



UNIVERSITY OF WASHINGTON SEATTLE

Burke Gilman Trail Corridor Design

Phase 1 Development Update

March 2015

- PROJECT OVERVIEW
- PHASE 1 UPDATE
- PHASE 2 UPDATE

■ PROJECT OVERVIEW

history

reaches

framework

alignment and trail section

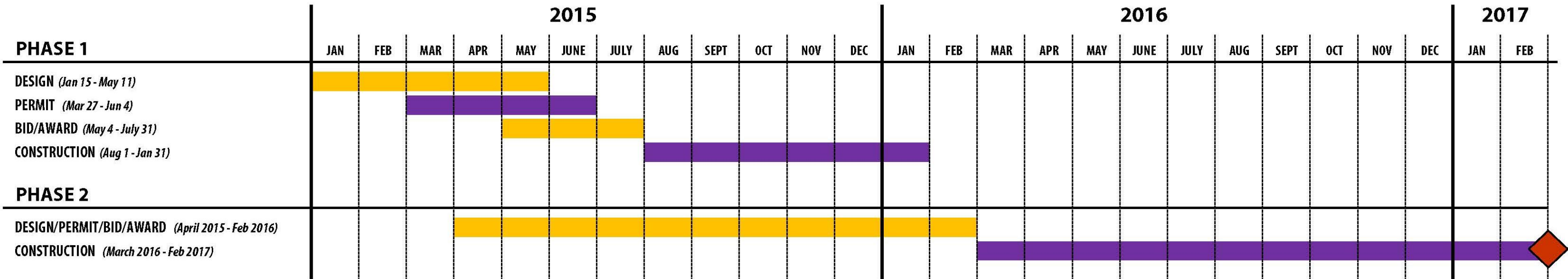
connections and intersections

mixing zones

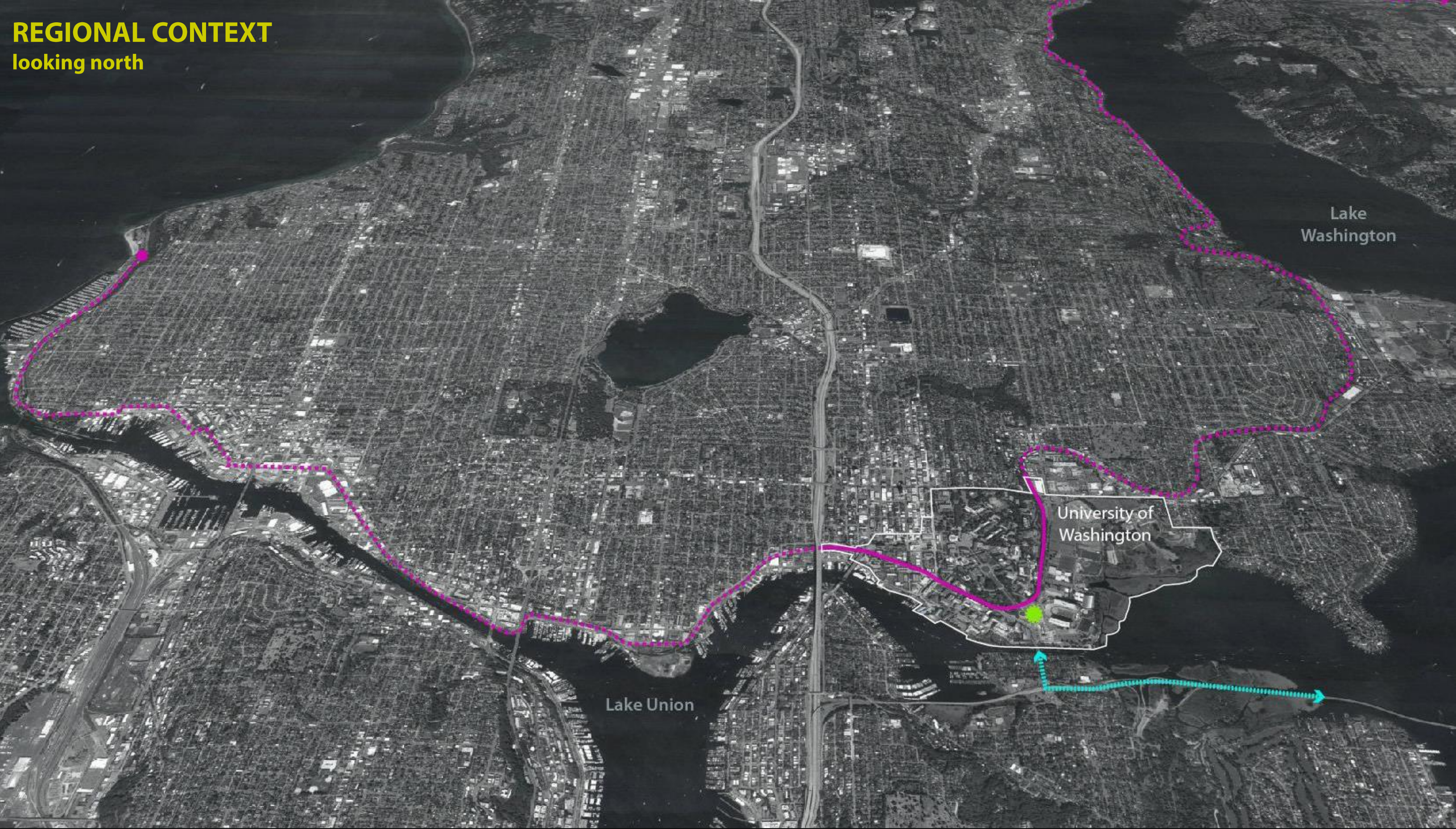
■ PHASE 1 UPDATE

■ PHASE 2 UPDATE

SCHEDULE



REGIONAL CONTEXT
looking north

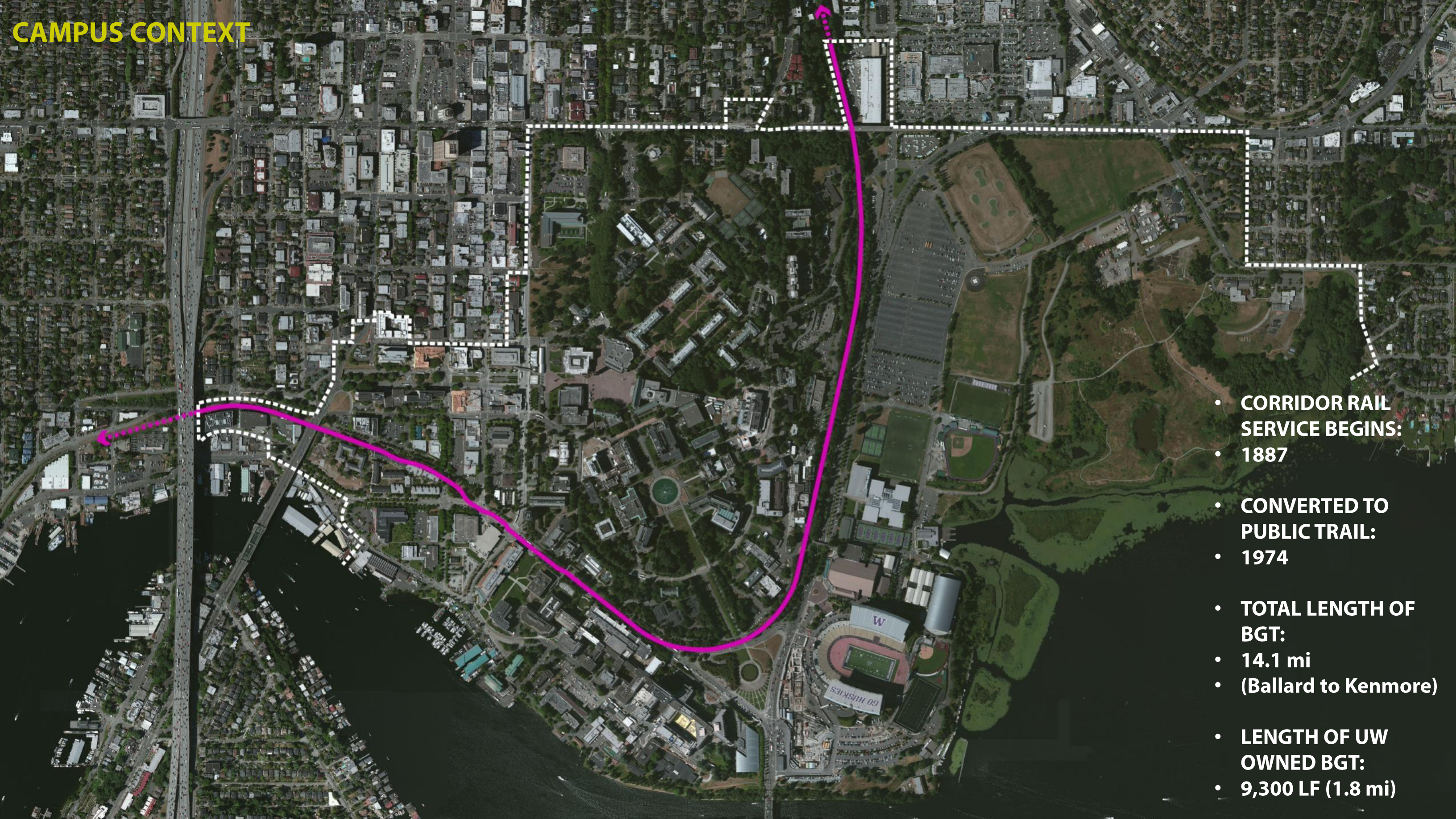


Lake Washington

University of Washington

Lake Union

CAMPUS CONTEXT



- **CORRIDOR RAIL SERVICE BEGINS:**
- **1887**

- **CONVERTED TO PUBLIC TRAIL:**
- **1974**

- **TOTAL LENGTH OF BGT:**
- **14.1 mi**
- **(Ballard to Kenmore)**

- **LENGTH OF UW OWNED BGT:**
- **9,300 LF (1.8 mi)**



**REACHES
OF THE BGT**

----- UW Boundary

TRAIL REACHES

Northlake Reach

Neighborhood Reach

Garden Reach

Campus Reach

Forest Reach



PHASE 1

1/4 mi

**TRAIL DESIGN
PROPOSED
CROSS SECTIONS**

-  UW boundary
-  gateway

SECTIONS


total width: 23.5 ft
8 ft pedestrian / 10 ft bicycle


total width: 25.5 ft
10 ft pedestrian / 10 ft bicycle


total width: 27.5 ft
10 ft pedestrian / 12 ft bicycle


total width: 29.5 ft
12 ft pedestrian / 12 ft bicycle


total width: varies


total width: 20 ft*
6 ft pedestrian / 10 ft bicycle

(*per MT+LRV and
Pend Oreille Entry Improvements Study)

note: total trail width includes 2 ft
gravel shoulder at both sides of trail
and 18" curb between paths



1/4 mi



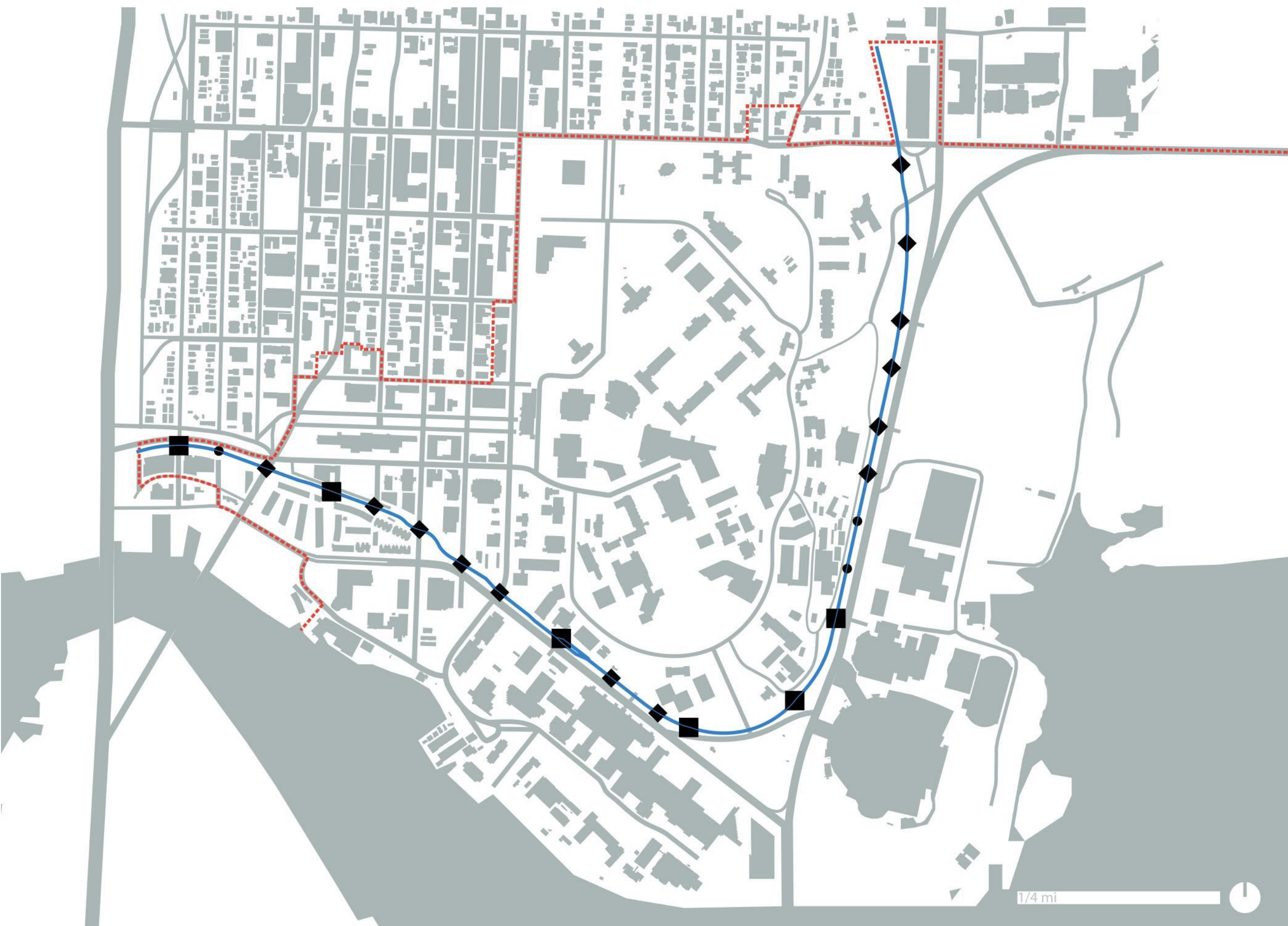
**PROPOSED
NODES
OF THE BGT**

- UW Boundary
- Burke Gilman Trail

NODES

- major mixing zone
- ◆ minor mixing zone
- overlook

**NODES PUNCTUATE
THE TRAIL AT REGULAR
INTERVALS**



1/4 mi



MAJOR MIXING ZONE

- major point of connection
- coordinated with campus scale bicycle parking
- multiple coordinated lighting strategies: trail level / pedestrian level / accent
- campus scale wayfinding / gateways
- multiple seating options



