Balanced Transit Stations

Balancing Development Needs and Transit in Station Design
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Value

function

character

balance
quantitative and qualitative
design is everything
aim higher
consider
context
move people and create place
human experience
compact, mixed use, walkable
beautiful
buses & bikes
Example of High Quality Bus Facility Design

Legend:

1. High quality paving materials
2. Curb side access
3. Pedestrian furnishings
4. Landscaping
5. Clear visibility of rail transit station entry
6. Unique bus shelter design
Example of Highly Visible and Ample Bike Parking at Transit Station

LEgend

1. Integrate bicycle parking into transit plaza design
2. Multiple rack locations accommodate high numbers of riders
3. Clear sight lines and presence of adjacent uses promotes security
4. Combination of landscaping, architecture, and open space define the ‘place’
5. Clearly defined pedestrian areas and absence of auto traffic
6. Decorative paving
7. Plaza lighting is important for safety and security
8. Planting design appropriate for high traffic pedestrian and bicycle areas

City and County of Honolulu
Honolulu High Capacity Transit Corridor Project

Streetcar Stop, South Waterfront
Portland, Oregon
visibly sustainable
Stormwater

Bioswales, rain gardens, permeable paving, and/or infiltration planters are but a few techniques that manage stormwater at the surface as well as provide opportunities for aesthetic enhancements.

Local and/or Recycled Materials

The reuse and/or locally derived sourcing of construction materials is another way to demonstrate project commitment to sustainability and aesthetics.

Solar Energy

In addition to providing energy for features such as station area lighting, solar power generation components can also be used as an architectural design element that combines sustainability and aesthetics.

Sustainable design should be part of the project’s look and feel.
Using Smart Growth Techniques as Stormwater Best Management Practices
manage parking
shared responsibility
Urban Design

- walkable
- experience
- place
- context

balance

- responsibility
- parking
- sustainable
- beauty
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