Presentation Overview

- Introduction
- Urban Design – Streetscape & Lighting
- Urban Design - Landscaping
- Art
- Schedule
- Questions?
Valley Street Frontage Design
## Valley St. Lighting Alternatives

<table>
<thead>
<tr>
<th></th>
<th>Globe</th>
<th>Flex</th>
<th>Pollux</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cost (incl. pole)</strong> (do not include foundation)</td>
<td>$2,800</td>
<td>$3,045</td>
<td>$4,325</td>
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<tr>
<td>Dark Sky Compliant</td>
<td>Partial cut off</td>
<td>Full cut off</td>
<td>Partial cut off*</td>
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<td>* due to 10 degree tilt</td>
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<tr>
<td>Energy Efficient</td>
<td>Yes (70 W HPS)***</td>
<td>Yes (70 W HPS)</td>
<td>Yes (70 W HPS)</td>
</tr>
</tbody>
</table>

* cost is for single lamp fixture  
** 165W required for Induction Lamps
Valley St. - Existing
Valley St. - Proposed
Mercer, Valley, Westlake, 9th Ave. – Chief Seattle Base

Typical Light Pole
Lighting - Pole Discussion

Measured Diameter

mid-block pole
10 inch

at intersection
12 inch
Mercer - Proposed Pole Diameter

Diameter

- Standard - Luminaire Pole (40)
- Large - Signal Pole (29) 14” Dia Base
- X-Large - Signal Pole (3) Require Custom Design to reduce to 14” Dia Base
Urban Design Streetscape Summary

- Valley/Park Paving
- Valley Street Stone Benches
- Valley Greenfingers
- Bollards
- Greenfinger Detail
- Column
Urban Design Landscape Summary

• Urban Design: Planting
  – Gateway Treatment
  – Mercer Street Green Fingers
  – Mercer Street Wet Median
  – Westlake Raingarden
  – Valley Integration with Park
Tree Selections

**LEGEND:**
- NORWAY MAPLE
- 'SUMMIT' GREEN ASH
- LONDON PLANE TREE
- QUAKING ASPEN
- TALL STEWARTIA
- INCENSE CEDAR
- FRONTIER ELM
- ATHENA ELM
- ALLEE ELM
- ACCOLADE ELM
- SCARLET OAK
- EDDIE'S WHITE WONDER DOGWOOD
- NORWEGIAN SUNSET MAPLE

*mercer corridor project*
Art Proposal

Preferred Alternative
28' h x +/-4' diameter

Stainless steel
Proposed as 10 gauge
5.67 lb/sq ft.

Column has openings in between each unit and is welded together at the top and bottom of each as illustrated below.

Lighting is internal and appears to emanate through the openings and from the top (casting light above the column)

Base is the same pattern as body but is an open framework
Option 1-base is 5' h (3 rows of framework)

1/4" = 1'
Boren Ave N at Mercer St – After
Schedule

• 90% Complete Design: 2nd Qtr. 2008
• 100% Complete Design: 3rd Qtr. 2008
• ROW Acquisition Complete: 2nd Qtr. 2009
• Start Construction: Summer 2009
• Construction Complete: Summer 2012
Thank You

Email: Angela.Brady@Seattle.gov

www.seattle.gov/transportation/ppmp_mercer.htm
Bicycles and Pedestrians

On Street Bike Lane
Valley Street
Mercer Street

mercercorridorproject

Seattle Department of Transportation
Valley Street

- local, quiet, intimate street
- lakefront esplanade
- visually frames the park and extends it into the public realm
- south side has a more urban character in response to future buildings and storefronts
- dramatically tames the traffic, catering to pedestrians, cyclists and transit users
- trees and sidewalks claim part of the street, blurring the distinction between the pedestrian and vehicular realms
- a larger percentage of space is dedicated to pedestrians rather than the vehicles
- emulates a European street
- streetscape design creates a linear room
Mercer Street

- regionally oriented street, not local
- louder and more theatrical in nature
- greater width and greater volumes
- designed to be both a part of and apart from the neighborhood
- north and south connections are embraced
- reduce perceived width with design elements
  - green fingers
  - median
  - light poles
- median performs an aesthetic and environmental function
- “form follows function” but pedestrian realm is also addressed
- green fingers are a safety feature and allow for wider sidewalks
- pause points and crosswalks are unique features that increase pedestrian safety
- possible gateway feature
Valley – Streetcar treatment
Landscape Framework Plan
Park/Street Lighting Interface
Urban Design Summary

• Urban Design Category: Surface Feature
  – Valley integration with Streetcar and LU Park
  – Westlake Plaza
  – Sidewalk sawcut treatment
  – Amenity zone pavers
  – Parking area scoring
  – Mercer/Valley Crosswalk treatment

• Urban Design Category: Special Features
  – Valley Street Stone Benches
  – Mercer/Boren 28’ Tessellated Column
  – Street Name Inlay
Sustainable Design: Wet Median

Mercer Median Plan

April 2007

Mercer Median Section
Sustainable Design: Rain Garden

Lake Union Park/ Westlake Edge Integration

Rain Garden Section

mercer corridor project

SDOT
Seattle Department of Transportation