Project Area

Wallingford
University District
University of Washington
Laurelhurst
Portage Bay
Montlake Cut
Union Bay
Eastlake
Montlake
Stevens
Broadmoor
Madison Park
Capitol Hill
Lake Union
Lake Washington
Wallingford Playground
Seattle Children Hospital
Laurelhurst Park
Burke-Gilman Trail
Union Bay Natural Area
Husky Stadium and Sport Fields
Ravenna Creek Trail
Rainier Vista
University of Washington Medical Center
Future U-LINK light rail station
Canoe House
West Montlake Park
East Montlake Park
Marsh Island
Foster Island
Gas Works Park
Seattle Yacht Club
NOAA
St. Patrick's Church
Roanoke Park
Queen City Yacht Club
Fire Station
Rogers Playground
Seward School
Montlake Playfield
Seattle Preparatory School
Montlake Elementary School
Montlake Library
Bertschi School
St. Demetrios
Grand Army of the Republic Cemetery
Colonnade Park
Louisa Boren Park
Interlaken Park
Boyer Children's Clinic
Washington Park Arboretum
Seattle Hebrew Academy
Lake View Cemetery
Gage Academy
St. Mark's Cathedral
Stevens School
Volunteer Park
McGilvra Elementary School
Madison Park
Lake Union Park
520
5

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CONCEPTUAL

DRAFT - THIS SKETCH ONLY DEPICTS THE IDEA. ENGINEERING, OPERATIONS, AND ENVIRONMENTAL ANALYSIS REQUIRED.

N

1" = 300'

Washington State Department of Transportation

Preferred Alternative SR 520 alignment and profile

SR 520 existing profile

SR 520 perferred alternative profile

* Profile vertical scale is exaggerated 5 times the horizontal scale.

N

not to scale

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Washington State Department of Transportation

STATE ROUTE 520

The Importance of Urban Design

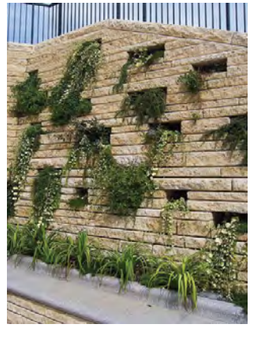
Urban design engages and enhances communities through a process of designing clear and meaningful connections between people and places, movement and urban form, nature and the built environment, all while embracing environmental stewardship, social equity and economic viability in the creation of places with distinct beauty and identity.

MEANINGFUL CONNECTIONS*

CREATION OF PLACES

ECONOMIC VIABILITY

ENVIRONMENTAL STEWARDSHIP



SOCIAL EQUITY

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*** Multi-Modal Clarity**

Washington State Department of Transportation

STATE ROUTE 520

Valuing Historic Landscapes

7 Principles of Olmsted Design*

SCENERY

"Design of 'passages of scenery' even in the small spaces and in areas intended for active use. Creation of designs that give an enhanced sense of space: indefinite boundaries, constant opening up of new views. Avoidance of hard-edge or specimen planting, creating instead designs that have either 'considerable complexity of light and shadow near the eye' or 'obscurity of detail further away.'"

Central Park, New York NY

SUITABILITY

"Creation of designs that are in keeping with the natural scenery and topography of the site: respect for, and full utilization of, the 'genius of the place.'"

Prospect Park, New York NY

STYLE

"Designing in specific styles, each for a particular effect. Primarily in the 'Pastoral' style (open greensward with small bodies of water and scattered trees and groves) for a soothing, restorative atmosphere, or in the 'Picturesque' style (profuse planting, especially with shrubs, creepers and ground cover, on steep and broken terrain), for a sense of the richness and bounteousness of nature, with chiaroscuro effects of light and shade to produce a sense of mystery.

Prospect Park, New York NY

SUBORDINATION

"Subordination of all elements, all features and objects, to the overall design and the effect it is intended to achieve. The 'Art to conceal Art.'"

Prospect Park, New York NY

SEPARATION

"Separation of areas designed in different styles, so that an 'incongruous mixture of styles' will not dilute the intended effect of each: separation of ways, in order to insure safety of use and reduce distractions for those using the space; separation of conflicting or incompatible uses."

