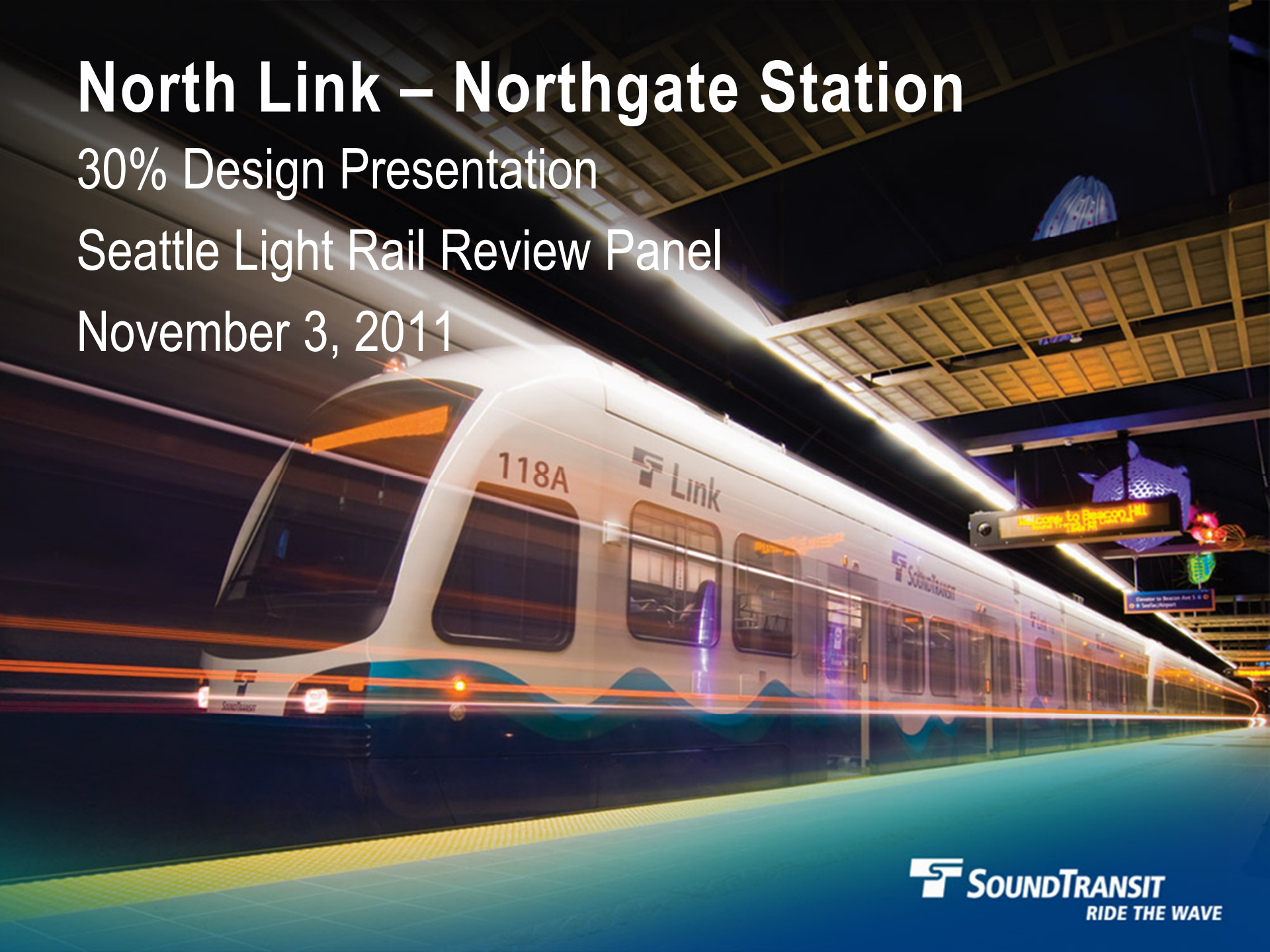


# North Link – Northgate Station

30% Design Presentation

Seattle Light Rail Review Panel

November 3, 2011

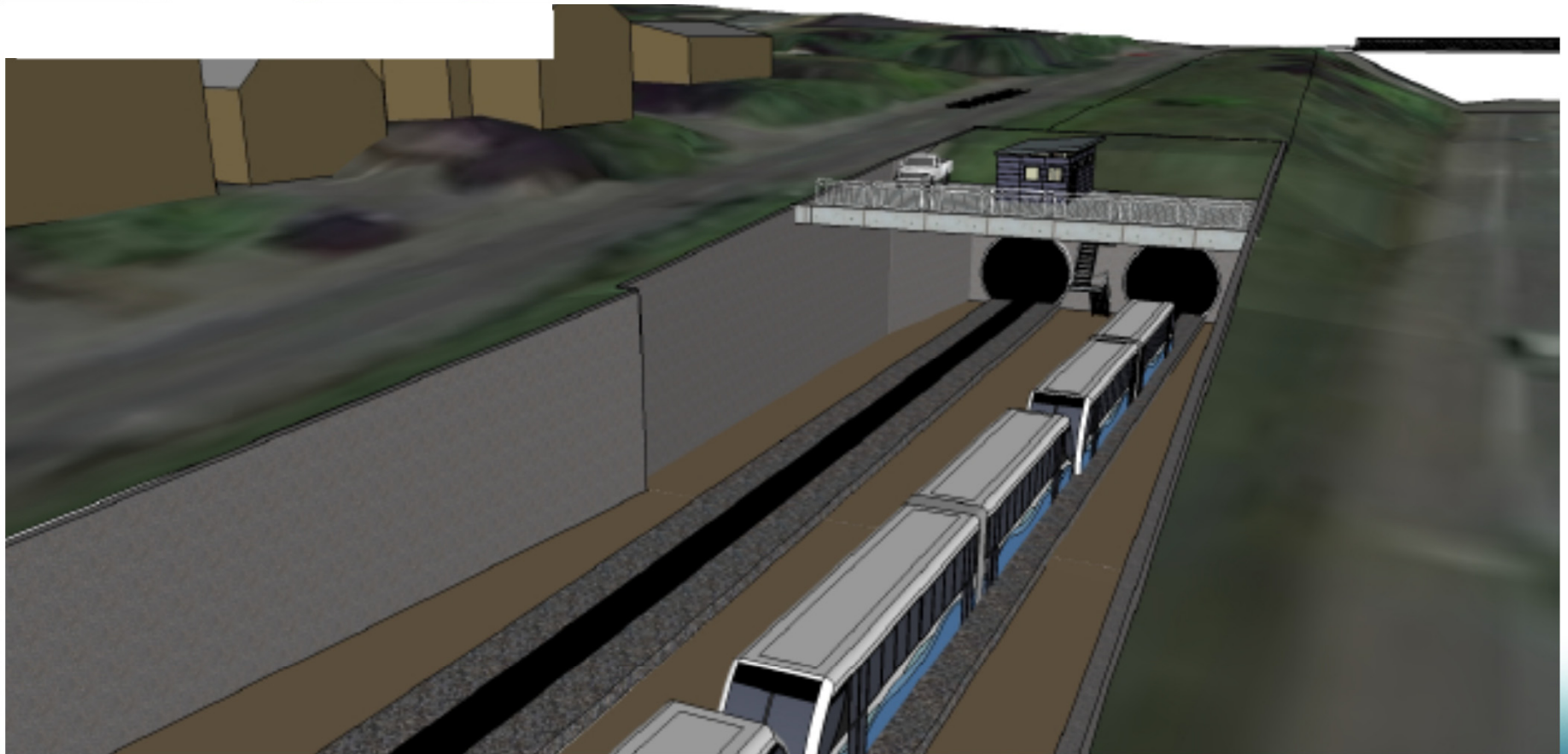


# North Link Overview

- 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 94<sup>th</sup> St
- Elevated station at Northgate
- Adds 62,000 daily boardings (2030)
- Revenue service begins in 2021



