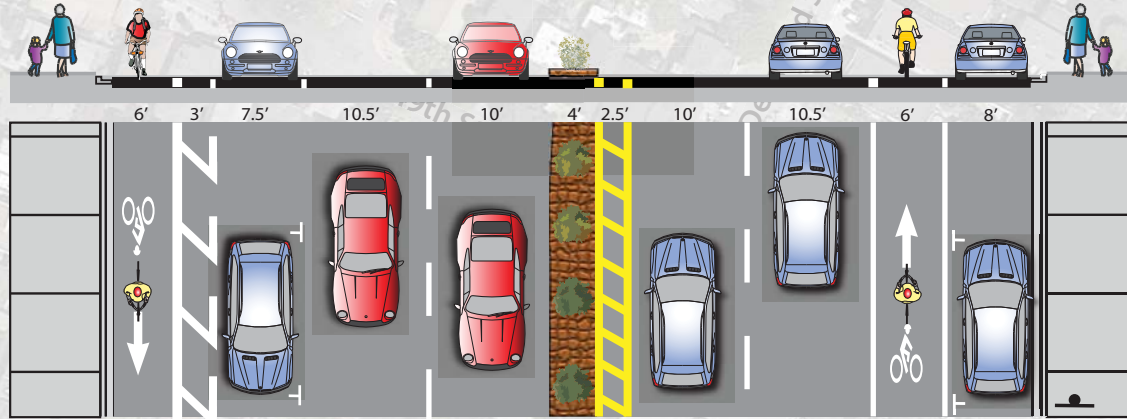# Oakland Technical High School Improvement Plan DRAFT
February 6, 2013

1 Broadway Road Diet Concept - 42nd Street to 45th Street (assumes 78' curb-to-curb)

During upcoming resurfacing on Broadway, consider incorporating a southbound parking-protected bike lane between 42nd Street and 45th Street. This creates a loading space for drivers at the school entrance that does not conflict with bicyclists. Intersection transitions to a standard bike lane will need to planned at both 42nd Street and 45th Street, as well as at bus stops.

6' 3' 7.5' 10.5' 10' 4' 2.5' 10' 10.5' 6' 8'

Oakland Technical High School

Legend

○ School access point

🚌 AC Transit bus stop

🚲 Proposed bicycle parking

- - - Planned bike lanes

❶ Broadway Repaving Project
- During the Broadway repaving project, consider installing parking-buffered southbound bike lanes between 45th Street and 42nd Street.
- Consider installing additional "no parking" signage on the west side of Broadway between 42nd Street and 45th Street.

❷ Broadway at 42nd Street
- Restripe all crosswalks as high-visibility yellow.
- Stripe additional width in northern crosswalk to accommodate higher pedestrian volumes.
- Stripe advance stop bars for vehicles on Broadway.
- Extend pedestrian crossing phase, study impacts of leading pedestrian indicator (LPI).

❸ Broadway & 42nd Street Bus Stop
- Consider adding a paved plaza with seating adjacent to the bus stop, providing a waiting area for students and reducing the number of students blocking the sidewalk.

❹ 42nd Street
- Stripe yellow curb for special-needs student buses.
- Restripe exisitng crosswalks as high-visibility yellow.
- Stripe "shark teeth" yield pavement markings and install signage at 42nd Street at Emerald Street.

❺ Secure Bicycle Parking
- Install secure, monitored bike cage inside school grounds.
- Supplement existing bike racks at the school entrance with U-racks, or a similar rack design.

❻ Broadway at 45th Street
- Restripe all crosswalks as high-visibility yellow.
- Stripe additional width in southern crosswalk to accommodate higher pedestrian volumes.
- Stripe advance stop bars for vehicles on Broadway.
- Study impacts of "No U-Turn" sign for northbound drivers on Broadway, requiring drivers to U-Turn at 51st Street.

❼ 45th Street
- Restripe existing crosswalks as high-visibility yellow.
- Stripe "shark teeth" yield pavement markings and install signage at 45th Street mid-block crossing.

❽ Curb Ramp Retrofits
- Retrofit all curb ramps around school grounds with yellow truncated domes.

❾ School Signage Update
- Update School Zone signage around school grounds to comply with CA MUTCD.

Safe Routes to Schools
Alameda County