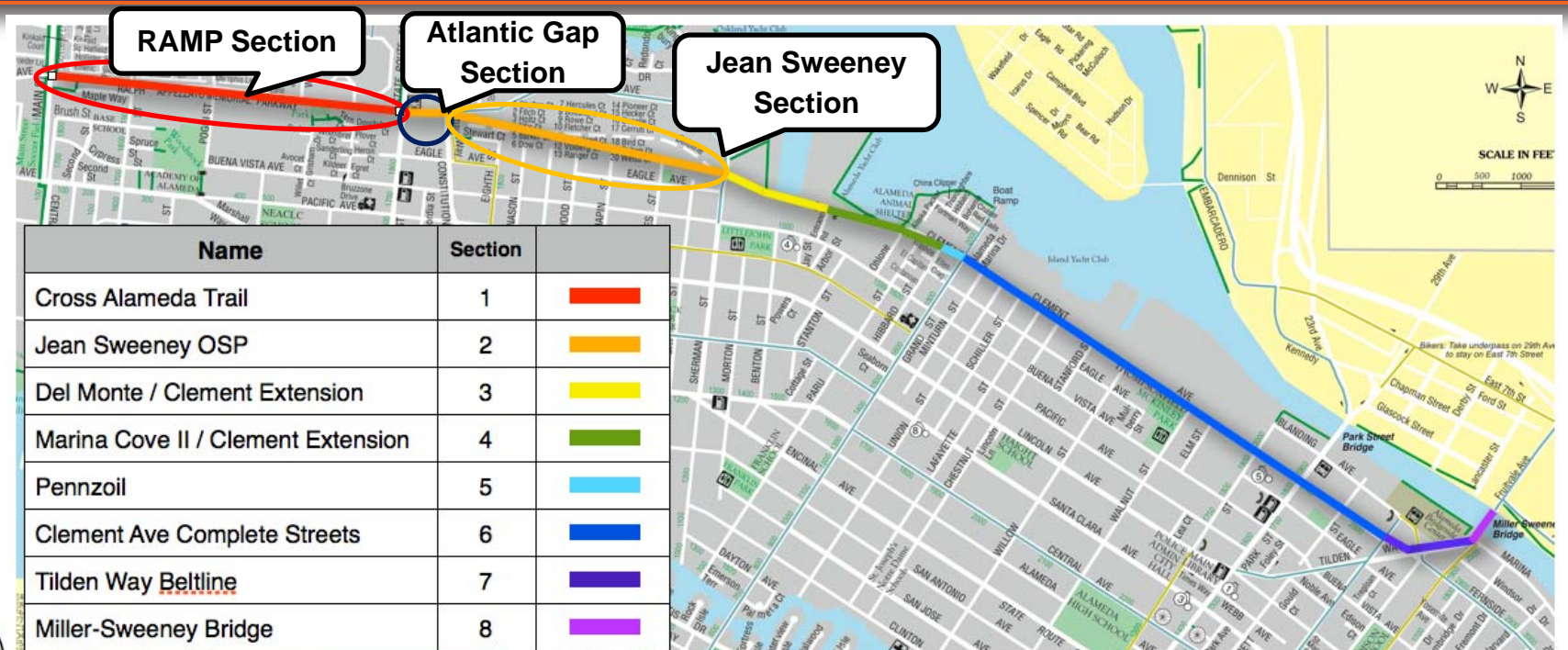


Approve Cross Alameda Trail: Atlantic Gap Design Concept

City Council, Item 6-D
April 18, 2017



Cross Alameda Trail: Big Picture



Atlantic Gap Project Benefits

- Creates a safe, multi-modal street for **all** users
- Connects 1.5 miles of continuous off-street trail in 2018
- Develops seamless transit connections
- Increases safety for people walking and bicycling
- Builds bicycling facility where none exists
- Connects to citywide bicycle network
- Creates minimal impacts to motorists