# New Tunnel Portal Site at NE 94<sup>th</sup> Street



# Tunnel Portal to Elevated Guideway



# New Tunnel Portal Site at NE 94<sup>th</sup> 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

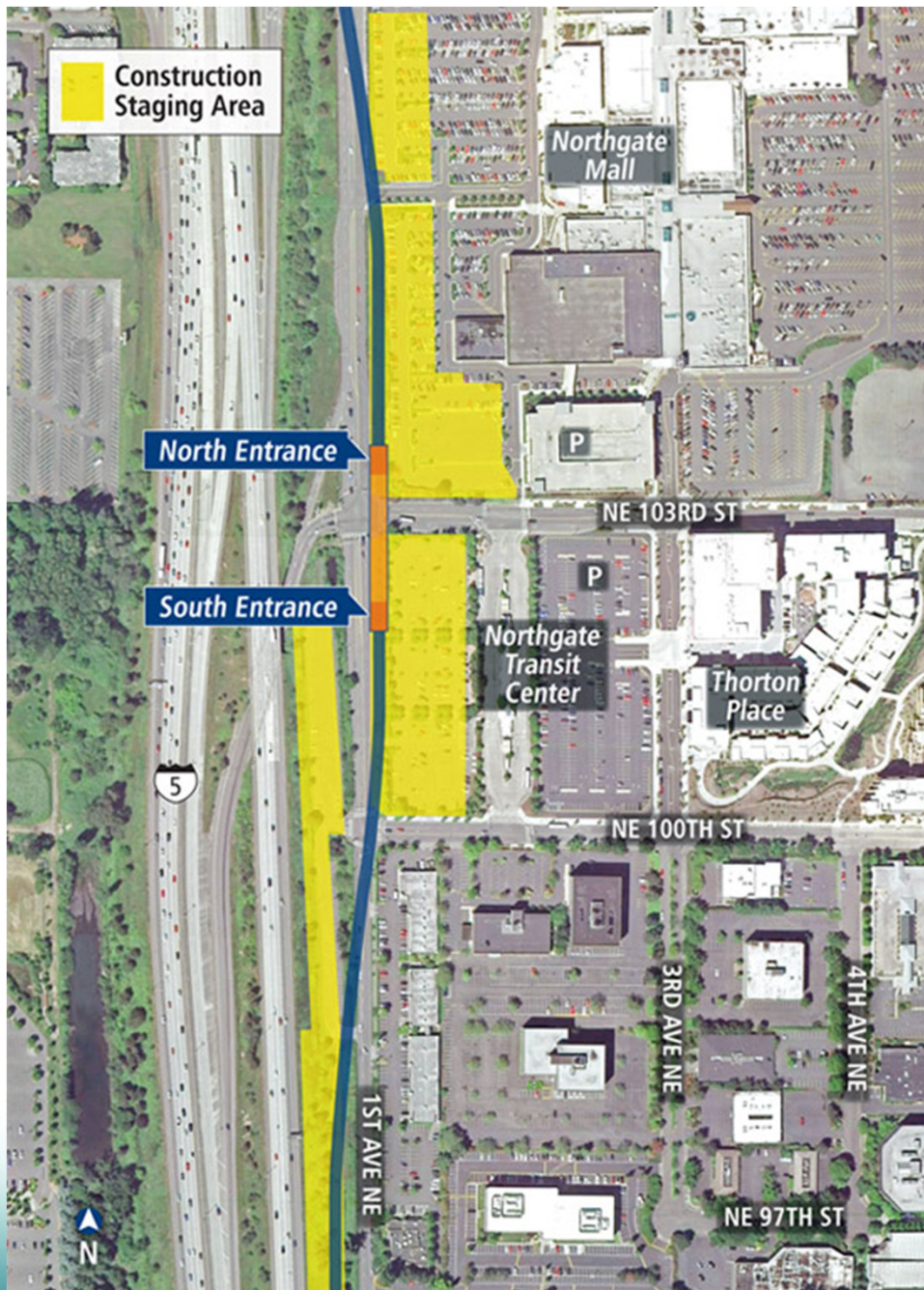




# Northgate Station

## 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)

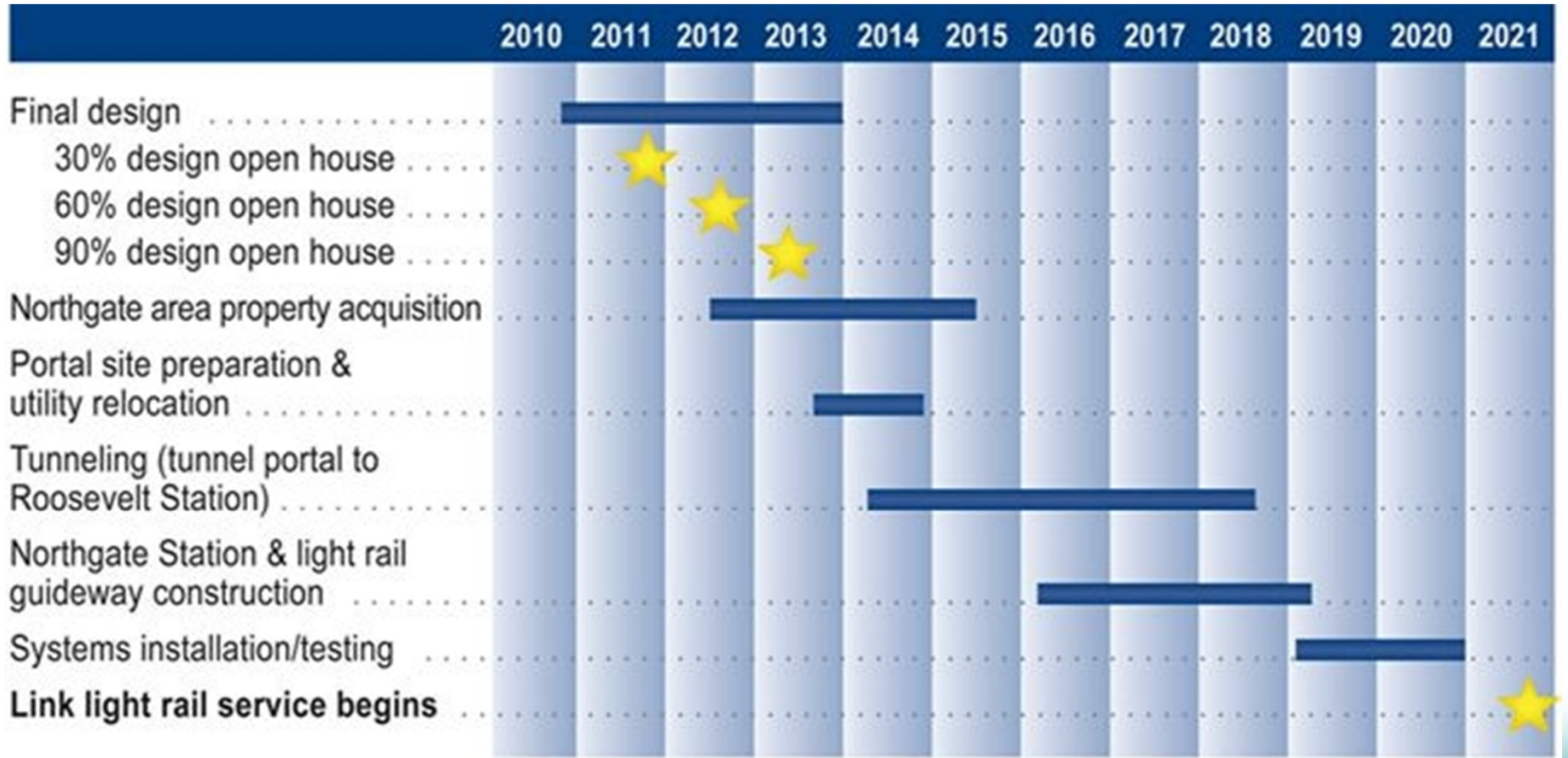


# Northgate Station

## 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. 9<sup>th</sup> public open house

# Northgate Station Schedule

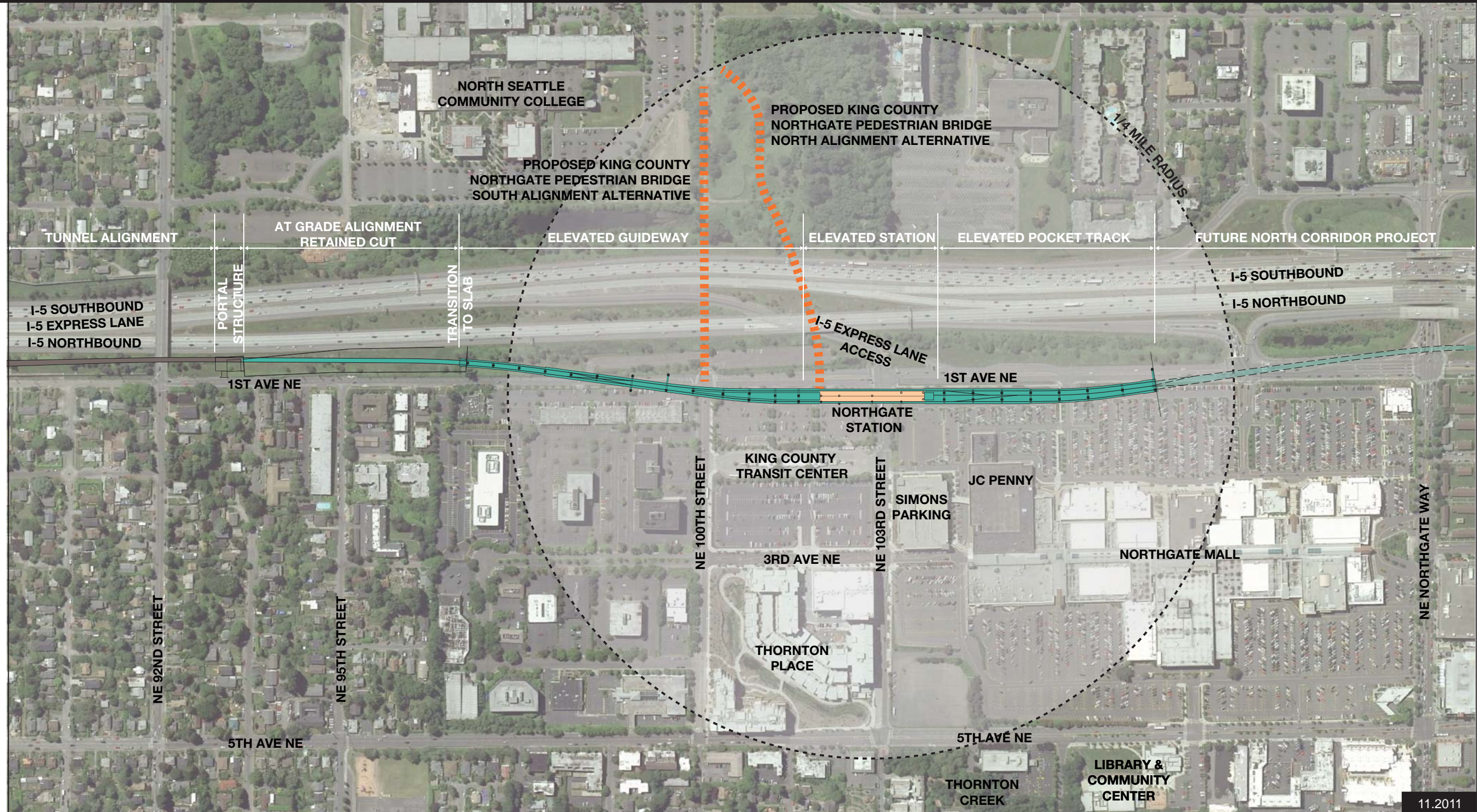




# NORTHGATE STATION

## NEIGHBORHOOD CONTEXT PLAN

### NORTH LINK



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# NORTHGATE STATION

## PROJECT SITE PLAN

### NORTH LINK



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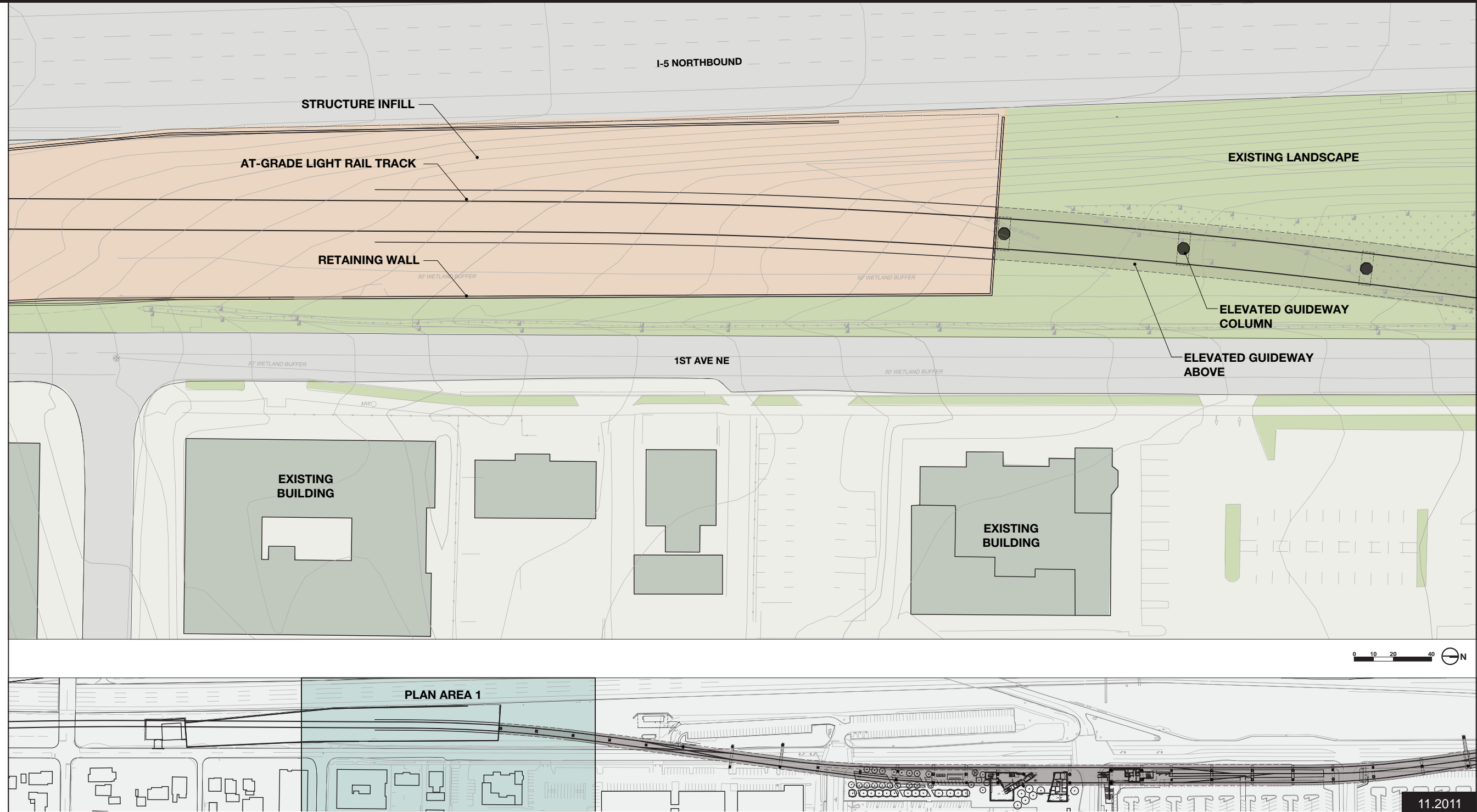
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# NORTHGATE STATION

