

North Link – Northgate Station

30% Design Presentation

Seattle Light Rail Review Panel

November 3, 2011

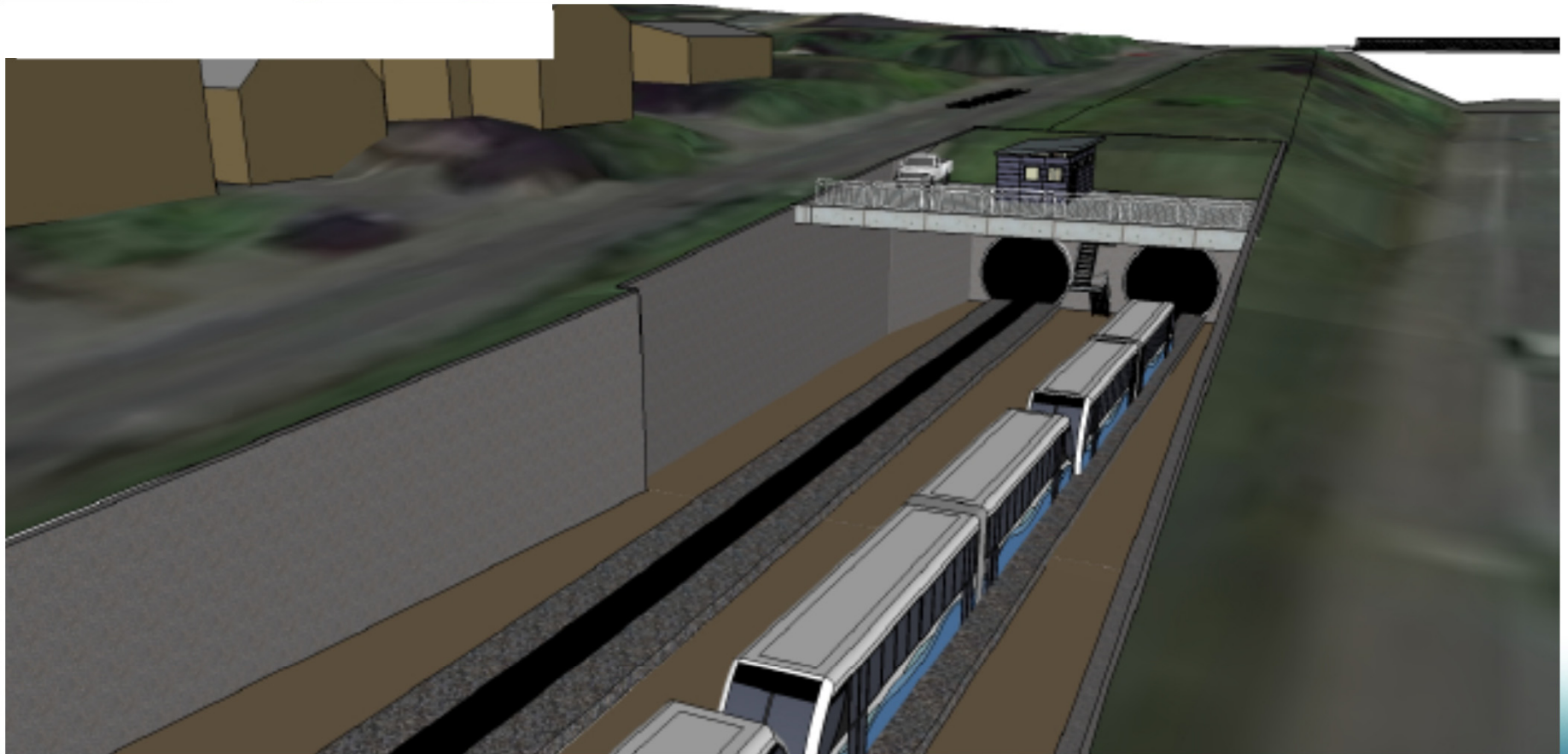


North Link Overview

- 4.3-mile light rail line extension
- Most of route in twin-bored tunnels
- Underground stations in U-District (Brooklyn) and Roosevelt
- New tunnel portal site at NE 94th St
- Elevated station at Northgate
- Adds 62,000 daily boardings (2030)
- Revenue service begins in 2021



New Tunnel Portal Site at NE 94th Street



Tunnel Portal to Elevated Guideway



New Tunnel Portal Site at NE 94th Street

- Tunnels extended 1,900 feet north along I-5 within WSDOT and SDOT right-of-way
- Improved tunneling construction site with net reduction of impacts along 1st Ave NE and I-5

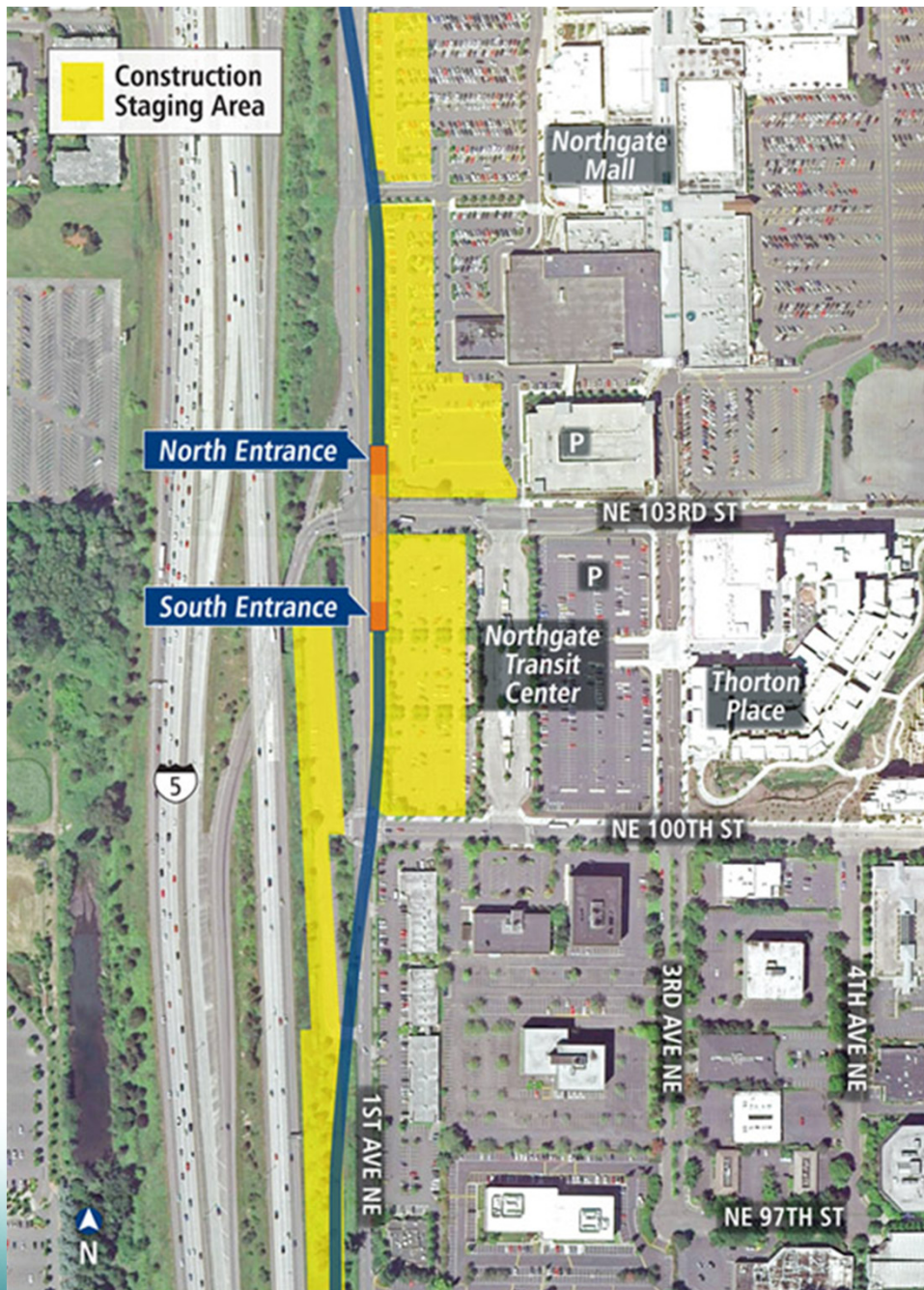




Northgate Station

Key features:

- Elevated station spans NE 103rd
- 25' - 45' high with escalators, elevators and stairs
- North entrance connects Mall
- South entrance connects to buses and park-and-ride lots
- Bicycle parking
- 15,000 daily boardings (2030)

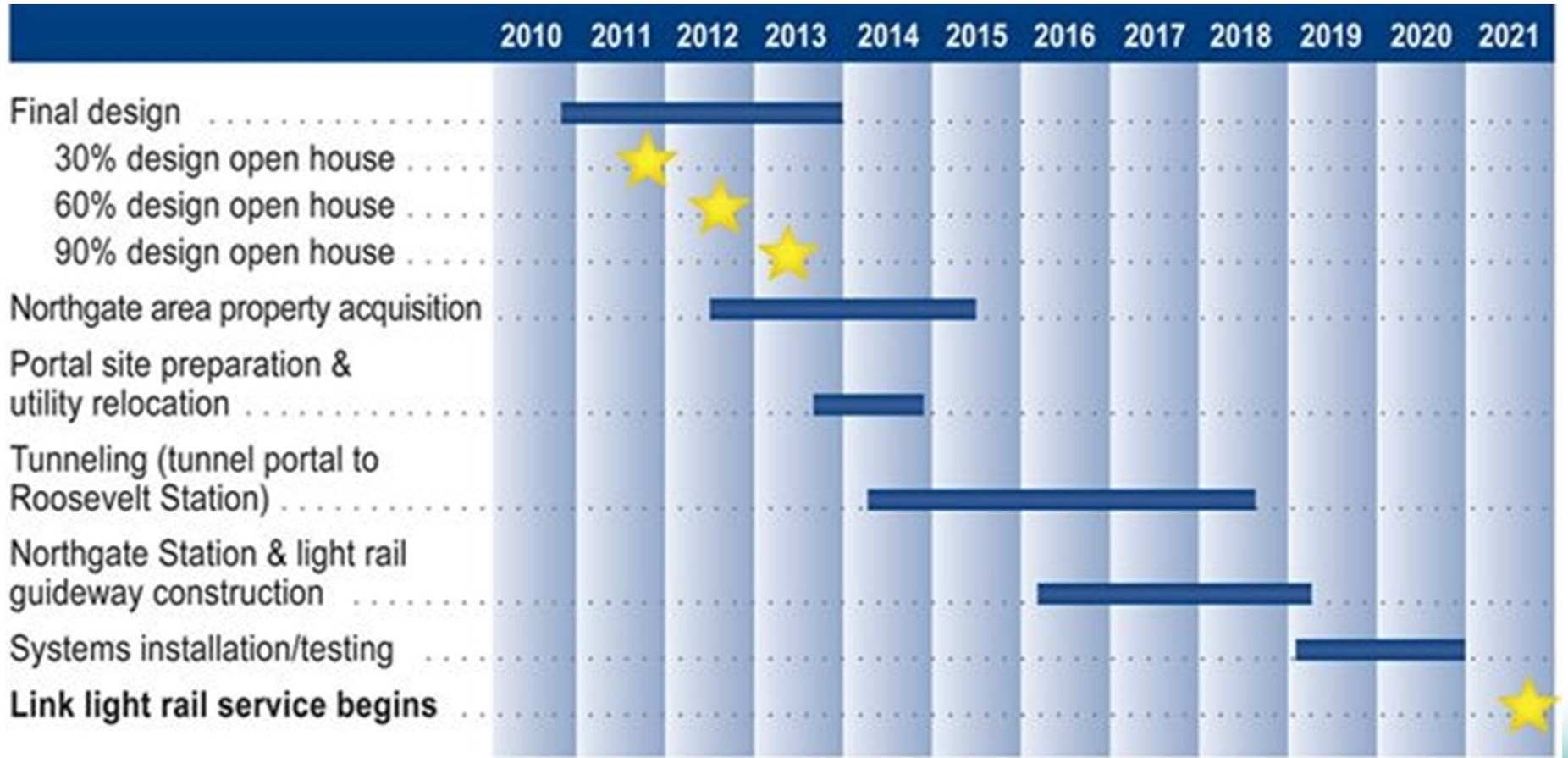


Northgate Station

Current status:

- Team from ST, KCM and City working to address:
 - rail, bus integration
 - replacement parking
 - ped/bike connections
 - TOD coordination
- 30% station design complete
- Nov. 9th public open house

