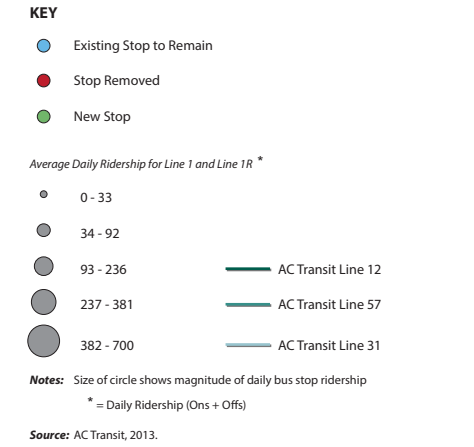
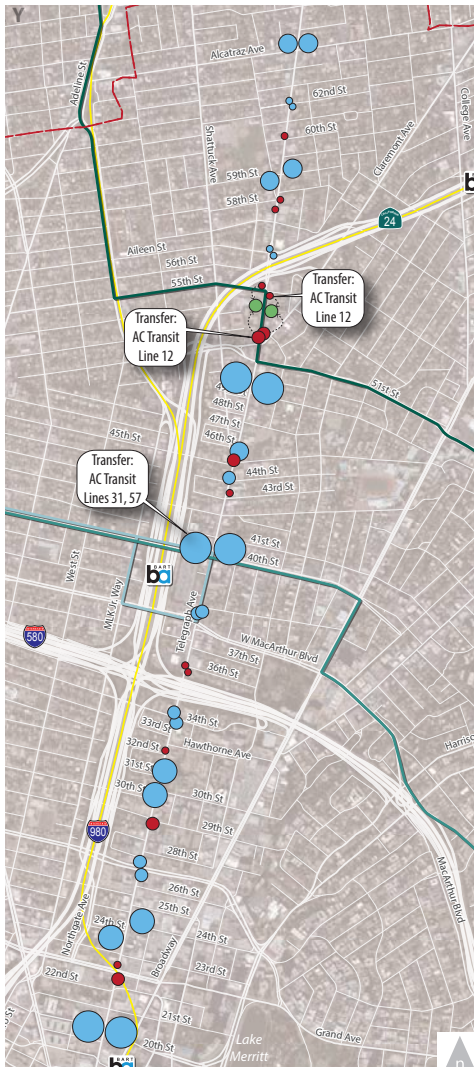
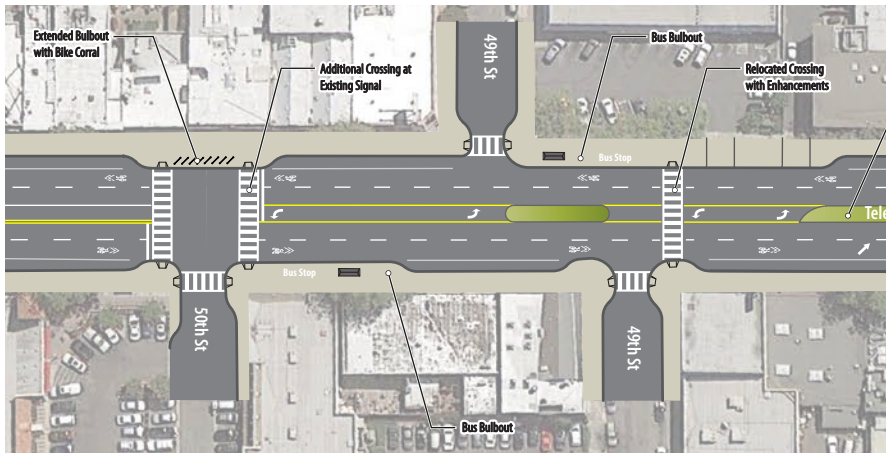