## GUIDEWAY PLAN 1

### NORTH LINK



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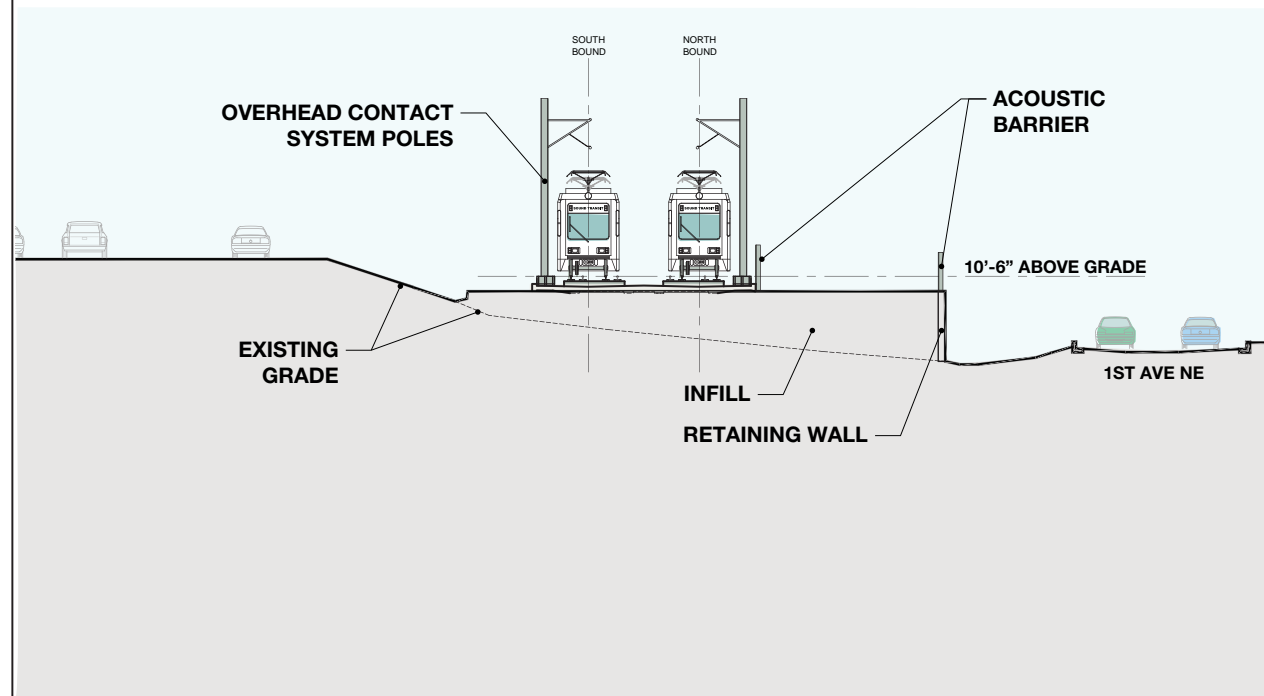
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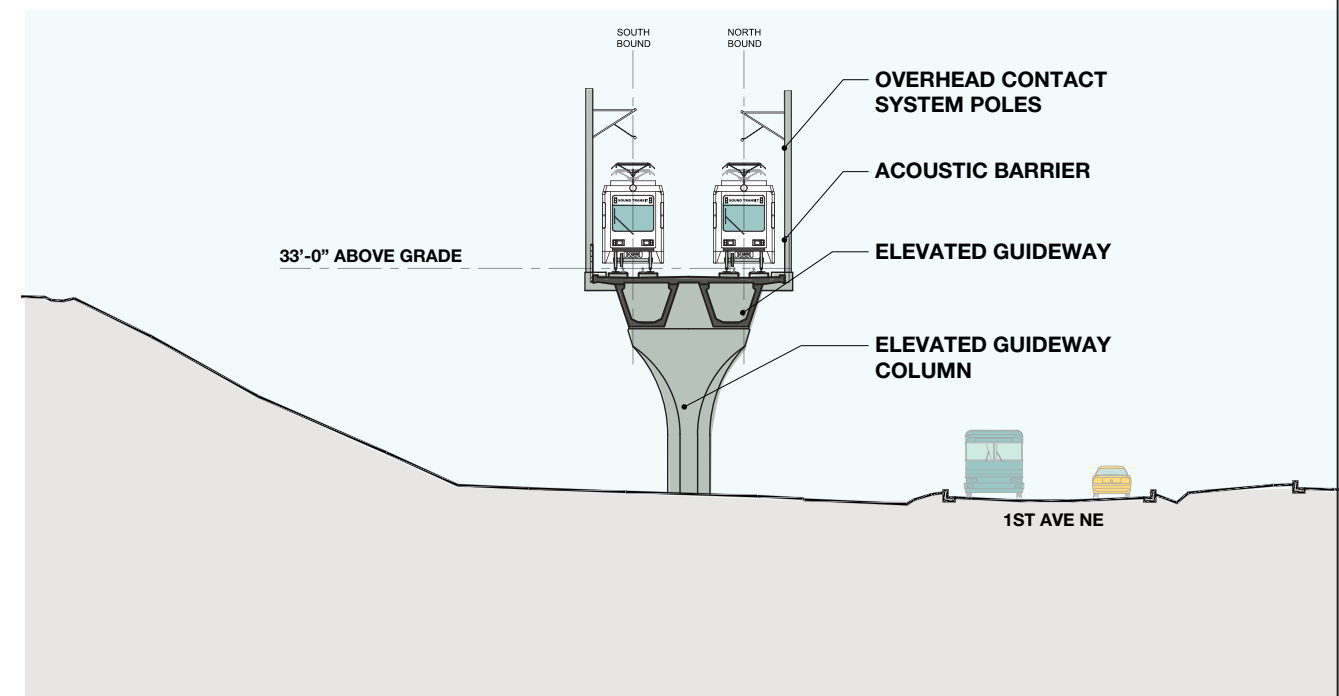
# NORTHGATE STATION

## GUIDEWAY SECTIONS 1

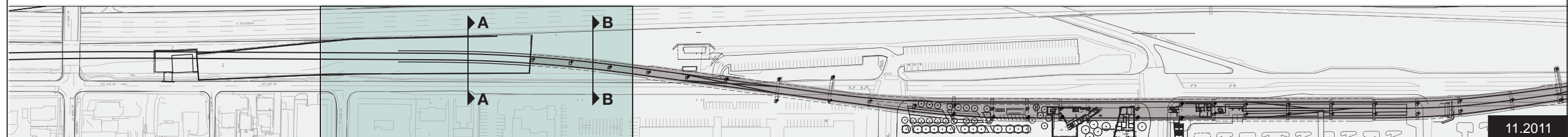
### NORTH LINK



Guideway Cross Section AA



Guideway Cross Section BB



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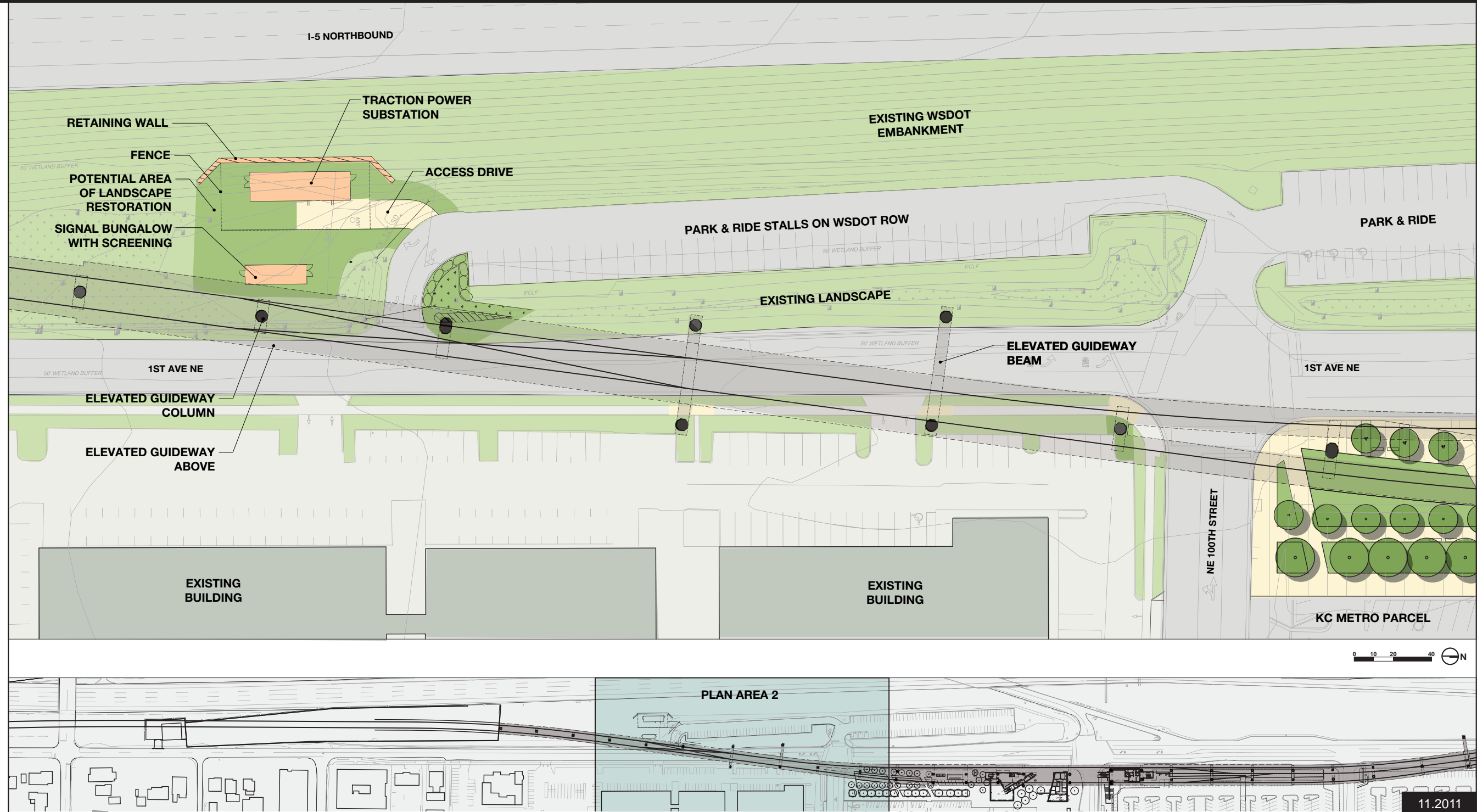
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# NORTHGATE STATION