Atlantic Gap Project Constraints

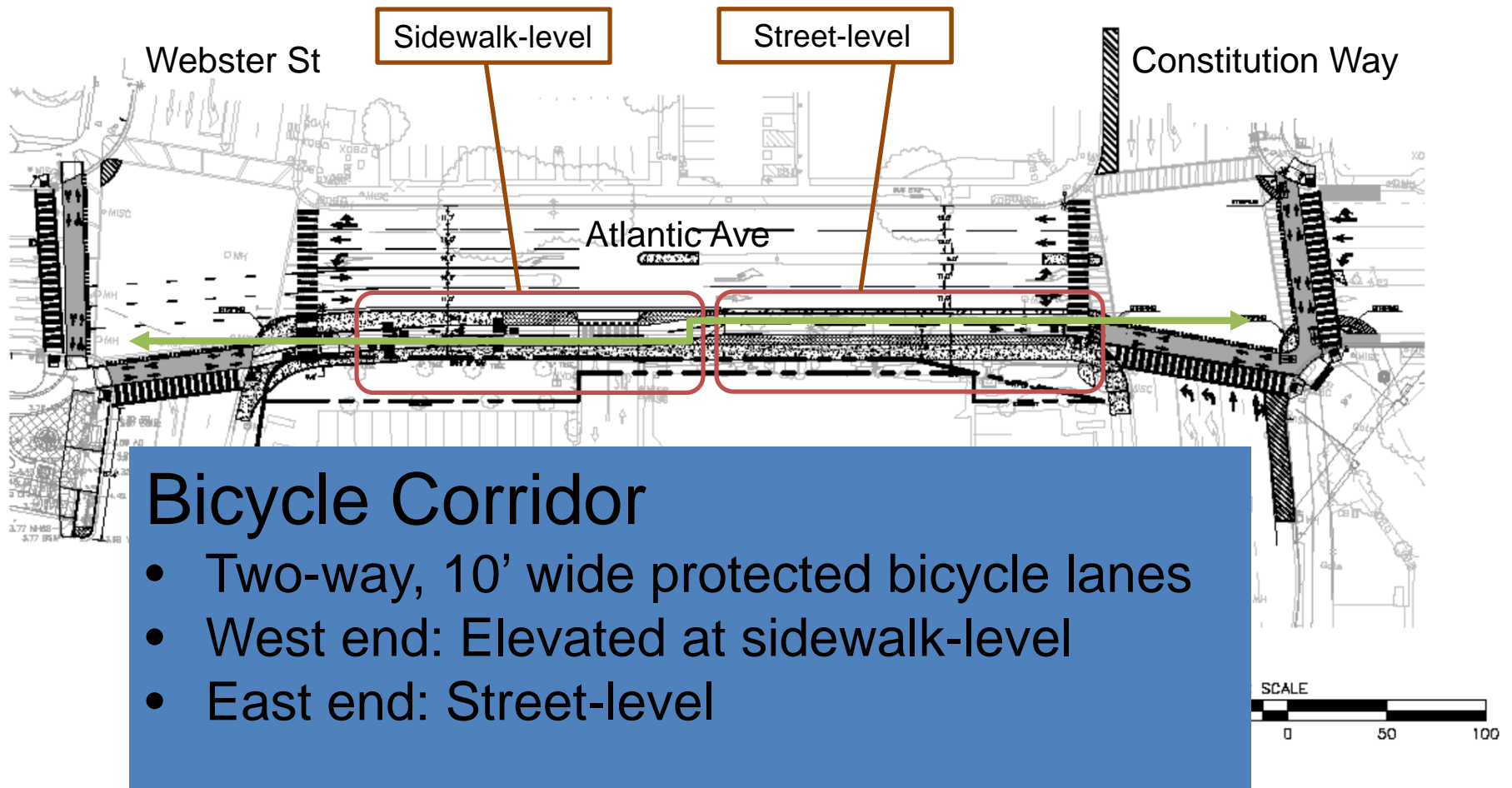
- Limited right of way
- Major utilities
- Important bus stops
- Bordered by high-usage transit and auto intersections
- Busy driveways on Atlantic
- Truck route



Recommended Concept

- Southside facility, connecting to off-street CAT segments
- Two-way protected bicycle lanes
- Sidewalk