Central Park, New York NY

SANITATION

"Provision for adequate drainage and other engineering considerations, not simply arranging of surface features. Planning or designs so that they promote both the physical and mental health of users."

Back Bay Fens, Boston MA

SERVICE

"Planning of designs so that they will serve a 'purpose of direct utility or service,' that is, will meet fundamental social and psychological needs: 'So long as considerations of utility are neglected or overridden by considerations of ornament, there will be no true Art.'"

Bethesda Terrace, Central Park, New York NY

* All quotes from Olmsted scholar Charles Beveridge http://www.olmsted.org/the-olmsted-legacy/olmsted-theory-and-design-principles/seven-s-of-olmsteds-design

The Olmsted Brothers In Seattle

The Olmsted brothers were hired by the City of Seattle to develop a comprehensive plan for parks in 1903 and the 1909 Alaska-Yukon-Pacific Exposition design. "Although... [the] primary goal was to locate a park or a playground within one half mile of every home in Seattle, the dominant feature of the plan was a 20-mile landscaped boulevard linking most of the existing and planned parks [playgrounds and playfields,] and greenbelts within the city limits."

http://www.seattle.gov/parks/parkspaces/olmsted.htm

VIEWS

Lake Washington Boulevard, Seattle WA

Water Tower, Volunteer Park, Seattle WA

SHORELINES

Greenlake Park, Seattle WA

TREES AND PLANTS

Dunn Gardens, Seattle WA

DRIVES AND WALKS

Lake Washington Boulevard, Seattle WA

Wilcox Pedestrian Bridge over Lake Washington Boulevard, Seattle WA

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Washington State Department of Transportation

STATE ROUTE 520

A Bridge to Healthier Communities

Tim Whelan

goals

The SR 520 Project can be designed enhance individual health and contribute to healthy communities by:

- Supporting alternatives to the automobile.
- Reducing emissions that cause pollution.
- Creating community connections.
- Providing amenities that improve mental well-being.
- Contributing to a visually stimulating environment.

mandate

The SR 520 Health Impact Assessment report was required by Senate Bill 6099 and developed by Public Health – Seattle & King County and the Puget Sound Clean Air Agency to conduct a health impact assessment of the SR 520 Project, focusing on air quality, green house gas emissions and other public health issues.

purpose

The health impact assessment is a tool to help decision-makers recognize the health consequences of the decisions they make and provide a healthier living environment.

focus areas

- Air quality
- Green space
- Physical activity
- Noise
- Mental well-being
- Safety
- Emergency medical services
- Social connections
- Water quality

Kern Ewing

recommendations

Landscaped Lids & Green Spaces

- Include six landscaped freeway lids.
- Use landscaping materials throughout the SR 520 corridor, along adjacent trail and at transit stops.
- Preserve the integrity and ability to appreciate the Washington Park Arboretum and other green spaces.

Transit, Bicycling, Walking

- Increase and improve transit service.
- Install connected walking and bicycling facilities.
- Create a common wayfinding system.
- Provide safe mobility.

Design Features

- Reduce noise.
- Add to adjacent communities' visual character.
- Utilize innovative stormwater management practices.

Construction Period

- Increase and improve transit service.
- Install connected walking and bicycling facilities.
- Create a common wayfinding system.
- Provide safe mobility.

Critical Health

- Ensure health elements are integral to the project plan.
- Support all recommendations in difficult budget times for optimal health benefits.

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Washington State Department of Transportation