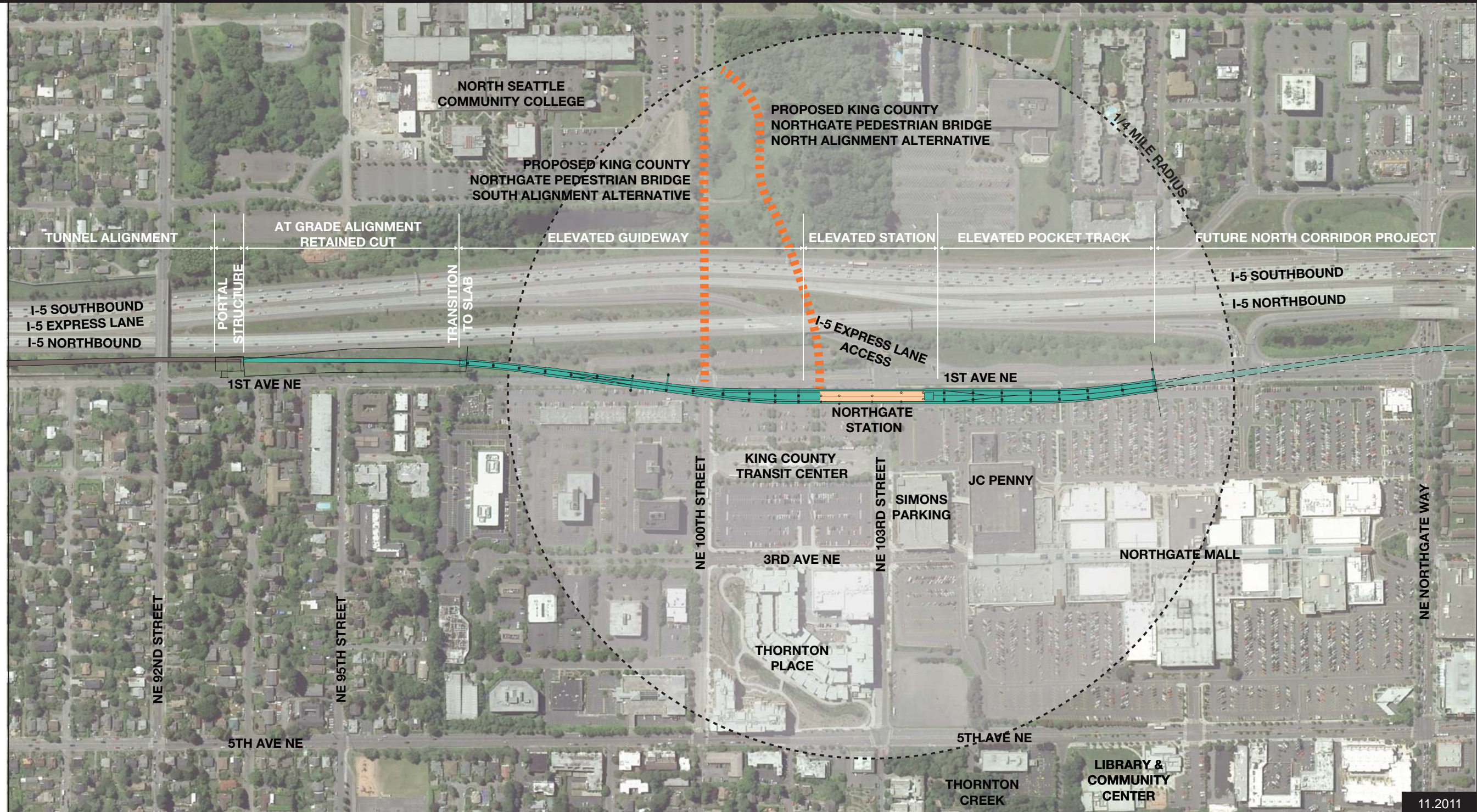
Northgate Station Schedule



NORTHGATE STATION

NEIGHBORHOOD CONTEXT PLAN

NORTH LINK



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NORTHGATE STATION

PROJECT SITE PLAN

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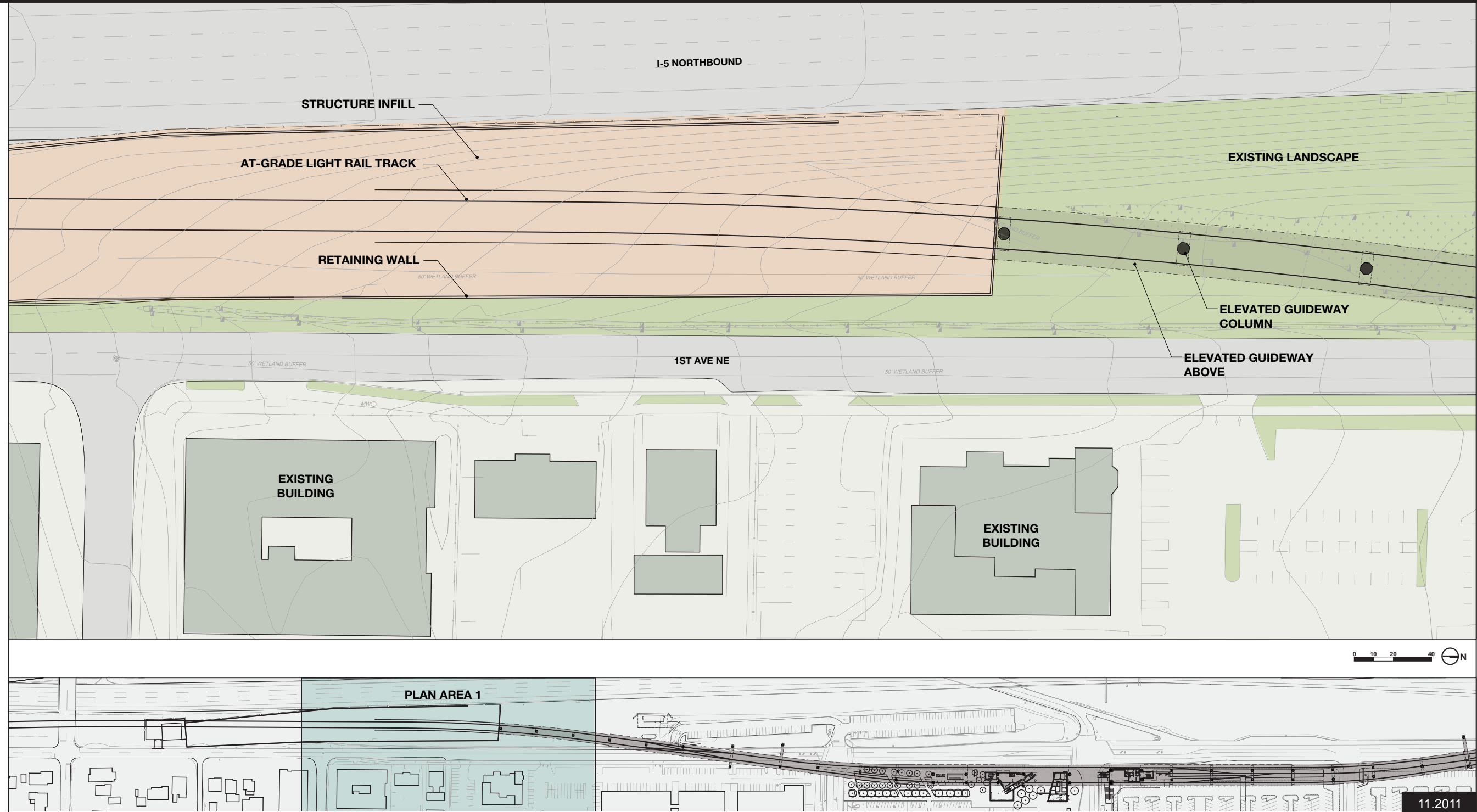
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NORTHGATE STATION

GUIDEWAY PLAN 1

NORTH LINK



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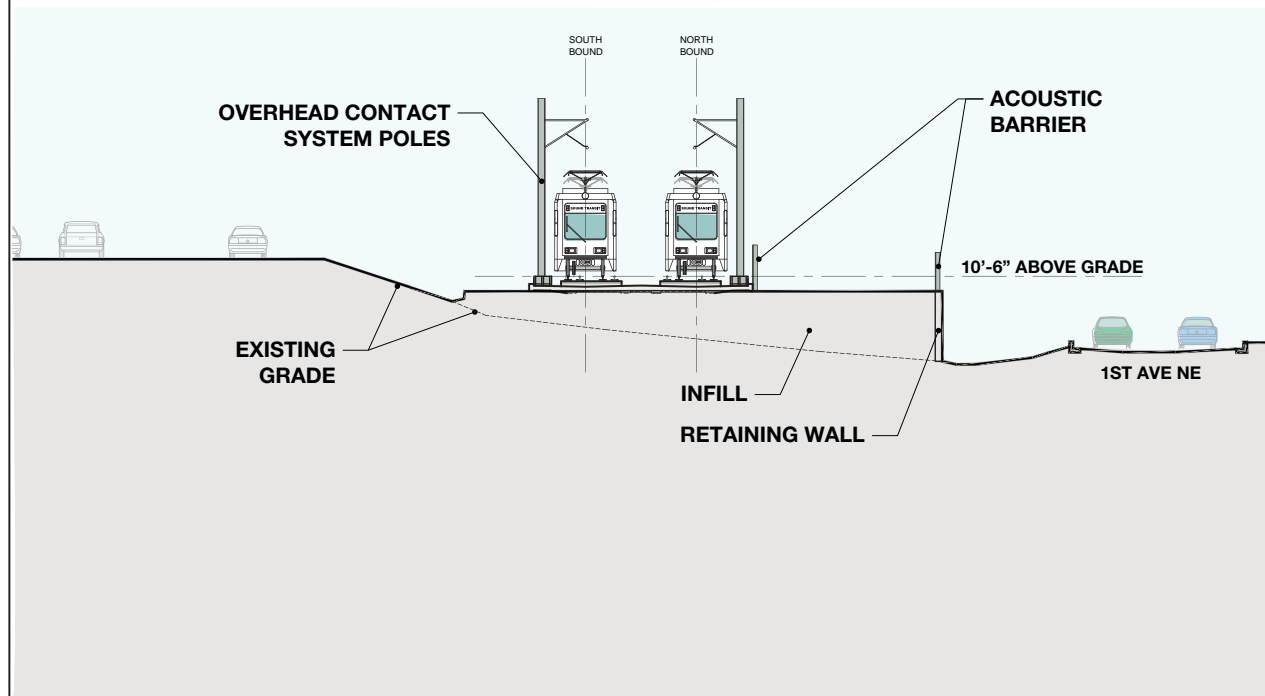
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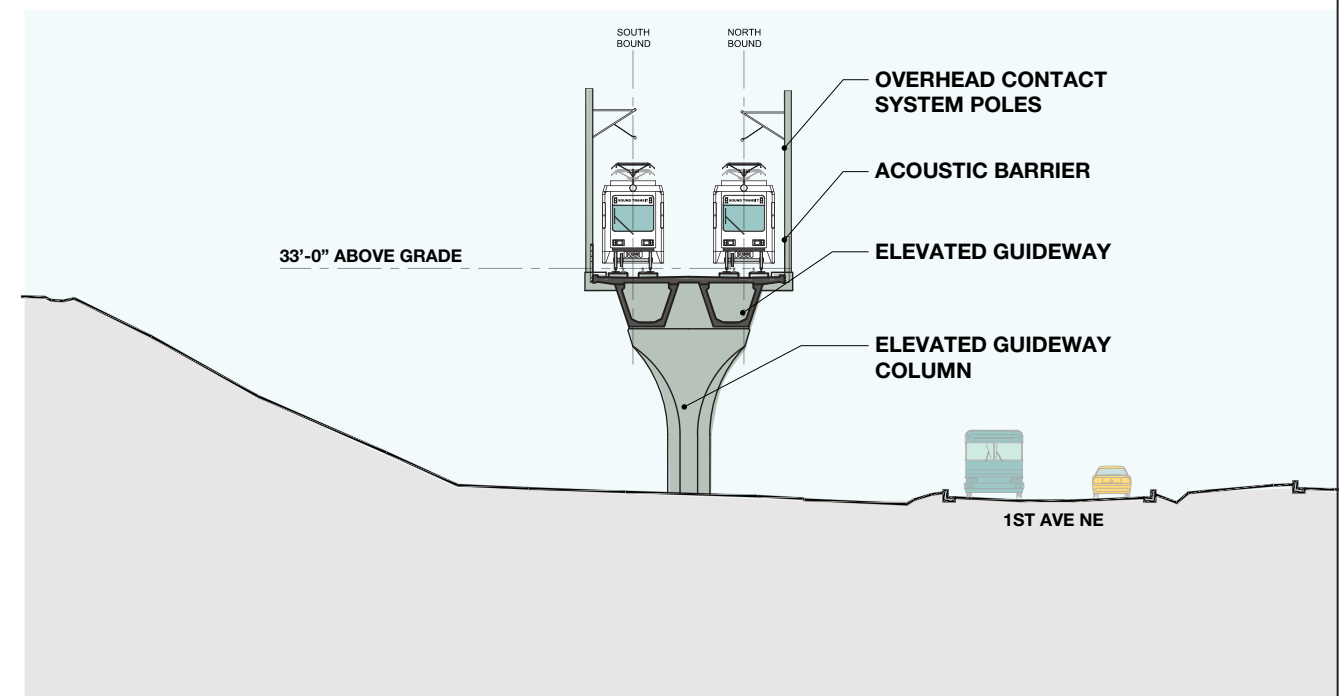
NORTHGATE STATION

GUIDEWAY SECTIONS 1

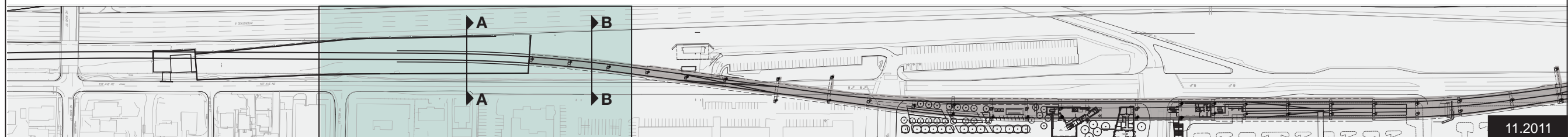
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Guideway Cross Section AA



Guideway Cross Section BB



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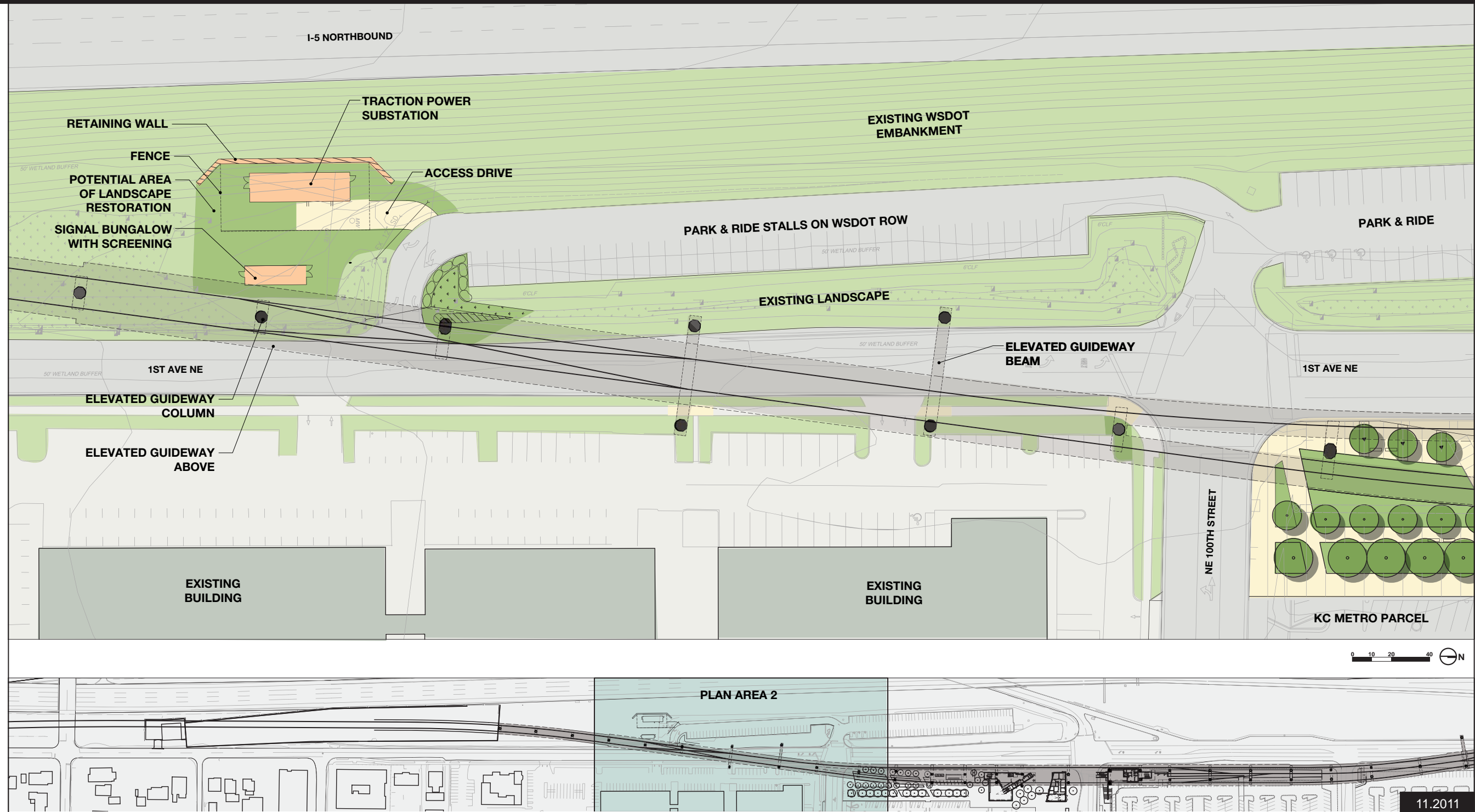
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SOUNDTRANSIT