LINE 1 & 1R CONSOLIDATION OPTION

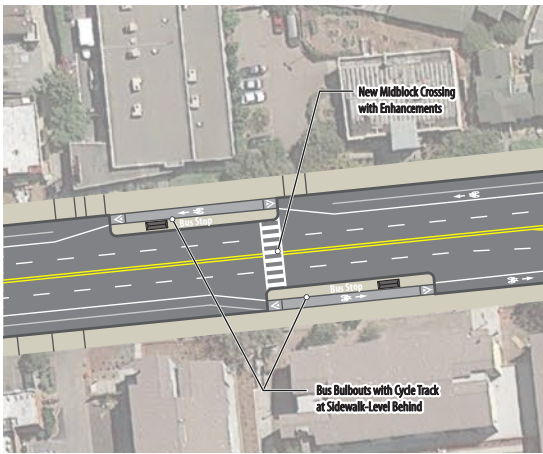


BUS BULB-OUT CONFIGURATION OPTIONS



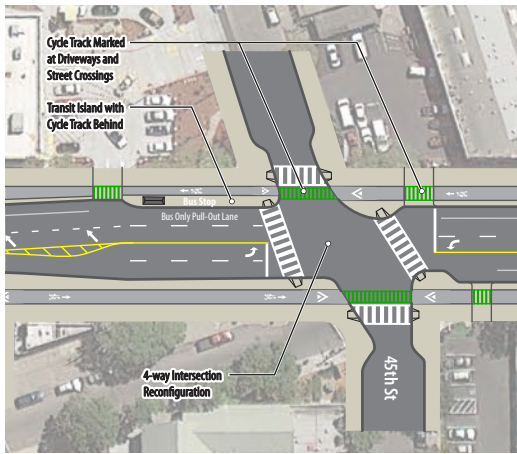
STANDARD BUS-BULB

- Bus stops in outside travel lane
- Bus pulls straight into stop
- Bus-bulb provides expanded pedestrian zone adjacent to existing sidewalk
- Bicycles share outside travel lane with buses



BIKE LANE BEHIND BUS-BULB (ROAD DIET)

- Bus stops in outside travel lane
- Bus pulls straight into stop
- Bus-bulb provides space for shelter, benches, etc. away from existing sidewalk, freeing sidewalk space
- Bicycle lane connects behind bus stop to eliminate bus-bike conflict point at bus-bulb



CYCLE TRACK BEHIND BUS-BULB (ROAD DIET)

- Bus stops in bus pull-out lane
- Bus pulls straight into stop
- Bus-bulb provides space for shelter, benches, etc. away from existing sidewalk, freeing sidewalk space
- Cycle track connects behind bus stop to eliminate bus-bike conflict point at bus-bulb

MINIMIZING ROAD USER CONFLICTS, MAXIMIZING SPEED & EFFICIENCY

BENEFITS OF THE ROAD DIET, CONSOLIDATION & TREATMENT OPTIONS

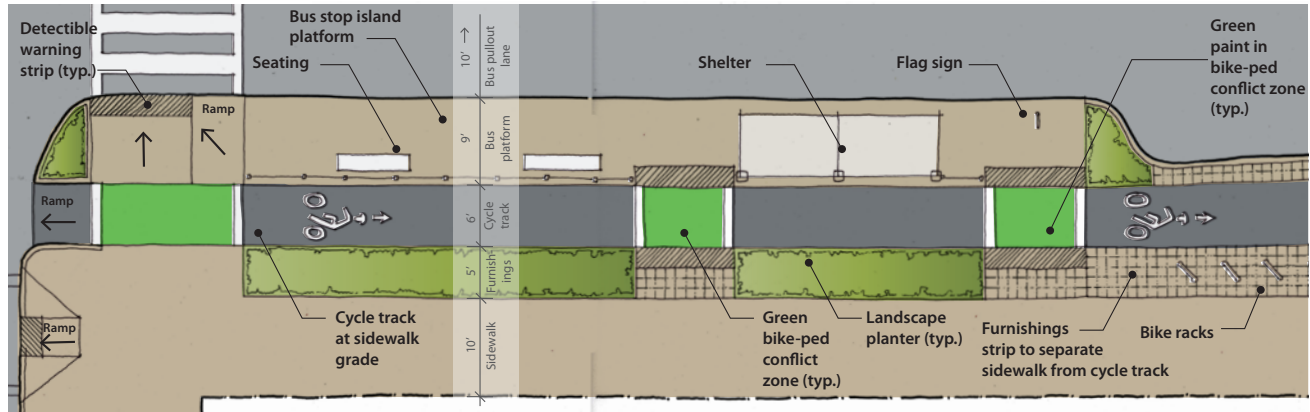
- Minimize bus-bicycle conflict in roadway:** A road diet provides sufficient space for separate bicycle lanes or cycle tracks so that buses do not have to share the vehicle travel lane with cyclists.
- Minimize bus-bicycle conflict at bus stops:** Bus bulbs provide opportunities to physically separate bicycles and buses at bus stops by routing bicycles behind the bulb (creating a "transit island").
- Enable more efficient transit service:** Bus bulbs provide a more convenient and efficient transit facility for bus operators to access and egress;
- Improve transit passenger waiting environment:** Bus bulbs provide space for shelters, benches and signs, while freeing space from existing sidewalks for landscaping, bike parking, seating and other furnishings;
- Improve bus speed and reliability:** Transit Signal Priority (TSP) combined with bus stop relocation to the far-side of signals, and queue bypass lanes improve service speed and reliability.

