



Bus Accelerated Infrastructure Delivery (BusAID) Program: Draft Scoring Criteria

Regional Network Management Committee Customer Advisory Group
October 27, 2023 Agenda Item 3b Attachment A

Today's Agenda

- **2023-2024 Program Priorities**
 - **Regional Transit Priority Policy**
 - Program Overview & Schedule
 - **Bus Accelerated Infrastructure Delivery (BusAID)**
 - Program Overview & Schedule
 - Draft Scoring Criteria & Weighting

2023-2024 Program Priorities

- **Regional Transit Priority Policy**

- Foster more efficient and effective delivery of transit priority throughout the Bay Area, to be kicked off with an interactive workshop.

- **Bus Accelerated Infrastructure Delivery (BusAID)**

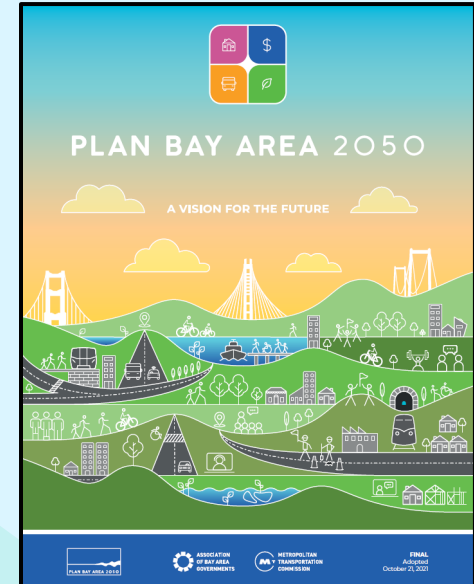
- Inventory and prioritize operator-identified delay “hotspot” locations with transit speed and reliability issues.
- Recommend projects for funding and facilitate the delivery of quick-build projects.



Action

9

12



Action

6F

Regional Transit Priority Policy Overview

- Develop a **regional policy to accelerate implementation of transit priority treatments** that increase transit speed and reliability.
- Address existing barriers to transit priority such as:
 - Inconsistent or inefficient project development and delivery process
 - Nonexistent or ineffective coordination between transit operators and roadway owners
 - Finite space for different roadway configurations and uses
 - Limited funding for transit priority projects
 - Limited staff knowledge or capacity

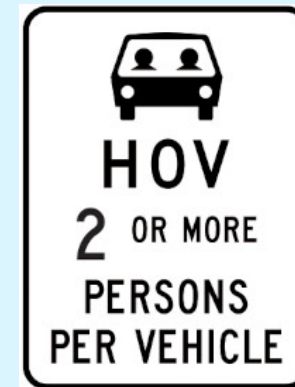
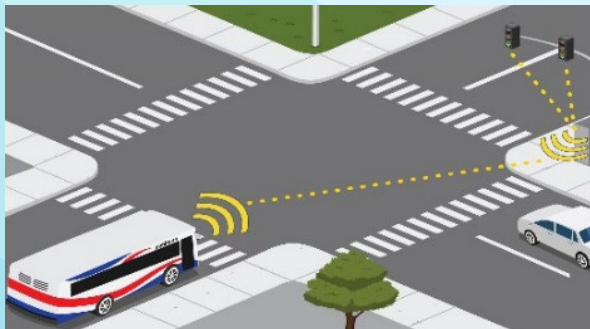
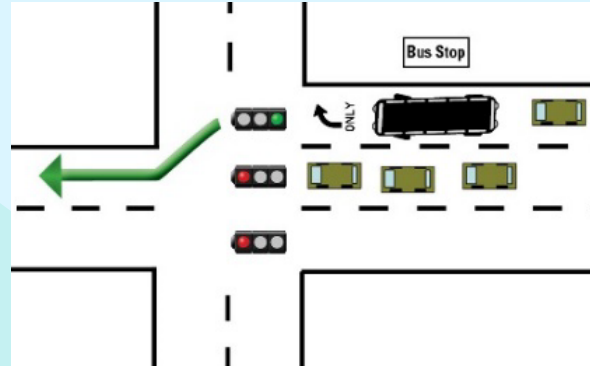
Transit Priority Policy Schedule

CAG
feedback on
draft policy
document

Phase 1 (Fall 2023)	Phase 2 (Winter/Spring 2024)	Phase 3 (Mid-2024 Onward)
<p>Early Coordination & Workshop: Review Caltrans Director’s Policy on Transit Priority, SPUR transit priority policy report, and other existing policy documents. Plan December workshop to kick off development of regional transit priority policy with variety of stakeholders.</p>		
	<p>Policy Development: Develop regional transit priority policy (and supporting documents) to increase bus speed and reliability.</p>	
		<p>Policy Adoption & Implementation: Adopt policy and facilitate its implementation.</p>