## GUIDEWAY PLAN 2

### NORTH LINK



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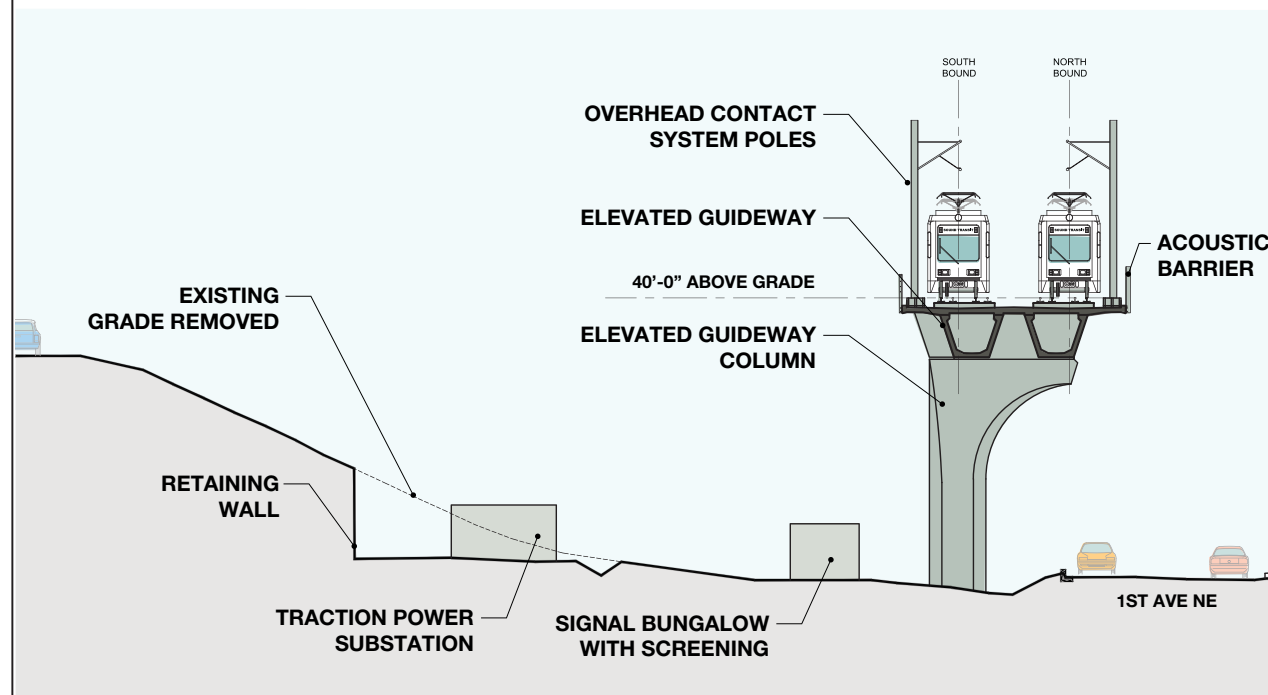
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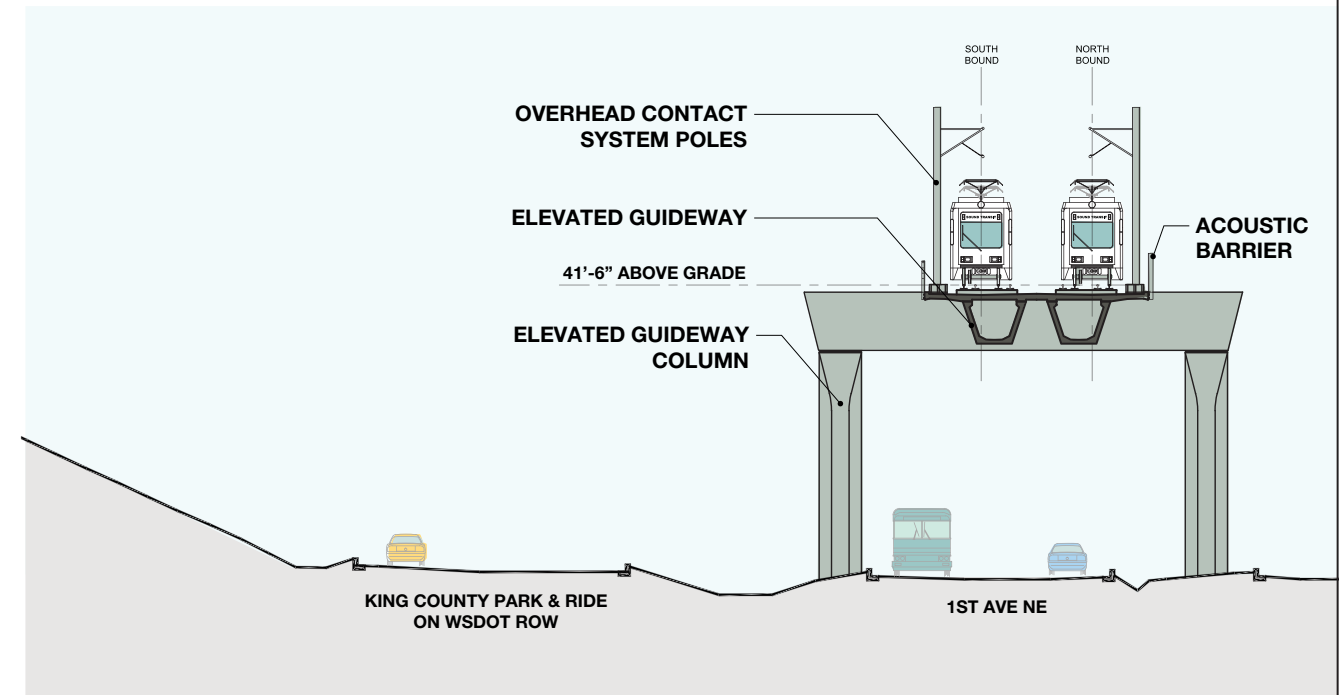
# NORTHGATE STATION

## GUIDEWAY SECTIONS 2

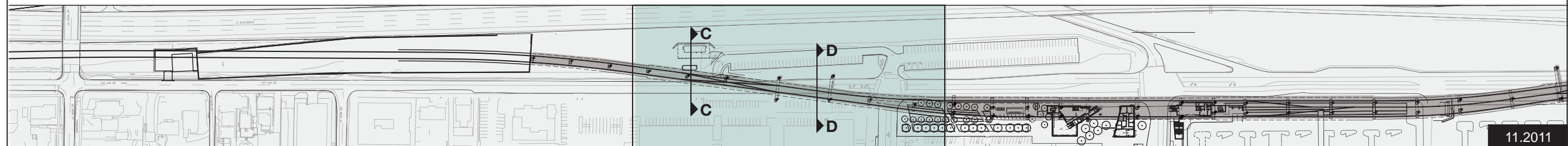
### NORTH LINK



Guideway Cross Section CC



Guideway Cross Section DD



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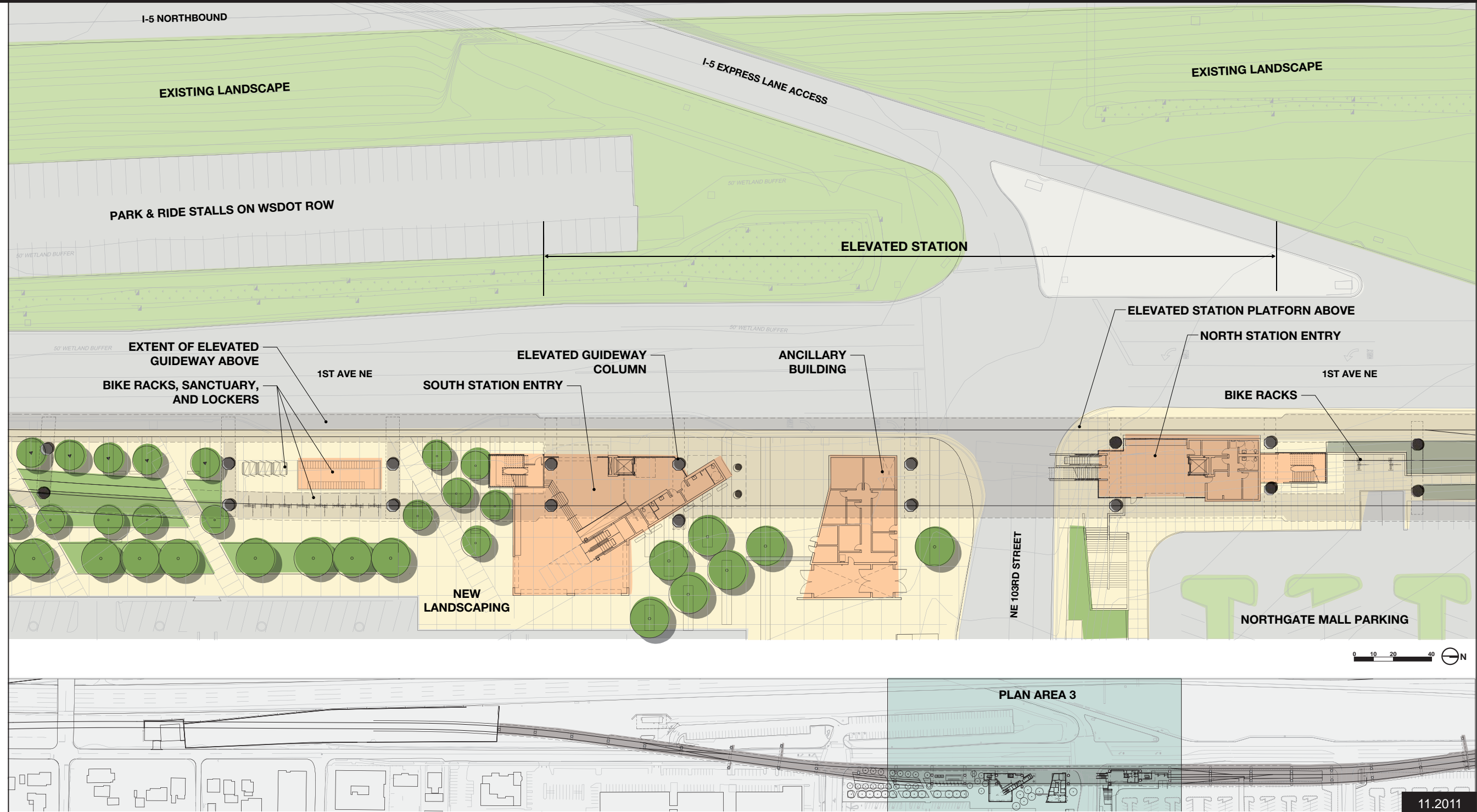
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**SOUNDTRANSIT**

# NORTHGATE STATION

## GUIDEWAY PLAN 3

### NORTH LINK



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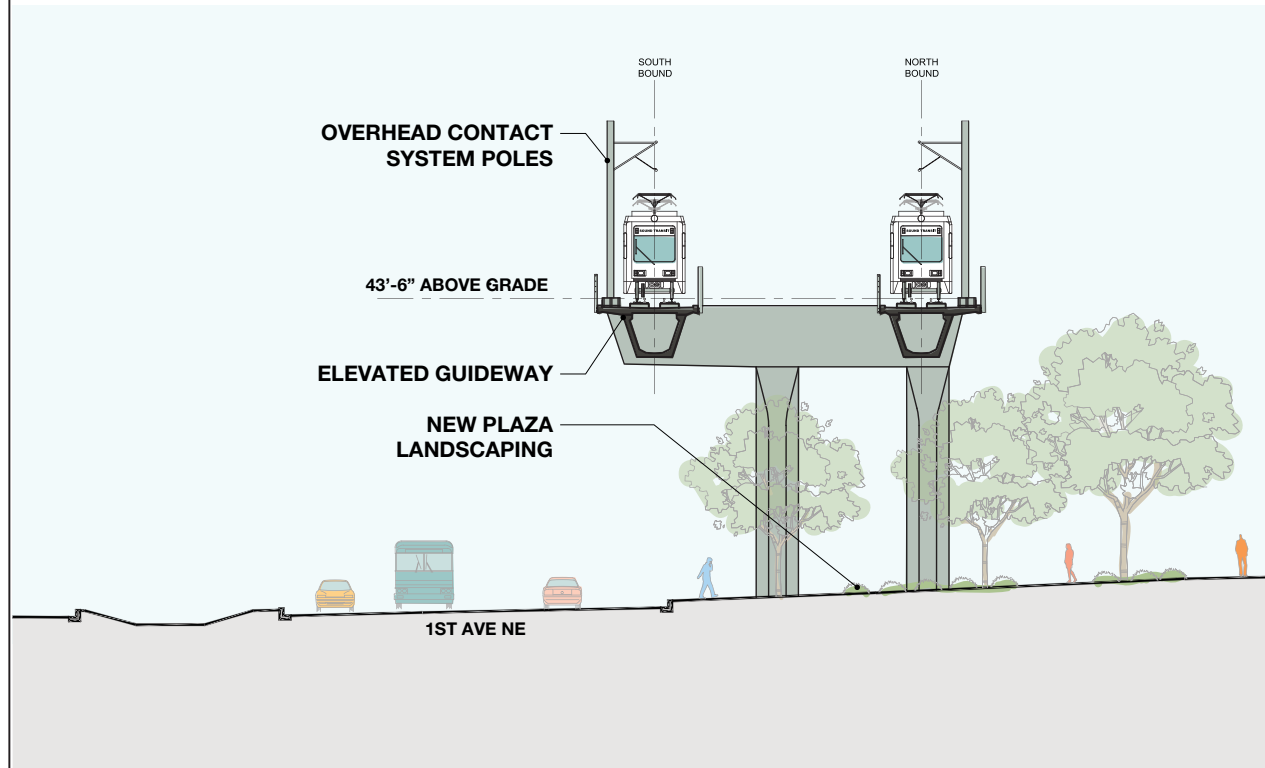
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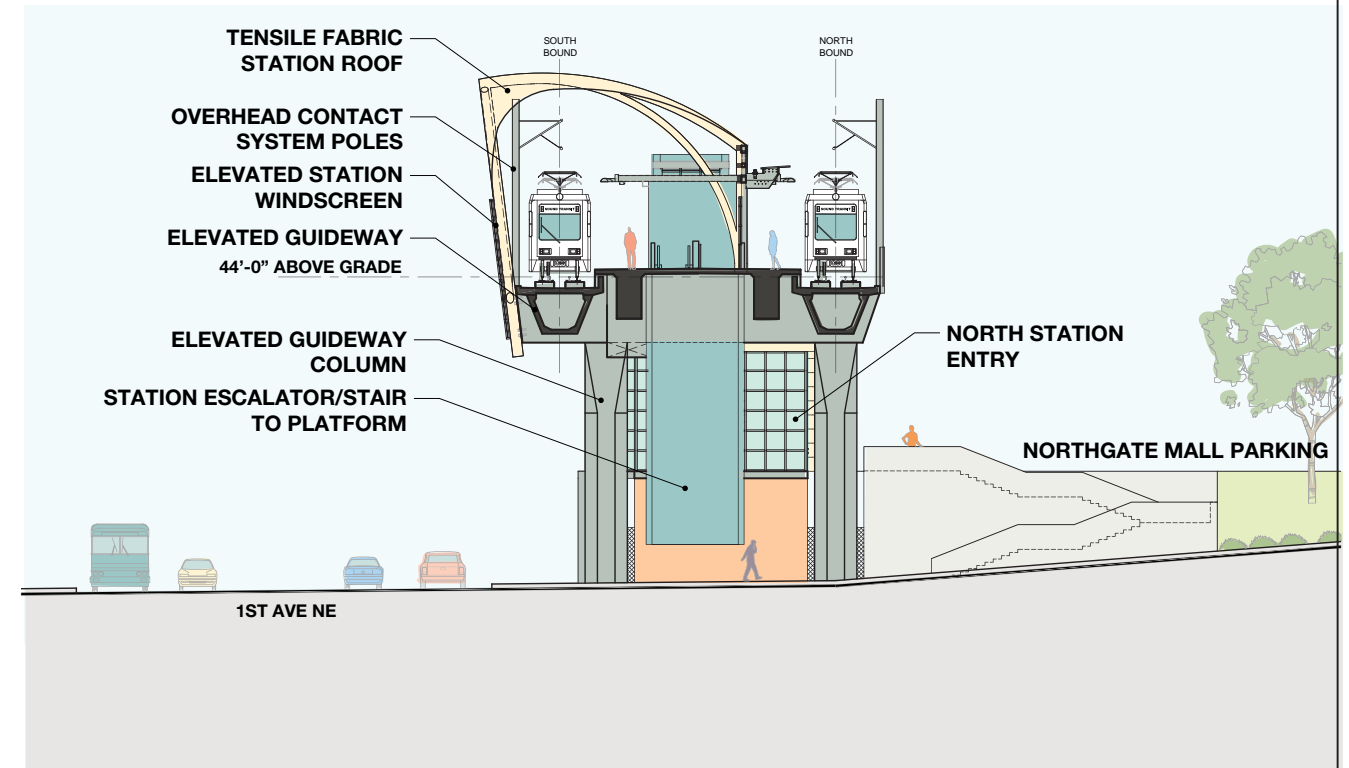
# NORTHGATE STATION

