among many jurisdictions that transit has a major role in improving mobility, but needs support in local land use and transportation decisions to do so. Plan includes a transit investment framework, service design, and performance standards.

- **Victor Valley Long Distance Commuter Needs Assessment.** Project Manager, study to assess market potential for various public transit modes and methods to accommodate long distance commuters travelling to work along the Interstate 15 corridor from Victor Valley, California.
- **Seattle Transit Master Plan.** Transit Lead, develop a visionary plan for the City of Seattle that advances transit as one way to meet boarder city goals of livability, sustainability and economic stability. The plan will specifically identify city investments and policies that will yield improved mobility for trips using transit and integrate transit with master plans for pedestrian and bicycle modes, as part of the city's "walk, bike, ride" emphasis.
- **Honolulu Short Range Transit Plan.** Project Manager, create short range plan for The BUS and The Handi-Van. Objectives include creative design to mitigate transit impacts due to light rail construction and to establish a sustainable service level and vehicle acquisition plan.
- **Redmond Transportation Master Plan Update.** Transit Lead, assist city in developing transit policies and measures of effectiveness to support higher dependency on transit as support for local circulation and improving regional access. All to support Redmond's long-term goals of a livable, sustainable community.
- **Culver CityBus Line by Line Analysis.** Project Manager, a comprehensive analysis and report of Culver CityBus services including an full system count, an on-board survey, and strategies for addressing financial issues and future rail integration with the EXPO line opening in 5 years.
- **Pace I-355 Express Bus Corridor Development Plan.** Project Manager, Pace desires a plan to guide future investments in the corridor. Project to assess transit market demand to create a short and long range service and capital plan to meet corridor travel demands. I-355 is a 30 mile long north-south, rapidly developing corridor in the western suburbs of Chicago that currently has little transit service.
- **Kansas City Comprehensive Service Analysis.** Scheduling and work force management lead, complete analysis of KCATA's route network with a goal of updating the transit network, improving service to the community, and improving efficiency.

PREVIOUS EXPERIENCE

Pierce Transit, Tacoma, Washington

Senior Operations Planning Manager, 2001–2007

- Directed all fixed route and paratransit service planning and scheduling for Pierce Transit with a 200 bus fleet and a 90 vehicle paratransit fleet. Prepared annual service budget and had oversight of all service changes.
- Designed service and implemented "trunk routes" featuring high frequency service, transit signal priority, extensive customer amenities and close attention to reliability as a precursor to BRT operations in these corridors.
- Created commuter rail feeder routes. The routes daily eliminate the need for more than 300 downtown station area parking spaces and continue to grow.
- Managed the statistical reporting functions for Pierce Transit including the transit operating portions of the National Transit Database as well as lead responsibility for transit planning sections of seven FTA Triennial Audits.
- Provided expertise on scheduling subject matter for labor negotiations.



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- Negotiated, 2004, with Sound Transit renewal of the interagency operating agreement for Regional Express Service. This included extensive work and review of a cost allocation model used to establish compensation.
- Provided expertise in service procurement for writing RPF's, evaluating proposals, writing contract provisions and negotiating contracts with vendors.
- Lead development, design review, documentation of processes, and testing for the scheduling discipline in an implementation, 2006-2007, of a computer-aided dispatch and automatic vehicle location system, including automatic passenger counters and automatic vehicle annunciation.

Service Planning Manager, 1990–2001

- Designed and implemented routes and schedules, negotiated contracts and bus customizing specifications for Pierce Transit's most successful new service introduction -- The Seattle Express (1990). In 1997 negotiated with Sound Transit to create a service partnership to further improve service.
- Principal author and coordinator of Pierce Transit's ADA Complementary Paratransit Plan, including all public participation in plan development and adoption.

Senior Planner, 1985–1990

- Project Manager for successful implementation of the HASTUS automated scheduling system including staff training and assistance.

Washington State Department of Transportation, Washington State Ferries, Seattle, Washington

Service Planning Manager, 1977–1985

- Planned short and long term service functions of Washington State Ferries. Directed a consultant and internal staff team process to update the long range plan which included the introduction of passenger-only service to Puget Sound.
- Planned all aspects of the emergency ferry service following the collapse of the Hood Canal Floating Bridge..