MINOR MIXING ZONE

- minor point of connection
- integrated bicycle parking
- multiple coordinated lighting strategies: trail level / pedestrian level
- local wayfinding
- seating



OVERLOOK

- multiple coordinated lighting strategies: trail level / pedestrian level
- contextual connection
- seating

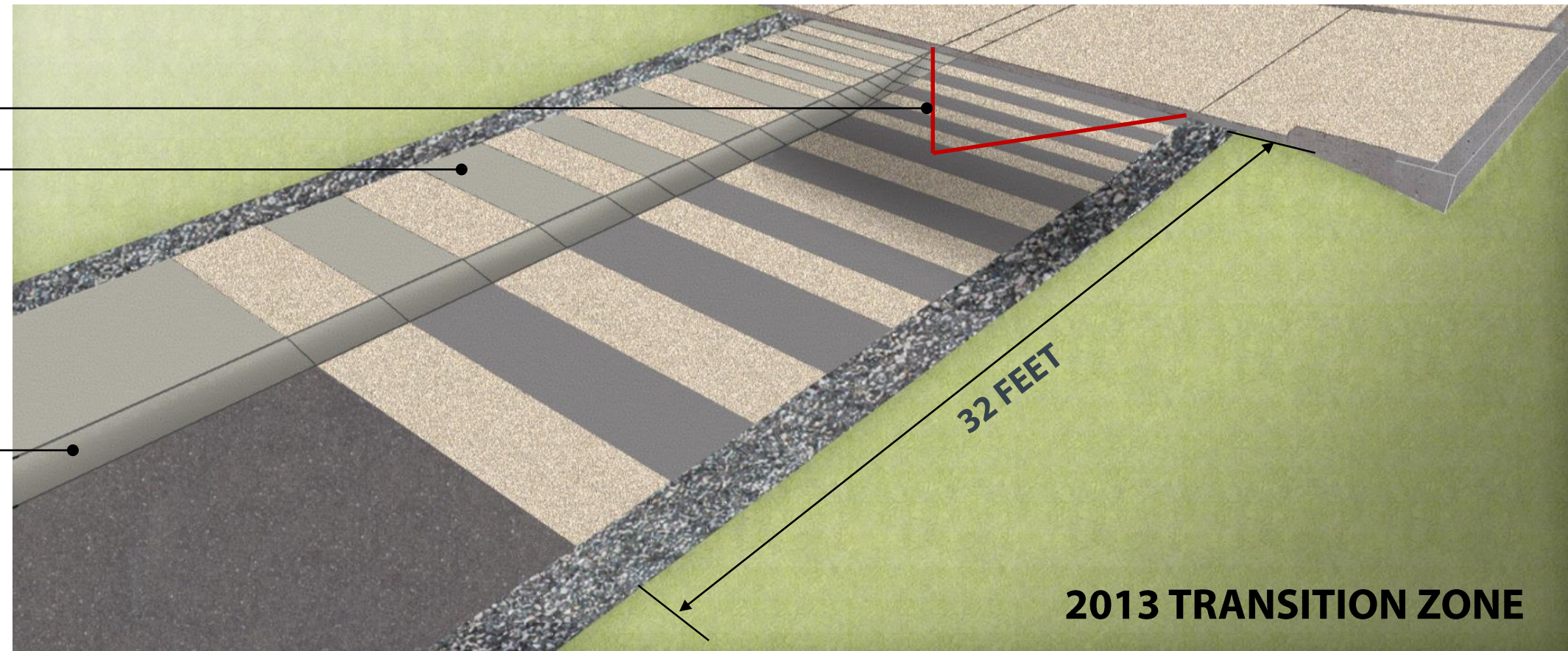
SPEED TABLE AT BICYCLE PATH

TRANSITION ZONE BANDING

18" W X 4" H ROLLED CURB

FOR TRAIL USERS APPROACHING A MIXING ZONE:

TRANSITION ZONE BANDS INDICATE CHANGING CONDITION;
SPEED TABLE SLOWS BICYCLES; MIXING ZONE PAVEMENT
CLEARLY IDENTIFIES INTERSECTION ZONE



2013 TRANSITION ZONE

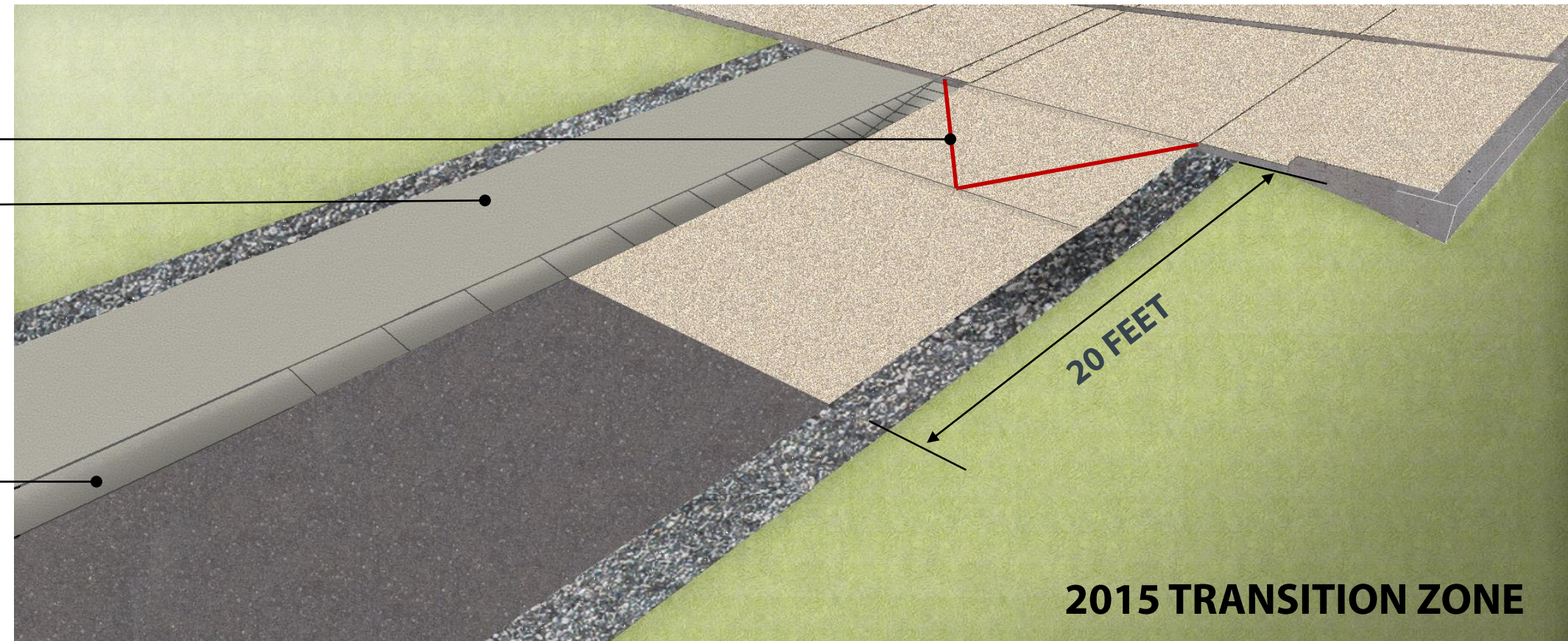
SPEED TABLE AT BICYCLE PATH

CONCRETE TRANSITION ZONE

18" W X 4" H ROLLED CURB

FOR TRAIL USERS APPROACHING A MIXING ZONE:

TRANSITION ZONE MATERIAL DIFFERS FROM ASPHALT
INDICATING A CHANGING CONDITON: SPEED TABLE SLOWS
BICYCLES; MIXING ZONE PAVEMENT CLEARLY IDENTIFIES
INTERSECTION ZONE