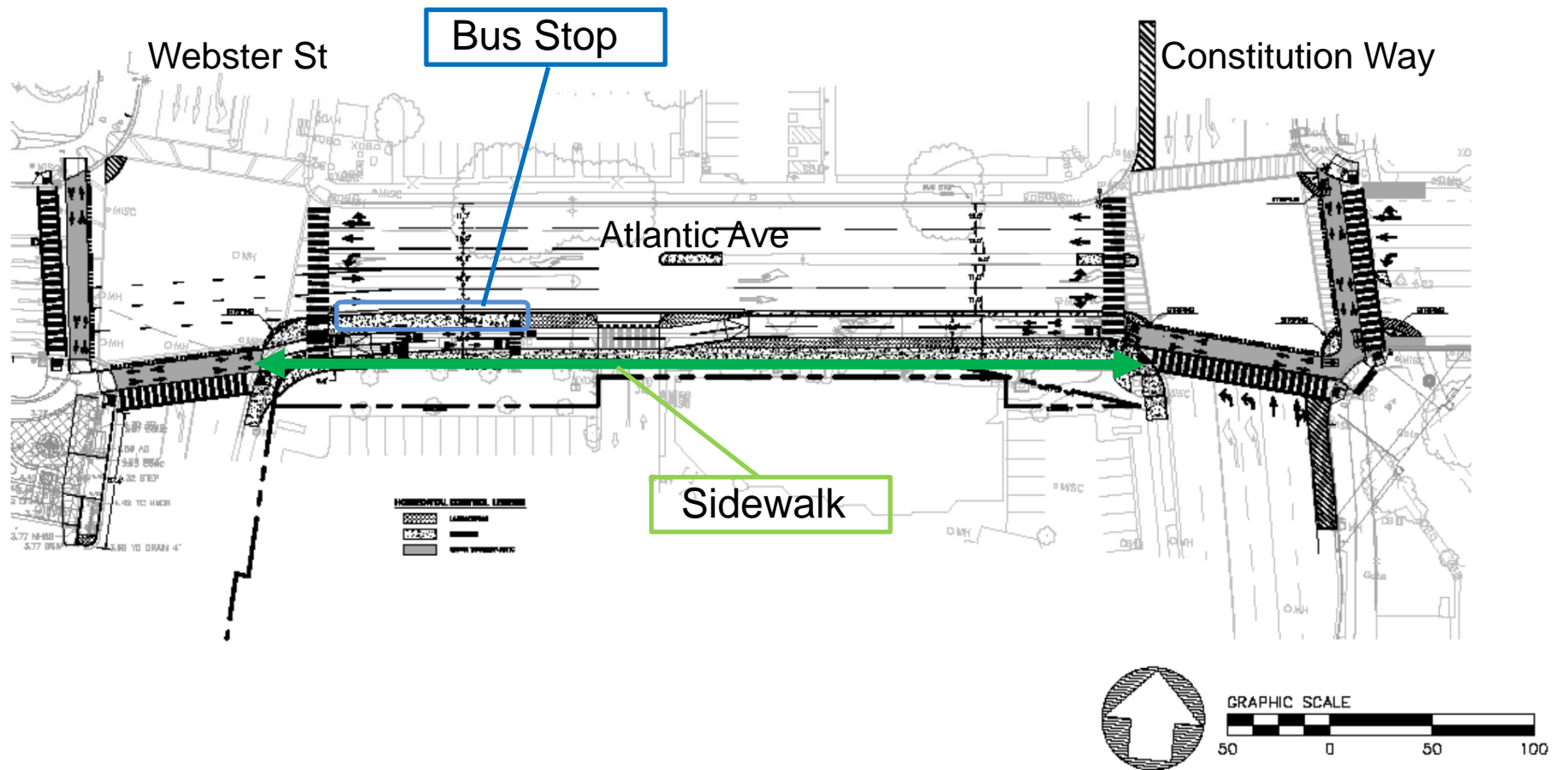




Recommended Concept (cont.)

- Pedestrian Corridor
 - Continuous 6' to 7.9' sidewalk
 - Large pedestrian refuge for northbound peds
 - ADA accessible
- Bus Stop (Eastbound)
 - Upgraded, 8' wide concrete bus pad, per AC Transit requirements
 - Level crossing from sidewalk to bus stop, across protected bike lanes

