

Station Experience Design Guidelines

Rider Experience and Operations Committee

3/3/22

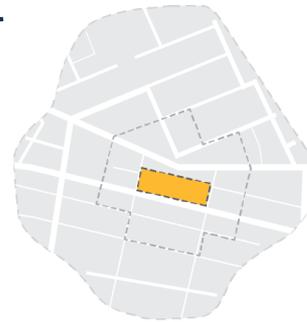
Why we are here

- Briefing on the Station Experience Design Guidelines
- No action is required

Briefing

Future Station Experience Design Guidelines

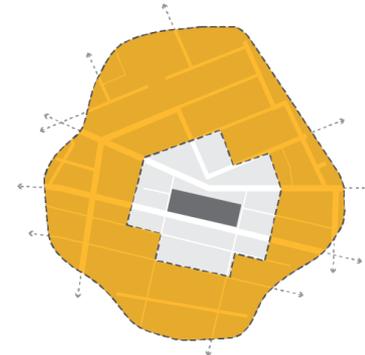
- Defines standards for passenger experience that inform Link station design principles and station environment guidelines



Station



Station context



Station area

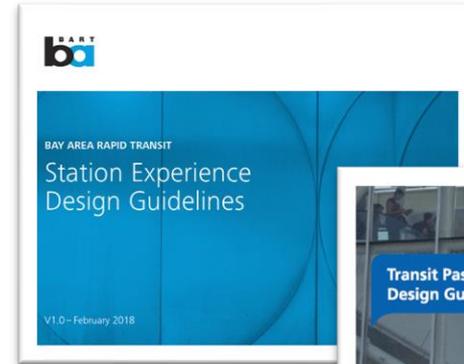
Purpose

ST Value of Passenger Focus

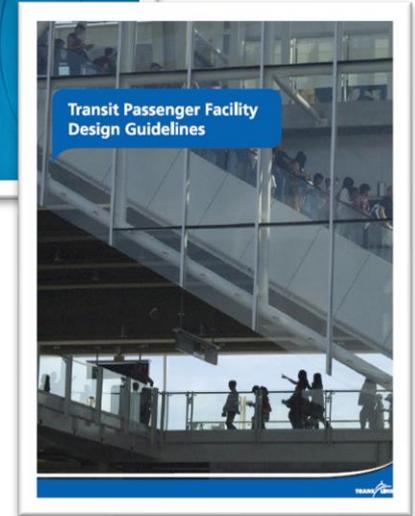
We always start with our passengers' needs and work back from there. They are the focus of everything we do.

What is it?

An illustrated primer of Link design from the passenger perspective sponsored by Sound Transit CPXO



Examples from
BART and
TransLink



Guidelines Focus on Three Key Areas

Passenger Experience: Define the passenger experience: passenger attributes, pedestrian flow, access, transit integration, etc.

Link Station Design: Set expectations for Link station design and standardization in support of the passenger experience

Station Environment: Providing guidelines for station access, urban design, and TOD implementation for a station area that supports the passengers

Supporting Cost Considerations

Controlling costs through:

- Standardized passenger experience
- Clear design expectations for early, durable decisions
- Realms of responsibility and guidance for station areas
- Investment framework for station access

Ratio of station construction costs to alignment:

- Station finish construction costs vary depending upon configuration – approximately 6% to 15% of overall Link capital costs