2015 TRANSITION ZONE



2013 PLAN



ASPHALT

BICYCLE PATH



CONCRETE

PEDESTRIAN PATH



GRAVEL

SHOULDER



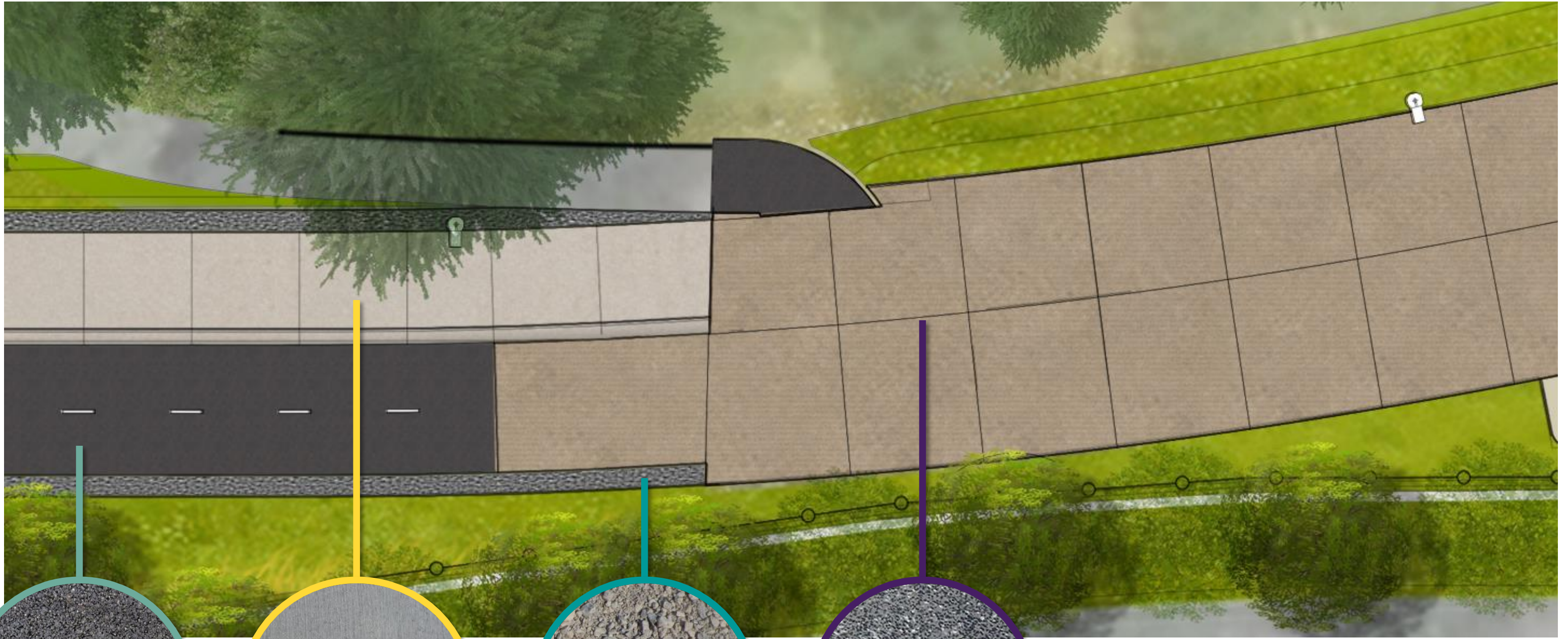
COARSE EXPOSED
AGGREGATE
CONCRETE

MIXING ZONE BANDS



FINE EXPOSED
AGGREGATE
CONCRETE

MIXING ZONE



2015 PLAN



ASPHALT

BICYCLE PATH



CONCRETE

PEDESTRIAN PATH



GRAVEL

SHOULDER



**COARSE EXPOSED
AGGREGATE
CONCRETE**

MIXING ZONE

kpff PLACE

- PROJECT HISTORY

- PHASE 1 UPDATE

 - project location*

 - previous plan*

 - alignment changes*

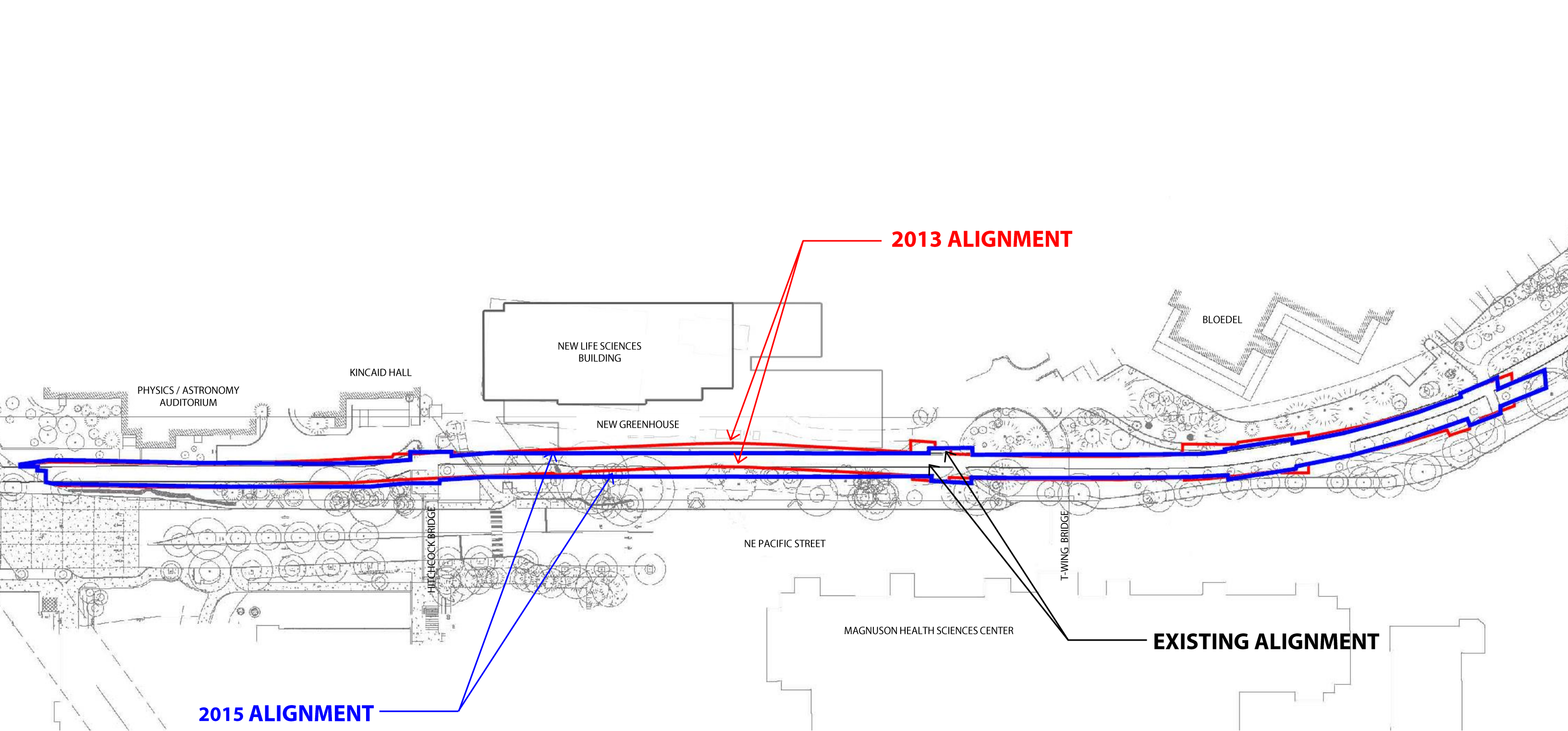
 - revised plan*

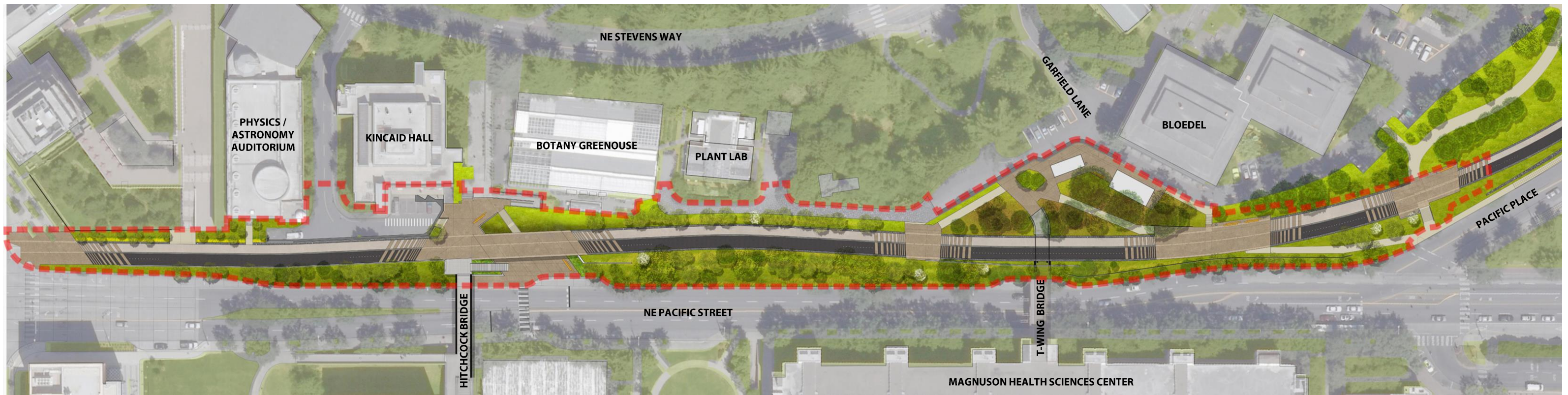
 - tree removal and planting*

 - mixing zones*

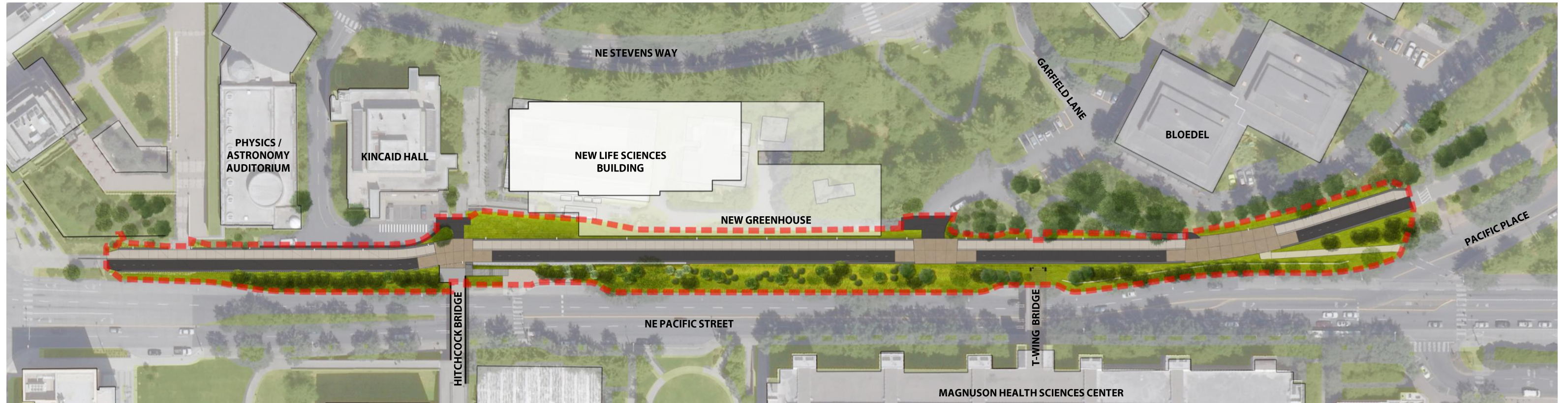
 - railings and furnishings*

- PHASE 2 UPDATE

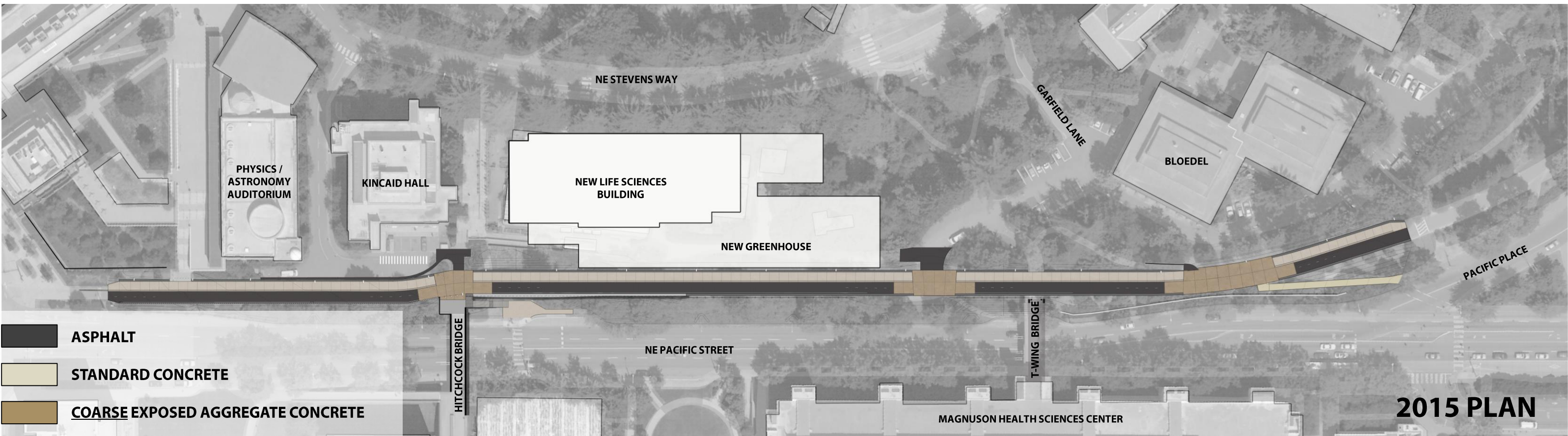
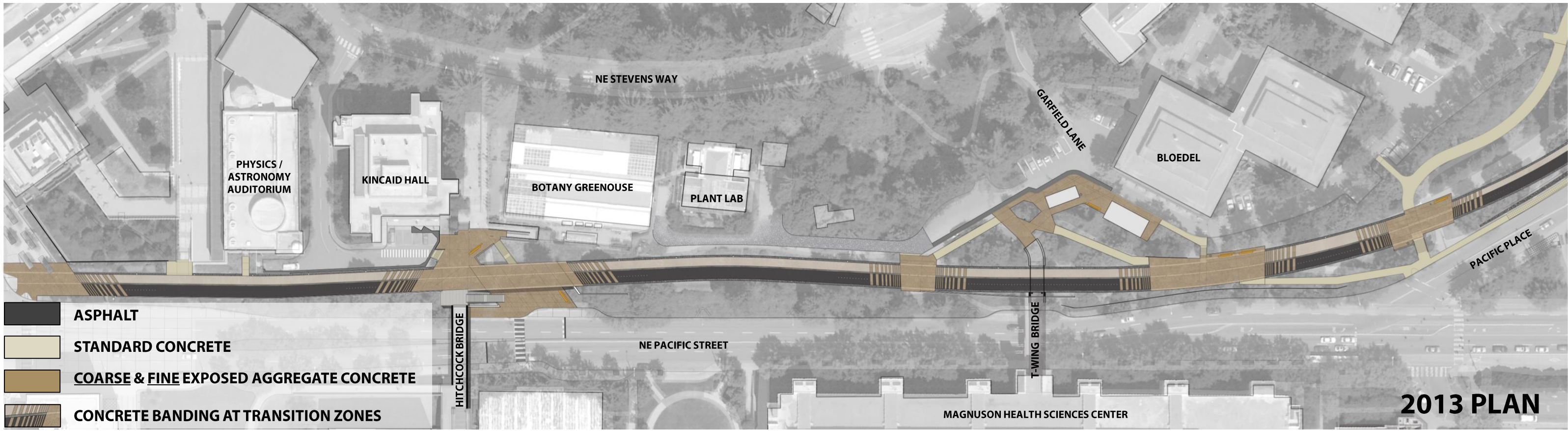