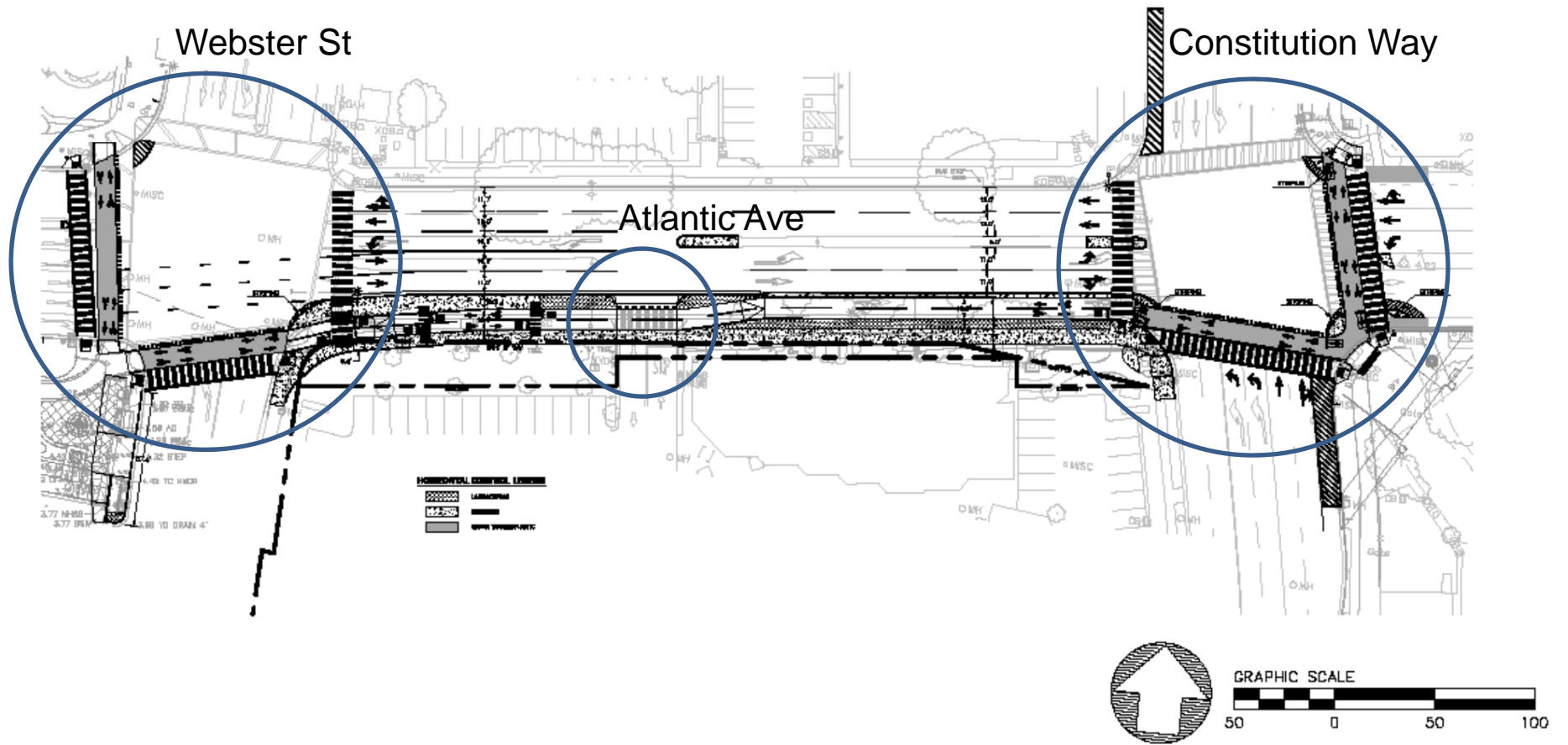




Recommended Concept (cont.)

- Intersection Crossings & Safety
 - Protected intersections: Raised corner safety islands with visible curb aprons to slow turning cars
 - Protected left turn signal phase from Atlantic to Constitution
 - Warning signage
 - Separated bicycle and pedestrian crossings with high visibility paint
 - Bicyclists at sidewalk-level through driveway





Recommended Concept (cont.)

