

BUS RAPID TRANSIT (BRT)

Bus Rapid Transit (BRT) typically refers to routes that have a higher level of frequency (15 minutes or better), a longer operating span and far fewer stops than traditional “local service” bus routes. Nelson\Nygaard has the experience and tools necessary to prepare BRT operating plans, station area plans and feeder bus networks.

Data Collection

A precise snapshot of current transit activity is the foundation for all planning. Nelson\Nygaard begins its BRT assessment with ridechecks, surveys, and on-time performance evaluations. The firm also ensures its BRT plan reflects community values and local needs, combining data collection with intensive public outreach.

Improving Network Connectivity

BRT lines must be integrated into the surrounding transit environment. Our plans include a redesign of the transportation network wherever it touches the BRT route, to improve connectivity and minimize delay; this allows operators to maximize the use of resources and enhances the passenger experience, attracting new riders.

Station Access

To improve passenger comfort and ease of access, BRT stations mimic light rail stations in their design. Nelson\Nygaard makes recommendations for station locations and design, to both accommodate riders and blend in with their surroundings.

Operations Planning

Nelson\Nygaard creates plans with the full expectation that they will be put into service. All our BRT plans include on-time performance evaluations and recommendations for scheduling and staffing that fully meet the needs of operational staff.



Recent Projects include:

- **AC Transit, California** — International Telegraph BRT
- **Livermore Amador Valley Transity Authority, California** — Route 10 - Bus Rapid Transit Operations Study
- **Reno Regional Transportation Commission, Nevada** — TC Virginia Street BRT Project Development