## GUIDEWAY SECTIONS 3

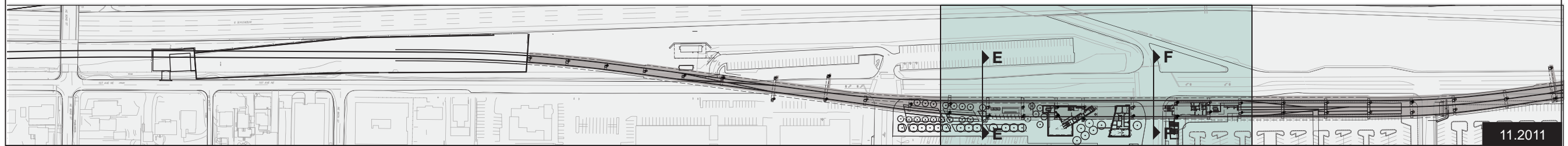
### NORTH LINK



Guideway Cross Section EE



Guideway Cross Section FF



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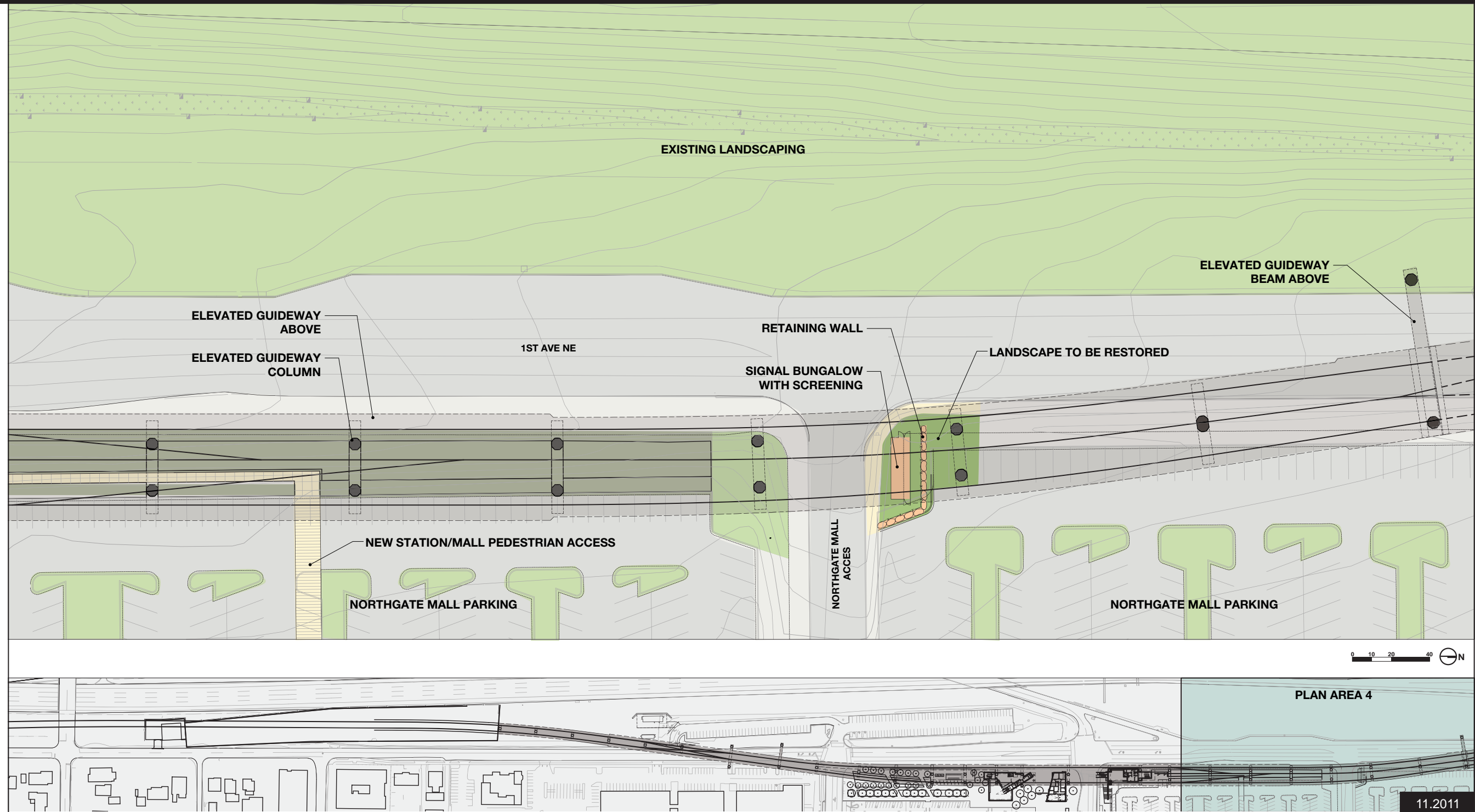




# NORTHGATE STATION

## GUIDEWAY PLAN 4

### NORTH LINK



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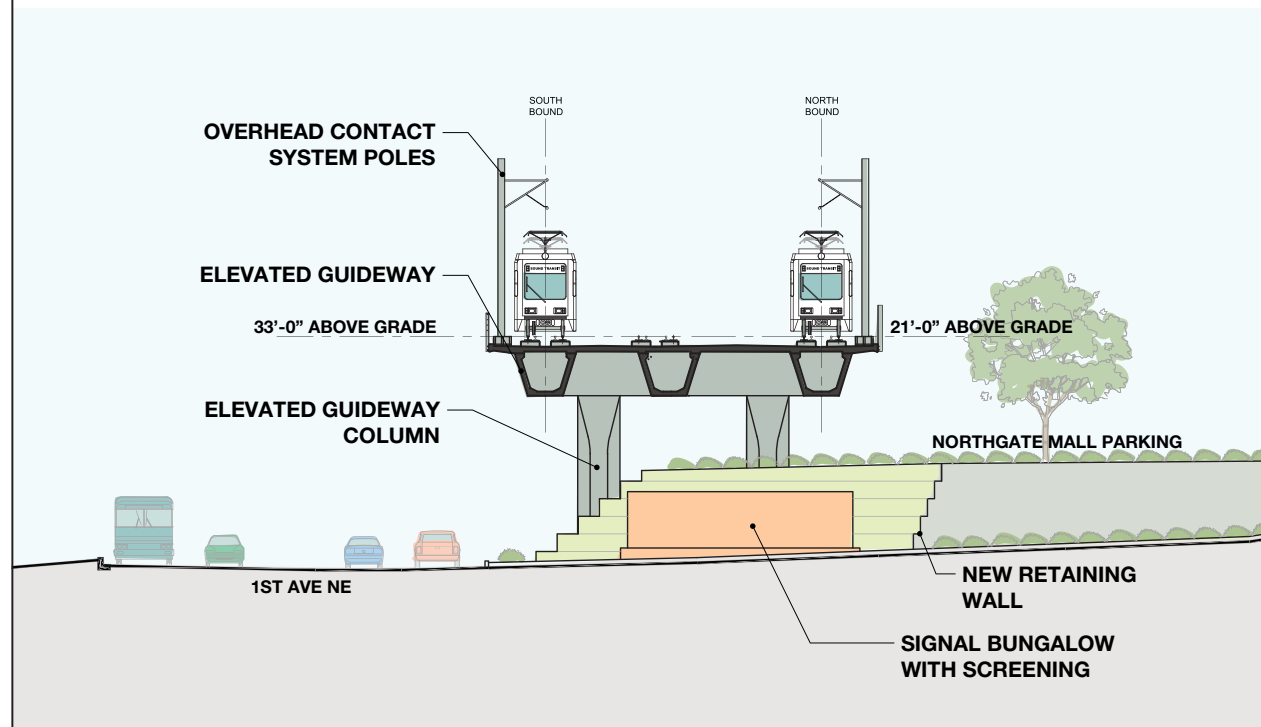
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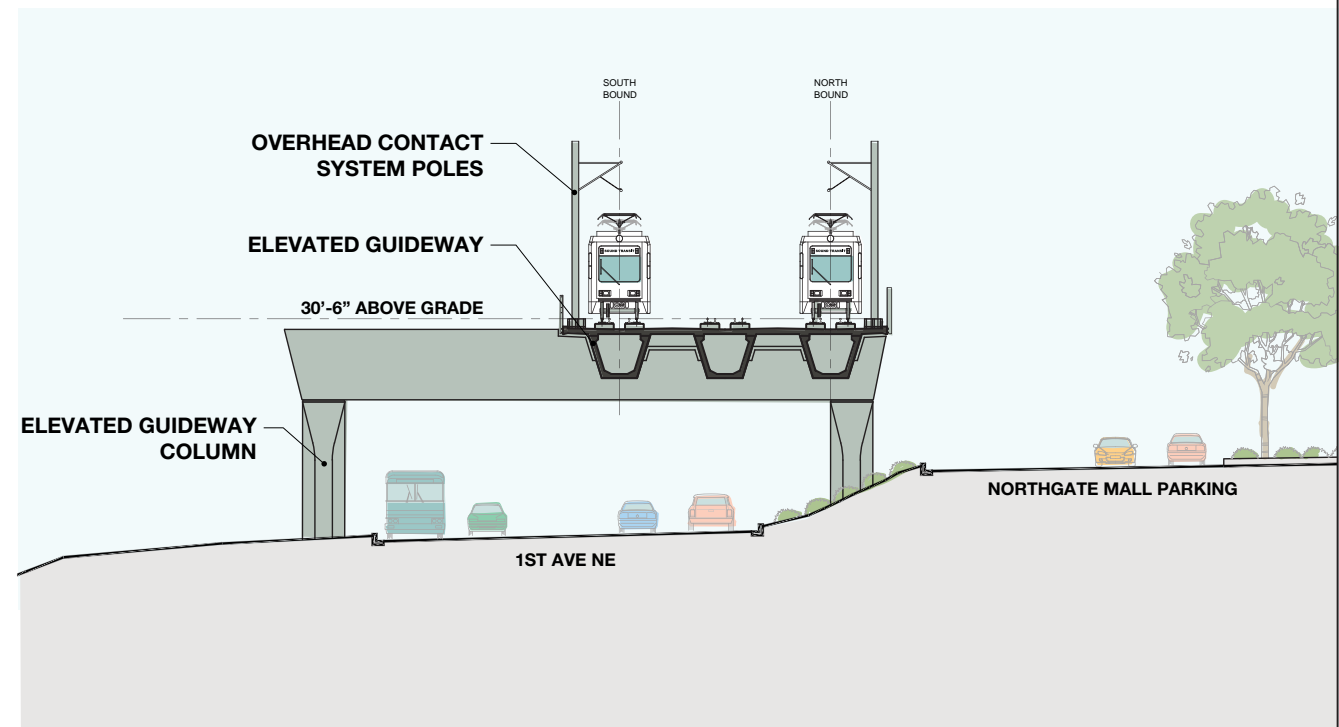
# NORTHGATE STATION