NORTHGATE STATION

GUIDEWAY PLAN 2

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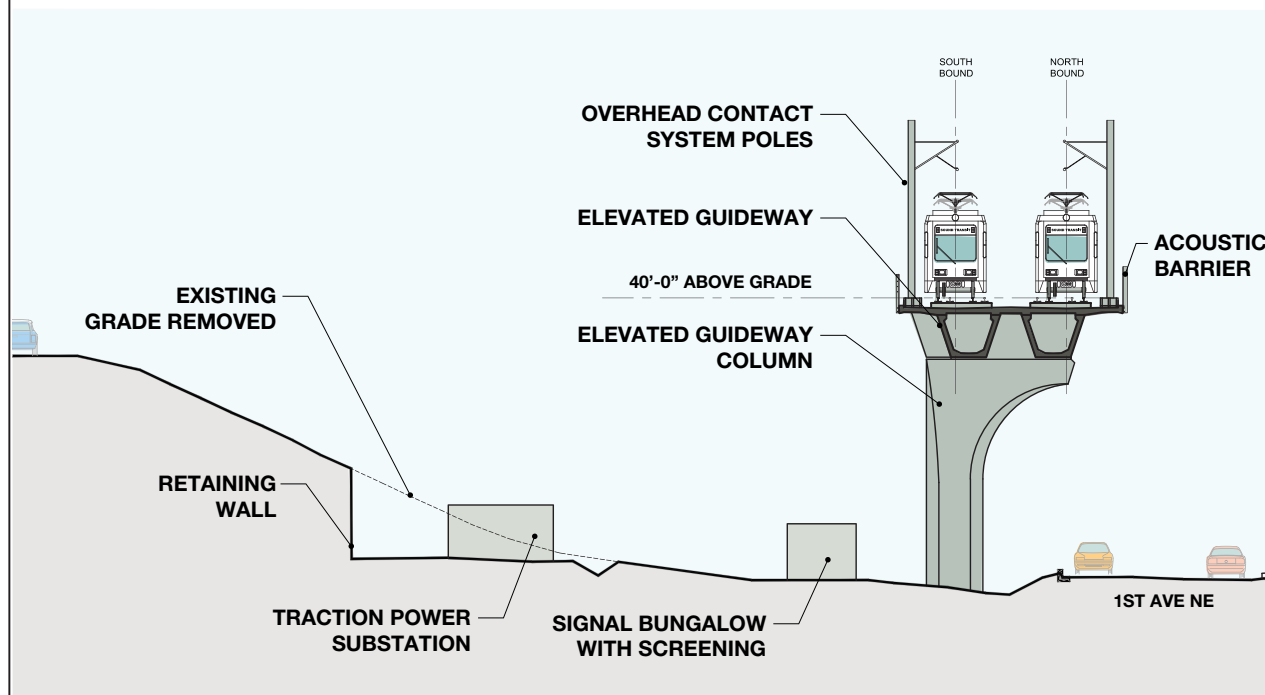
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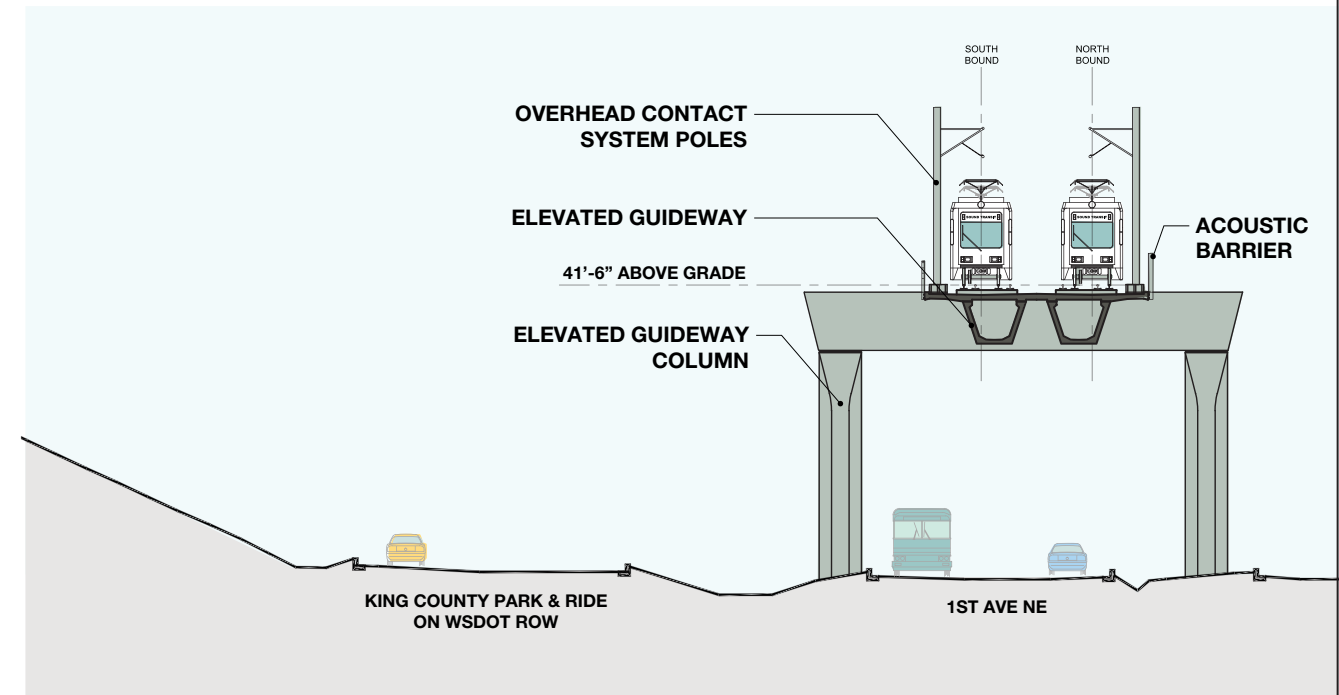
NORTHGATE STATION

GUIDEWAY SECTIONS 2

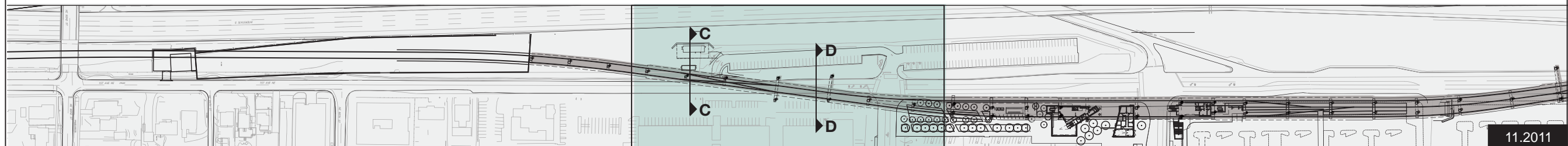
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Guideway Cross Section CC



Guideway Cross Section DD



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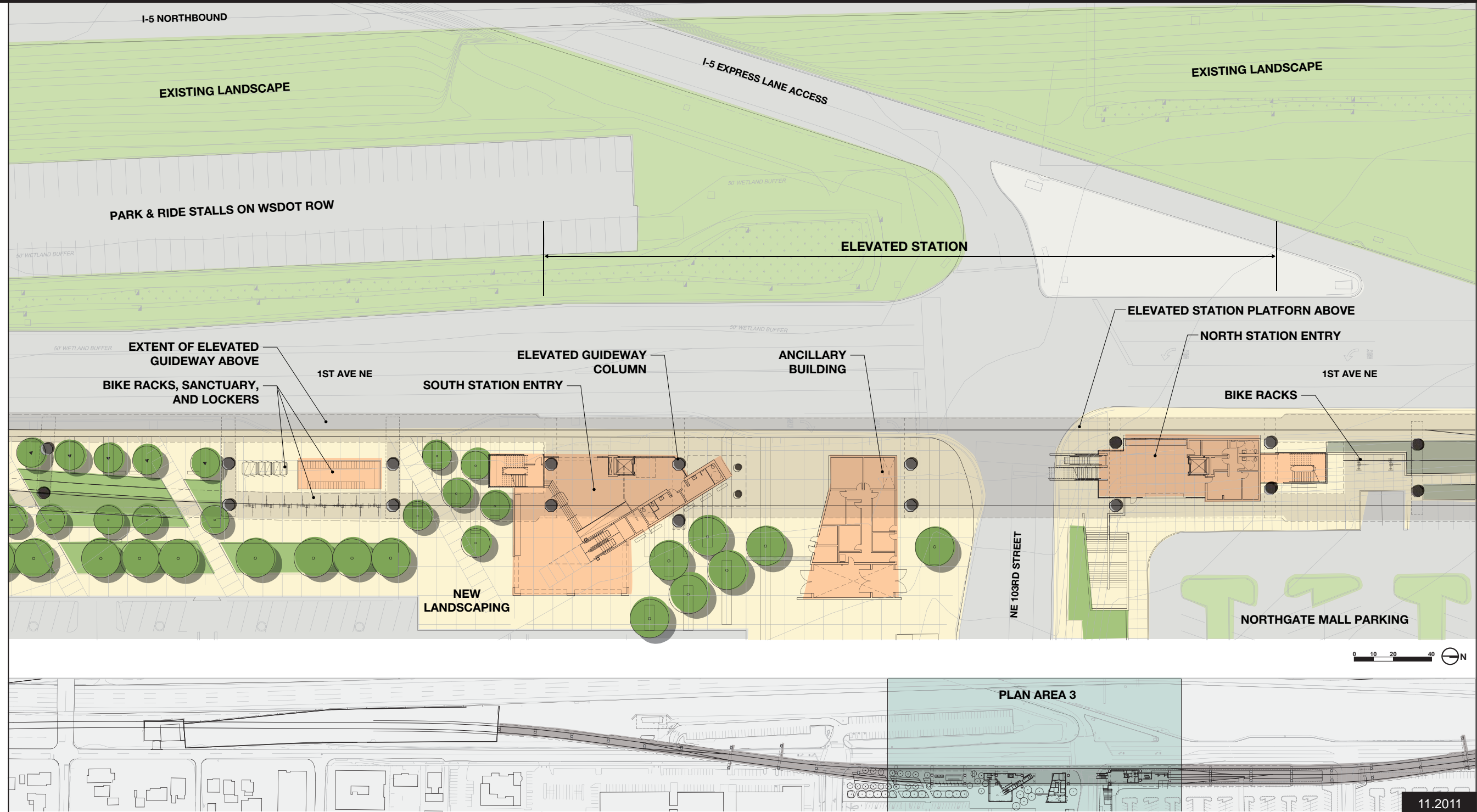
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NORTHGATE STATION

GUIDEWAY PLAN 3

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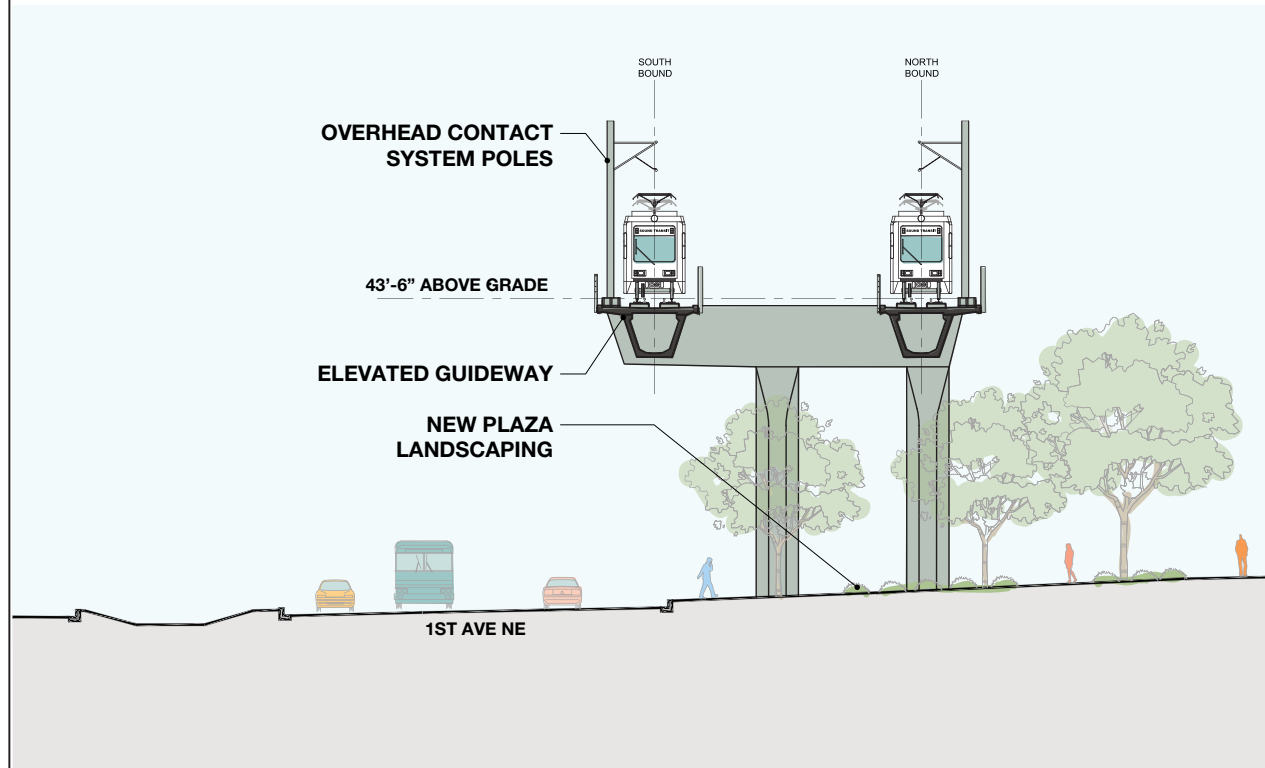
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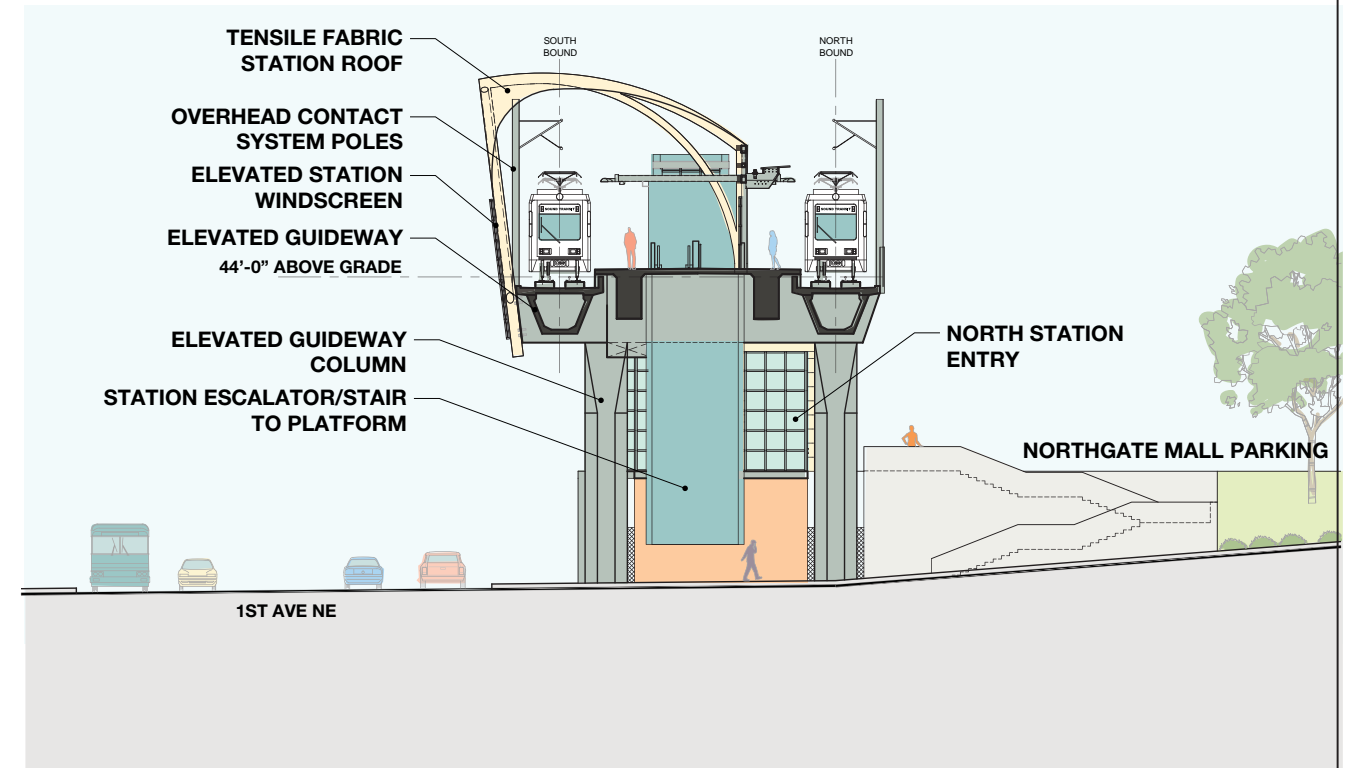
NORTHGATE STATION

GUIDEWAY SECTIONS 3

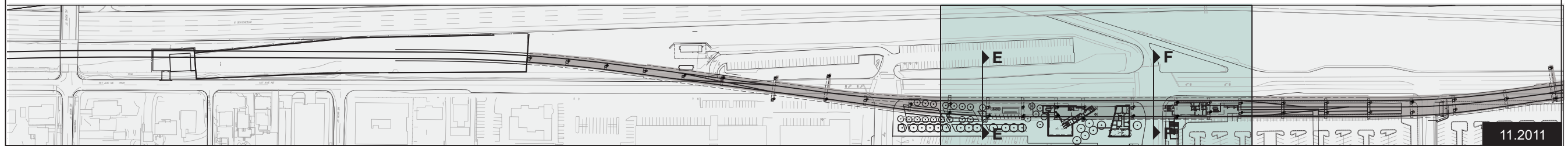
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Guideway Cross Section EE