***Passenger Experience
Design Principles***

Passenger Experience as Basis of Guidelines

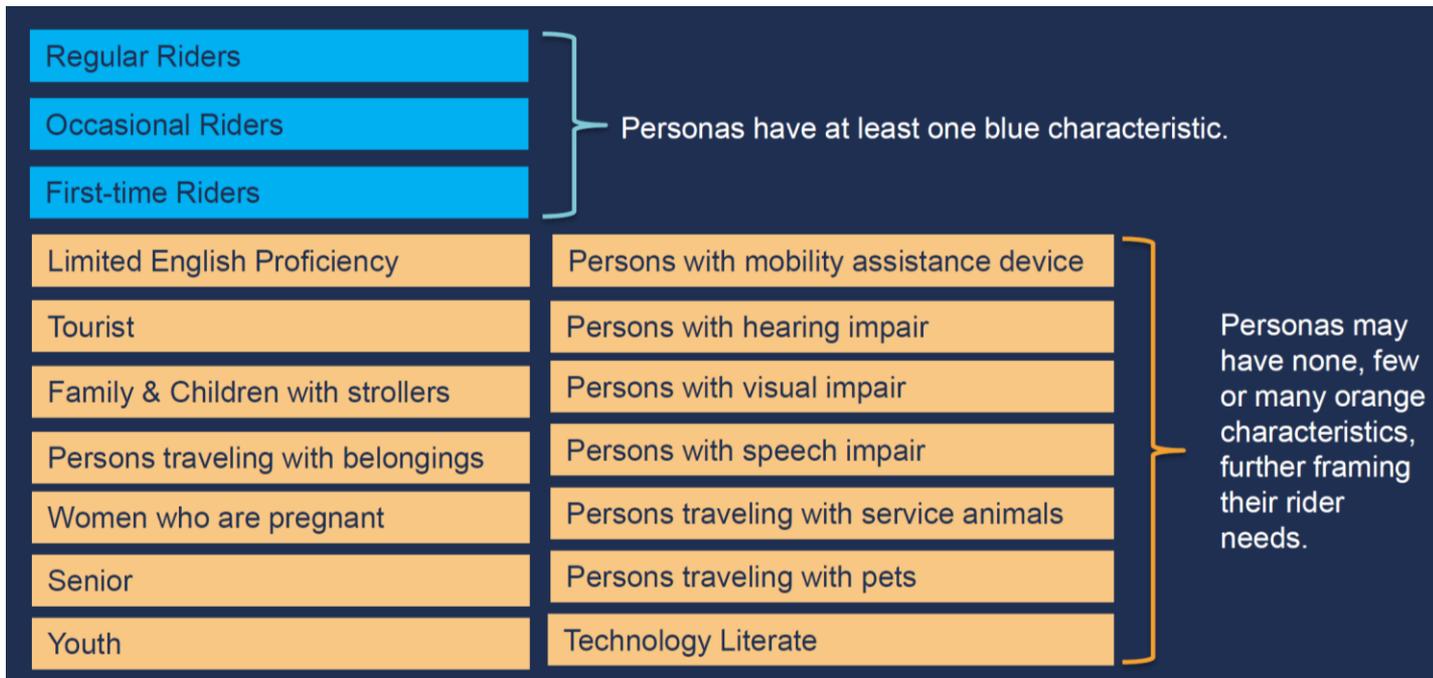
Foundational Metrics and Aspirational Attributes

- Dependable, Safe, Available, Clean and Informed
- Simple, Seamless, Intuitive and Resilient

We will deliver a transit experience that is dependable, safe, clean and available with informed riders; while striving to create an experience that is simple, seamless and intuitive for our riders.

Understanding Passenger Needs

Designing for the full range of attributes



Passenger journey sequence on Link

Simplicity As Passengers Move Through Our Stations



***Link Station Design
Principles***

Standardization for Consistency and Efficiency

Consistency in

- Ticketing areas
- All elements of vertical circulation (public stairs, escalator finishes and enclosure, elevator shaft, elevator cab finishes)
- Canopy design
- Lighting type and location
- Ancillary spaces

Efficiency in

- Passenger Flow, Design, Construction, Maintenance and Operations

Maintenance is Fundamental to Passenger Experience

Designing for Maintenance

- Clean, well-functioning
- Height of equipment access
- Hierarchy of maintenance access
- Limit the height of canopies and ceilings



Neighborhood Identity

Customized Elements

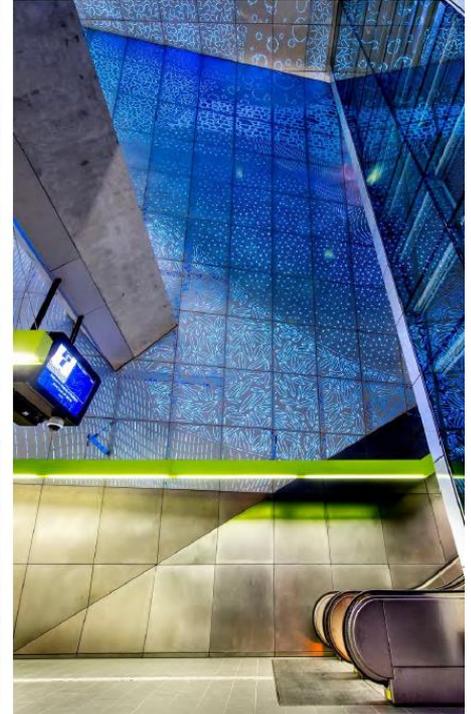
- Public Art integrated with architecture
- Selection of wall and floor finishes in durable, maintainable materials
- Accent color
- Plaza design elements
- Landscape plantings