## GUIDEWAY SECTIONS 4

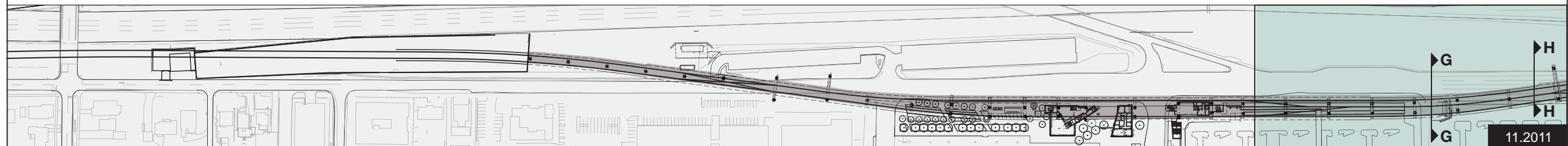
### NORTH LINK



Guideway Cross Section GG



Guideway Cross Section HH



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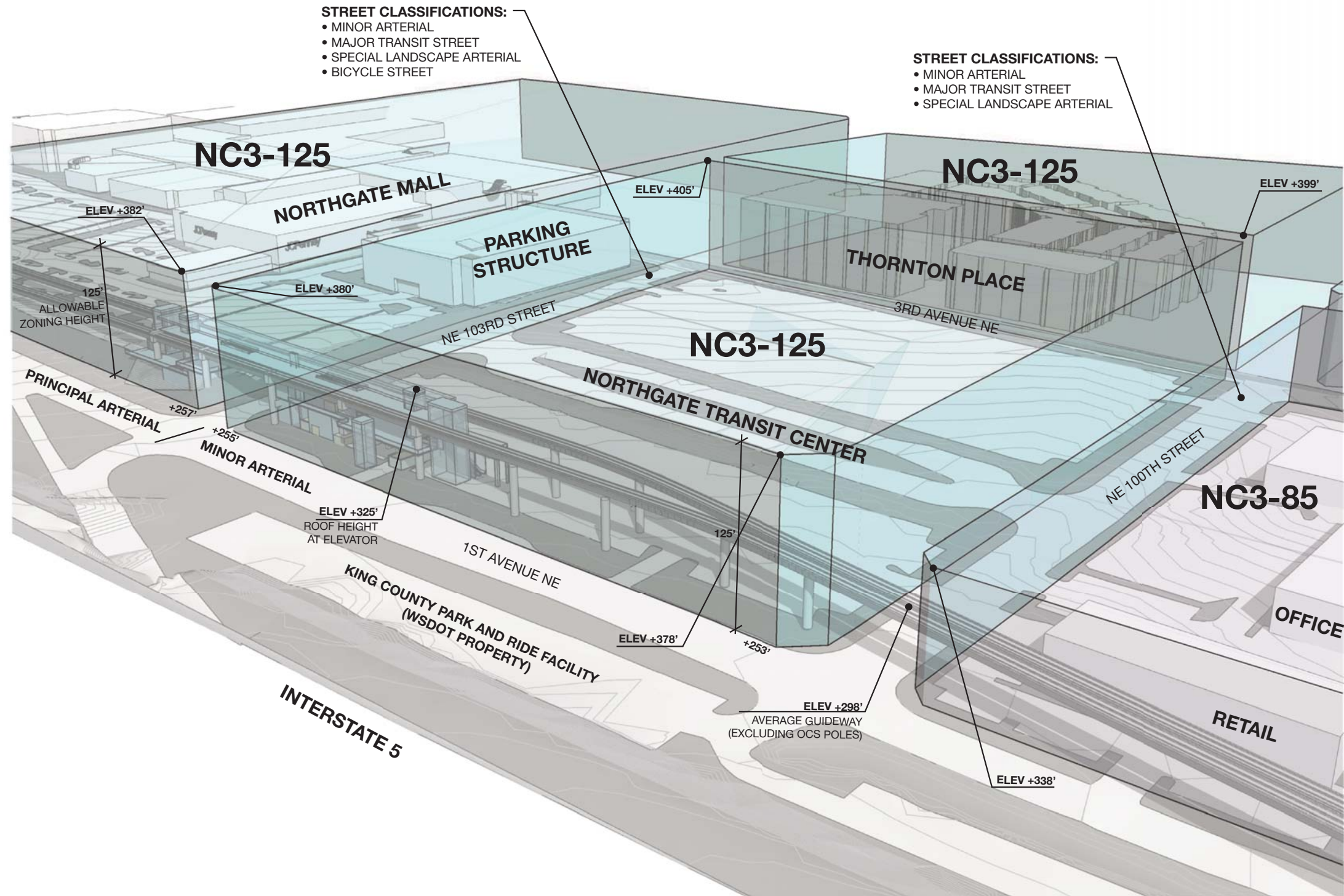
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# NORTHGATE STATION

## ZONING DIAGRAM

### NORTH LINK



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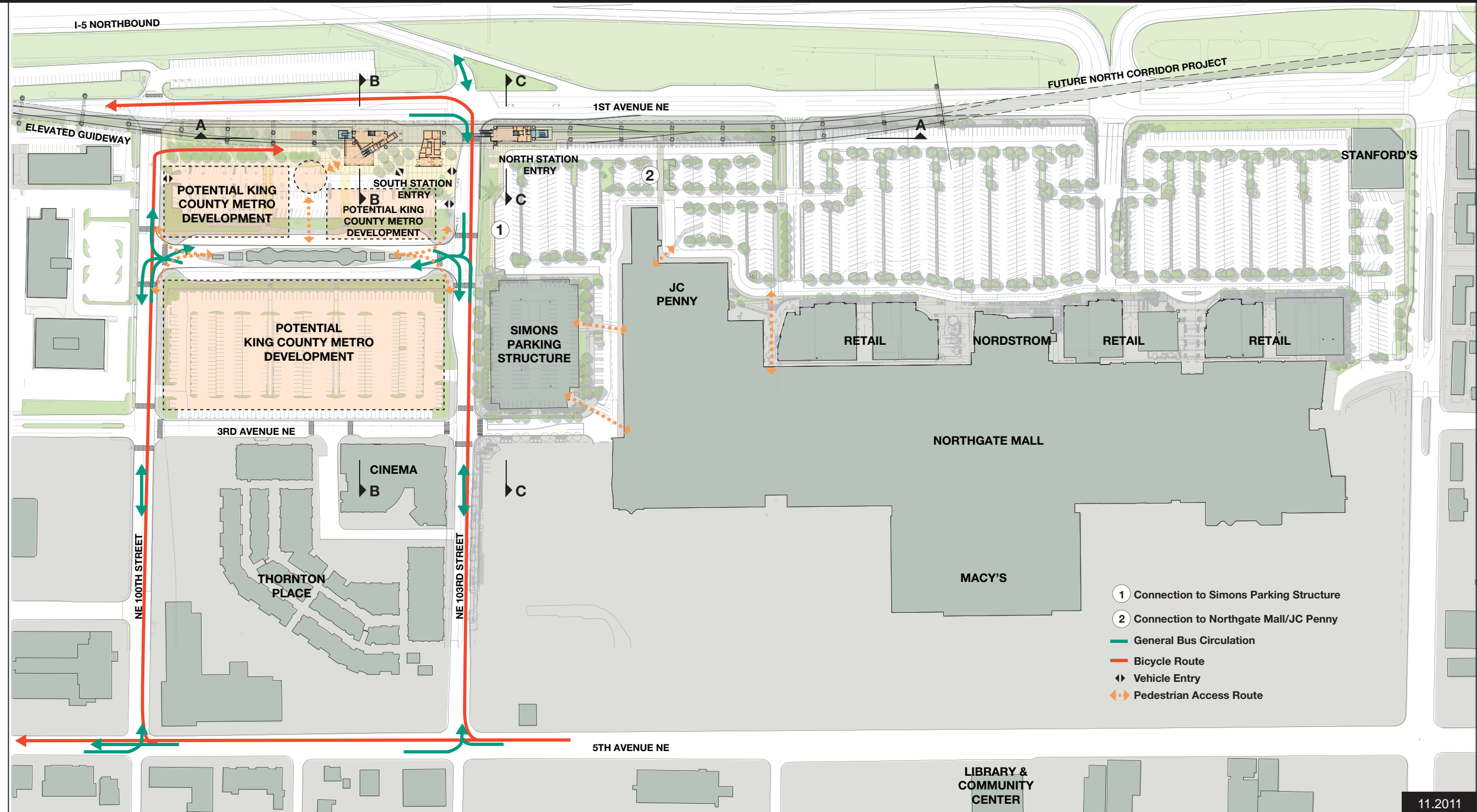
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# NORTHGATE STATION