Guideway Cross Section FF



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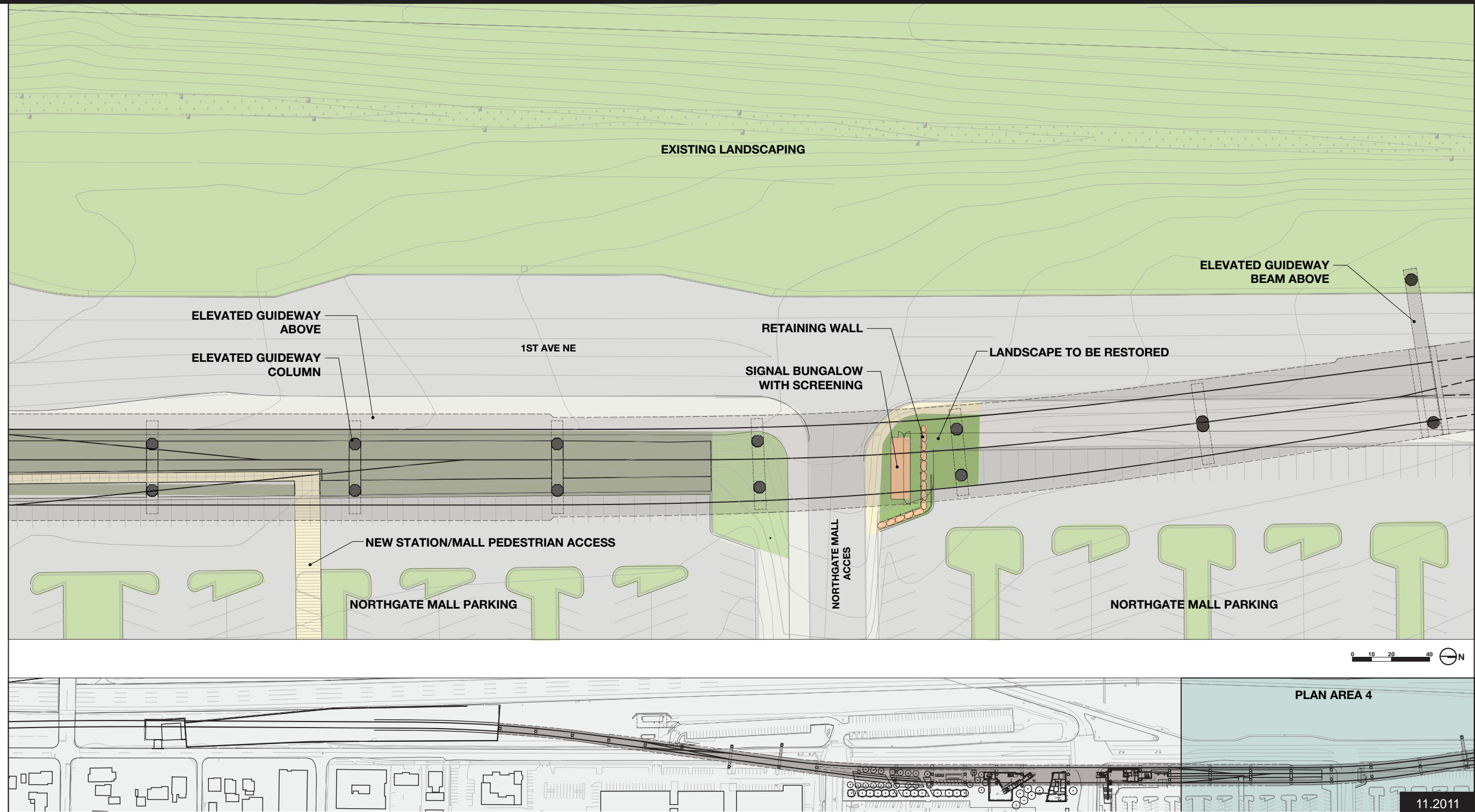
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NORTHGATE STATION

GUIDEWAY PLAN 4

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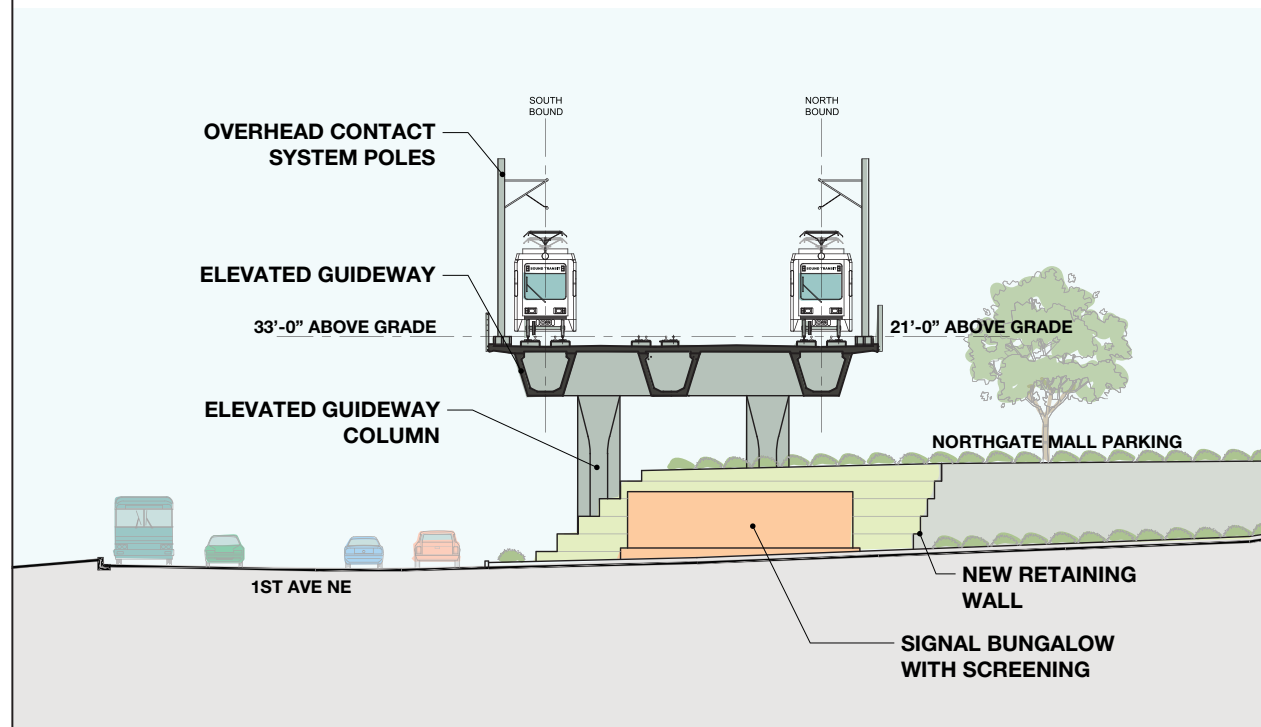
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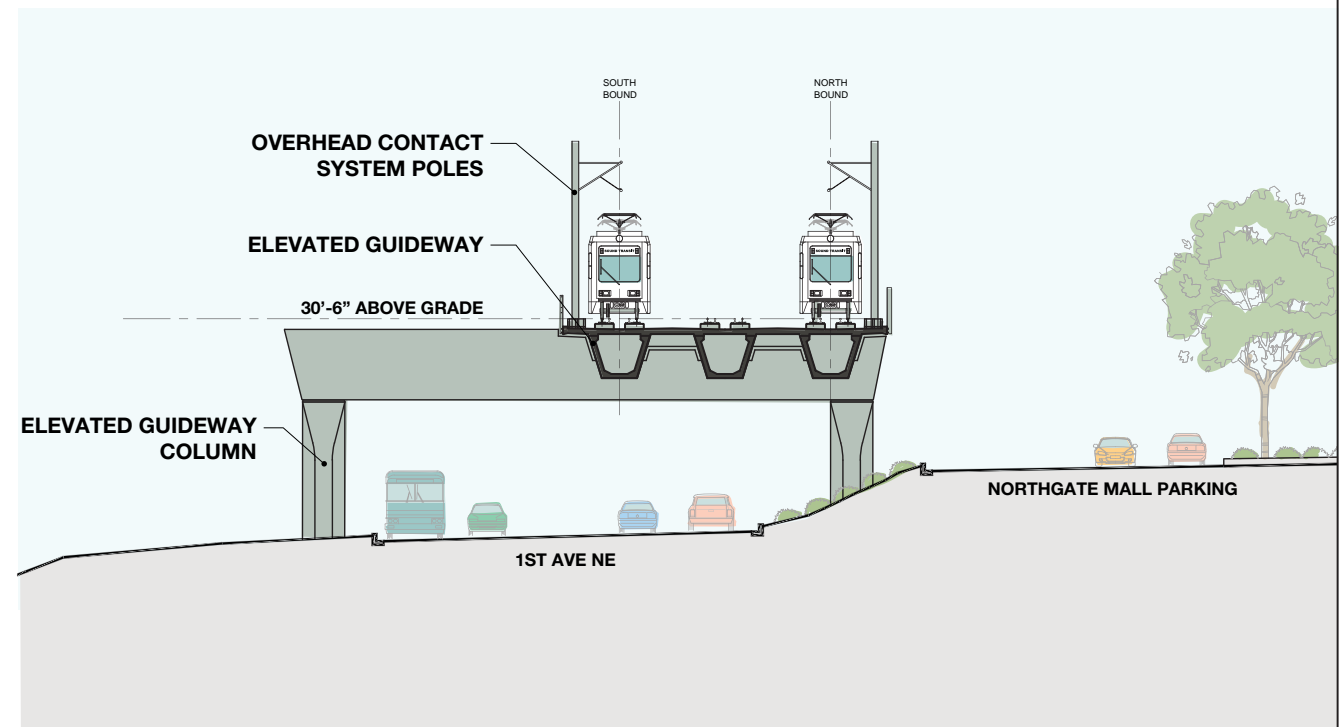
NORTHGATE STATION

GUIDEWAY SECTIONS 4

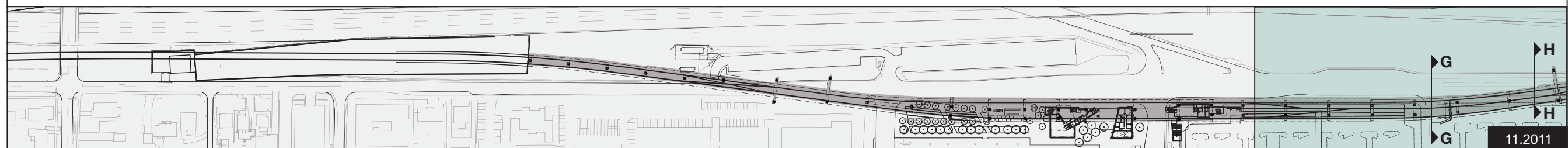
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Guideway Cross Section GG



Guideway Cross Section HH



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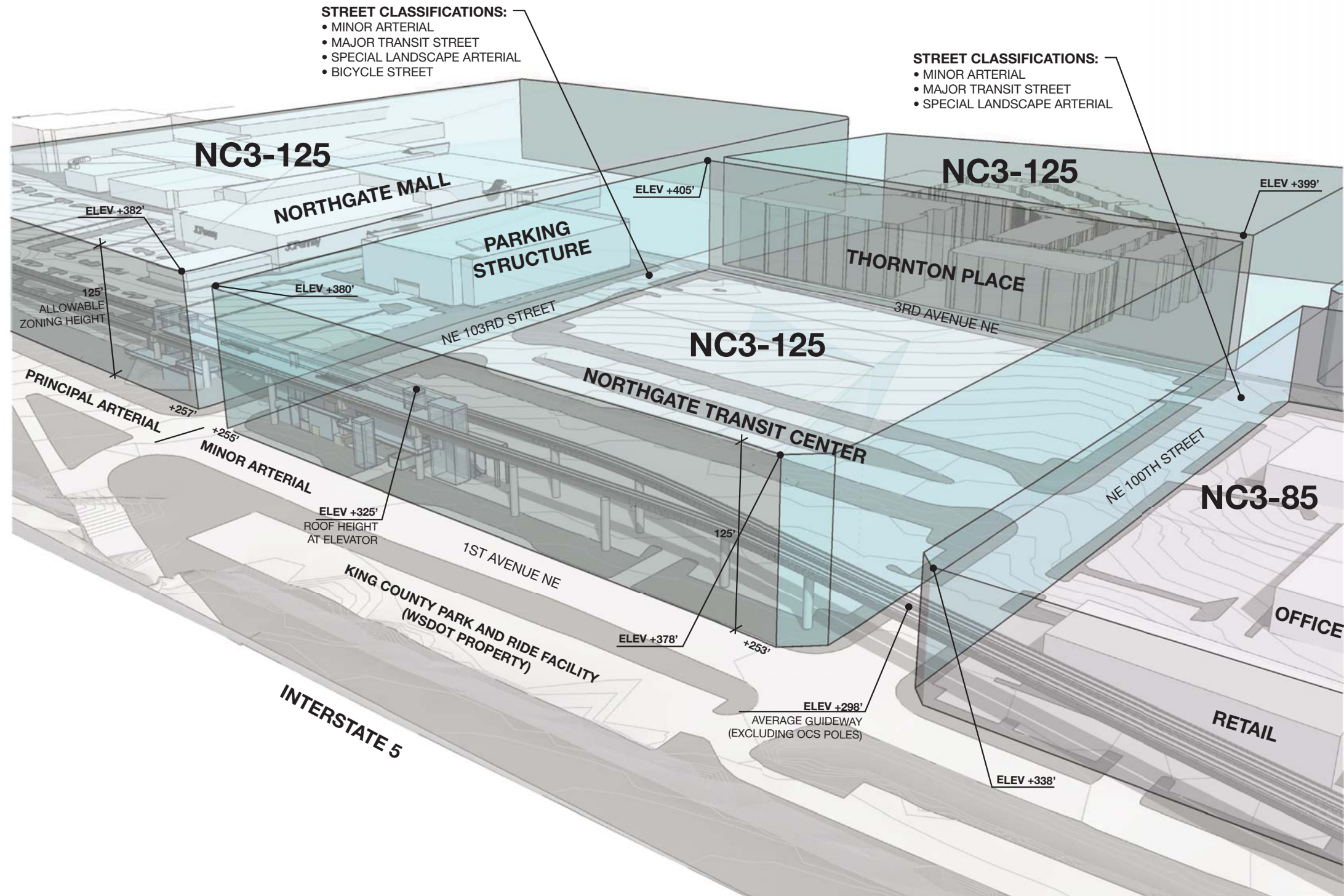
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NORTHGATE STATION

