



**TIMEFRAME:**  
1999 to Present

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(BRT PILOT, FIVE-YEAR PLAN,  
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Russell Chisholm

## Los Angeles County BRT

TMD managed LA's award-winning Metro Rapid arterial BRT project from concept through design to implementation and expansion for the Los Angeles County Metropolitan Transportation Authority (Metro).



TMD work included a County-wide assessment of potential BRT corridors, corridor selection and development of service alignments, design, location, and site plans for Rapid stations, establishing operating protocols (headway-based operation), coordination with City of LA signal priority and "next trip" display system, vehicle and station branding and graphics, preparation of operating schedules, training program for supervisors and operators, and development of the operating and capital financial plan for the original two demonstration lines and six subsequent Metro Rapid lines as part of the 29-line Five Year Metro Rapid Plan. The Plan's vehicle recommendations led to the Metro procurement of BRT designed 45-foot and articulated buses.



TMD subsequently completed a Mid-Term "lessons learned" evaluation of the first 15 Metro Rapid lines to assess the success of the various service attributes, individual corridor operating impacts, market penetration, and actual performance compared with other Metro rail and bus modes. The evaluation updated the Metro Rapid design warrants and attributes and recommended completion of the BRT network.

TMD was involved in the Metro Orange Line BRT including review of the service and operating plan for the revised FEIS for the original corridor. TMD was also responsible for the purpose and need analysis and the development of the service and operating plan for the various Orange Line extension alternatives.

TMD completed LA Metro's Countywide Bus Speed Improvement Program (BSIP) that identified new high demand corridors and specific bus priority strategies for travel delay reduction. This work expands on TMD's development of Metro's Wilshire BSIP pilot, which received the highest FTA cost effectiveness rating ever as part of FTA "Very Small Starts." TMD currently serves as a General Planning Consultant to Metro.

**TMD**  
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