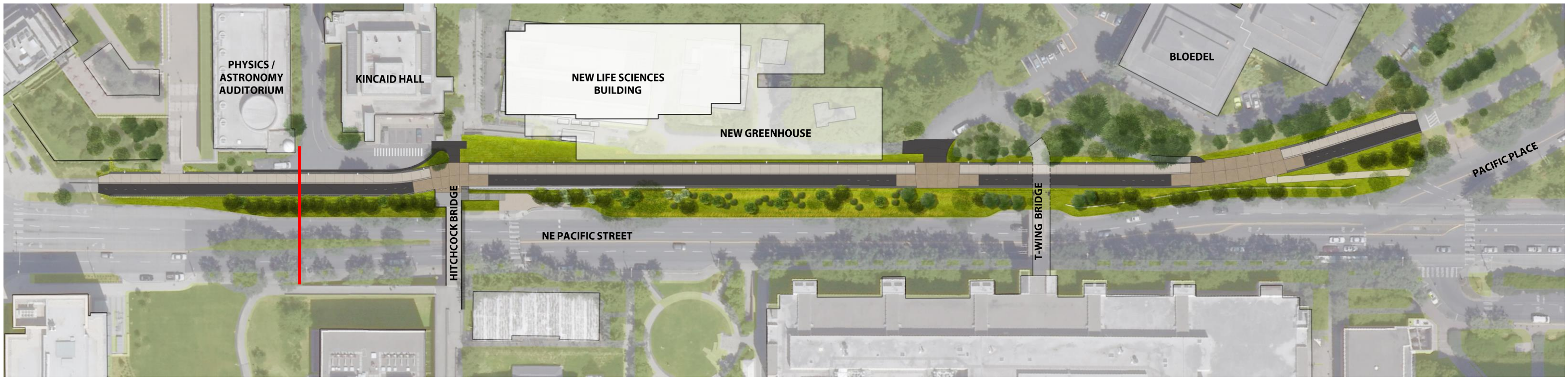


2013 PLAN



2015 PLAN

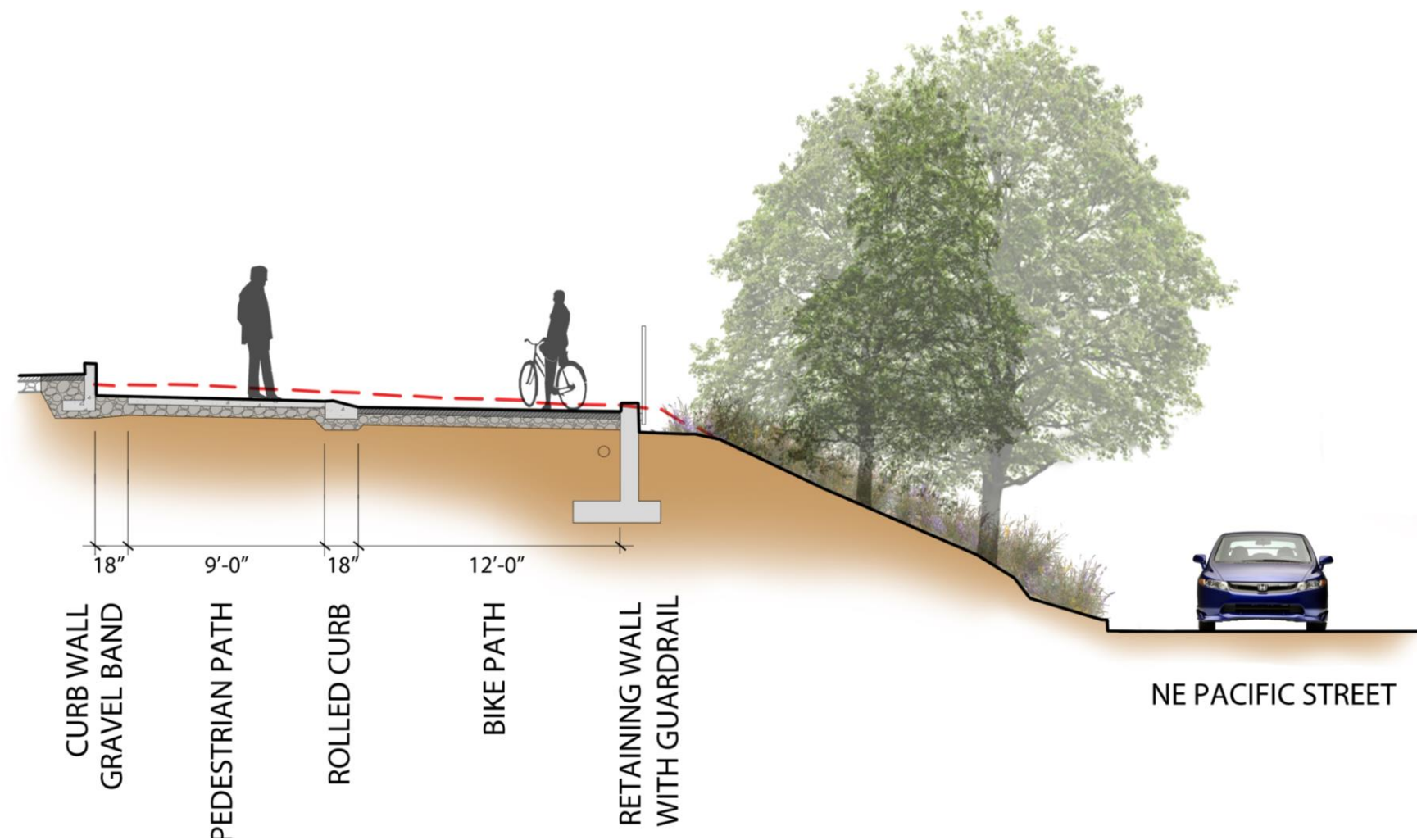




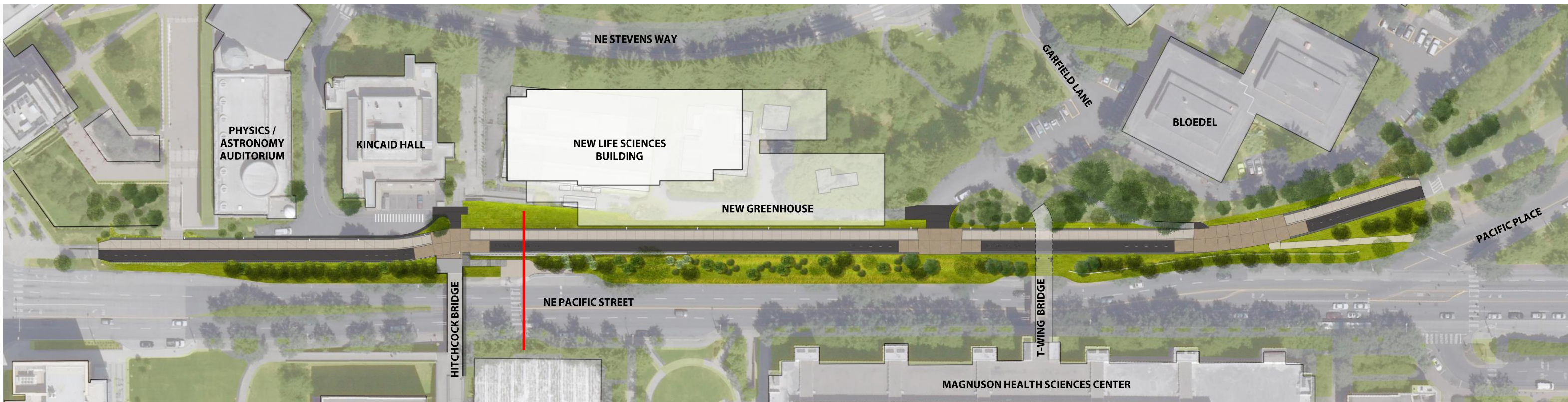
2015 PLAN



EXISTING CONDITION



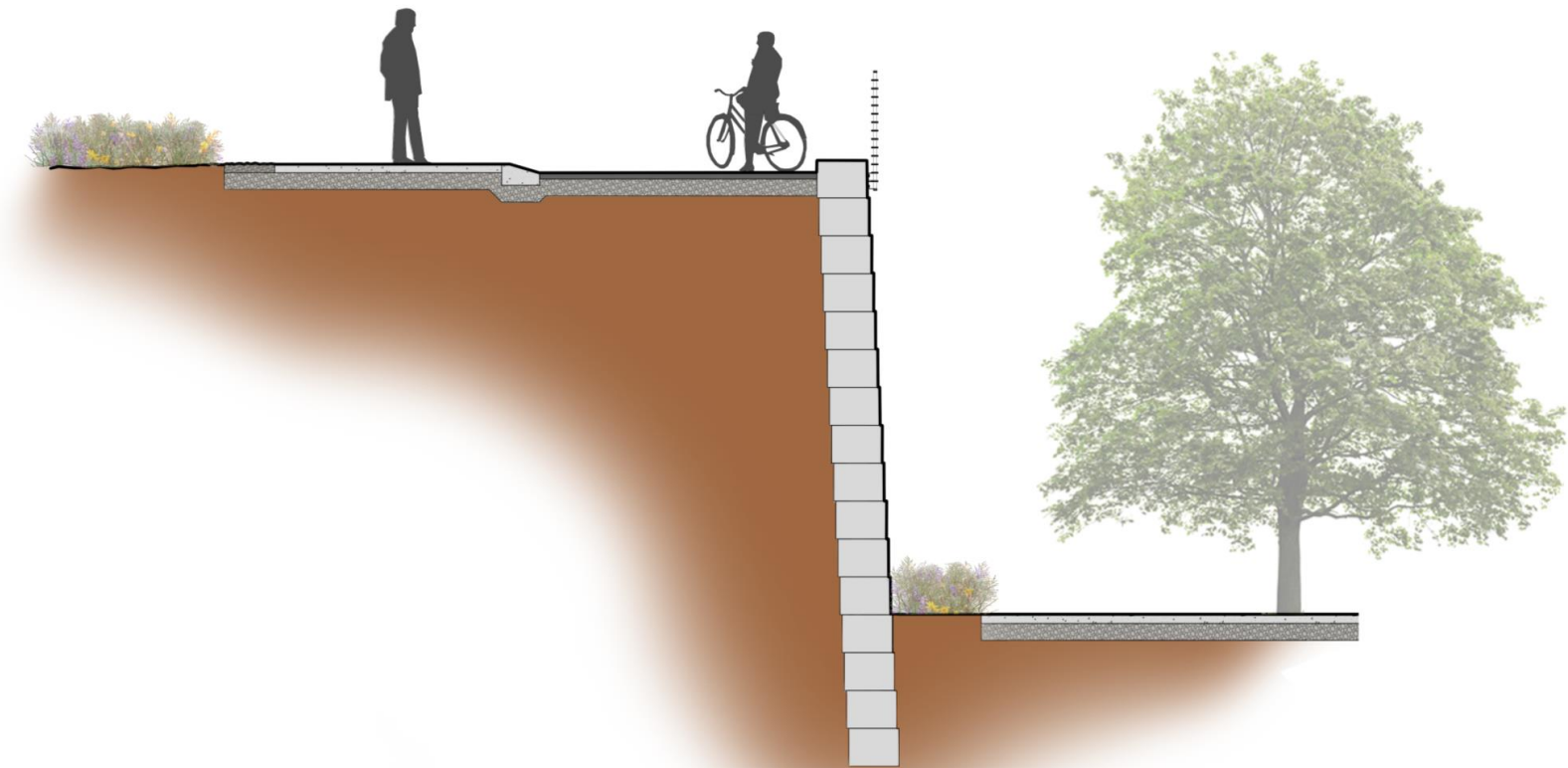
kpff PLACE



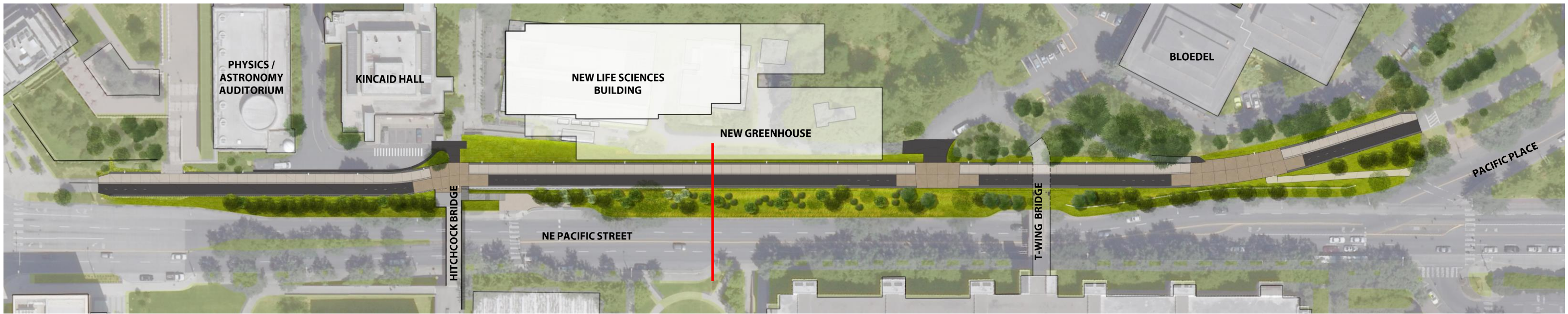
2015 PLAN



EXISTING CONDITION



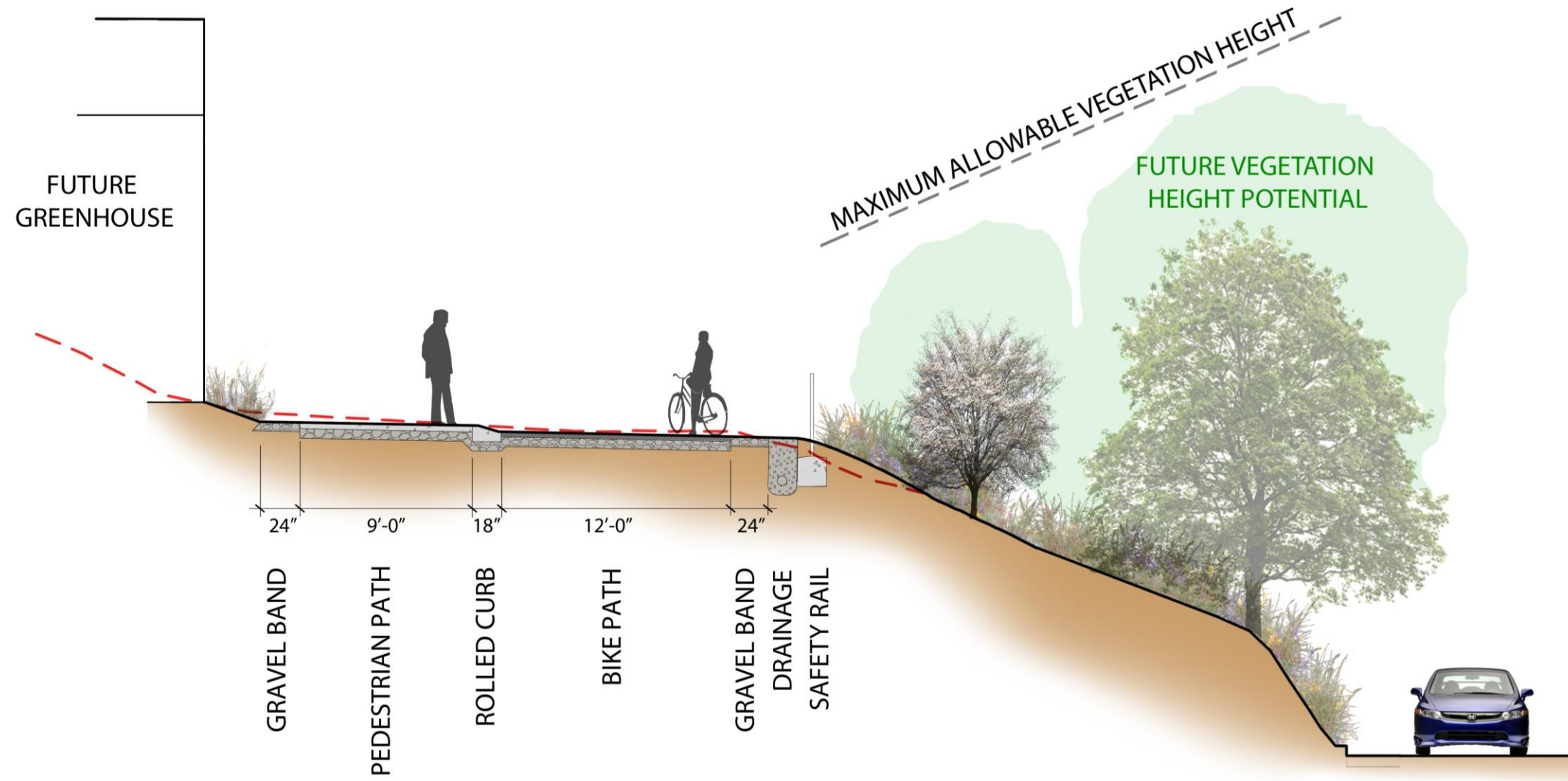
PHASE 1 UPDATE - SECTION AT LEWIS LANE BRIDGE



2015 PLAN

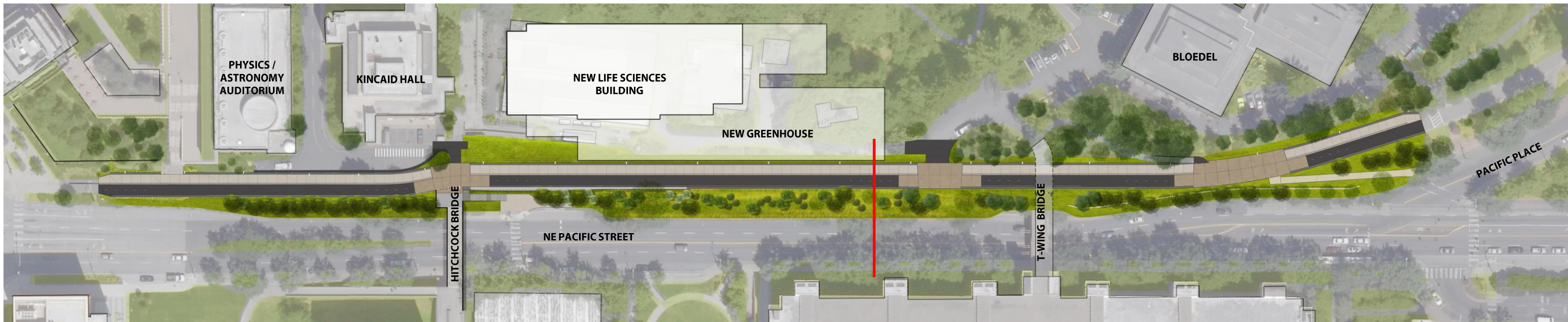


EXISTING CONDITION



NE PACIFIC ST

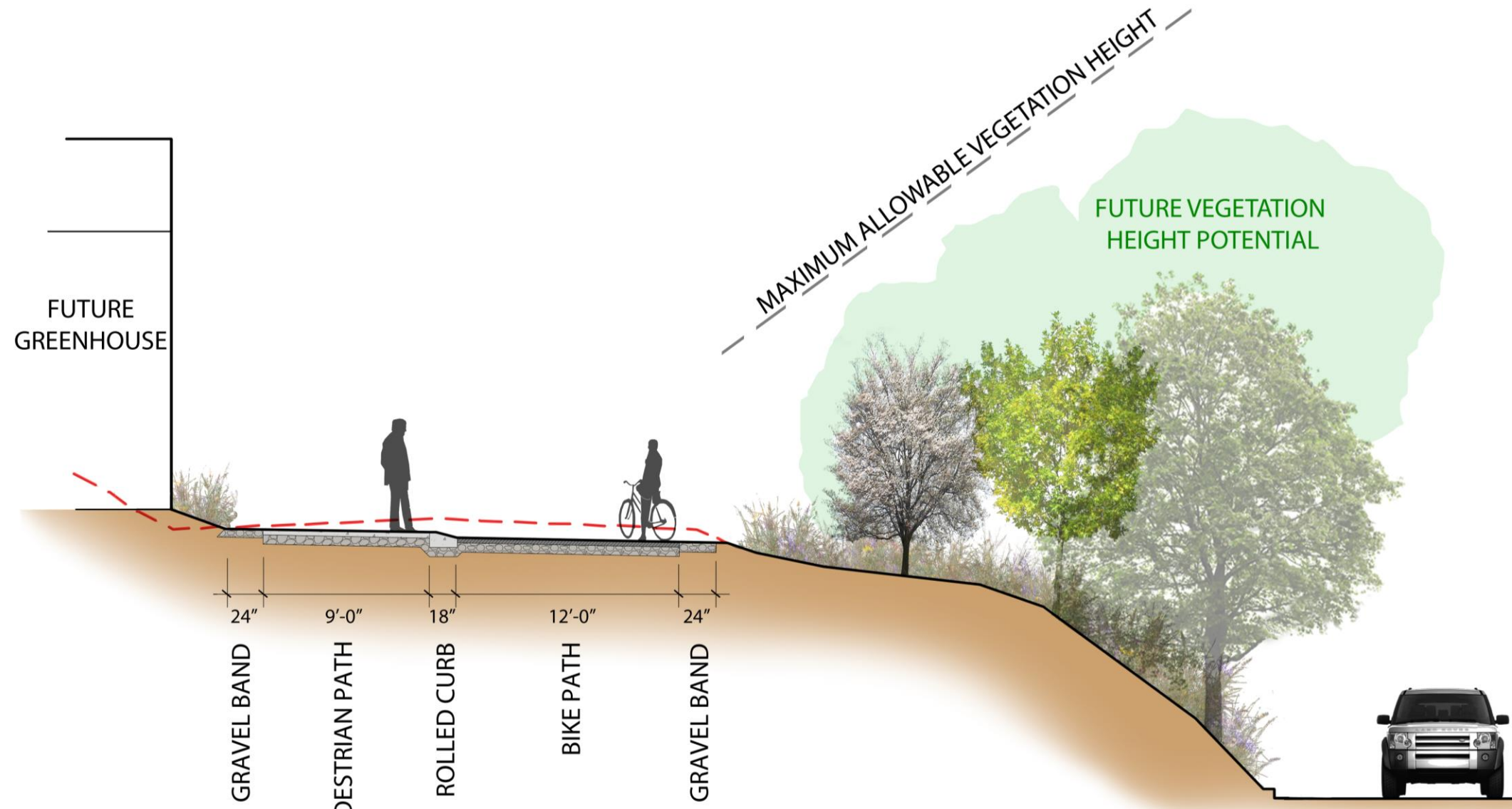
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2015 PLAN



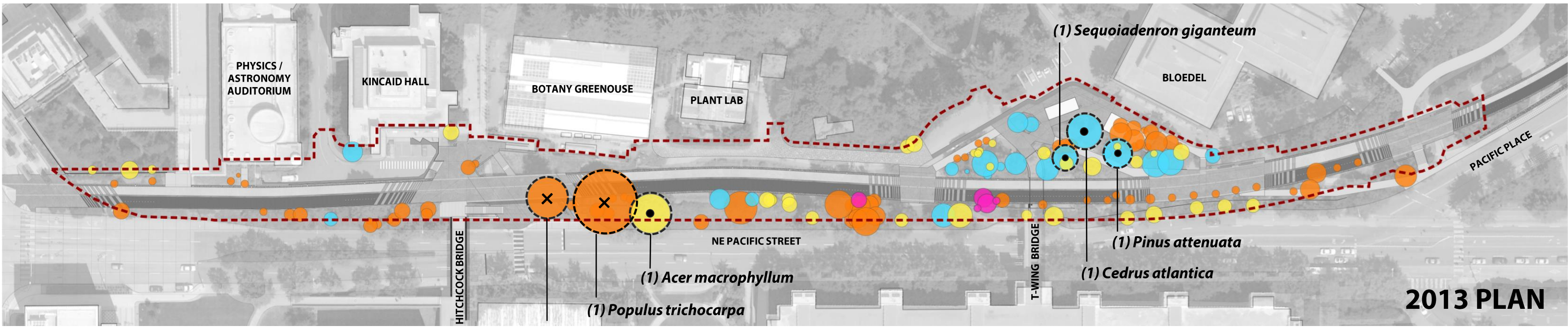
EXISTING CONDITION



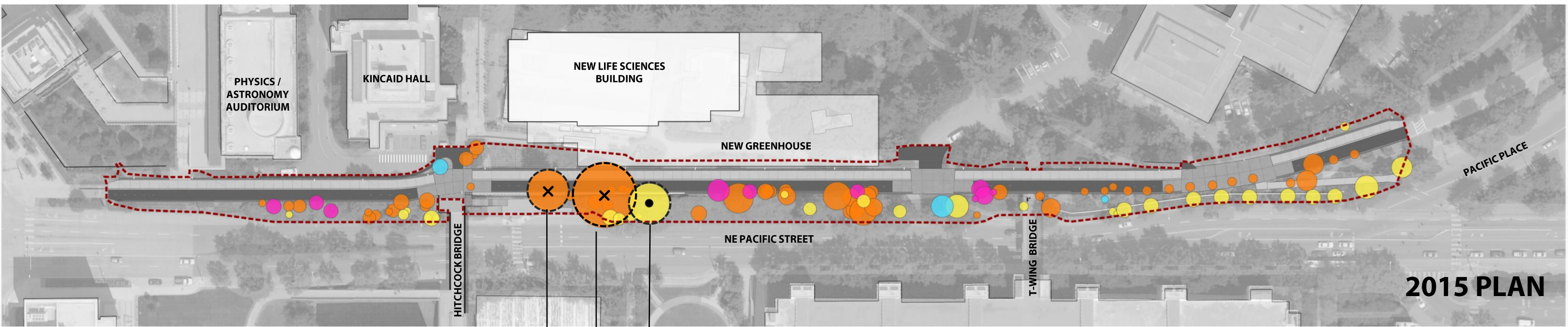
NE PACIFIC STREET

