

Eco-friendly Downtown Deliveries Study



San Francisco
County Transportation
Authority

Transportation Authority Board - Agenda Item 5
November 04, 2025

Agenda

- Project Approach
- Findings and Recommendations
 - Off-Hours Delivery Program
 - Logistics Microhub
 - E-bike Battery Swapping Lockers
 - Additional Recommendations

Project Approach

- Convened a Working Group of stakeholders to identify and prioritize strategies for low- and zero-emission delivery
- Strategies Considered:
 - Off-Hours Delivery Program
 - Logistics Microhub
 - E-Bike Battery Swapping Lockers
- Funded by a grant from the Carbon Neutral Cities Alliance and matching Prop K sales tax funds

Working Group Roster

NAME	ORGANIZATION/BUSINESS
Yerba Buena Community Benefit District	Community Benefit District (CBD)
Tenderloin Community Benefit District	CBD
East Cut Community Benefit District	CBD
Golden Gate Restaurant Association	Merchant Association
North Beach Business Association	Merchant Association
SF Council of District Merchants' Association	Merchant Association
Hayes Valley Merchants' Council	Merchant Association
Tenderloin Merchants and Property Owners Association	Merchant Association
South of Market Business Association	Merchant Association
California Trucking Association	Business Group
DoorDash	Transportation Network Company
Brightline Environmental Defense	Environmental Group
Business Council on Climate Change	Environmental Group
UPS	Business
Stephen Cornell	Business Owner (Brownies Ace Hardware)



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Off-Hours Delivery Program

Shift deliveries to periods with less traffic and more vacant curb

Recommendations:

- Implement a pilot on known congested commercial corridors, including outreach to merchants
- Data collection effort to better estimate potential impacts and benefits of such a program citywide



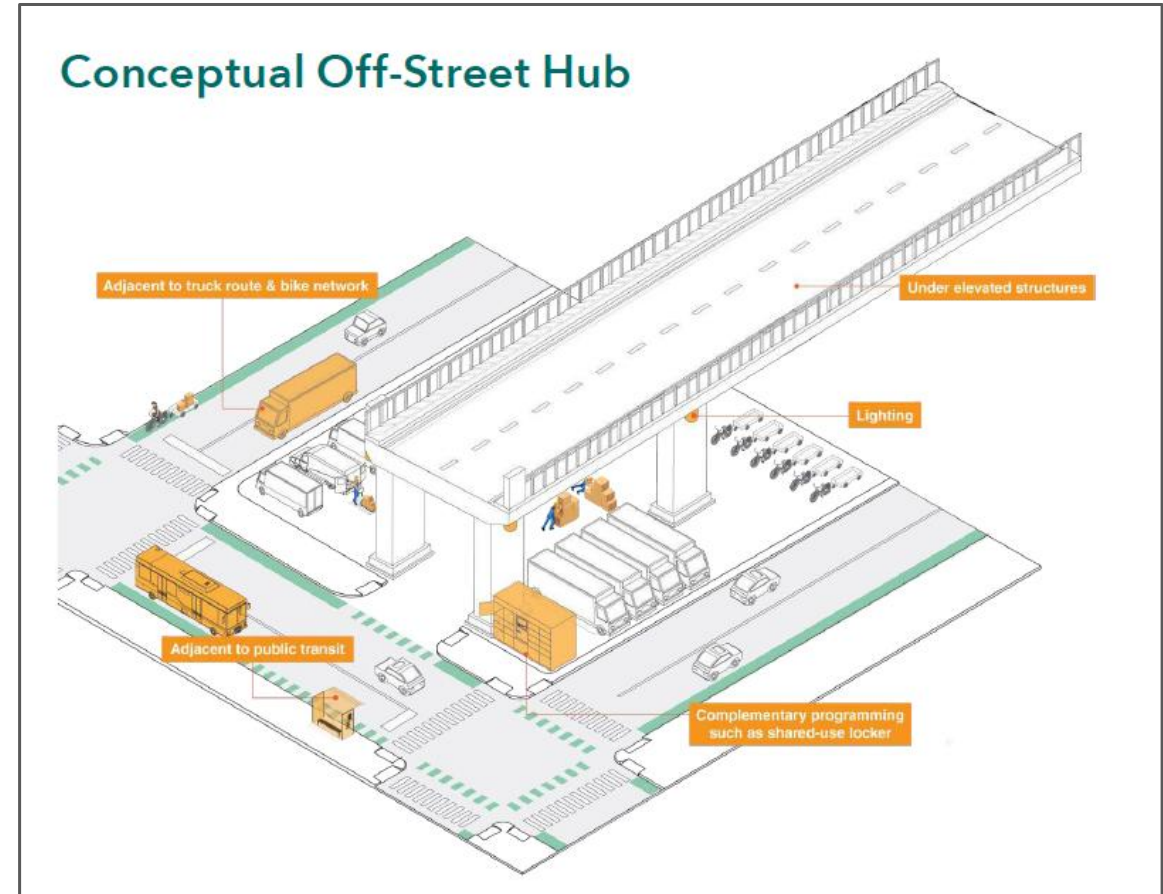
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Logistics Microhub

Location where goods are transloaded from large vehicles to smaller vehicles for final delivery.

Recommendation:

- Conduct a Site Suitability Analysis in partnership with industry to identify up to 5 pilot locations
- Identify supportive infrastructure investments for small delivery vehicles



E-bike Battery Swapping Lockers

Public locker to swap depleted e-bike batteries for fully charged batteries

Recommendations:

- Lockers are not recommended at this time, but the strategy could be revisited in the future.
- SF should consider other forms of public micromobility charging infrastructure



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Additional Recommendations

- Establish an interagency Urban Freight Team
- Execute a data collection effort on goods movement in San Francisco
- Prepare city infrastructure for a more diverse delivery fleet:
 - Complete an inventory of small delivery vehicles and identify regulatory barriers for adoption in SF
 - Pilot secure bike parking locations large enough for cargo bikes and e-cargo bikes
 - Study other publicly accessible micromobility charging options



Thank you.

sfcta.org/projects/eco-friendly-downtown-delivery-study

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