

SR 24-260 Item 2.A.

TRANSIT SUPPORTIVE DESIGN GUIDELINES

Richmond ILC
April 25, 2024

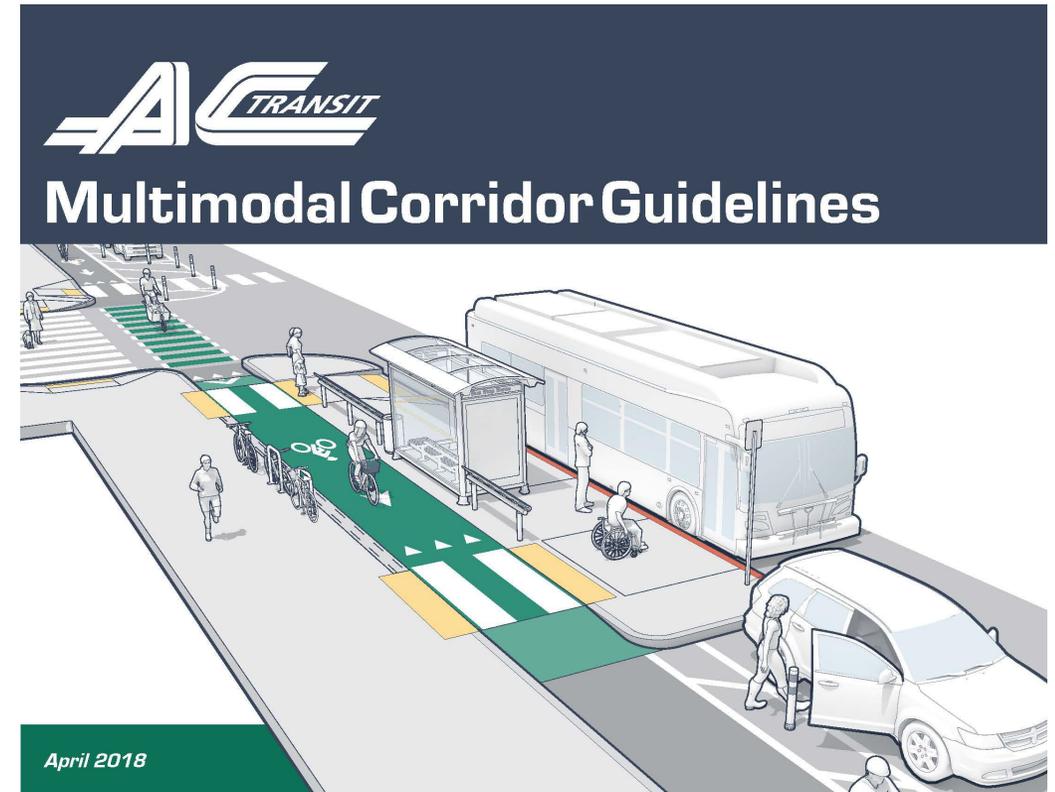
Crystal Wang
Transportation Planner



BACKGROUND



- In 2018, AC Transit Board approved the Multimodal Corridor Guidelines, which provided design recommendations for bicycle facilities at bus stops.
- The guidelines did not address key considerations for paratransit operations and efficient fixed route service



WHY DO WE NEED NEW GUIDELINES?



	Multimodal Design Guidelines (2018)	Transit Supportive Design Guidelines (2024)
Guidelines that accommodate Paratransit service	No	Yes
Facilities for passenger comfort and safety at bus stops	No	Yes
Transit operations improvements - bus/bike separation	Yes	Yes
Other design features that promote transit service (i.e., layover space, transit lanes)	No	Yes

GUIDELINE ELEMENTS (DRAFT)



- Bus stops
 - Dimensions – regular curb, curb extensions, boarding islands (with or without amenities), street with parallel parking vs street with diagonal parking
- Preferred stop locations (based on geometry, intersection control)
- Designs not compatible with transit
- Layover space (size, location, access to restroom etc.)
- Roadway design, including transit lanes, and queue jumps
- Pedestrian access improvements to/from bus stops
- Paratransit operations and needs

EAST BAY PARATRANSIT (EBP) OPERATIONS



- EBP provides curb-to-curb service; door-to-door upon request
- For safety reasons, EBP drivers cannot lose sight of a van or leave riders in the van unattended
- EBP vans are 27' long, side loading, and need 8'x5' clear space for deploying a lift
- EBP vans can stop at:
 - Bus stop/paratransit combo stops
 - Paratransit only stops
 - Loading zones
 - Off-street lots with dedicated spaces
 - Bike lanes when accessing a curb space
 - Drive-through driveways
- EBP vans cannot stop at:
 - Driveways (vans are not permitted to back out)
 - Red curbs, including bus stops



BUS STOP DESIGN TYPOLOGY



Curbside with no bikeway present



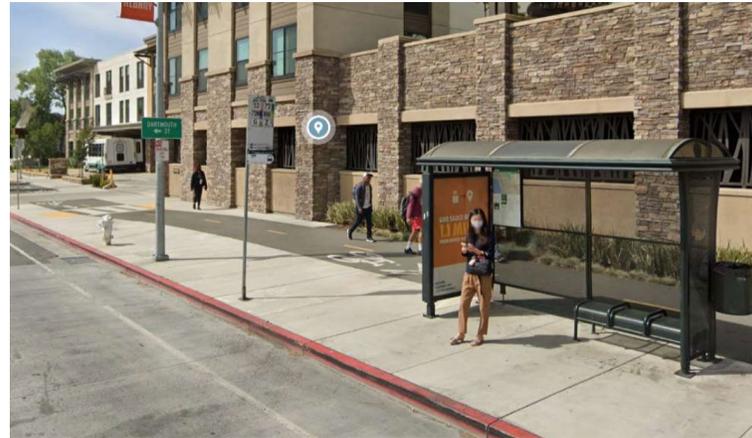
Shared lane with class II bikeway



Floating with roadway-grade bikeway



Floating with raised (sidewalk-level) bikeway



Integrated shared-use path



Constrained step-out landing

OUTREACH



- In-reach with AC Transit staff
- AC Transit Board, General Manager's Advisory Committee (GMAC), East Bay Paratransit Access Committee (EBPAC)
- Technical Advisory Committee (comprised of city and jurisdiction staff)
- Presentations at Interagency Liaison Committees (ILCs)
- Presentations to Transportation Commissions
- Presentations to Bicycle/Pedestrian Advisory Committees
- Presentations to Commissions on Persons with Disabilities and Commissions on Aging

PROJECT TIMELINE



Kick Off Meeting

TAC Meeting #1

TAC Meeting #2

TAC Meeting #3

Final Design Guidelines

Spring 2023

November 2023

March 2024

Early Spring 2024

Complete June 2024