BusAID Overview

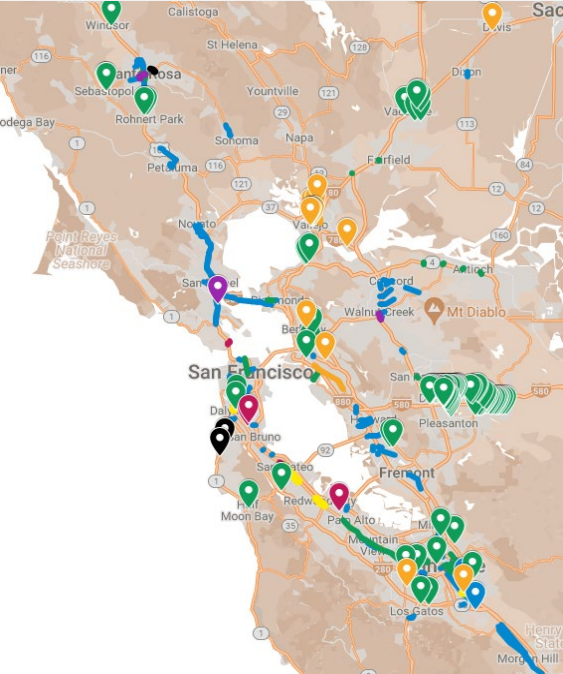
- Identify and prioritize **near-term transit priority projects that maximize travel time savings and service reliability improvements** for the most people as quickly as possible, while centering populations that depend on transit the most.
- Seek/recommend funding for projects



BusAID Schedule

CAG feedback on draft criteria

CAG feedback on draft project list

Phase 1 (Spring 2023)	Phase 2 (Summer/Fall 2023)	Phase 3 (Winter/Spring 2024)	Phase 4 (Mid-2024 Onward)
<p>Operator Interviews: Inventory transit operator-identified "hotspot" points and segments throughout the region that would benefit from transit priority treatments.</p>			
	<p>Hotspot Project List: Develop criteria and weighting and use to score and rank hotspot locations for quick-build investments.</p>	<p>Feasibility/Readiness Assessment & Funding Recommendations: Evaluate project feasibility and readiness at high scoring hotspot locations; Recommend projects to be awarded funding.</p>	
			<p>Project Advancement: Award funds and facilitate the delivery of near-term transit priority projects.</p>

BusAID Criteria & Weighting (Draft)

Criteria	Metrics	Weighting
Transit Service	<ul style="list-style-type: none">• Total ridership• Total delay reduction	60%
Equity	<ul style="list-style-type: none">• Rider demographics• Presence of Equity Priority Community (EPC)	30%
Priority Development Area	<ul style="list-style-type: none">• Presence of Priority Development Area (PDA)	10%

BusAID Criteria & Weighting (Draft)

Criteria	Metrics	Weighting
<p>Transit Service</p>	<ul style="list-style-type: none"> • Total ridership: average weekday ridership of all routes traversing hotspot location <ul style="list-style-type: none"> - <i>preferred: known ridership at hotspot location (pending data availability)</i> - <i>backup: interpolated ridership based on hotspot context along route</i> • Total delay reduction: potential reduction in average weekday delay at hotspot location <ul style="list-style-type: none"> - <i>preferred: known/observed delay at hotspot location (pending data availability)</i> - <i>backup: runtime variability and/or difference between roadway speed limit and average transit vehicle speed</i> <p><i>Total potential reduction in average weekday person-delay to be calculated by multiplying these figures.</i></p>	<p>60%</p>

BusAID Criteria & Weighting (Draft)

Criteria	Metrics	Weighting
Equity	<ul style="list-style-type: none"> • Rider demographics: <ul style="list-style-type: none"> - race, income, English proficiency, zero-vehicle households, age, people with disabilities, single parent families, rent-burdened households (per PBA 2050 EPC methodology) - <i>preferred: route-level demographic data (pending data availability)</i> - <i>backup: systemwide rider demographics or census tract-level demographic data</i> • Presence of EPC along route(s) traversing hotspot (Y/N) 	30%

BusAID Criteria & Weighting (Draft)

Criteria	Metrics	Weighting
Priority Development Area	<ul style="list-style-type: none">• Presence of PDA along route(s) traversing hotspot (Y/N)	10%

BusAID Criteria & Weighting (Draft)

Feasibility/Readiness Assessment

Not part of project scoring. Used to filter project list to develop funding recommendations, given emphasis on near-term improvements to the transit network.

- Project cost
- Project delivery phase (e.g., pre-planning, planning, design, construction/implementation)
- Project construction/implementation timeline (potential for 18-24 month quick-build)
- Environmental clearance anticipated
- Scalability
- Coordination/support from ROW agency
- Project sponsor/project delivery agency
- Identification of type of assistance needed from BusAID program

Discussion

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