

RAIL AND CORRIDOR PLANNING

Nelson\Nygaard knows that successful rail and corridor planning goes beyond engineering. Using our expertise in system operations and different transit technologies, we will recommend the best mode for the corridor, anticipate operational problems, and quantify tradeoffs and successes so our clients achieve larger community goals through transit.

Developing Performance Measures

Nelson\Nygaard begins the planning process by working with clients to clarify their priorities and define success in transit terms. We develop performance tools that can calculate, in quantitative terms, the Return on Investment (ROI) for qualitative community goals such as economic development, livability, community character and social justice.

Technology Selection

The most crucial step in rail planning is determining the technology that will best serve the community. With years of experience with light rail, heavy rail, commuter rail, streetcar and BRT systems, Nelson\Nygaard will outline the necessary land-use changes, funding opportunities and parking policy changes that each technology will require; and make recommendations based on the calculated ROI of each.

Station Area Design

As the interface between a transit system and the local community, station area design has a major impact on a rail system's success. Nelson\Nygaard balances the complex matrix of factors to optimize ridership and revenue for your rail system, from station location to joint development, from parking supply management to feeder transit connectivity, and multimodal factors (bike and pedestrian system improvement).



Recent Projects include:

- **BART, California** — I-580 Corridor Extension
- **Seattle South Lake Union, Washington** — Streetcar Project Final Design
- **AC Transit, California** — BRT for International Boulevard and Telegraph Avenue
- **Walden Commuter, New York** — Feasibility Study