

Using transit and TOD to build healthy communities

## How the built environment influences transit riders' mode of access

Victoria Eisen

Eisen | Letunic  
Transportation, Environmental and Urban Planning



# The Built Environment

1. Vicinity of stops and stations
2. Adjacent to stops and stations
3. Within stops and stations
4. On public transit



# 1. Vicinity of Stops and Stations

Citywide bike & disabled-accessible ped networks

- More sophisticated near transit hubs
- Akin to downtown district
- Routine accommodation policies



# 1. Vicinity of Stops and Stations



# 1. Vicinity of Stops and Stations

- Way-finding
- Multi-use paths
- Continuous bike lanes
- Safe intersections
- Lighting





## 2. Adjacent to Stops and Stations

- Way-finding
- Pedestrian routes
- Bicycle routes
- ADA facilities
- Bus stop facilities



## 3. Within Transit Stations

- Fare gates
- Way-finding
- Ramps and stairway channels
- Bicycle parking options



### 3. Within Transit Stations





### 3. Within Transit Stations



### 3. Within Transit Stations



### 3. Within Transit Stations





## 4. On Public Transit

- When bike is needed at both ends of trip
- Issue of limited space
- Vehicle exterior vs. onboard
- Alternatives



## 4. On Public Transit





## 4. On Public Transit



# Mineta Transportation Institute Study

- Nationwide and overseas
- Onboard arrangements
- Financial and operational analysis
- To participate, contact:

Victoria Eisen

[victoria@eisenletunic.com](mailto:victoria@eisenletunic.com)