## PROJECT CONNECTIONS PLAN

### NORTH LINK



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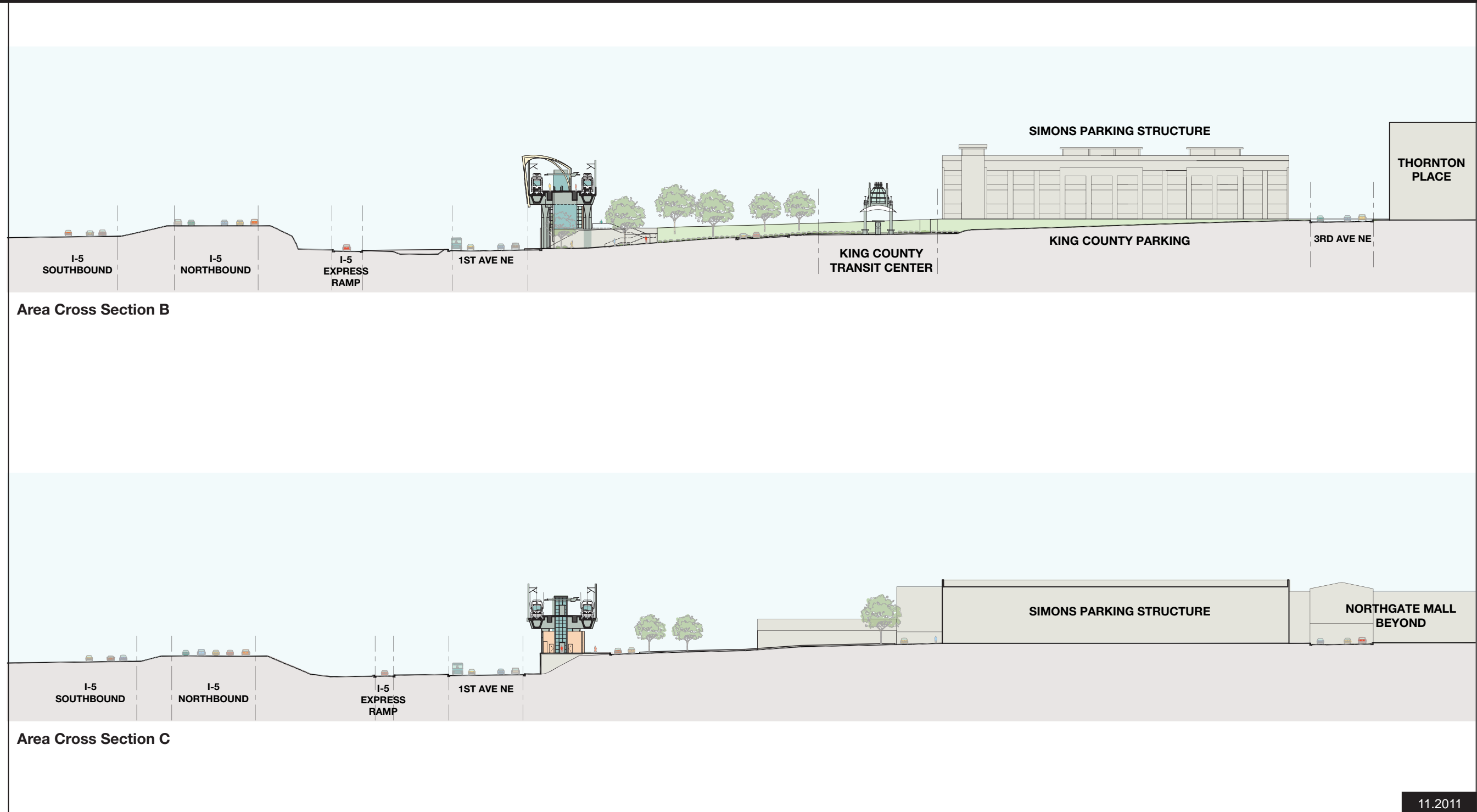
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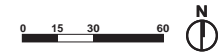
# NORTHGATE STATION

## NORTH LINK



JACOBS ASSOCIATES

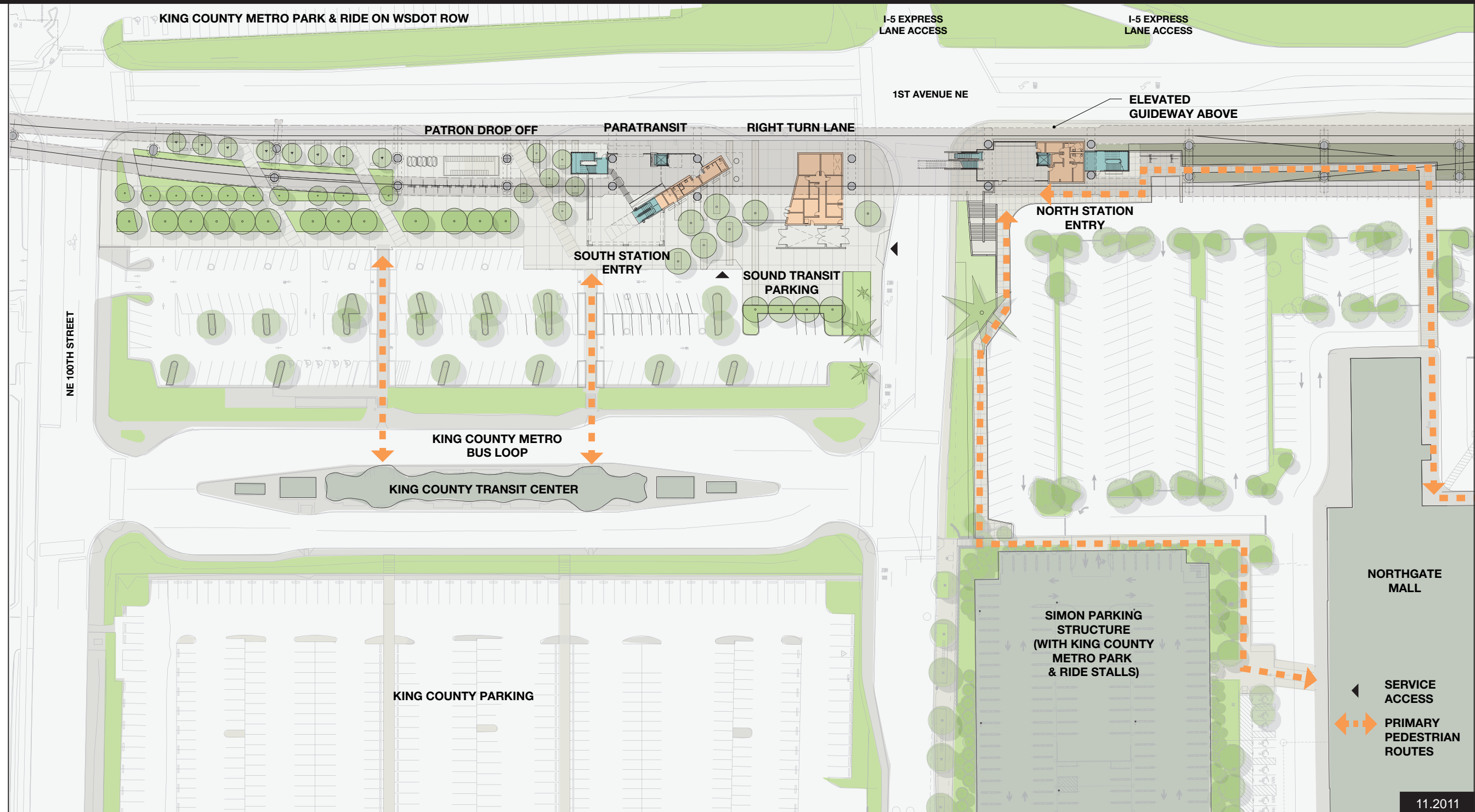
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# NORTHGATE STATION

## STATION AREA CONNECTIONS PLAN

### NORTH LINK



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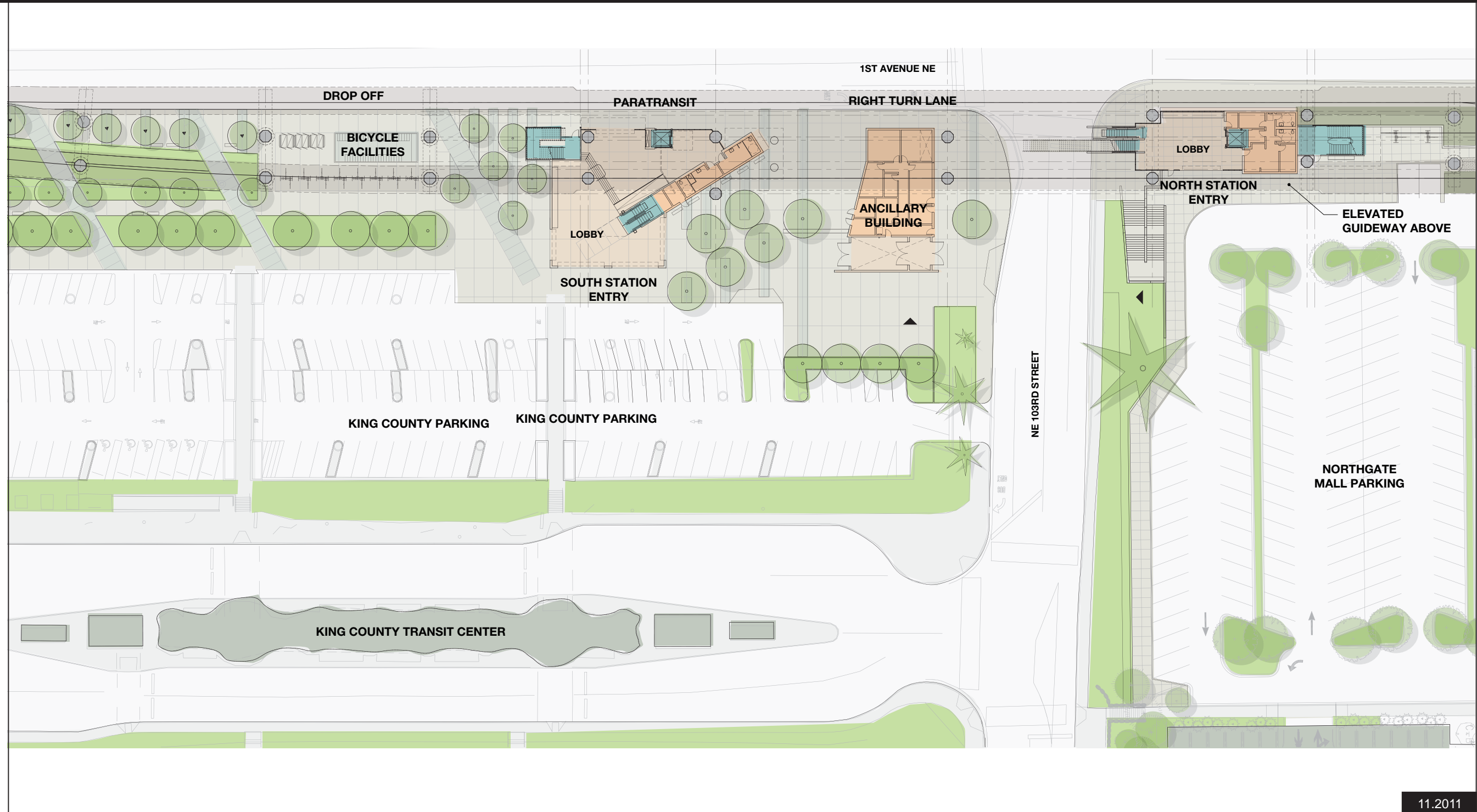
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# NORTHGATE STATION

## STATION SITE PLAN

### NORTH LINK



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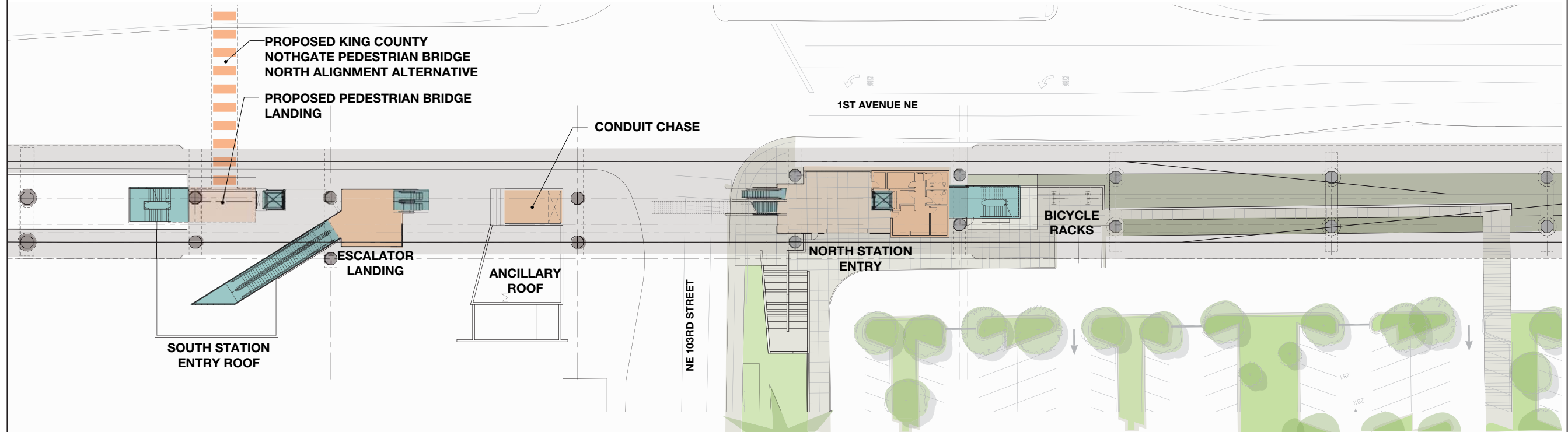
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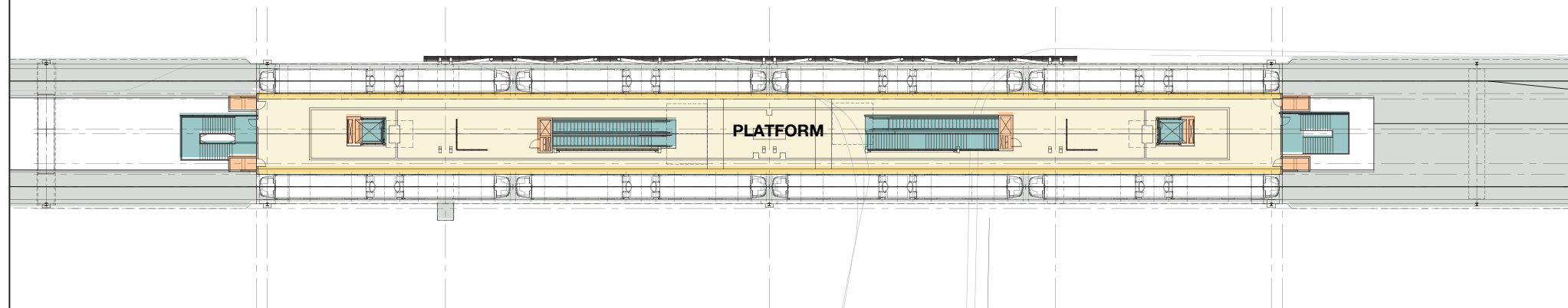
# NORTHGATE STATION