ZONING DIAGRAM

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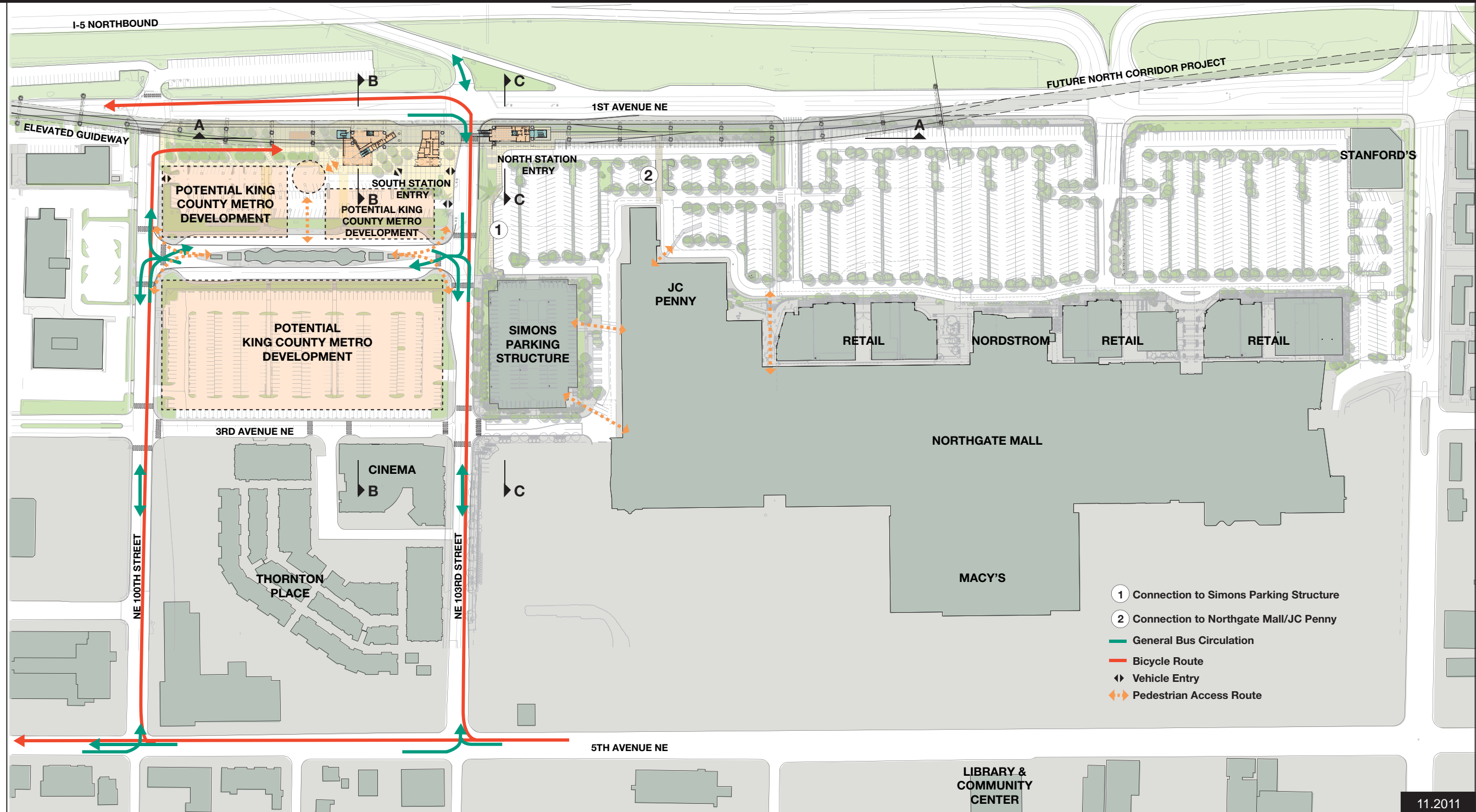
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NORTHGATE STATION

PROJECT CONNECTIONS PLAN

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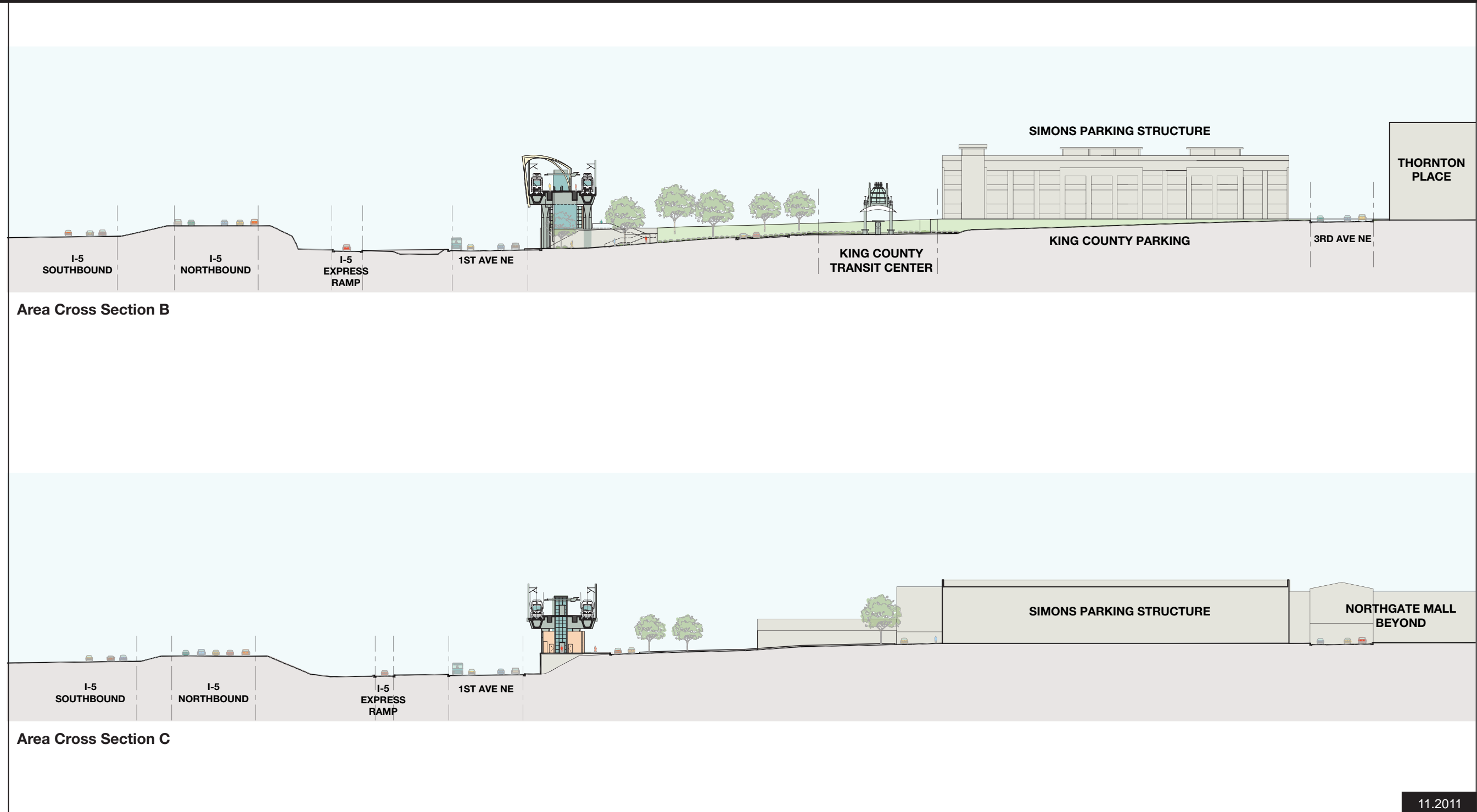
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NORTHGATE STATION

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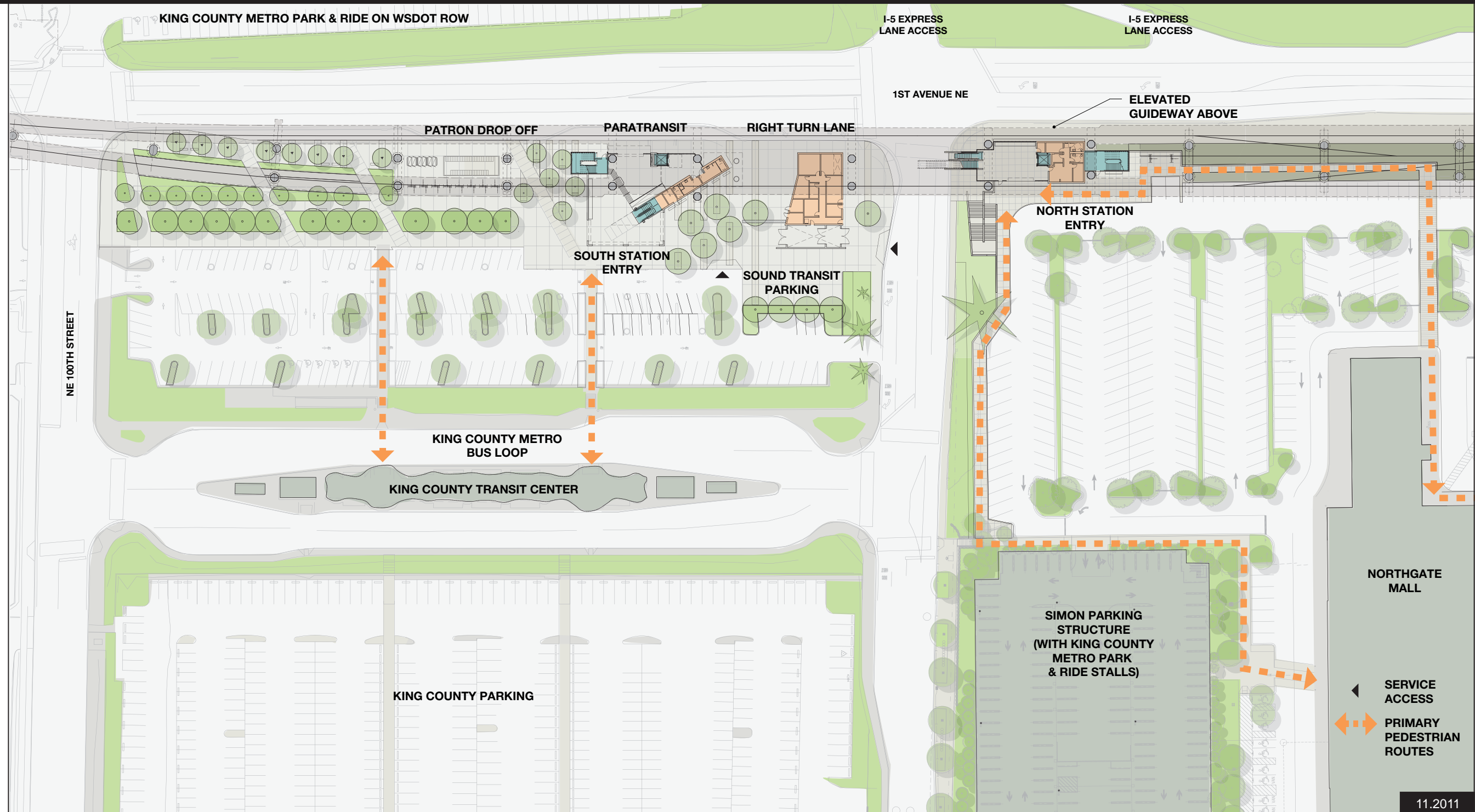
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NORTHGATE STATION

STATION AREA CONNECTIONS PLAN

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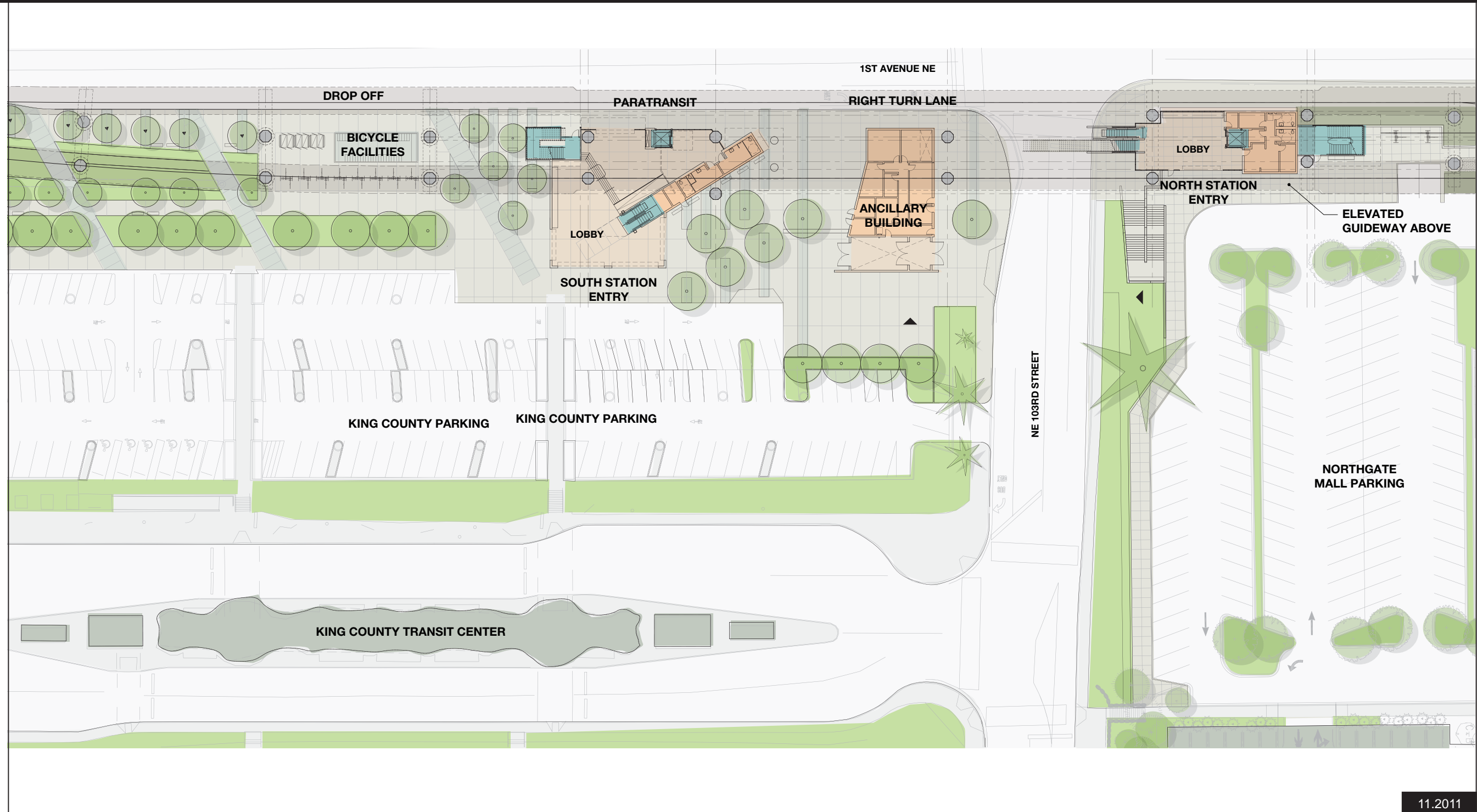
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NORTHGATE STATION

STATION SITE PLAN

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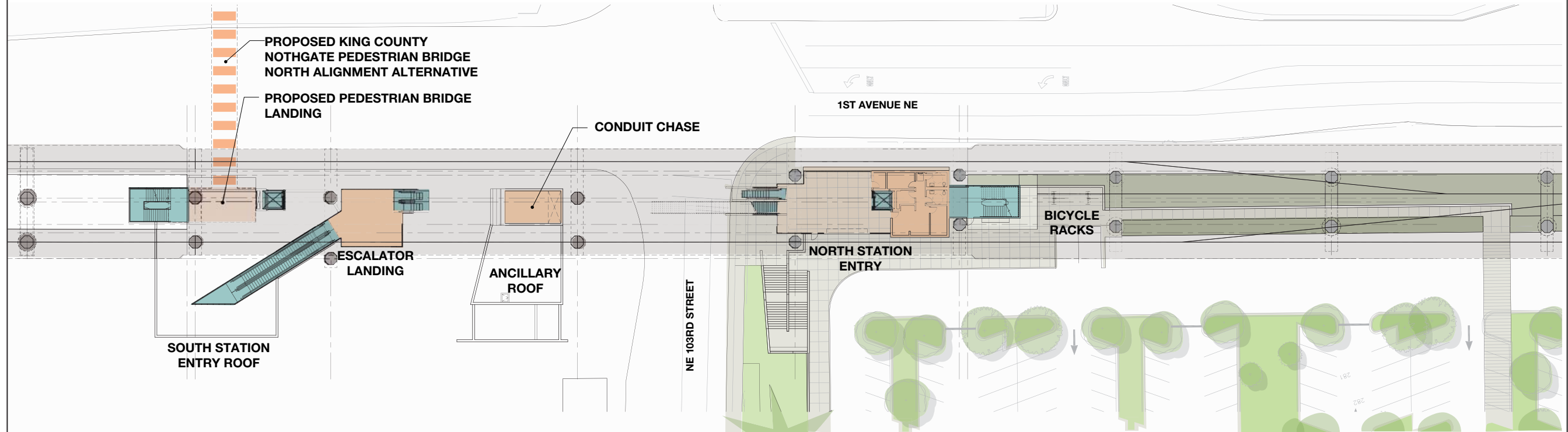
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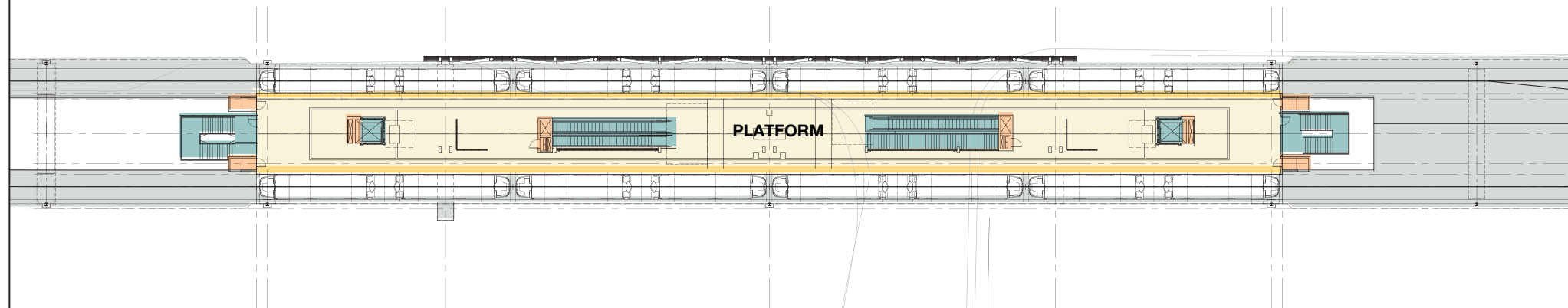
NORTHGATE STATION