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2013 PLAN



2015 PLAN

- EXISTING DECIDUOUS TREE TO BE REMOVED
- EXISTING CONIFEROUS TREE TO REMAIN & PROTECT
- EXISTING DECIDUOUS TREE TO REMAIN & PROTECT
- EXISTING CONIFEROUS TREE TO BE REMOVED
- × SIGNIFICANT TREE TO BE REMOVED
- SIGNIFICANT TREE TO REMAIN & PROTECT

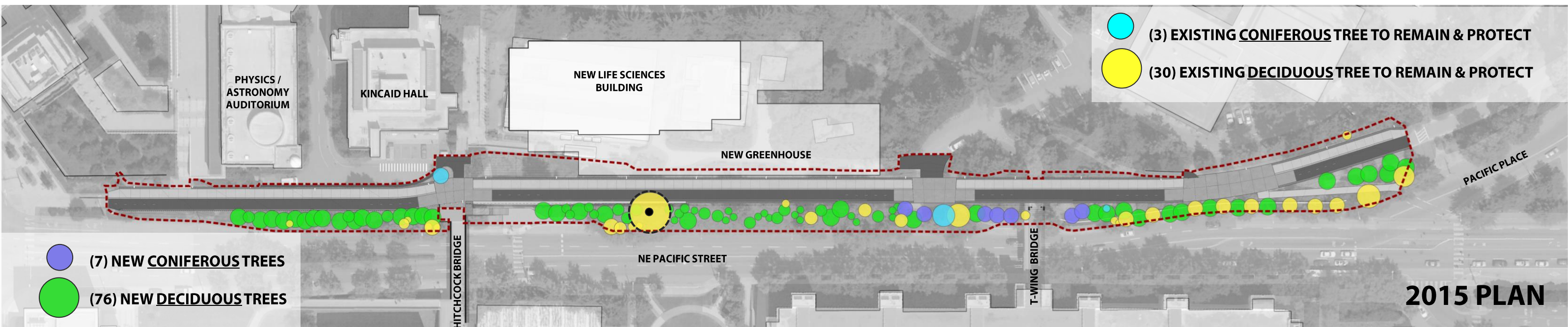
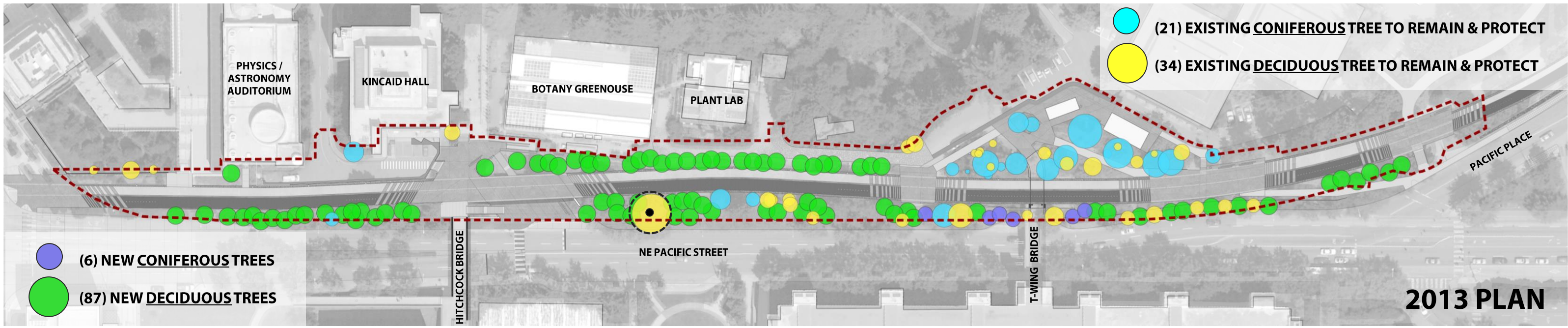
(1) *Acer macrophyllum*
 (1) *Populus trichocarpa*
 (1) *Acer macrophyllum*

2013 PLAN

- (68) EX. DECIDUOUS TREES TO BE REMOVED
- (2) SIGNIFICANT DECIDUOUS TREE TO BE REMOVED
- (5) EXISTING CONIFEROUS TREES TO BE REMOVED

2015 PLAN

- (61) EX. DECIDUOUS TREES TO BE REMOVED
- (2) SIGNIFICANT DECIDUOUS TREE TO BE REMOVED
- (10) EXISTING CONIFEROUS TREES TO BE REMOVED