INCREASE TRANSIT SPEED WHILE IMPROVING THE TRANSIT RIDER EXPERIENCE

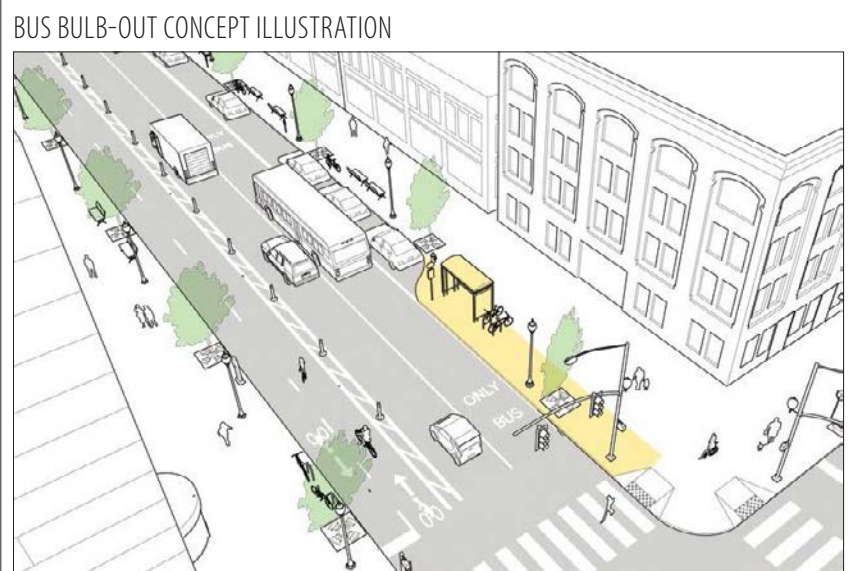
NORTHBOUND	BUS SPEED		SOUTHBOUND	BUS SPEED	
	AM	PM		AM	PM
Baseline	11.1	11.4	Baseline	12.0	11.0
Full Road Diet without Treatments	8.7	10.5	Full Road Diet without Treatments	6.0	3.9
Full Road Diet with Treatments	9.9	11.3	Full Road Diet with Treatments	11.8	10.4
Proposed Road Diet with Treatments	11.1	11.4	Proposed Road Diet with Treatments	12.2	11.0
Proposed Road Diet with Treatments and Queue Bypass Lanes	11.3	11.7	Proposed Road Diet with Treatments and Queue Bypass Lanes	12.4	11.3

URBAN DESIGN TO IMPROVE THE TRANSIT PASSENGER ENVIRONMENT

TRANSIT ISLAND WITH CYCLE TRACK AND PLANTERS



EXAMPLES OF BUS BULBS AND TRANSIT ISLANDS



TRANSIT ISLAND WITH BIKE LANE BEHIND: SEATTLE, WA



Source for images: NACTO Urban Street Design Guide - <http://nacto.org/urban-street-design-elements/curb-extensions/bus-bulbs/>

STATION #6

TELEGRAPH AVENUE COMPLETE STREETS IMPLEMENTATION PLAN