

ARCHITECTURAL AND VENTILATION / HVAC INTERVENTIONS TO PROMOTE SAFE MOBILITY IN POST COVID-19 TRANSIT FACILITIES

AT-GRADE (OPEN) STATIONS (PATRONS, OPERATION & MAINTENANCE STAFF)

ARCHITECTURAL INTERVENTIONS

01 PHYSICAL DISTANCING

- Guiding Pedestrian Traffic (Barriers & Signage)
- Showing X' Distancing Requirement & Managing Boarding (Signage on Platform)
- Displaying Real-Time Passenger Density in Transit Rail Vehicles/Buses (Phone Apps)
- Displaying Real-Time Passenger Density & Other Various Info (Electronic Screens)
- Reconfiguring Seating (Promoting Physical Distancing)
- Patron Counting (Monitoring Density at Entry Points)

02 TOUCH-FREE DEVICES

- Automatic Fare Collection (Touch-Free System at Fare-Gates)
- Phone App-based Fare Collection
- Voice Activated Systems (Ticketing Vending Machines, Elevators)
- Automatic Door Opening Systems
- Touch-free Devices & Accessories (Soap & Paper-Towel Dispensers, Trash Receptacles, etc.)

03 SURFACE TREATMENTS

- Extended Life Antimicrobial Surface Treatment (for High-Frequency Handled Surfaces)
- Copper Coating / Patch (for High-Frequency Handled Surfaces)
- Self-Cleaning Nano Coating (for High-Frequency Handled Surfaces)
- Self-Cleaning Devices Utilizing UV-C Lights for Escalator Handrails
- Display Cleaning Logs (in Public Areas and Restrooms)

VENTILATION INTERVENTIONS

04 VENTILATION AND AIR SANITIZATION

- Air Sanitization Portals at Turnstiles
- Air Sanitization at Staff Service Rooms
- Increasing Air Exchange Rate in Service Area

	EFFECTIVENESS	EASE OF APPLICATION	CAPITAL INVESTMENT (COST)	O & M COSTS LOWERED	EQUITY ACHIEVED	OVERALL RATING
	●	●	\$\$	✓		H
	●	●	\$			H
	●	◐	\$\$			M
	●	○	\$\$\$			M
	●	◐	\$\$			H
	◐	○	\$\$			L
	●	◐	\$\$			H
	●	◐	\$\$			M
	◐	◐	\$\$\$			M
	●	◐	\$\$			H
	●	●	\$	✓		H
	●	◐	\$\$	✓		H
	◐	○	\$\$\$	✓		L
	●	●	\$\$	✓		H
	●	●	\$\$	✓		H
	●	●	\$	✓		H
	●	◐	\$\$	✓		H
	●	◐	\$\$	✓		H
	●	◐	\$\$	✓		H

GRAPHIC LEGEND

Equity* Achieved	● High	\$ Cost- Low	✓ Measure results in lowering long-term operation and maintenance costs	H Overall rating- High
*Equity: Treating all patrons in a fair & unbiased way and providing universally accessible measures	◐ Moderate	\$\$ Cost- Moderate		M Overall rating- Moderate
	○ Low	\$\$\$ Cost- High		L Overall rating- Low