WATERFRONT SEATTLE
A NEW DESTINATION PARK

LEGEND
⊙ SEATTLE PARKS
⊙ DESTINATION PARKS
CORE PROJECT - SOUTH
SUSTAINABILITY

SALMON MIGRATION
CONNECTING TO THE CORRIDOR

HABITAT LOSS
- Shoreline habitats of Puget Sound have suffered significant losses over the last 125 years.
- Salmon face many obstacles throughout their migratory cycle:
  - Loss of shallow marine habitat and shoreline vegetation,
  - Pollution,
  - Bulkheads,
  - Blockage from docks and piers
  - Urban development

DECLINING SALMON POPULATIONS
- Pre-settlement: estimated 10-16 million salmon in Columbia Basin/Puget Sound area.
- 29% of these populations are now extinct,
- 27 species are threatened or endangered

*Reconnecting Social and Ecological Resilience in Salmon Ecosystems.* [2009]

PUGET SOUND SALMON RECOVERY PLAN-
ELLIOITT BAY SHORELINE ENHANCEMENTS:
- Create shallow water habitat benches and fish friendly structures along the waterfront,
- Install a shoreline beach. This would open up a migration corridor and increase the amount of shallow water are for juvenile Chinook foraging.
SUSTAINABILITY

THE NEW ELLIOTT BAY SEA WALL
MATRESSES FOR HABITAT BENCH
WATERFRONT PROMENADE TYPICAL SECTION
WATERFRONT PROGRAM UPDATE

CONTINUOUS PROGRAM ELEMENTS

12’ AQUATIC HABITAT

20’ ACCESSIBLE STROLLING SITTING / WATCHING

35’ PAUSE / EXPLORE / ESCAPE
    SOCIAL INTERSECTION

12’ CYCLING

5’ ACCESS

10’ PARKING / LOADING

50-100’ DRIVING / USING TRANSIT

10’ PARKING / LOADING

16-20’ ACCESSIBLE STROLLING / SHOPPING
    RETAIL

WEST SIDE

ALASKAN WAY

EAST SIDE
SUSTAINABILITY
STORMWATER MANAGEMENT
6.6 MILLION GALLONS MANAGED ANNUALLY

TODAY,
STORMWATER GOES TO THE BAY
UNTREATED
IN THE FUTURE, STORMWATER WILL BE TREATED BEFORE GOING TO THE BAY
SUSTAINABILITY

STORMWATER MANAGEMENT
6.6 MILLION GALLONS MANAGED ANNUALLY

POLLUTION GENERATING SURFACES
10.63 ACRES

5,000,000 OF 7,500,000 GAL.
TREATED THROUGH BIOFILTRATION

PERMEABLE PAVEMENTS
1.3 ACRES

600,000 GAL.
FILTERED INTO SUB-SOIL

PLANTED AREAS
4.2 ACRES

1,000,000 GAL.
ABSORBED INTO ROOT-ZONE
MAIN CORRIDOR SOUTH OF UNION
HISTORIC PIERS
WET TERRACES

PROMENADE
TRENCH DRAIN
12' PLANTING
12' PLANTING
12' PLANTING
VARIIES PLANTING
CYCLE TRACK

.5% SLOPE →

SHARED SOIL VOLUME
MAIN CORRIDOR SOUTH OF UNION
GSI PLANTERS

NEXT TO TRAVEL LANE
(SOUTH OF YESLER)

NEXT TO PARKING LANE
(NORTH OF YESLER)
SUSTAINABILITY
WATERFRONT TREE CANOPY
183 EXISTING TREES
844 PROPOSED TREES

WATERFRONT CANOPY INCREASED 6X
413 new Street Trees
431 new Open Space Trees
SUSTAINABILITY
SIGNATURE ELEMENTS
INCORPORATE HISTORIC ELEMENTS
SUSTAINABILITY
SIGNATURE ELEMENTS
USE NATIVE MATERIALS
SUSTAINABILITY

STRATEGIES TO REDUCE RESOURCE USE

SALVAGED MATERIALS: SEAWALL EKKI WOOD
MAIN CORRIDOR SOUTH OF UNION
HISTORIC PIERS
PAVING MOCKUPS BY SHAW AND SONS

DRY PAVEMENT

WET PAVEMENT
MAIN CORRIDOR SOUTH OF UNION
PIONEER SQUARE
CURRENT CONDITION
HISTORIC PIERS IMPROVEMENTS
WATERFRONT 2020
SCALE COMPARISON
OLYMPIC SCULPTURE PARK: 9 ACRES
WATERFRONT 2020
WATERFRONT PARK
PERFORMANCES
OVERLOOK WALK
PPM WATERFRONT ENTRANCE
VIEW FROM SOUTHWEST CORNER OF SITE
2015-16 BUDGET AND FUNDING

• Keep Waterfront Program at $1.07B, consistent with 2012 Strategic Plan
  – Preserve the overall vision
  – Phase program elements to fit within the budget
  – Phase expenditures to reflect SR 99 Tunnel completion schedule changes, and minimize near-term spending
  – Continue to leverage public and private funding sources (LID, philanthropy)
2015-16 BUDGET AND FUNDING

• Additions to program, such as:
  – Pike/Pine corridor improvements into downtown
  – Light penetrating surfaces on promenade
  – Washington Street Boat Landing restoration
  – Seawall mitigation: historic, archeological, tribes, business
PHASING APPROACH

WATERFRONT SEATTLE
PHASING APPROACH
SEPTEMBER 2014

LEGEND
WATERFRONT PHASE 1
1. Alaskan Way + Cycle Track (south of Union)
2. Alaskan Way/Elliott Way + Cycle Track (north of Union)
3. Promenade
4. Overlook Walk
5. Marion Street Ped Bridge (Alaskan ROW to Western)
6. Seneca Streetscape
7. Seneca Restoration (WSDOT only)
8. Blanchard ROW
9. Lenora Street Bridge Improvement
10. Waterfront Park
11. Lower Union + Western Intersection
12. Pike Pine Improvements
13. Main + Washington Streets

FUTURE PHASE
1. Pier 62/63
2. Floating Dock
3. Middle Union
4. Seneca Streetscape
5. Blanchard Overlook
6. Marion Street Ped Bridge (Western to First)
7. Pool Barge

RELATED PROJECTS
- Seawall Related Elements
- Aquarium Expansion
- PC-1 / PPM Entrance
- Bell Street Improvements
- North Portal Site Park
- Pike Street Hill Climb Improvements
- Blanchard Opportunity Site
MAINTENANCE AND OPERATIONS

- Early recognition that standard City M & O not enough
  - Complex, highly-used urban spaces
  - Arts/cultural programming
  - Staffed presence
- Commitment to public/private partnership approach
- Initial study findings
  - $5.4 to 8.3M needed annually for M & O based on peer projects
  - $3.5M ‘baseline City investment’ recommended; included in the approved Metro Parks District. Additional $2M via fundraising, program revenues and concessions
- Next Steps – detailed M and O Plan to be completed in 2015 with Parks, SDOT, Friends and others
KEY ISSUES GOING FORWARD

• City / WSDOT Agreement
• Maintenance and Operations Planning
• Re-starting broad community engagement
• Coordination with Partner Projects
  • Pike Place Market – Project Development Agreement
  • Aquarium Expansion Planning
  • Colman Dock / WS Ferries