

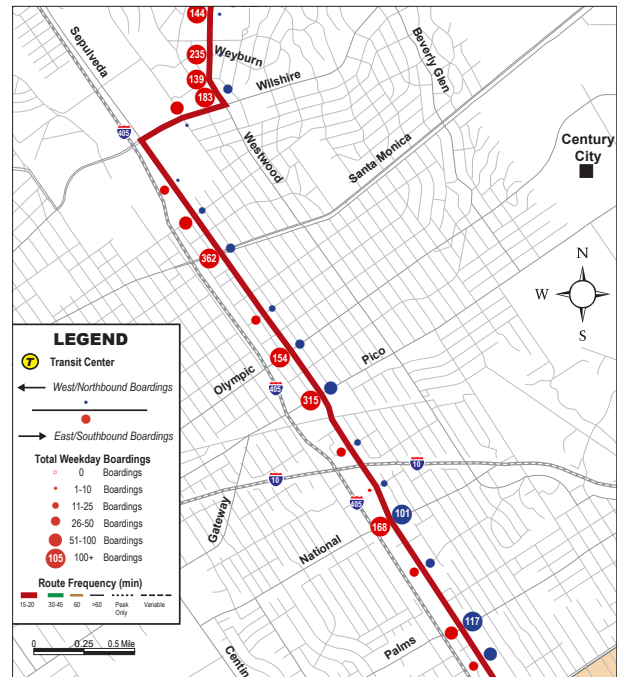
CityBus Line-by-Line Analysis

In 2003, Nelson\Nygaard was hired by the City of Culver City to undertake a comprehensive, line-by-line data assessment of its six-route operation. Operating in West Los Angeles, the Culver CityBus is one of 17 mid-size municipally operated bus systems in Los Angeles County. The system has 46 buses and carries nearly 17,000 passengers each weekday. Culver CityBus provides direct connections with a number of other bus and rail operators including Santa Monica's Big Blue Bus, UCLA's on campus shuttle system, Los Angeles MTA (Bus, BRT, and LRT) and the Los Angeles International Airport shuttle system. One of the CityBus routes (Line 6) is a candidate for conversion to "Metro Rapid Bus Rapid Transit" service within the next one to two years.

The line-by-line assessment was intended to provide transit staff with a complete and accurate assessment of passenger and bus activity during a

"typical" day. Nelson\Nygaard collected data during a seven-day on-site survey process, focused on four separate data sources: an on-board passenger survey; an on-board passenger ridecheck; transfer analysis (both paper and monthly pass transfers); and an on-time performance check.

Nelson\Nygaard staff used Microsoft Excel and SPSS to tabulate, analyze, and graphically represent the information collected in each data source. Tables, graphs, and maps were created that depicted boardings by stops, by trip and by time of day, as well as load factors and maximum load points for each route.



Project Duration: 2003–2004

Total Budget: \$80,000

For more information:

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