Community Engagement/Unique Site: The local topography led to a large unique atrium space, which artist Tad Savinar used for his "Molecule of Tukwila" with I love, I remember, I wish sentiments from community members etched into granite platform pavers.



Wayfinding: Artist Clark Wiegman's pair of large-scale sculptures inspired by local history serve as a marker to the station entrance, and a meeting place for passengers. The artist worked with the STart staff and the design to determine placement, and that the plaza was strong enough for the artwork. Electrical accommodations were included in the project design.



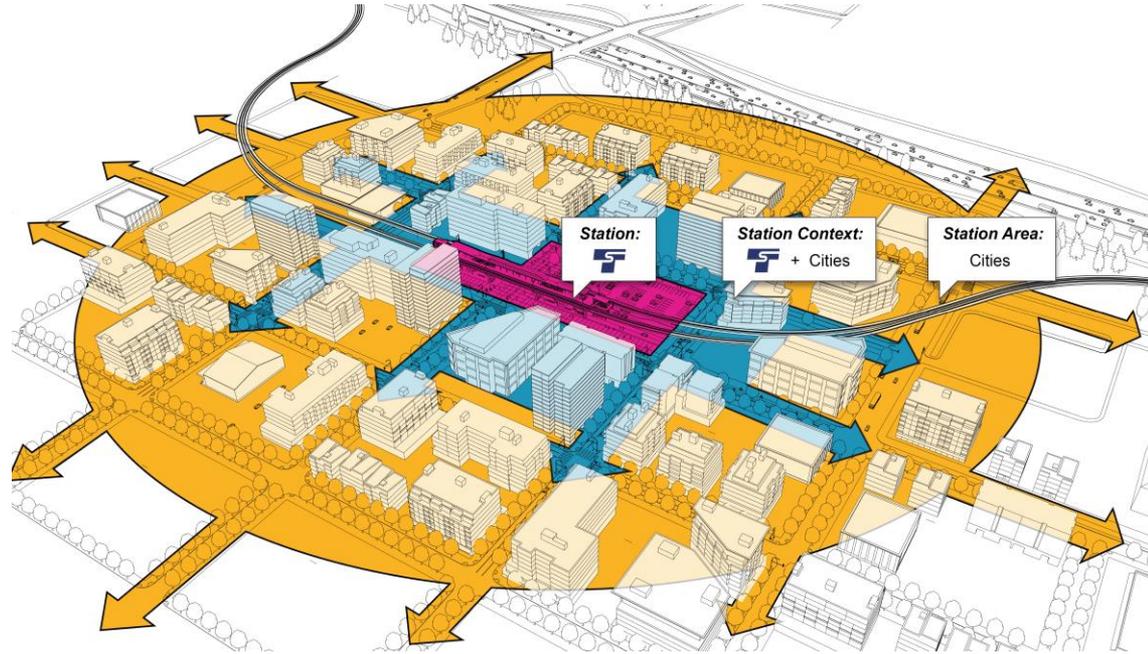
Leo Saul Berk, Subterranean, 2016. Aluminum and polycarbonate. Completely covering the walls of this vertical circulation chamber, this artwork creates an immersive environment, mitigating the long descent into the tunnel station. To make the most of a project like this, careful attention should be paid to visual obstructions in the space which could detract from the artwork.

