Portland-Milwaukie: Urban Design Elements

South Waterfront Station Area Open House

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Project Overview

- 7.3-mile light rail extension
- Up to an average of 25,500 weekday rides by 2030
- Improved light rail, bus, streetcar, bike/ped and freight service
- Two Park & Ride facilities
- Approximately 400 bike spaces
- New multi-modal bridge
- Up to 14,000 jobs
West Alignment
Timeline

- Winter/Spring 2011: Community input
- Summer 2011: 60% Final Design
- Fall 2011 to Winter 2012: 100% Final Design
What is Urban Design?

Civil (LRT track & streets)
+ Systems (LRT power & communications)
  + Architecture (buildings & stations)
    + Landscaping (trees & plants)
      + Art Program
        + Community Input

Station Area Urban Design

(it’s a Portland region kind of thing)
Elements

- Walls: texture and scale
- Benches and trashcans
- Shelters
- Fences, railings, bollards
- Landscaping: trees & plants
- Lighting: street & station
- Buildings: power & sig/com
- Art
Conceptual Design Report

- Outlines project goals and objectives
- Identifies opportunities
- Refines key next steps for Final Design
- Available online at www.trimet.org/pm
Guiding Principles

- Reflect the community’s values
- Coordinate through all the Project’s elements
- Through the lens of Safety & Security
Elements of Consistency

- Transit System comprised of elements that establish and reinforce identity
- Establish a consistent level of quality
- Responsive to maintenance budgets
- Help manage capital costs
Elements of Consistency

- System wide
- **Safety**: Illumination, durability, clarity
- **Comfort**: weather protection, information
- **Operational imperatives**: boarding and deboarding, circulation
Elements of Distinction

- Emphasize where patrons are within the regional system.
- Art Program: community identity
- Urban Design: plans & programs
- Station Area Development planning
- Sustainability and renewable energy initiatives
Elements of Distinction

- Create tangible connections
- Distinctive neighborhoods & communities
- Result of collaborative process
Fixed Elements

Elements to ensure compliance with:
- Building codes
- Accessibility
- Operational efficiency
- Transit system identity
- Maintainability
Flexible Elements

Elements that change by degree to meet:

- Context sensitive goals
- Specific community/neighborhood planning
- Respond to adjacent transit oriented development
Progressing the Design

Station

Streetscape

Station Area
South Waterfront THEN
South Waterfront THEN
South Waterfront THEN
South Waterfront NOW
Central City Reach of the Project

- south auditorium
- harbor structure
- PMLR Bridge sequence
Harbor Structure: The Connective Tissue
Harbor Structure Overview
Preliminary Phase Harbor Structure
Harbor Structure THEN
Considerations

- Lightness
- Continuity
- Refinement
- Experience
- Relevance
Looking East on Harrison
Looking West on Harrison
Portland-Milwaukie Light Rail Bridge
Portland-Milwaukie Light Rail Bridge
City of Portland Design Commission has reviewed and approved the design for:

- South Waterfront Station
- Portland-Milwaukie Light Rail Bridge
South Waterfront Station
South Waterfront Station
Hardscape Under Bridge

- Color Conc. Pave w/SS Bands
- Iron Decorative Drain
- Weathering Steel Planter Walls
- Cast in Place Concrete Seat Wall
Paving Concept

1. SWF Sidewalk
2. WRB Paving
3. TM Track
4. TM Platform
5. Greenway Trail
6. Concrete Street
7. Concrete Intersection
8. Campus Plaza
9. WRB Plaza
10. Concrete Stairs

CONCRETE
ASPHALT
PAVERS
Lighting Concept
Railing Concept
Section: Facing North
Section: Facing West
Selected Artist:

Jim Blashfield

South Waterfront & OMSI Stations
Next Steps

☐ 60% design in June

☐ Open Houses in Summer
Questions?

Comments!