



West Broadway Avenue Roadway Design

METRO Blue Line LRT Extension (BLRT)

April 2015

Summary of Recommendations

Design Element		Recommendation*	Support
Pedestrian and Bicycle Facilities		10' trails on both sides of the roadway	Trails provide for continuous facilities for walking and biking, where the existing roadway has no facilities for portions of the corridor. 10' trails provide space for two-way bicycle traffic and allow space for shared use (pedestrians and bicyclists). 10' trails allow for better snow plowing of the trail.
Pedestrian and Bicycle Crossing Infrastructure		Audible push buttons, countdown timers, accessible ramps, and median refuge at stations	Audible features and ramps make the crossings accessible for all users. Median refuge provides a safe place to wait for pedestrians that cannot cross in one stage.
Boulevard		8' boulevard	Boulevard provides adequate space for grass, trees, lighting, and snow storage. Lighting along the corridor enhances safety and aesthetics.
Vehicle Lanes	Through Lanes	4 lanes	4 traffic lanes will provide adequate capacity for existing and future traffic volumes.
	Turn Lanes	Left-turn lanes at signalized intersections only	Left-turn lanes are needed for safe crossings of LRT.
		No right-turn lanes	Through lanes provide adequate capacity for right-turn movements.
Traffic signals		At 10 locations shown on layout: 73 rd Ave 75 th Ave 76 th Ave Brooklyn Blvd Candlewood Dr College Park Dr 85 th Ave Setzler Pkwy 93 rd Ave 94 th Ave	Provide additional opportunities for pedestrians and bicycles to safely cross and for vehicles to safely turn onto W Broadway Avenue. Provide more even spacing between signals compared to existing conditions. Signals control LRT movements at intersections, which have less right-of-way, traffic, and noise impacts than gates.
Stormwater		Curb and gutter to collect stormwater, along with linear storm sewer system	Stormwater collection will reduce or eliminate existing flooding and drainage issues

*Design elements will continue to be refined during final design to address property impacts on a case-by-case basis.