STATE ROUTE 520

Schematic Plan Overview

PARTNERSHIP berger

SEATTLE PARKS AND RECREATION

UNIVERSITY OF WASHINGTON BOTANIC GARDENS Plants for Life

Arboretum Foundation

WPA North Entry & Multi-Use Trail

Landscape Architecture
Urban Design

0 50 100 200 400

Berger Partnership PS
1721 8th Ave N
Seattle, WA 98109

206 325 6877
bergerpartnership.com

SEATTLE BICYCLING GUIDE MAP 2011

PUGET SOUND

N W E S

JACKSON PARK GOLF COURSE

KIRKLAND

BROADVIEW

CARKEEK PARK

LAKE CITY

NORTHGATE

GREENWOOD

MAPLE LEAF

GOLDEN GARDENS

CROWN HILL

WEDGWOOD

SAND POINT COUNTRY CLUB

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

MAGNUSON PARK

SAND POINT

GREEN LAKE

ROOSEVELT

RAVENNA

BALLARD

SHILSHOLE BAY

COWEN PARK

RAVENNA PARK

ZOO

WOODLAND PARK

DAYBREAK STAR ARTS & CULTURAL CENTER

WEST POINT LIGHTHOUSE

DISCOVERY PARK

Bicyclists must dismount

SALMON BAY

NOTE: NW Ballard Way does not go through

CALVARY CATHOLIC CEMETERY

UNIVERSITY DISTRICT

UNIVERSITY VILLAGE

LAURELHURST

WALLINGFORD

FREMONT

UW

HUSKY STADIUM

SEE REVERSE FOR U DISTRICT DETAIL MAP

To cross Lake Washington at SR520, load your bike onto a bus at the Montlake Freeway Station

MAGNOLIA

MAGNOLIA PARK

INTERBAY ATHLETIC FIELD

INTERBAY

QUEEN ANNE

GASWORKS PARK

LAKE UNION

PORTAGE BAY

MONTLAKE PLAYFIELD

I-5 Colonnade Park includes pedestrian connections between Eastlake and Capitol Hill, and a technical mountain bike course

LAKE VIEW CEMETERY

VOLUNTEER PARK

ARBORETUM

MADISON PARK

KINNEAR PARK

SEATTLE CENTER

SPACE NEEDLE

CAPITOL HILL

SEATTLE UNIVERSITY

MADRONA

DOWNTOWN

SEE REVERSE FOR DOWNTOWN DETAIL MAP

LAKE WASHINGTON

ELLIOTT BAY

← FERRIES TO BAINBRIDGE ISLAND & BREMERTON BICYCLES WELCOME

← PEDESTRIAN WATER TAXI TO WEST SEATTLE BICYCLES WELCOME

KING STREET STATION

QWEST FIELD

SAFECO FIELD

MOUNTAINS TO SOUND TRAIL APPROX. 2MI/3.3KM TO MERCER ISLAND →

MERCER ISLAND

BICYCLE SUNDAY: On Sunday afternoons in the summer, Lake Washington Boulevard is open for cyclists and pedestrians and closed to motor vehicle traffic from Lake Park Dr S to Seward Park. http://www.seattle.gov/parks/bicyclesunday/

HARBOR ISLAND

SODO

BEACON HILL

JEFFERSON PARK

SCHMITZ PARK

WEST SEATTLE

WEST SEATTLE GOLF COURSE

PUGET PARK

DUWAMISH RIVER

DUWAMISH

GEORGETOWN

KELLOGG ISLAND

Cyclists may use east sidewalk. Always yield to pedestrians

KING COUNTY INTERNATIONAL AIRPORT

BOEING FIELD

RIVERVIEW PLAYFIELD

WESTCREST PARK

South Park Bridge Closed

COLUMBIA CITY

GENESEE PARK

SEWARD PARK

ANDREWS BAY

BELLEVUE

LINCOLN PARK

FAUNTLEROY COVE

ARBOR HEIGHTS

BEACH

← FERRIES TO SOUTHWORTH AND VASHON BICYCLES WELCOME

TO SEATTLE-TACOMA INTERNATIONAL AIRPORT

TO TUKWILA

BICYCLE FACILITIES

SEPARATE PATHWAYS
- Bike Trail
- Pedestrian Path, Bicycles Allowed

MARKED STREETS
- On-street Bicycle Lane
- Sharrows
- Sharrows w/ Bicycle Lane on Uphill Side

CONNECTORS (most are unsigned arterial routes)
- Arterial Streets
- Non-Arterial Streets
- Signed Bicycle Route
- >>> Arrows point to Uphill Direction: Frequency roughly indicates steepness of grade

TRANSIT CONNECTIONS

- Surface Rail Transit Line
- Underground Rail Transit Line
- Light Rail or Streetcar Station

DESTINATIONS

- Bike Shop
- Public School
- Library
- Farmers' Market

1" = .5 miles