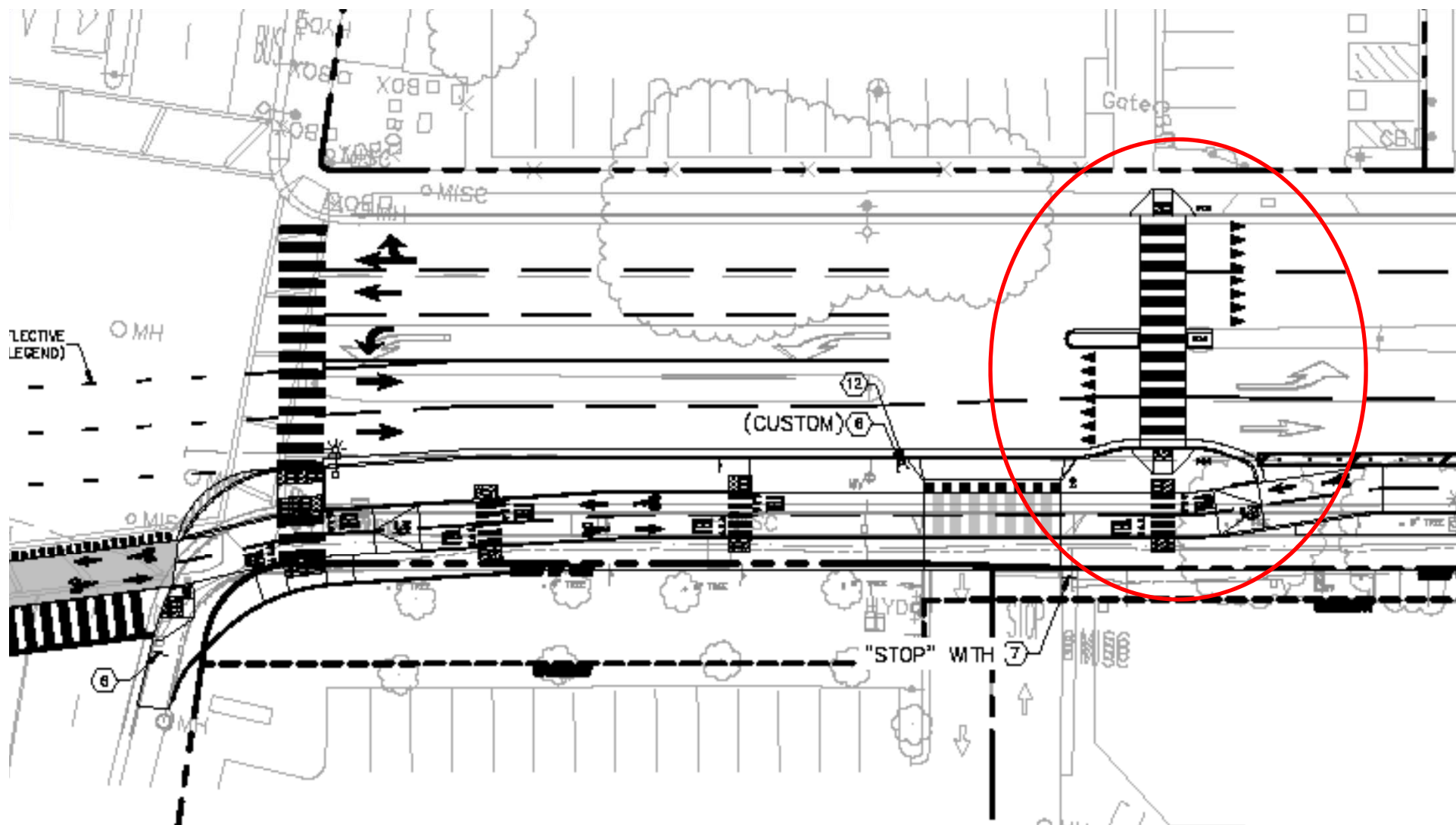
- Auto Travel Lanes
 - Two eastbound lanes remain
 - One eastbound lane removed for half block, from driveway to Constitution, to add protected bike lanes
 - No changes to number of westbound lanes



Recommended Concept (cont.)

- Midblock Crossing
 - Considered and evaluated, but not recommended
 - Does not meet key guidance criteria: pedestrian volume, collision history and distance to nearest signalized crossing





Transportation Commission Recommendation

- Approved Design Concept (without midblock crossing) in March 2017, with following direction:
 - Include multi-modal education and enforcement plan
 - Limit construction impacts to businesses and all users
 - Consider: Additional warning signage for bicyclists to slow and look for motorists, Restricting left turns into the southern driveway during peak hours, and Additional traffic simulation analysis



Recommendation

- Approve Cross Alameda Trail Atlantic Gap Design Concept



Questions