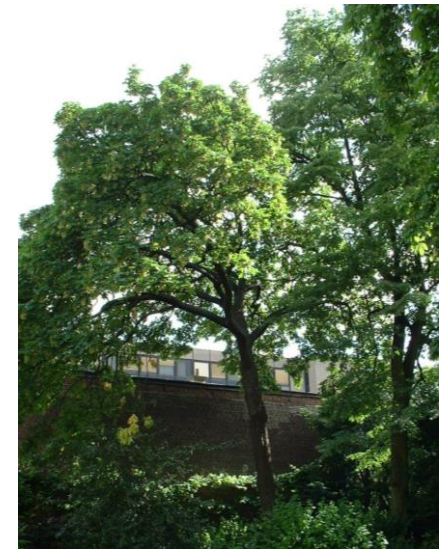


PLANT PALETTE

- TREES**
 big leaf maple
 bitter cherry
 Douglas fir
 hybrid Pacific dogwood
 Rocky Mountain maple
- SHRUBS & VINES**
 climbing hydrangea
 sword fern
 white rockrose
- RESTORATION SEED MIX**
 cornflower
 creeping red fescue
 perennial ryegrass
 Douglas lupine
 many-leaved lupine
- RESTORATION SEED MIX**
 dwarf cornflower
 chewings fescue
 dwarf perennial ryegrass
 perennial lupine
 river lupine