STATION PLANS

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Escalator Landing Plan



Platform Plan

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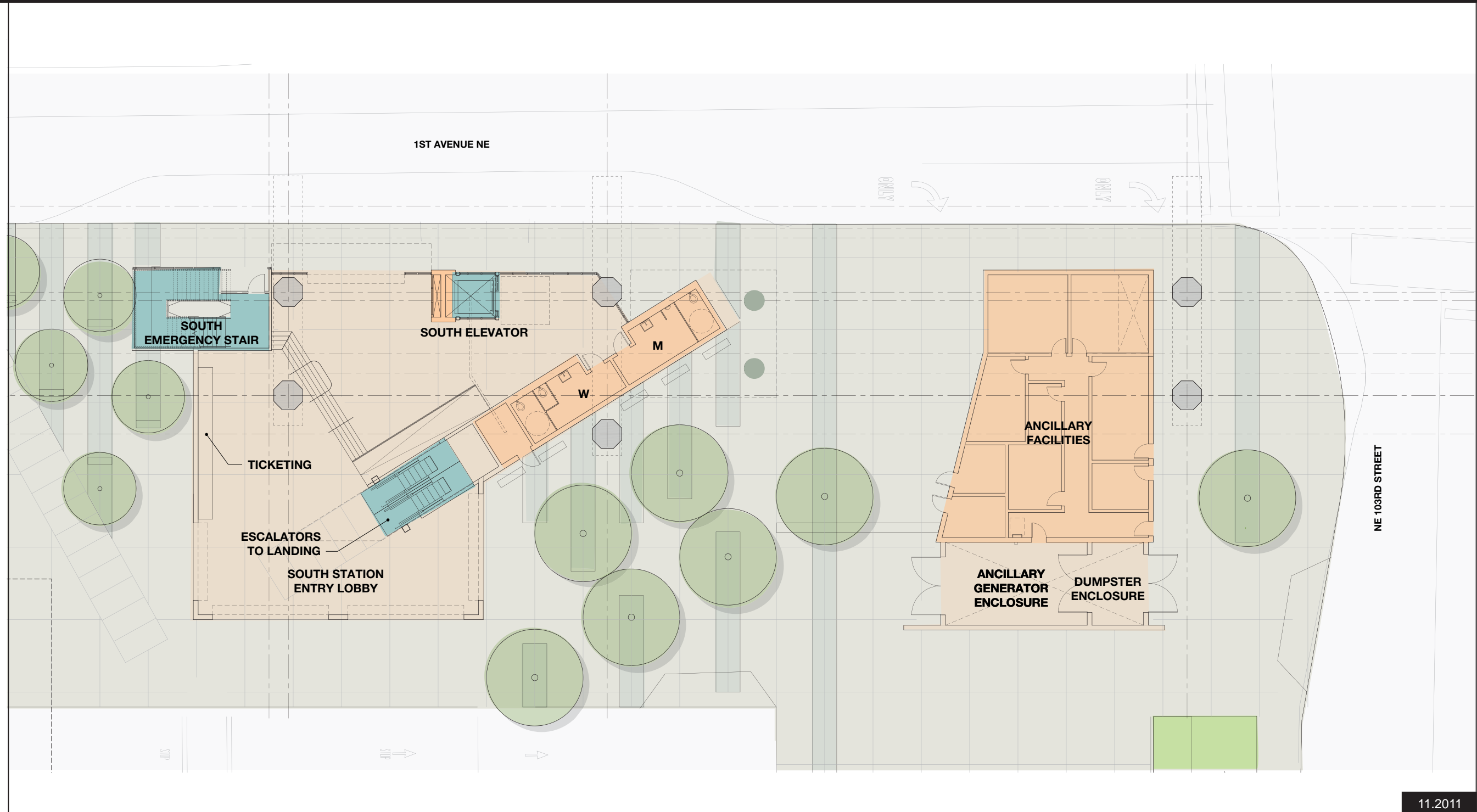
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NORTHGATE STATION

SOUTH STATION ENTRY PLAN

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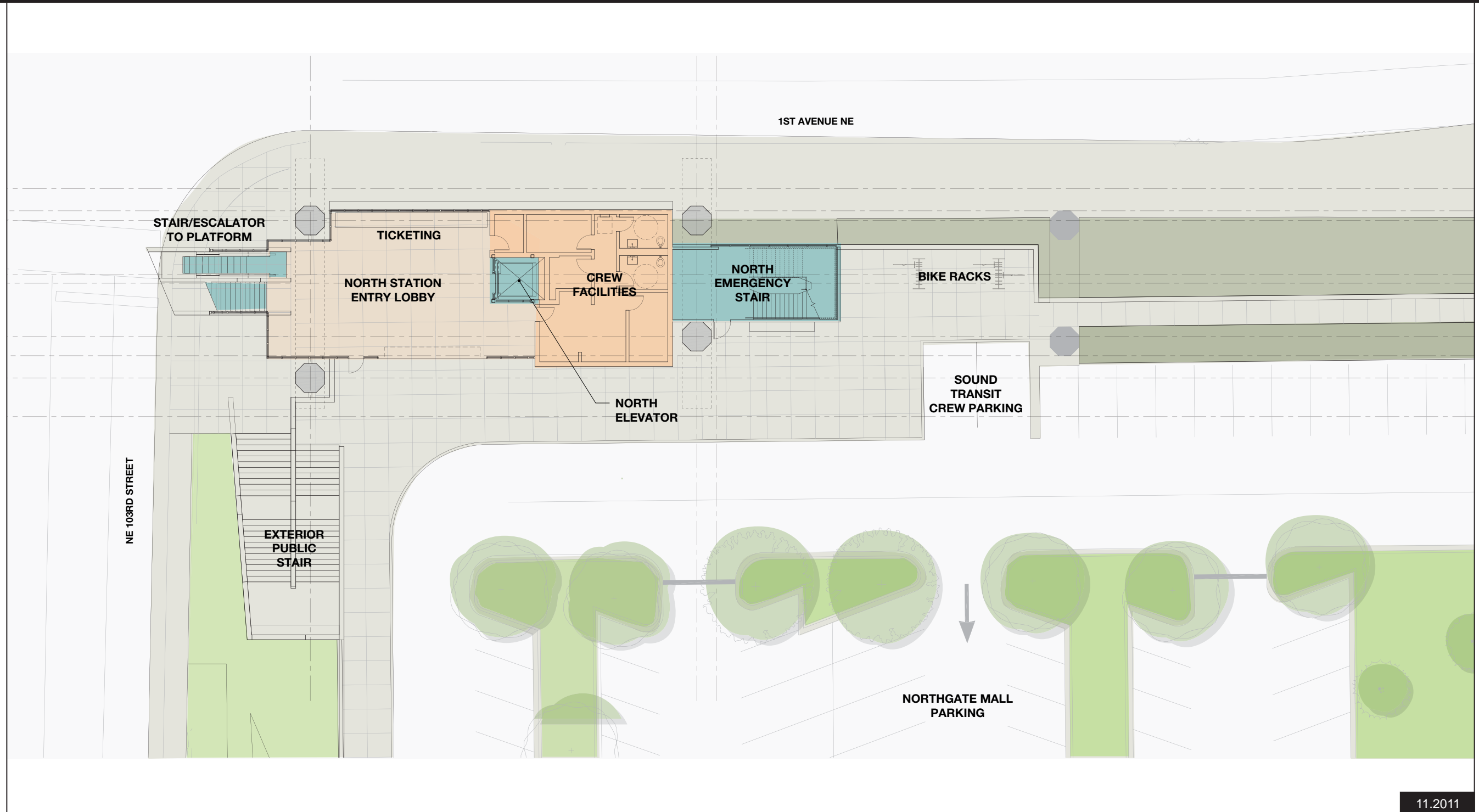
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NORTHGATE STATION

NORTH STATION ENTRY PLAN

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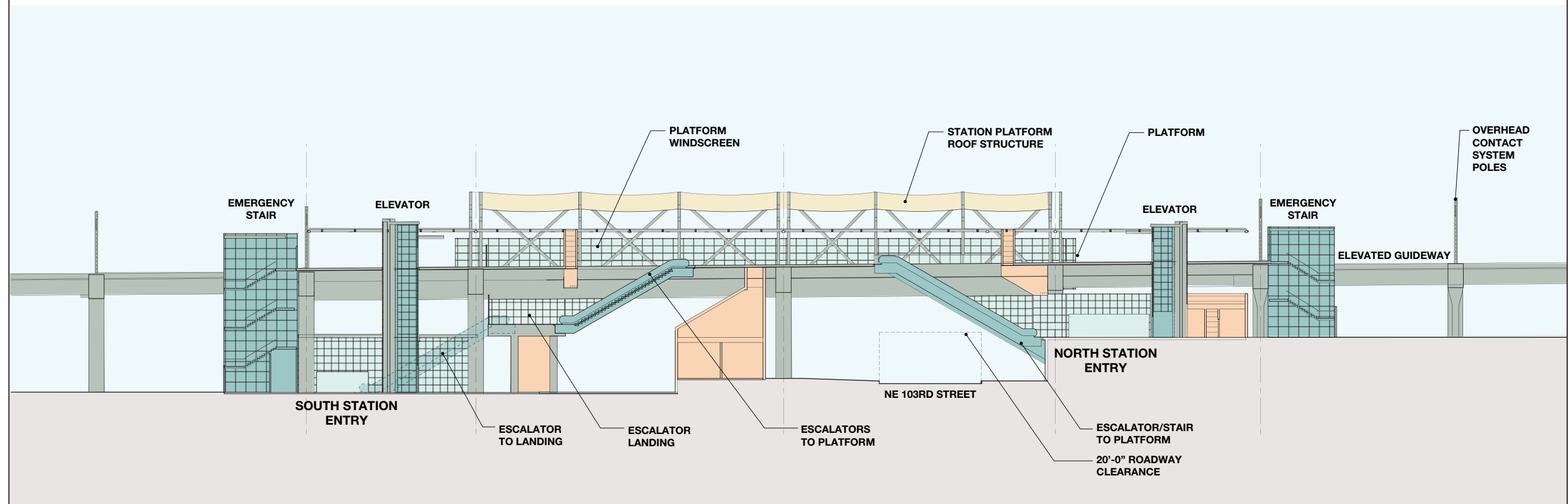
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NORTHGATE STATION

STATION SECTION

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Longitudinal Section A – looking West

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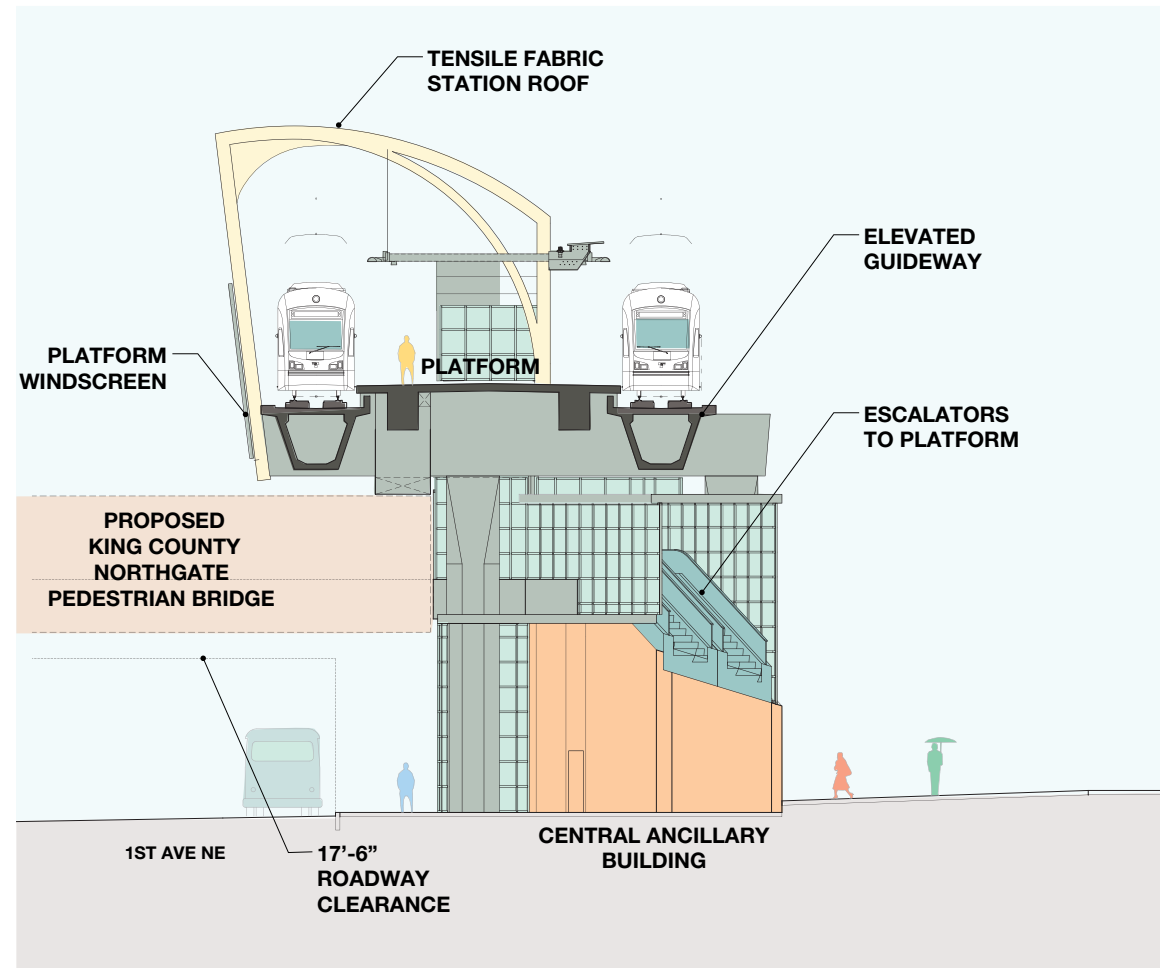
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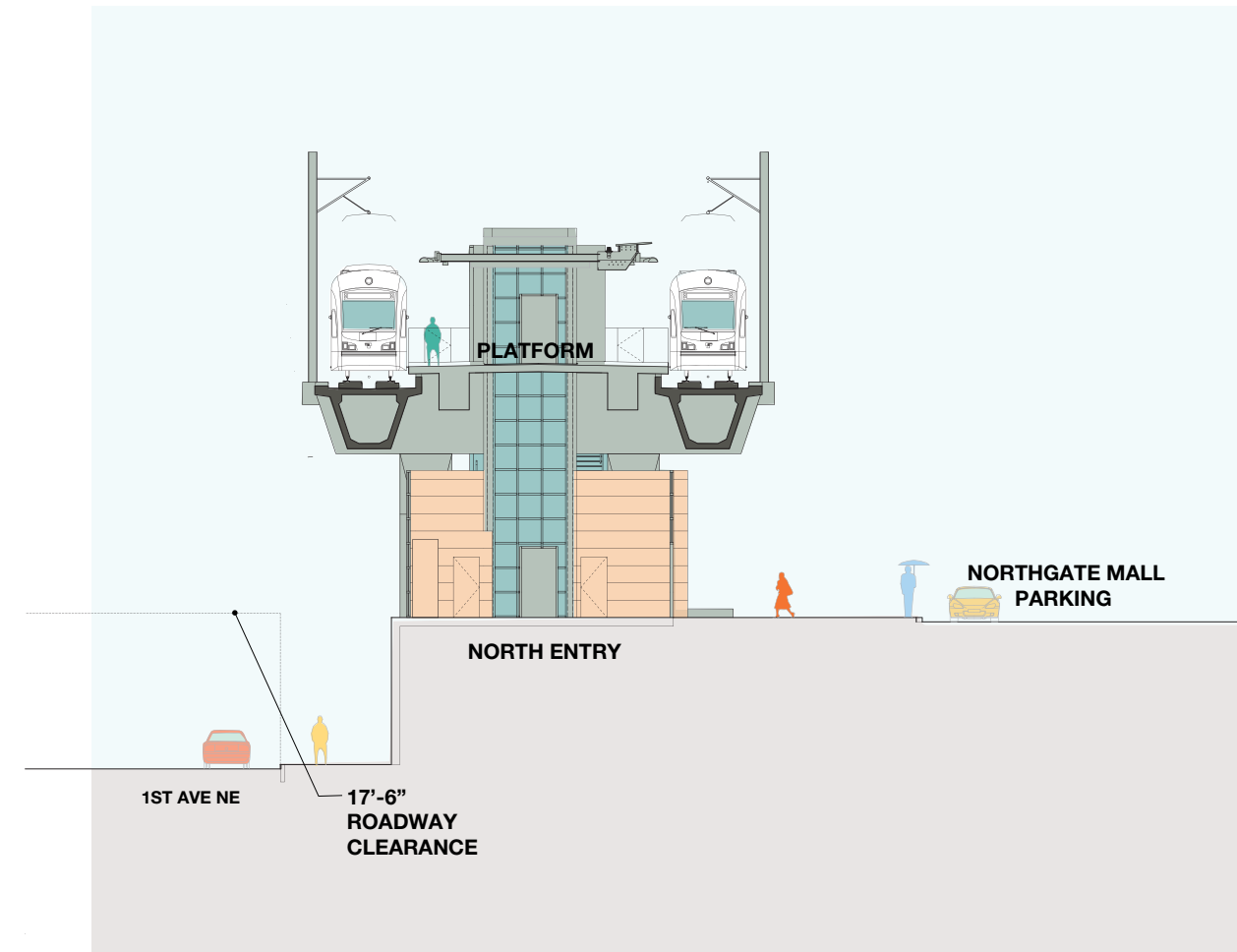
NORTHGATE STATION