Station Environment Framework

Station Environment

Consists of

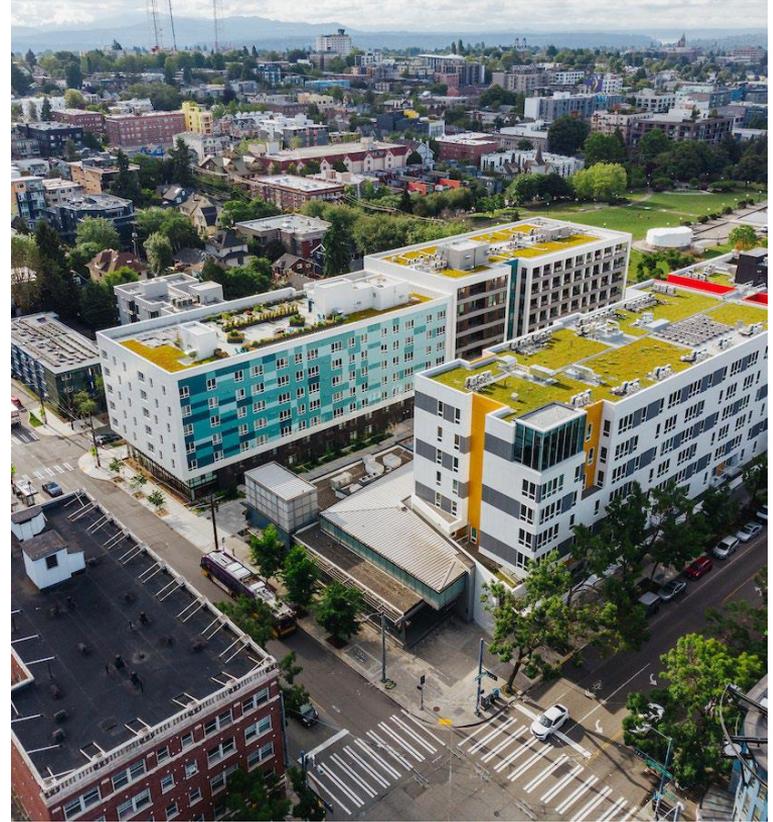
- Station Facility
- Station Context
- Station Access



Station Environment Typologies

Station Land Use Types

- Characterizes Station Environments by the urban form and land use patterns in the surrounding area
- Established Urban
- Emergent Urban
- Single Use



Station Environment Typologies

Station Access Types*

- Characterizes Station Environments by the access mode share and other access characteristics
- Walk/Bike/Roll
- Multimodal
- Auto



* References the System Access Implementation Plan

Support Equitable TOD in Link Station Areas

- Plan for and support equitable, affordable housing development in agency TOD
- Support opportunities for community services, retail, small businesses and living wage employment
- Right size parking requirements for developments in station areas

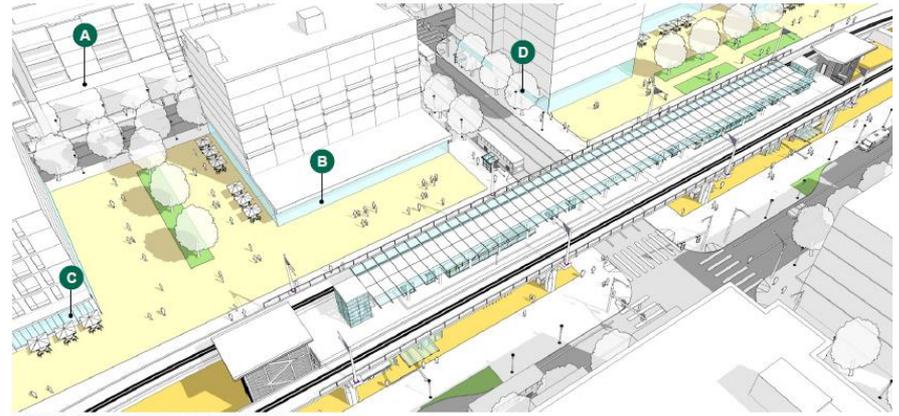


Figure i for 4.5.1 - Diagram depicting guidelines for Equitable TOD



Figure ii for 4.5.1 - The future NE 67th Street and the Cedar Crossing project, offering affordable apartment homes, a community center, courtyard and ground level commercial space.



Figure iii for 4.5.1 - The Certilia Cultural Center is an anchor on the Plaza Roberto Maestas, providing an important community asset adjacent to Beacon Hill Station.

Thank you.



 [soundtransit.org](https://www.soundtransit.org)