DOUGLAS FIR



BIG LEAF MAPLE



BITTER CHERRY



HYBRID PACIFIC DOGWOOD



ROCKY MOUNTAIN MAPLE



CLIMBING HYDRANGEA



BANK RESTORATION MIX

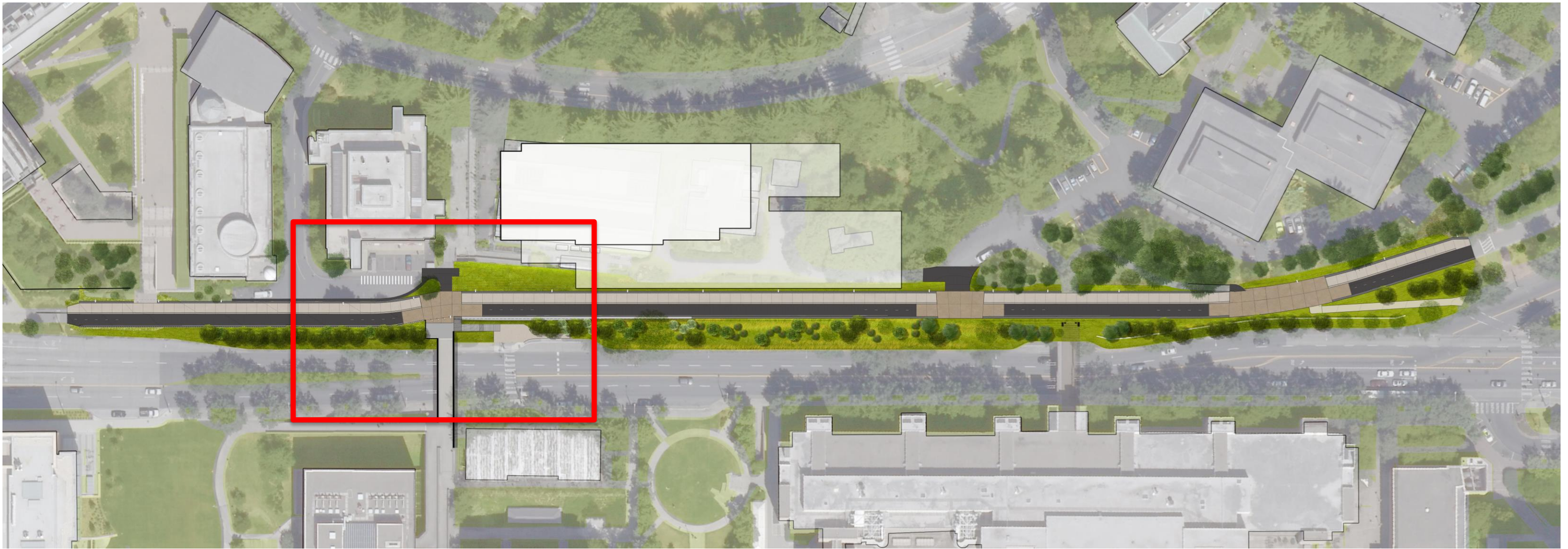


SWORD FERN

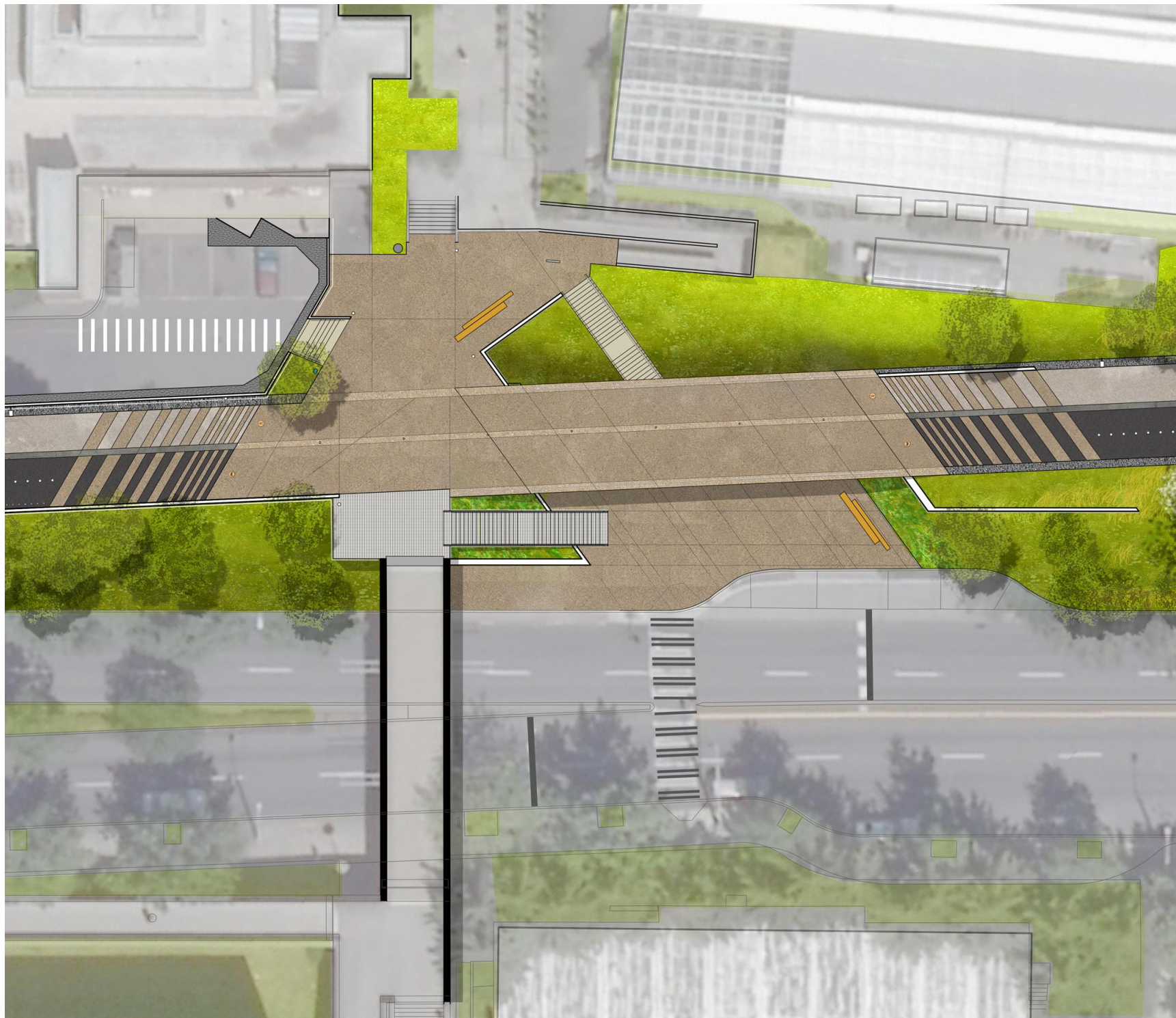


ROCKROSE





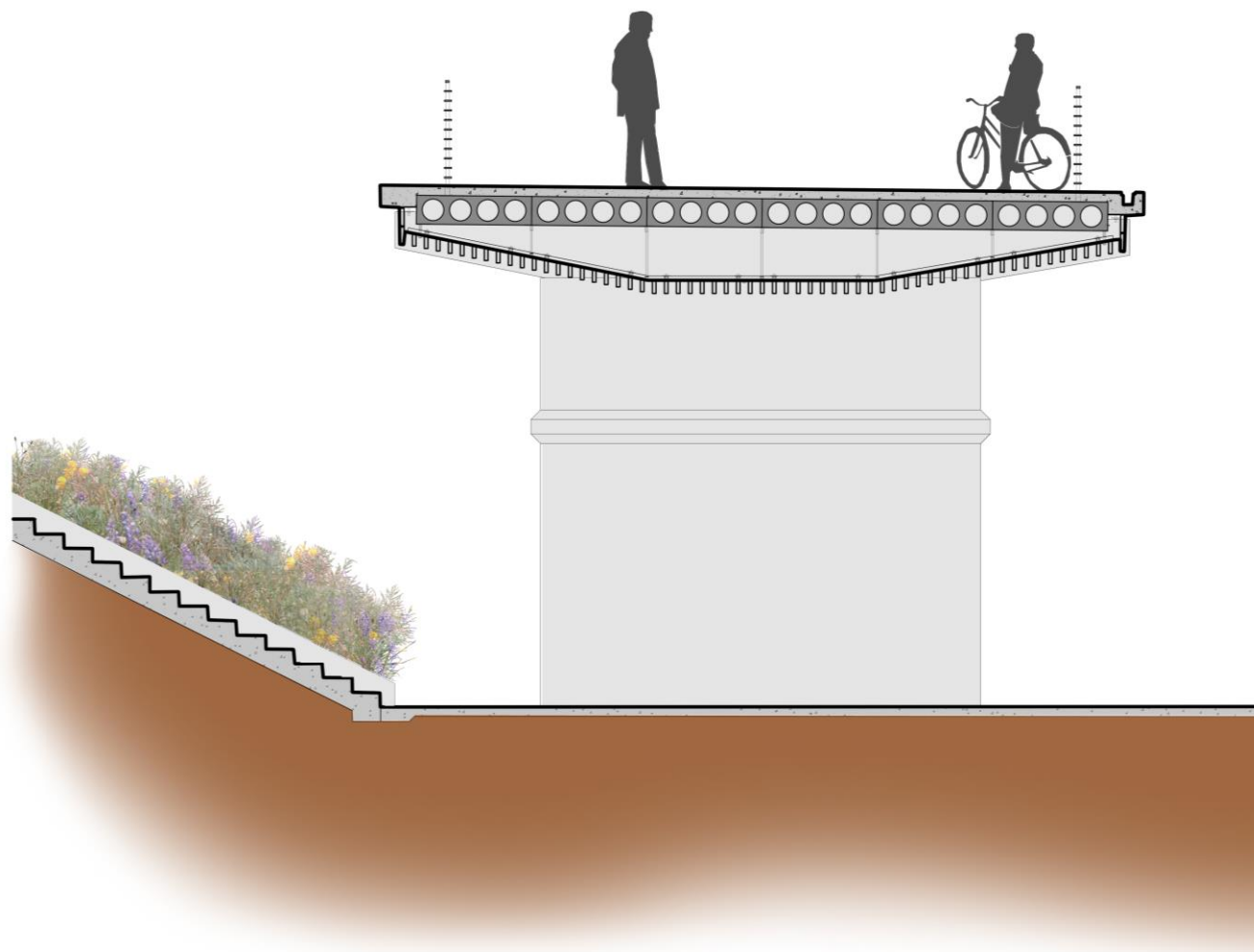
2015 PLAN



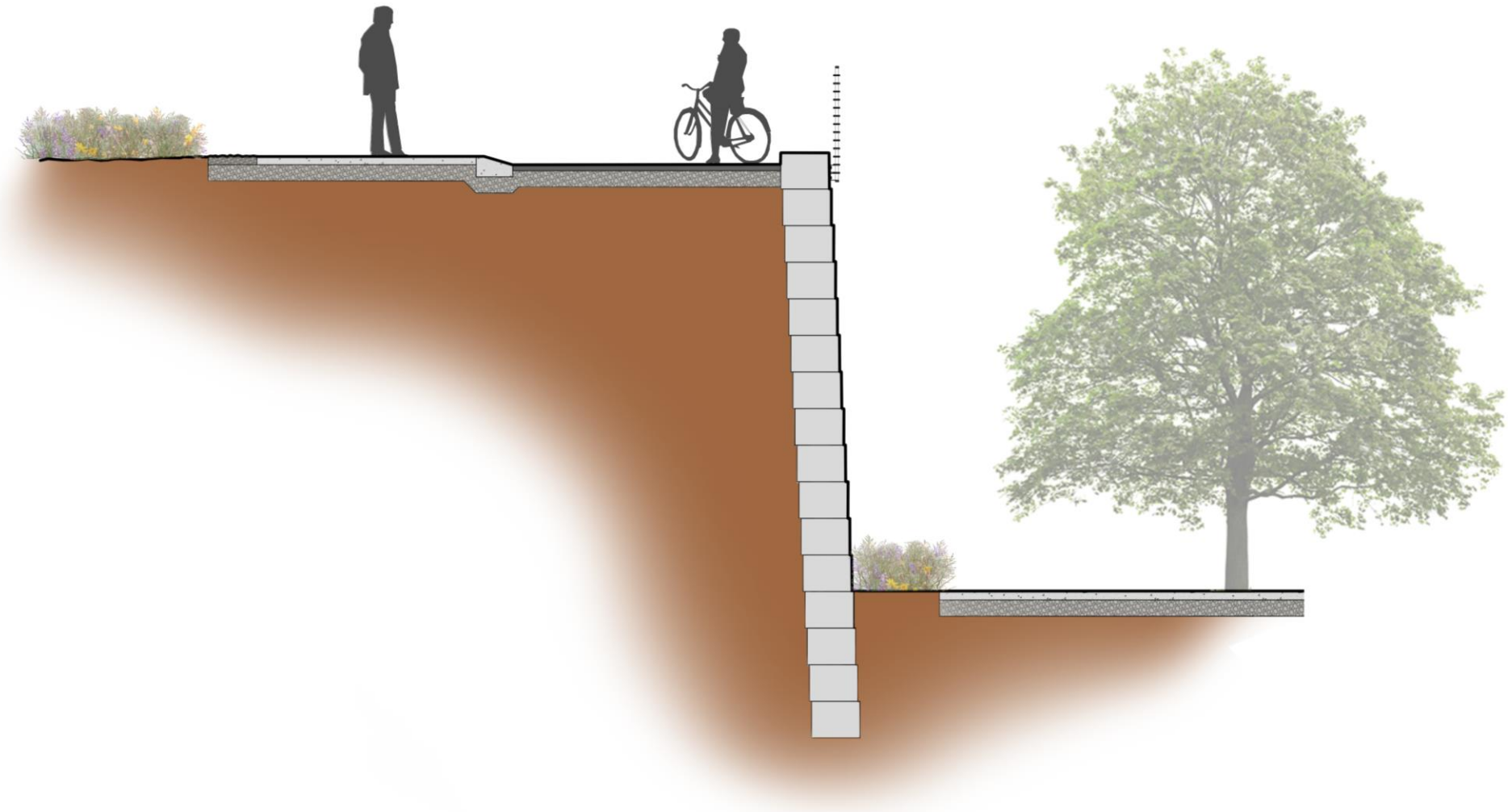
2013 PLAN



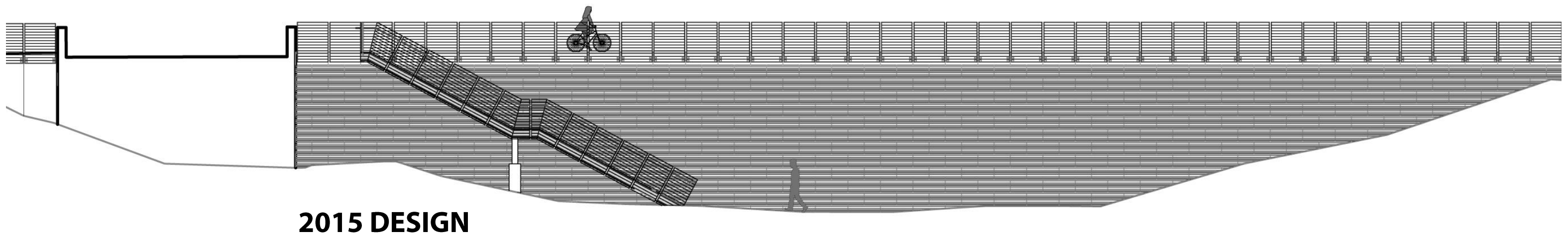
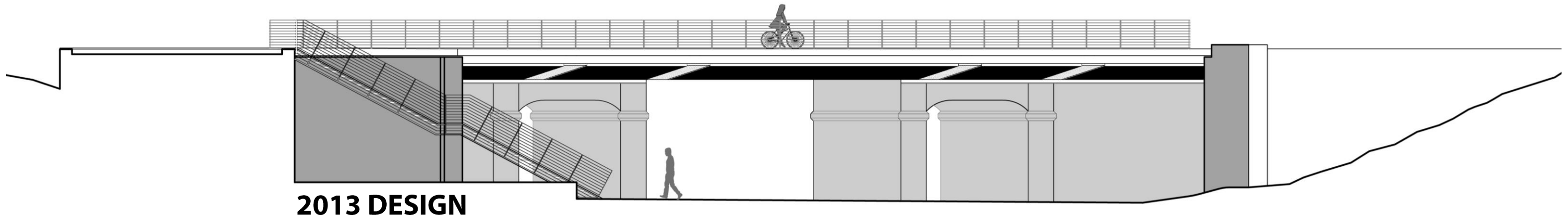
2015 PLAN



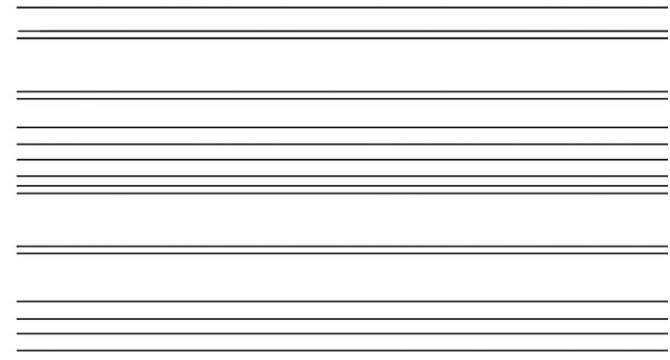
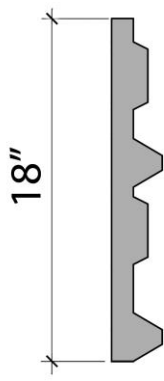
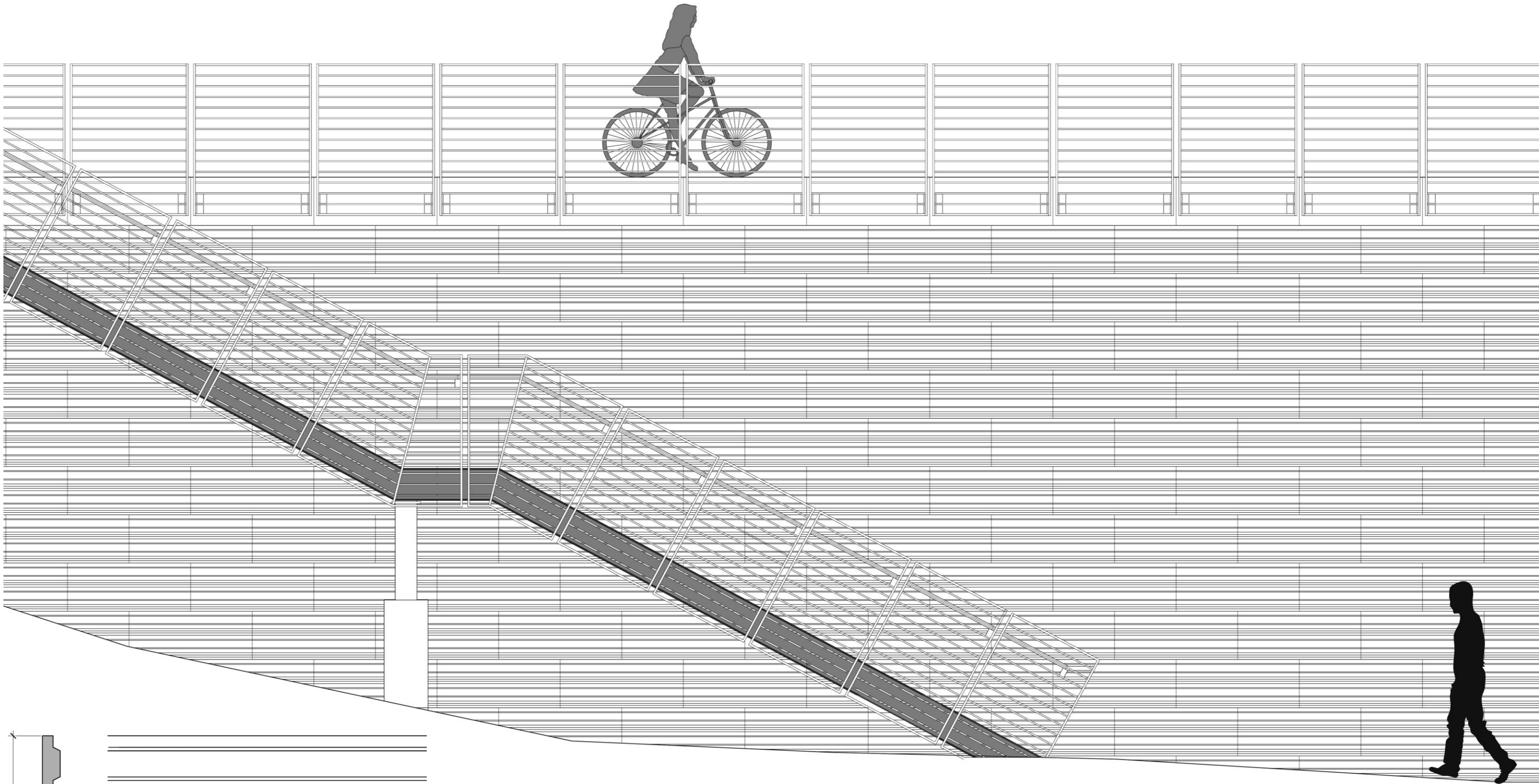
2013 DESIGN