STATION SECTIONS

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Cross Section B



Cross Section C

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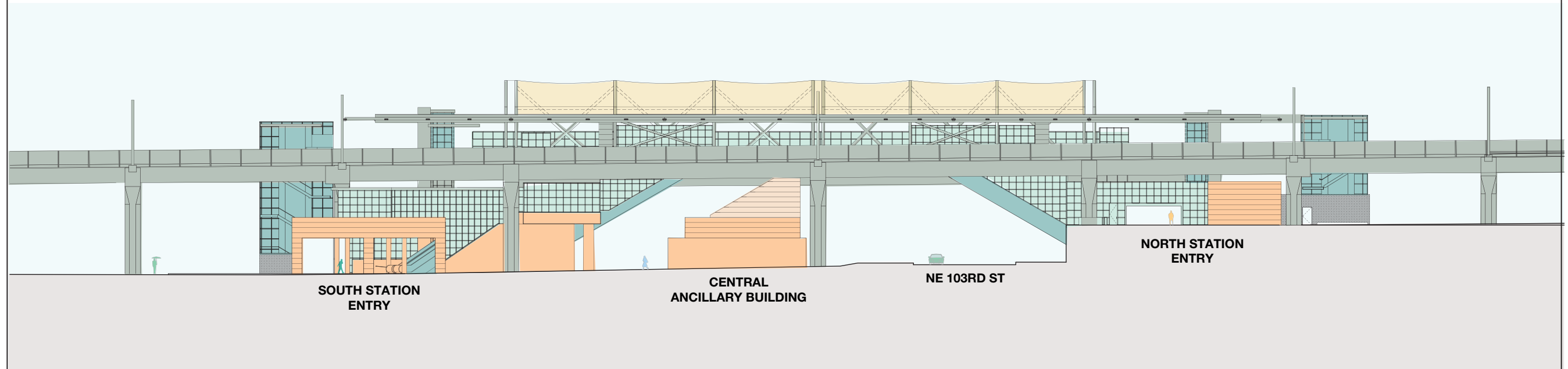
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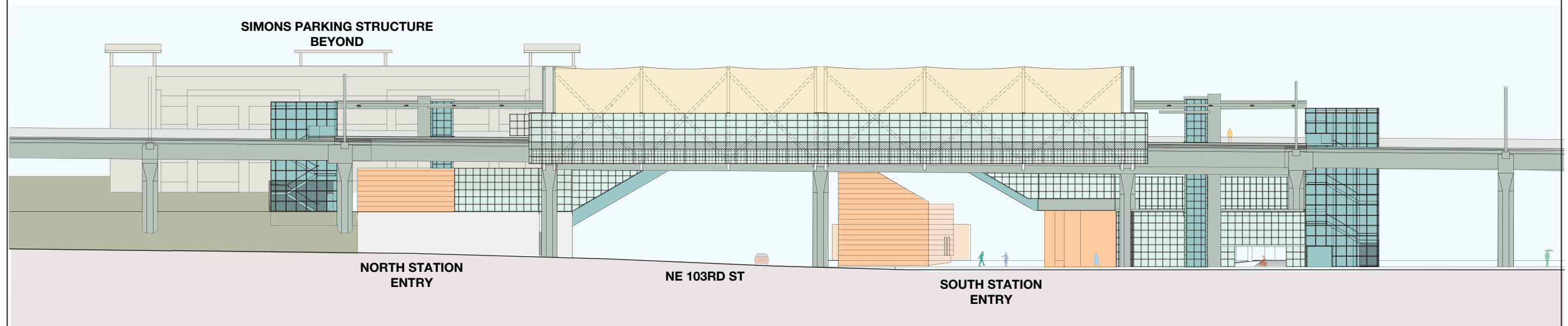
NORTHGATE STATION

STATION ELEVATIONS

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East Elevation



West Elevation

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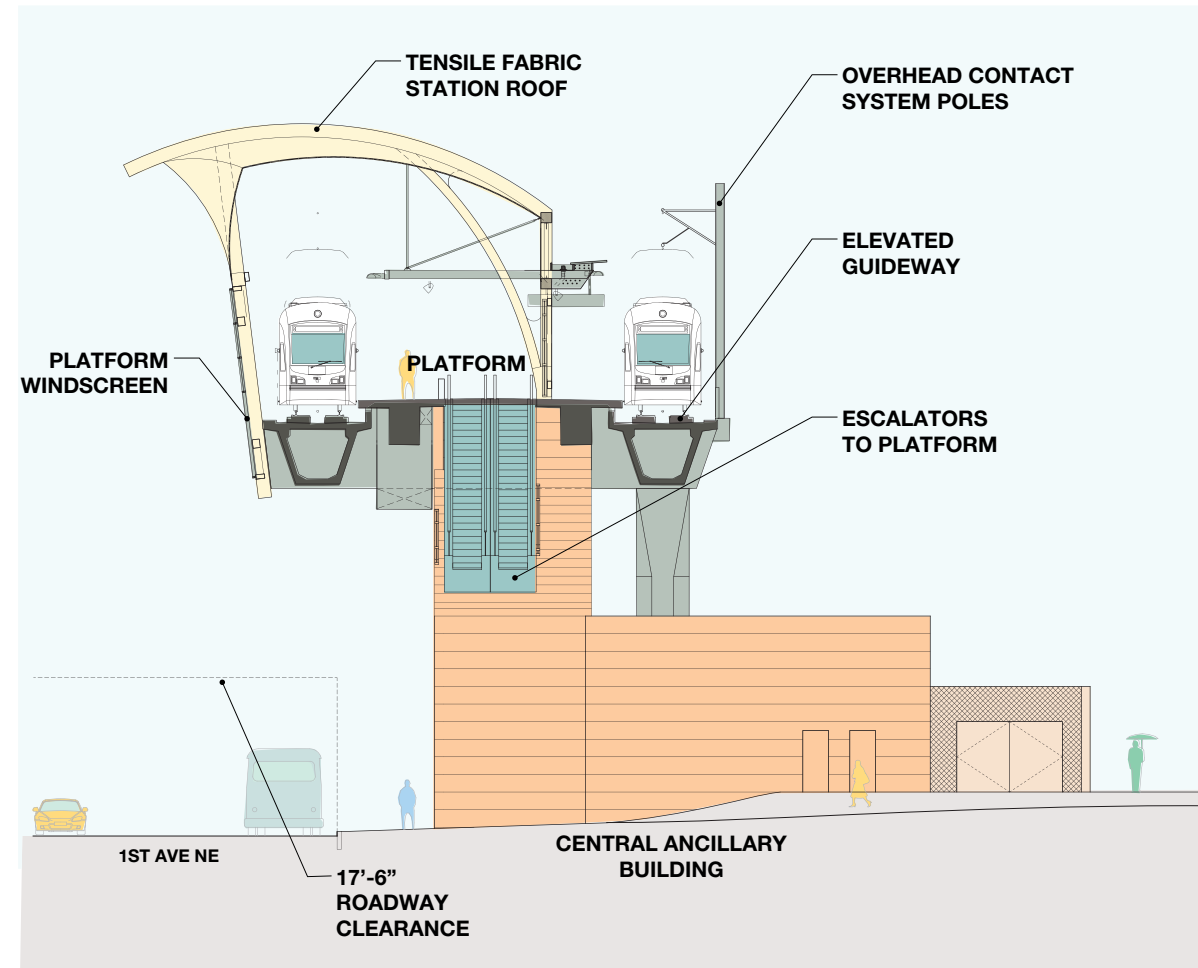
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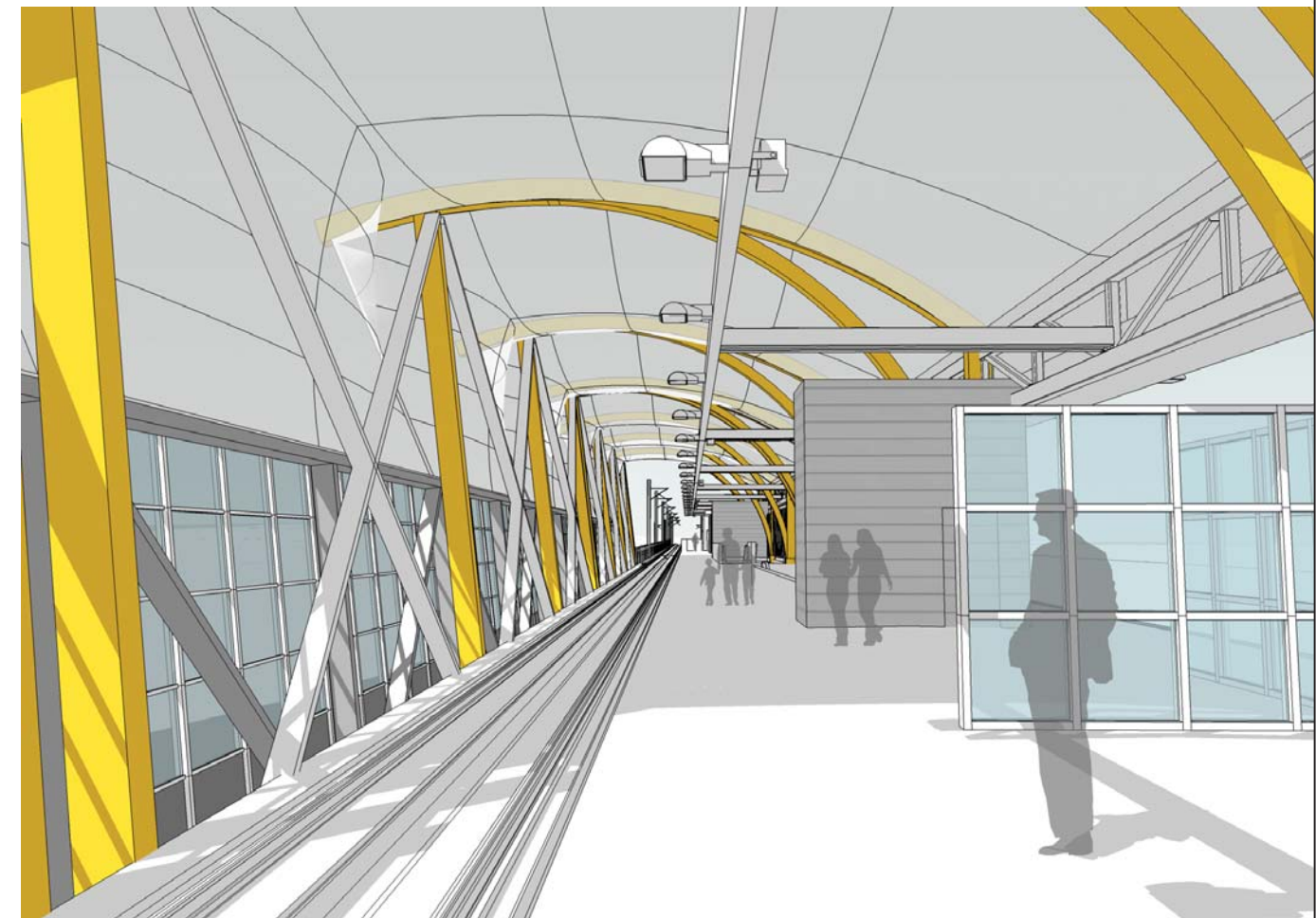
NORTHGATE STATION

ROOF ALTERNATIVE 1

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Cross Section B



Interior Perspective

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NORTHGATE STATION

ROOF ALTERNATIVE 1

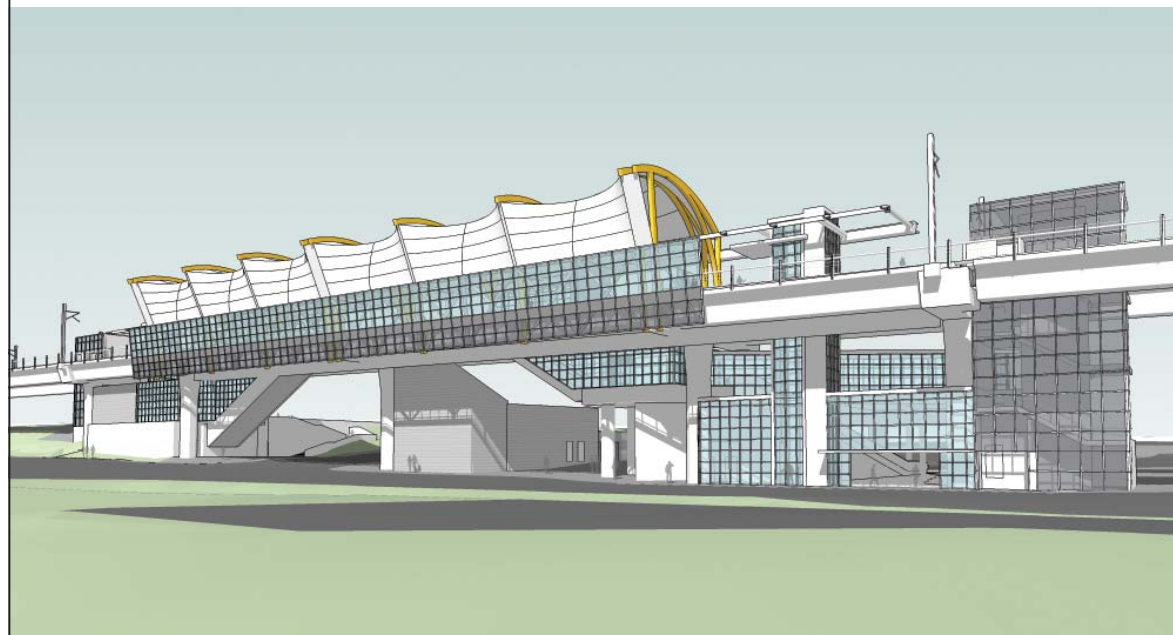
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Perspective View looking SE



