Kenilworth Corridor: View Towards 21st Street Station

NOVEMBER 2015

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Kenilworth Corridor: Station Architecture

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West Lake Station

21st Street Station

Penn Station

*Drees represent an approximate 15 year growth

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21ST STREET STATION LANDSCAPE DESIGN

SCALE: 1" = 20'

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Kenilworth Corridor: 21st Station Site Plan

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- Freight crossing house
- Platform crossing house
- Intrusion detection poles
- Limits of disturbance
- Freight rail on existing alignment
- Station platform
- 5'-0" wide planting area
- Overstory tree with ground level plantings
- 8' wide pedestrian trail
- 14' wide multi-use trail

DRIVEWAY

TREES REPRESENT 25 YEARS GROWTH

 Drainage swales
 Overhead catenary poles (OCS)

Limits of disturbance

Bus stop

Bike parking

21ST STREET STATION
Kenilworth Corridor: West Lake Station Site Plan

NOVEMBER 2015

- Freight rail on existing alignment
- Station platform
- Benches
- Sidewalk
- 14’ wide multi-use trails
- Overhead catenary poles (OCS)
- Intrusion detection poles
- Limits of disturbance
- 5’-0” wide planting area
- Overstory tree with ground level planting
- Bike parking
- Bus shelters

TREES REPRESENT 25 YEARS GROWTH

WEST LAKE STATION LANDSCAPE DESIGN

SCALE: 1” = 20’

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Kenilworth Corridor Typical Sections

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Notes:
All dimensions on sections are approximate.

Proposed limits of disturbance are identified as Prop. LOD in sections. LOD based on SWLRT preliminary engineering plans Sept. 2014.

Graphic Represents Opening Day Tree Growth
Graphic Represents 15 Year Tree Growth
Graphic Represents 25 Year Tree Growth

DRAFT - WORK IN PROCESS
Notes:
All dimensions on sections are approximate.

Proposed limits of disturbance are identified as Prop. LOD in sections. LOD based on SWLRT preliminary engineering plans Sept. 2014.

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Graphic Represents 15 Year Tree Growth

Graphic Represents 25 Year Tree Growth

DRAFT - WORK IN PROCESS
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Note:
Restoration outside of LOD to be confirmed with property owners.
SOUTH PORTAL VIEWING AREA LANDSCAPE PLAN

SOUTH PORTAL VIEWING AREA BIRD’S EYE VIEW LOOKING WEST

SOUTH PORTAL VIEWING AREA PERSPECTIVE VIEW LOOKING SOUTH WEST

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Kenilworth Corridor North Viewing Portal

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TREES REPRESENT 25 YEARS GROWTH

Native plantings

Recycled tree trunk bench

Crushed aggregate paving

8'-0" high viewing portal

fence

Bike parking

Native pollinator planting

berm

Freight Rail

Kenilworth Trail

NORTH PORTAL VIEWING AREA LANDSCAPE PLAN

SCALE: 1" = 5'

NORTH PORTAL VIEWING AREA BIRD’S EYE VIEW LOOKING NORTHWEST

NORTH PORTAL VIEWING AREA PERSPECTIVE VIEW LOOKING NORTH

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Kenilworth Corridor Seating Areas

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Recycled tree trunk bench

Seating node plantings:
Specific native plants at each seating node to highlight different plant communities along the corridor

Crushed aggregate paving

TREES REPRESENT 25 YEARS GROWTH

TYPICAL SEATING NODE
SCALE: 1" = 10'

PERSPECTIVE VIEW OF SEATING NODE

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Kenilworth Corridor: Screening Concepts of Systems Elements

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Existing trees to remain
Understory trees with ground level plantings

South viewing portal
Shrub massings

TUNNEL SYSTEMS HOUSE
GRAPHIC REPRESENTS 25 YEAR TREE GROWTH

Overstory tree plantings
Tunnels System House 10’x40’
Enhanced screening

TRACTION POWER SUBSTATION
GRAPHIC REPRESENTS 25 YEAR TREE GROWTH

Buffer plantings
Overstory tree plantings with ground level plantings

Enhanced screening wall

Overstory tree and evergreen plantings
Shrub plantings
Tunnel system house 10’x40’
Tunnel signal house 10’x30’
Enhanced screening wall

TUNNEL SYSTEMS HOUSE
GRAPHIC REPRESENTS 25 YEAR TREE GROWTH

Shrub plantings
North viewing portal

Freight crossing house 6’x6’
Platform crossing house 10’x30’

FREIGHT CROSSING HOUSE AND PLATFORM CROSSING HOUSE
GRAPHIC REPRESENTS 25 YEAR TREE GROWTH

LEGEND

New overstory trees
Ground level plantings
Shrub plantings
Traction power substation building
Enhanced screening wall

New overstory tree
Planted areas
Freight rail

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EXISTING CONDITIONS

EXISTING CONDITIONS

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EXISTING CONDITIONS

PROPOSED DESIGN

FREIGHT BRIDGE: 5-SPAN CONCRETE THIN DECK
LRT BRIDGE: SINGLE-SPAN CONCRETE ARCH
TRAIL BRIDGE: SINGLE-SPAN CONCRETE ARCH

PROPOSED DESIGN

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