2015 DESIGN







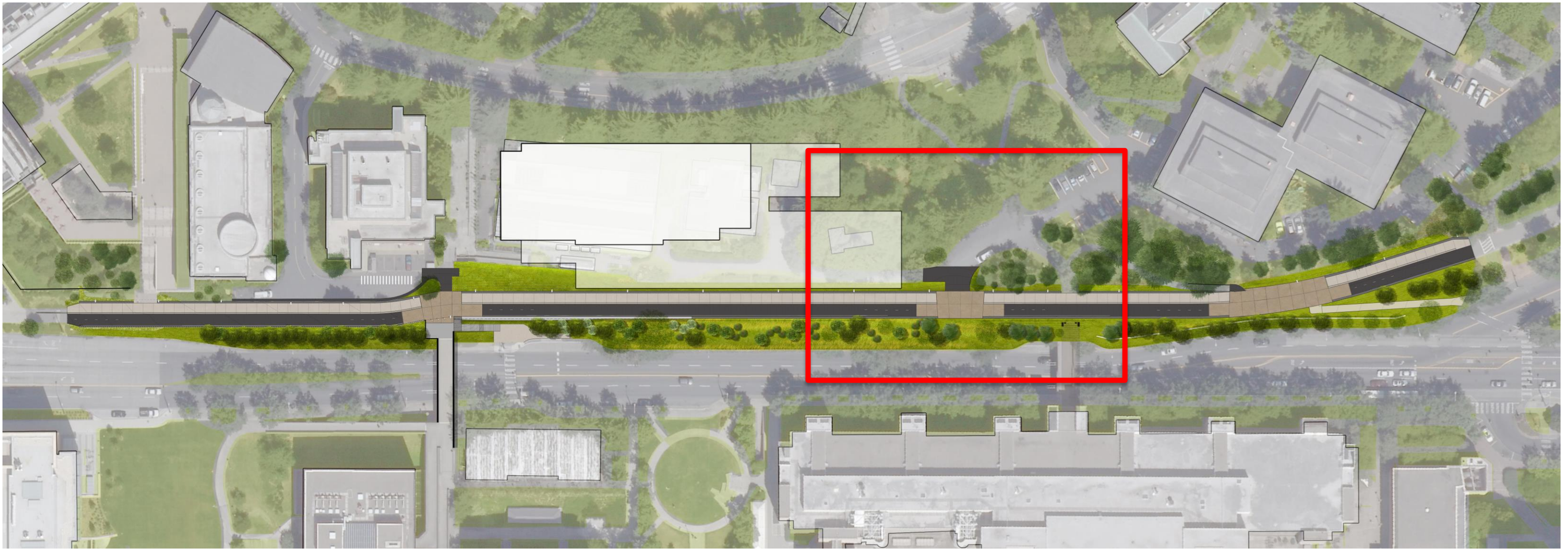
WALL TEXTURE

2015 DESIGN









2015 PLAN



2013 PLAN



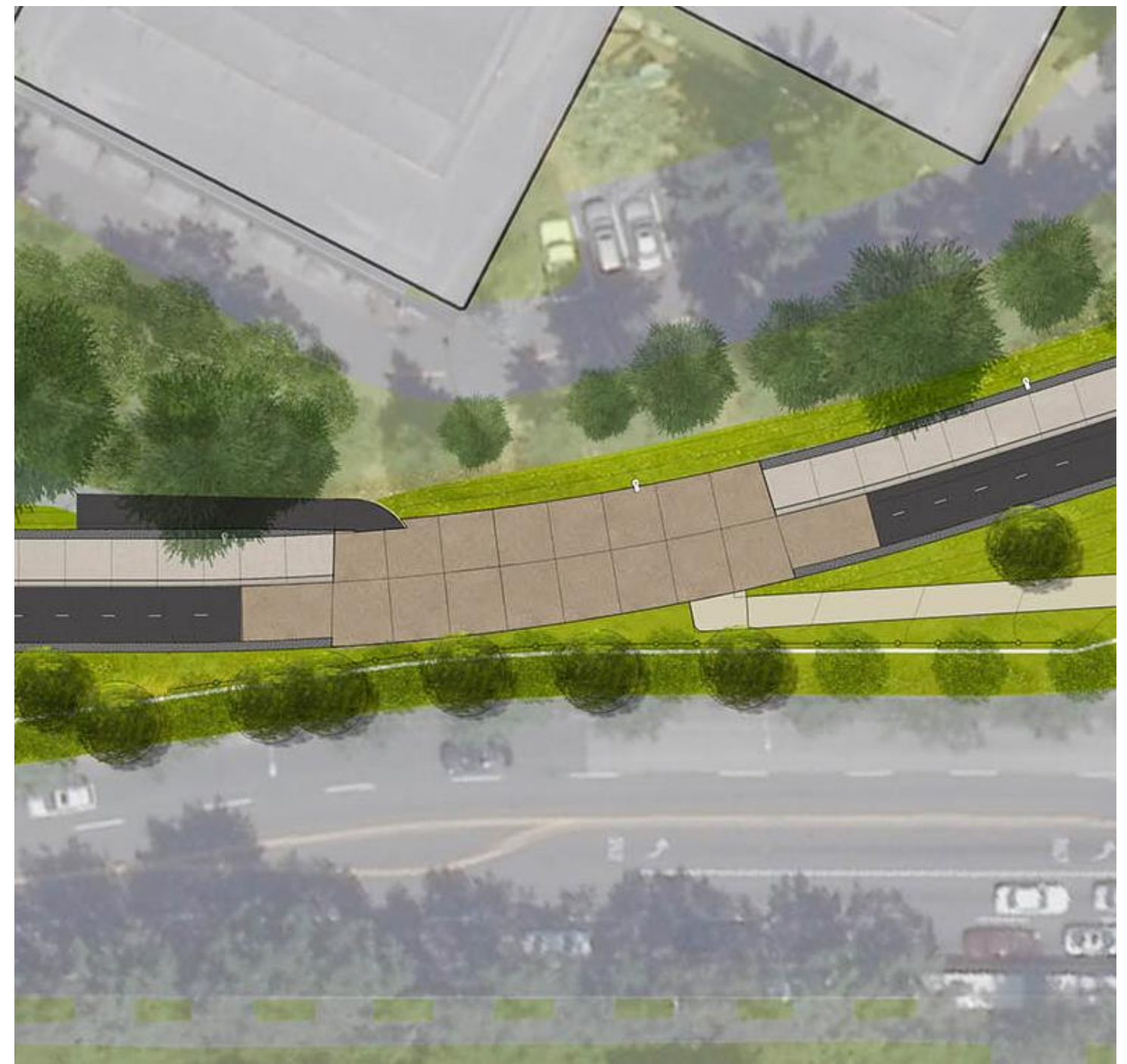
2015 PLAN



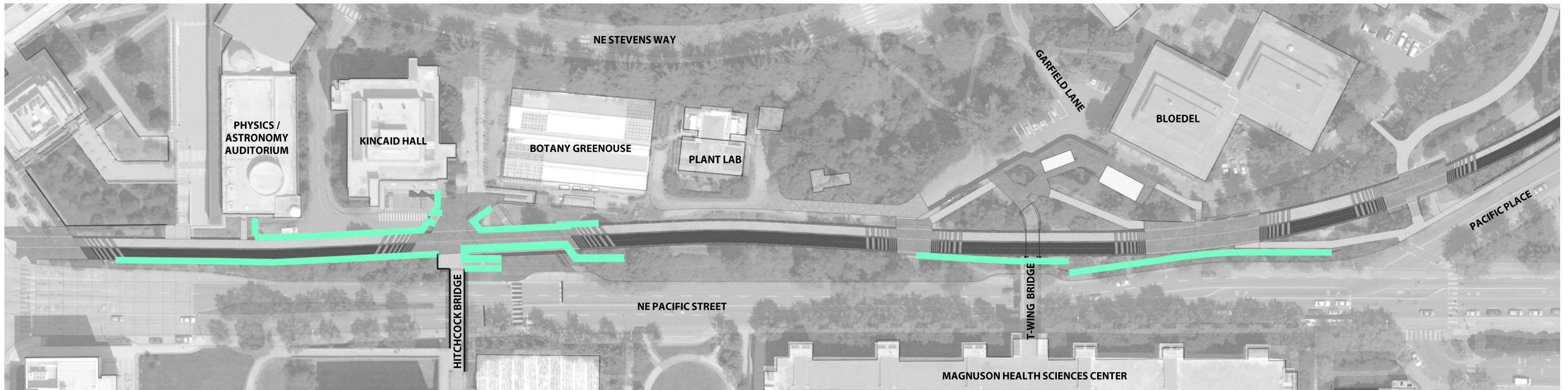
2015 PLAN



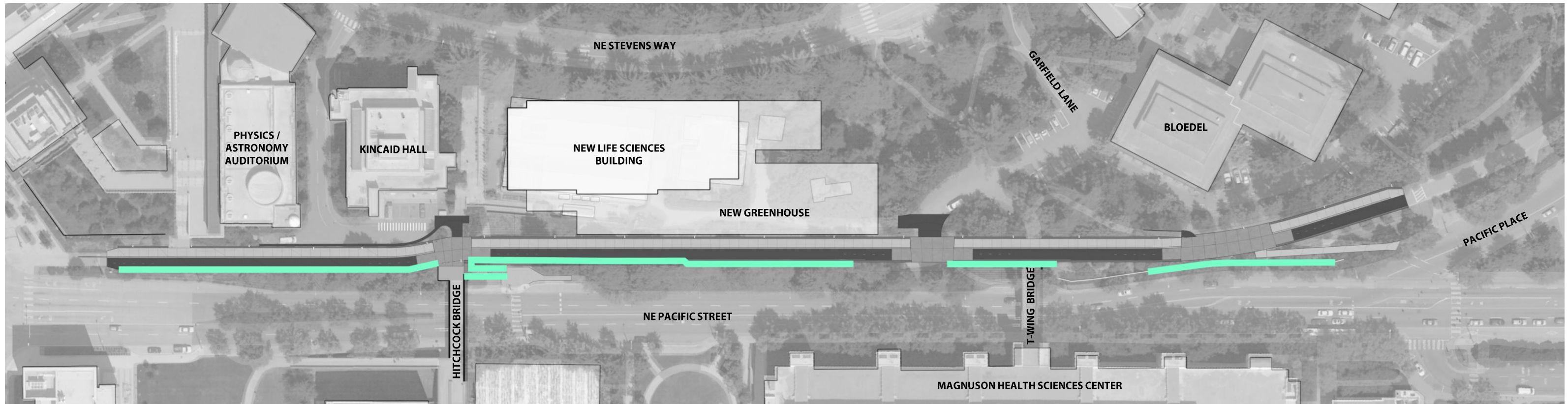
2013 PLAN



2015 PLAN



2013 PLAN



2015 PLAN



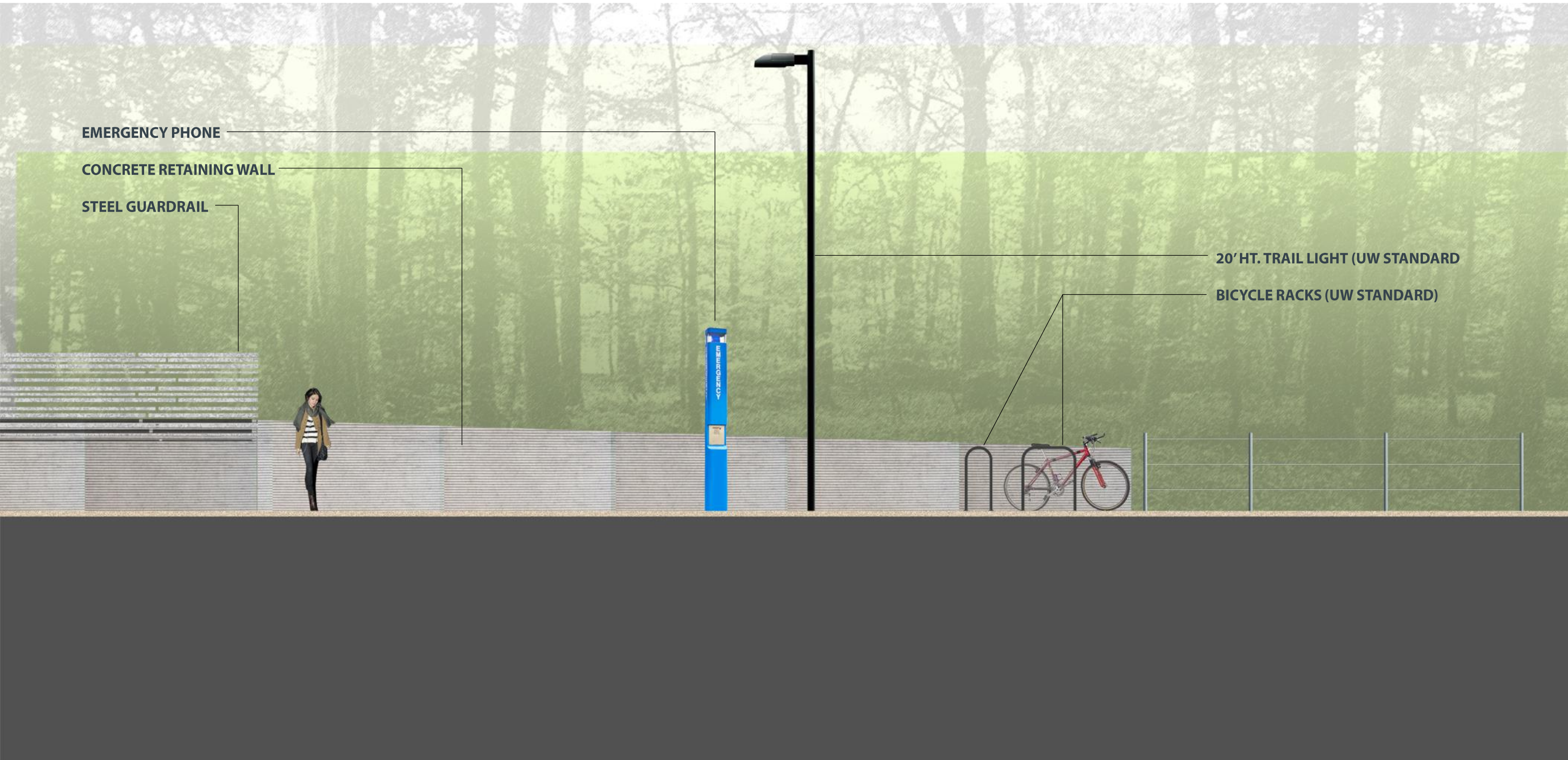
2013 DESIGN

- **3/8" x 3" GALVANIZED FLAT BAR SLATS**
- **1/2" x 1 1/2" GALVANIZED FLAT BAR FRAME**



2015 DESIGN

- **3/8" x 3" GALVANIZED FLAT BAR SLATS**
- **1/2" x 1 1/2" GALVANIZED FLAT BAR FRAME**



EMERGENCY PHONE

CONCRETE RETAINING WALL

STEEL GUARDRAIL

20' HT. TRAIL LIGHT (UW STANDARD)

BICYCLE RACKS (UW STANDARD)

- PROJECT HISTORY
- PHASE 1 UPDATE
- PHASE 2 UPDATE

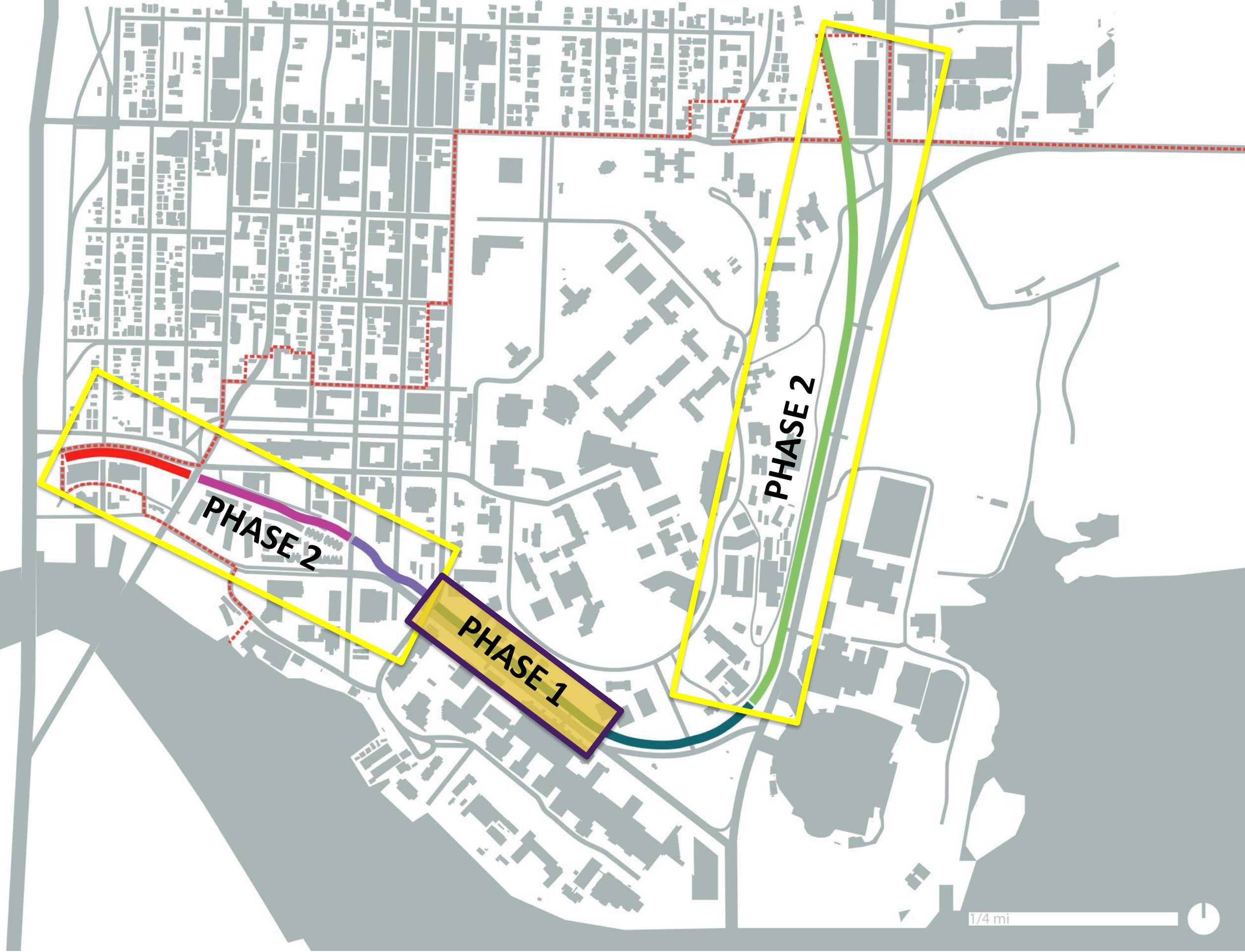
*alignment & mixing zone locations
furnishings & lighting*

**REACHES
OF THE BGT**

----- UW Boundary

TRAIL REACHES

- Northlake Reach
- Neighborhood Reach
- Garden Reach
- Campus Reach
- Forest Reach





EMERGENCY PHONE

CONCRETE RETAINING WALL

TIMBER BENCH

STEEL GUARDRAIL

20' HT. TRAIL LIGHT (UW STANDARD)

LITTER/RECYCLING (UW STANDARD)

BICYCLE RACKS (UW STANDARD)

EXCLUSION FENCE



THANK YOU

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University of Washington Seattle | Burke Gilman Trail Corridor Design