Perspective View looking SW



Perspective View looking NE



Perspective View looking NW

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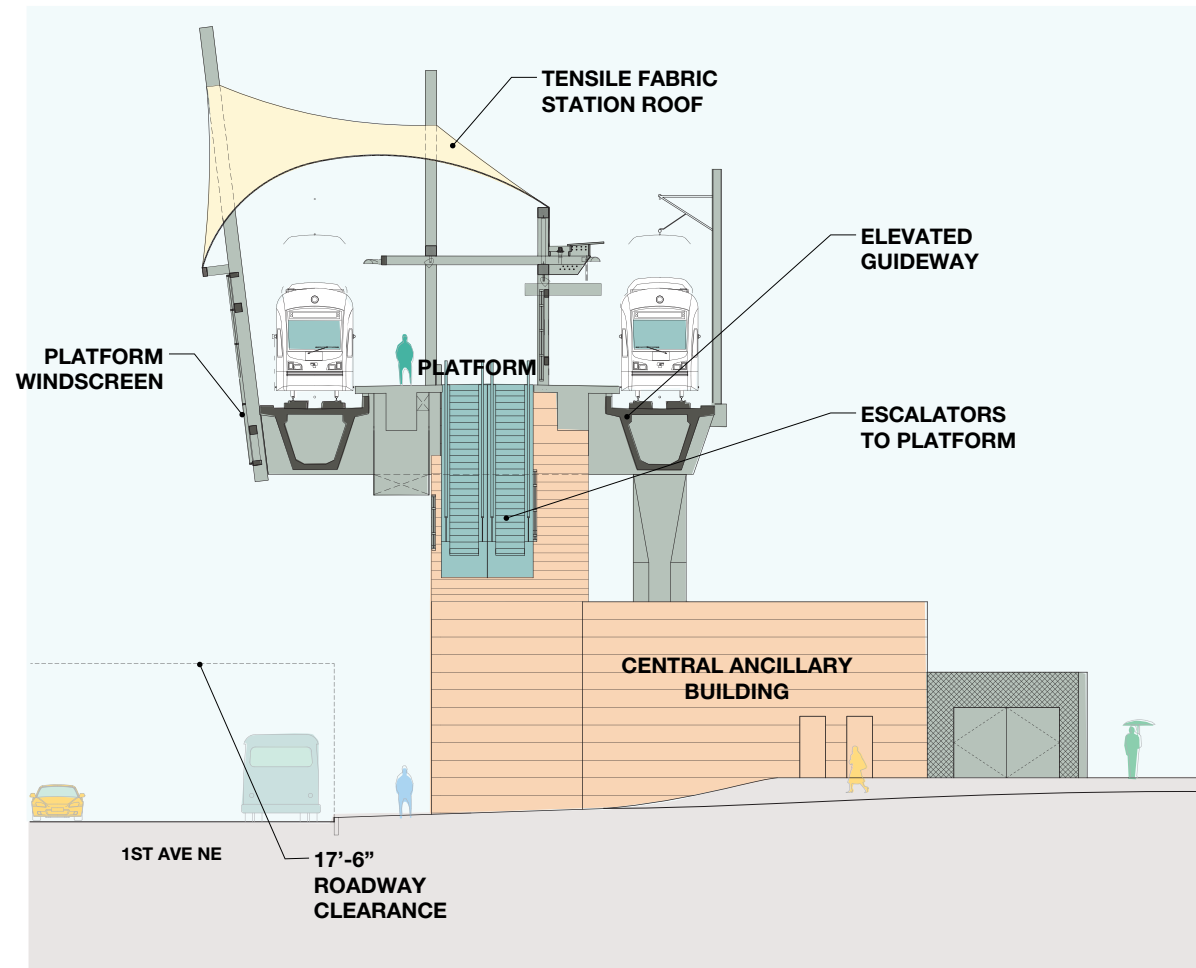
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CENTRAL PUGET SOUND REGIONAL TRANSIT AUTHORITY

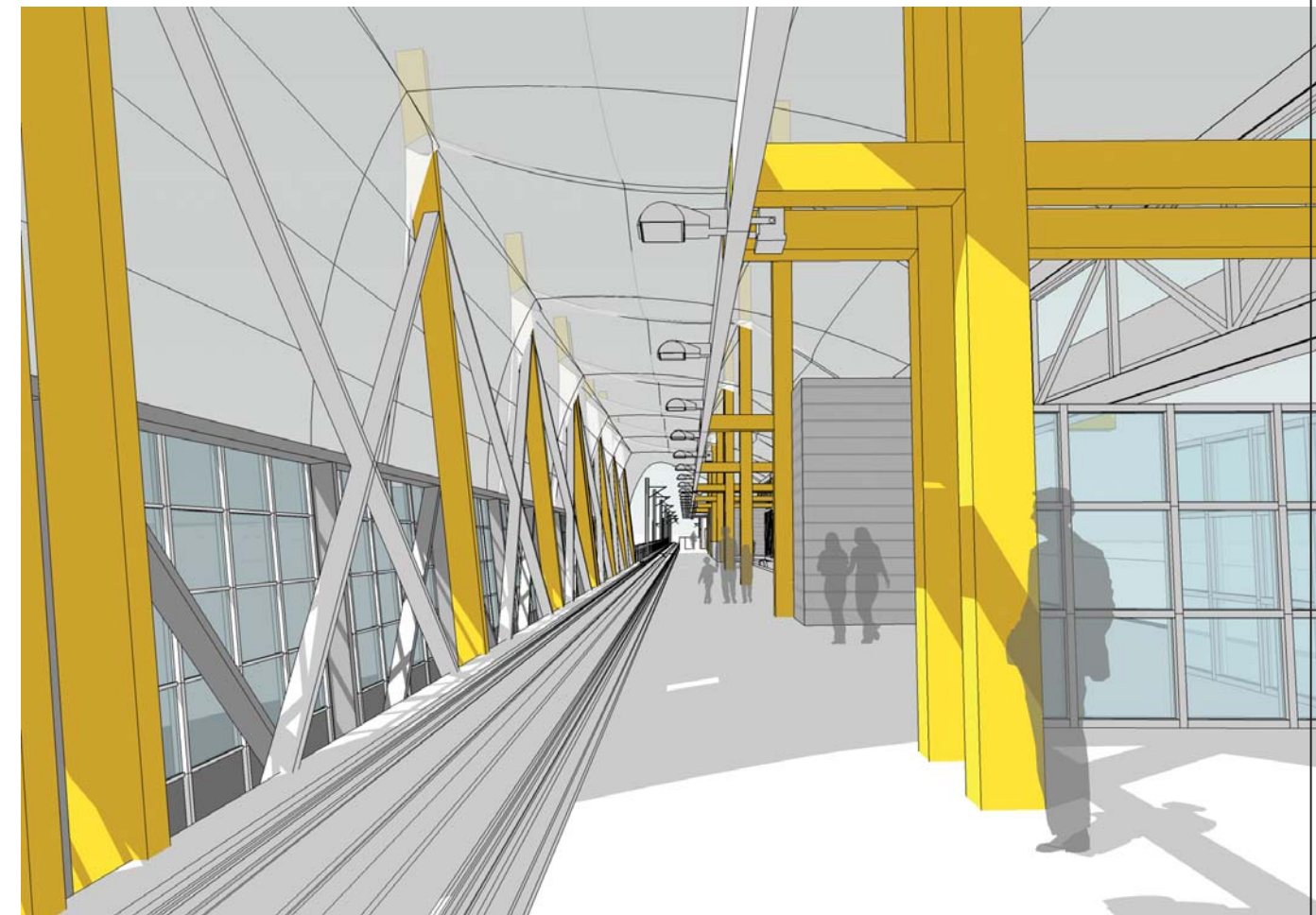
NORTHGATE STATION

ROOF ALTERNATIVE 2

NORTH LINK



Cross Section B



Interior Perspective

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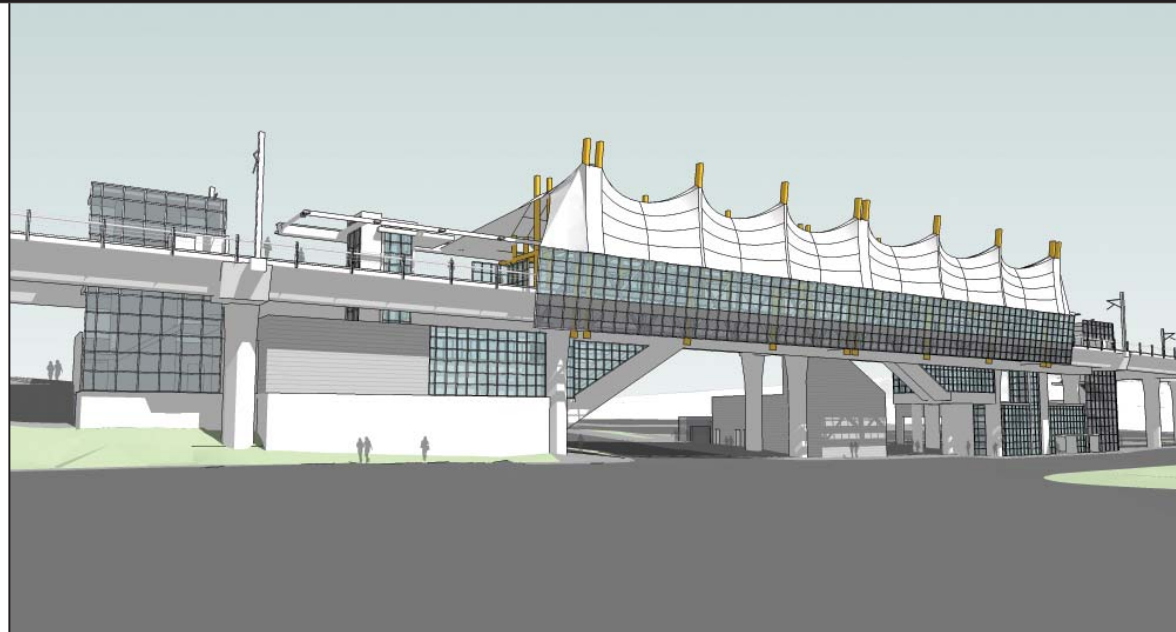
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NORTHGATE STATION

ROOF ALTERNATIVE 2

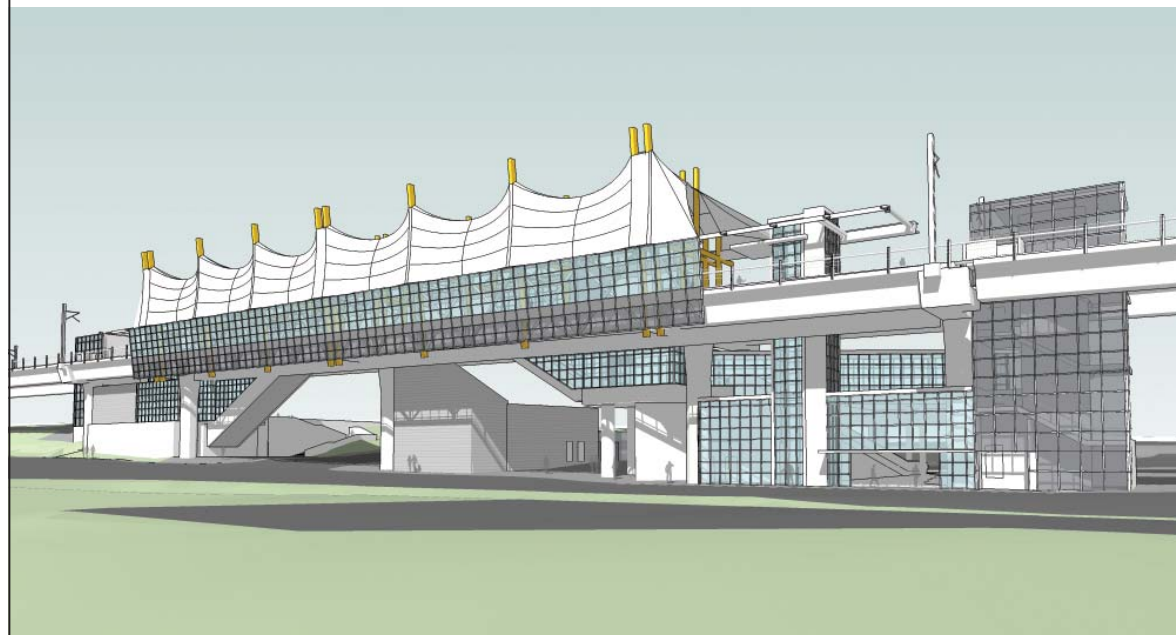
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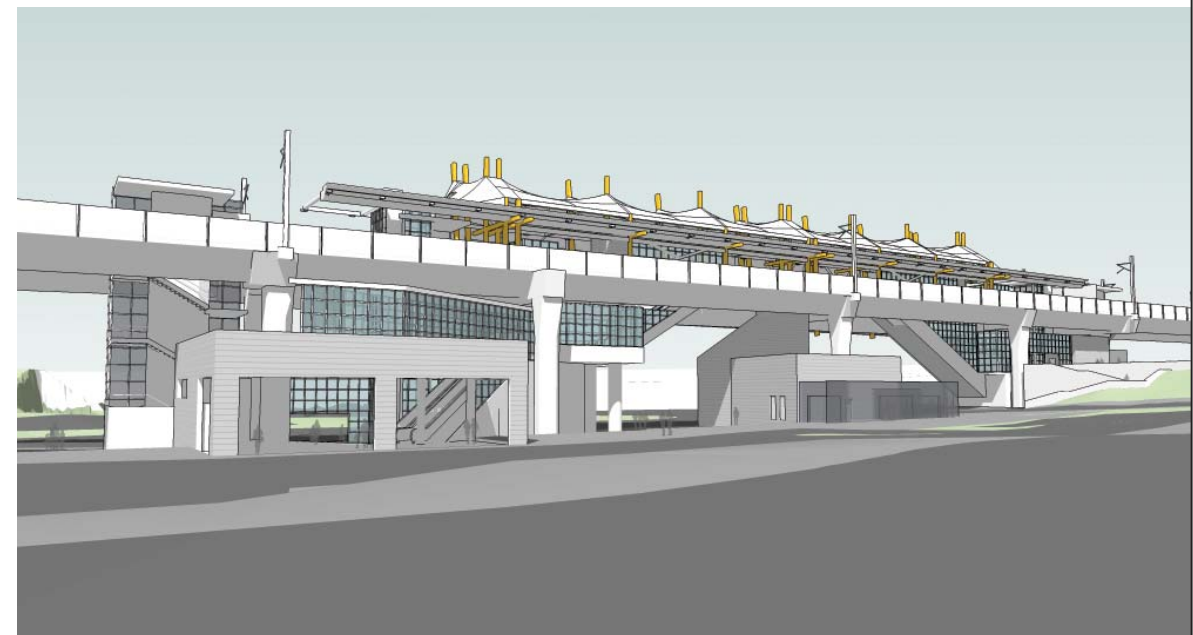
Perspective View looking SE



Perspective View looking SW



Perspective View looking NE



Perspective View looking NW

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 **SOUNDTRANSIT**

CENTRAL PUGET SOUND REGIONAL TRANSIT AUTHORITY

Sound Transit Art Program

Start on LINK