## STATION PLANS

### NORTH LINK



Escalator Landing Plan



Platform Plan

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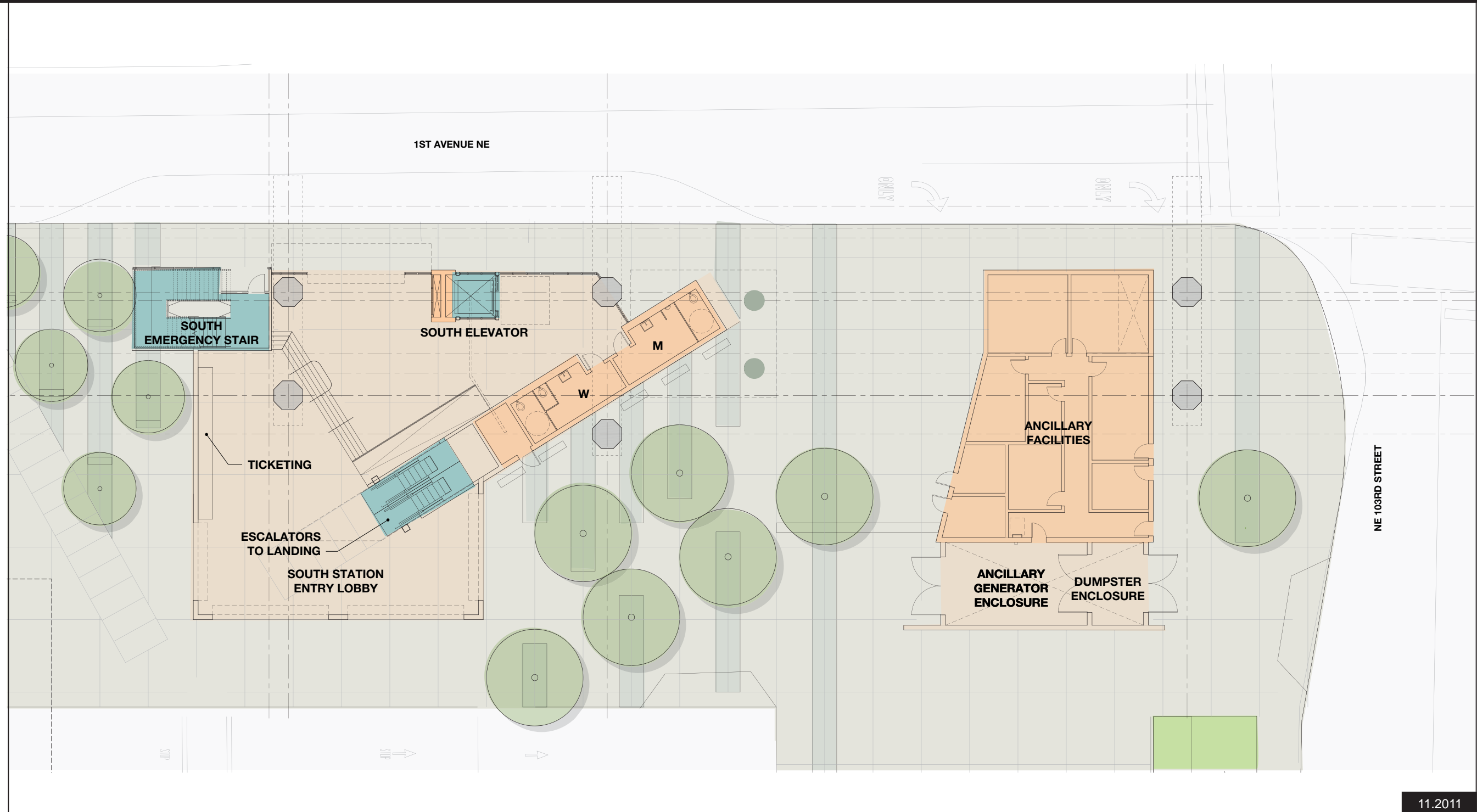




# NORTHGATE STATION

## SOUTH STATION ENTRY PLAN

### NORTH LINK



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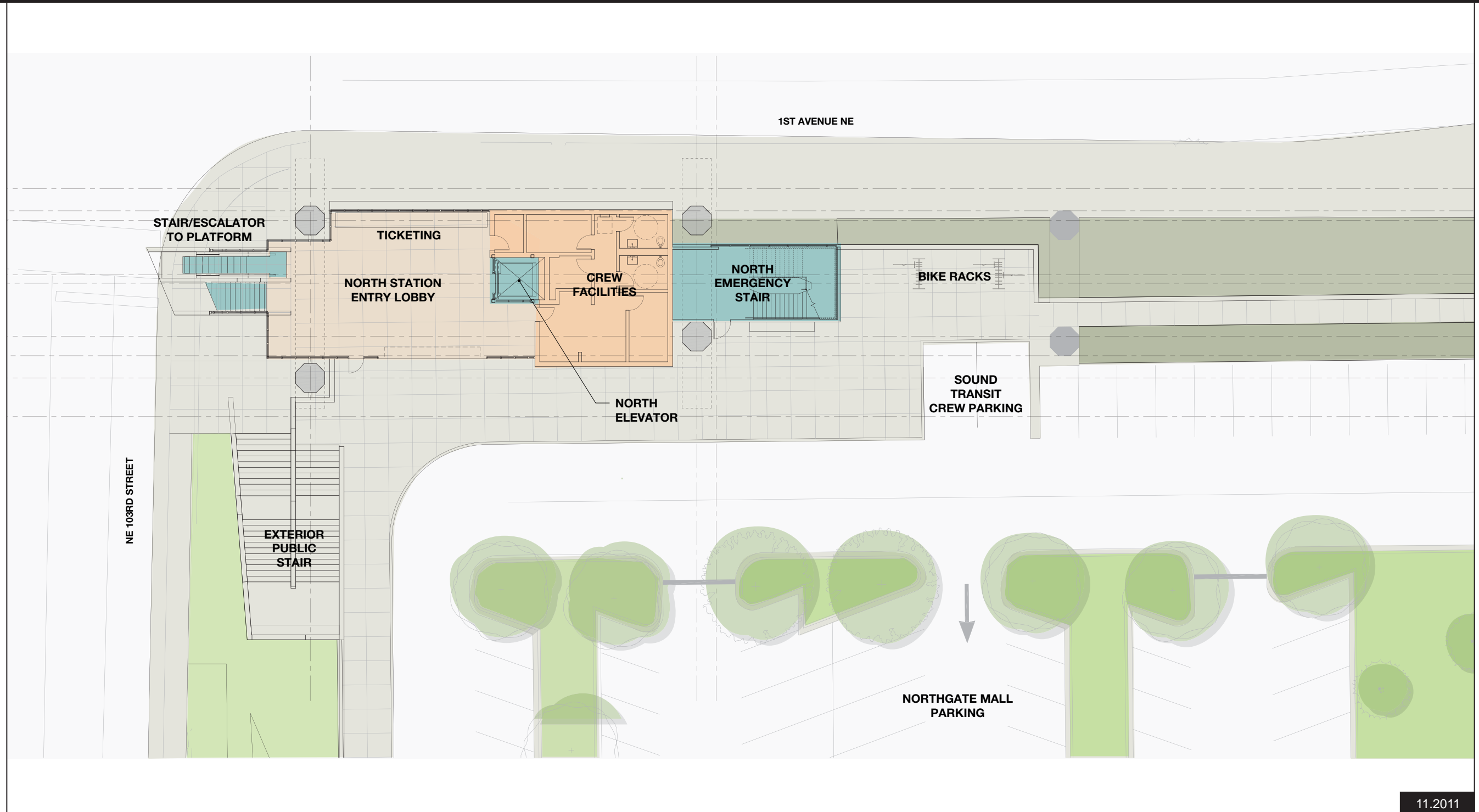
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# NORTHGATE STATION

## NORTH STATION ENTRY PLAN

### NORTH LINK



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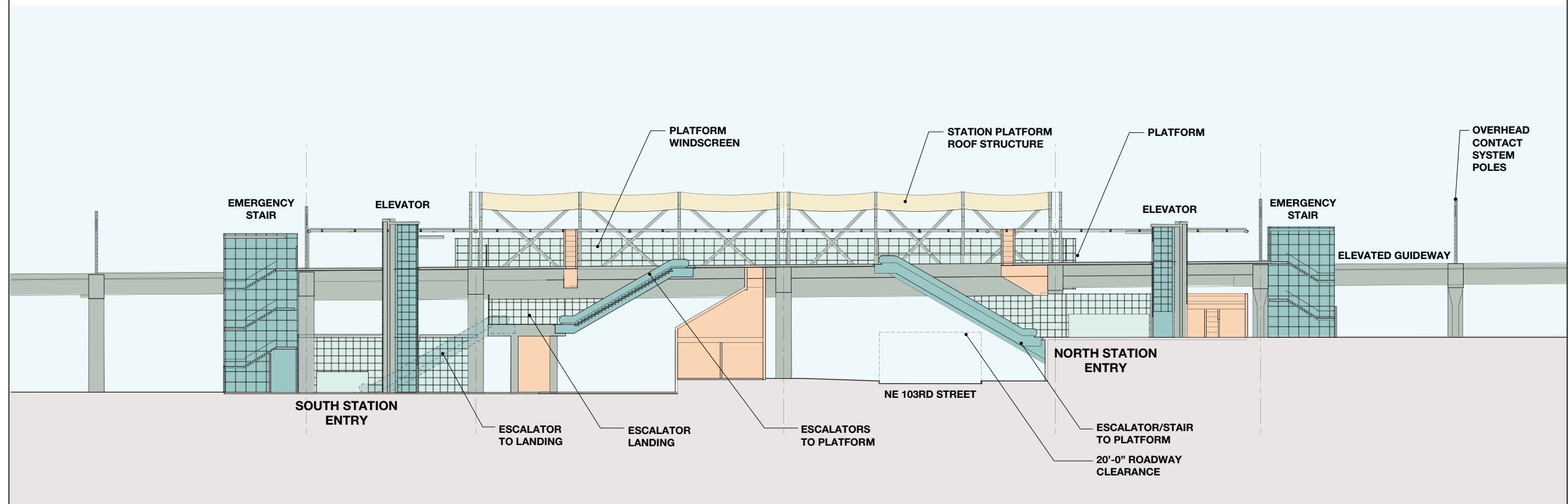
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# NORTHGATE STATION

## STATION SECTION

### NORTH LINK



Longitudinal Section A – looking West

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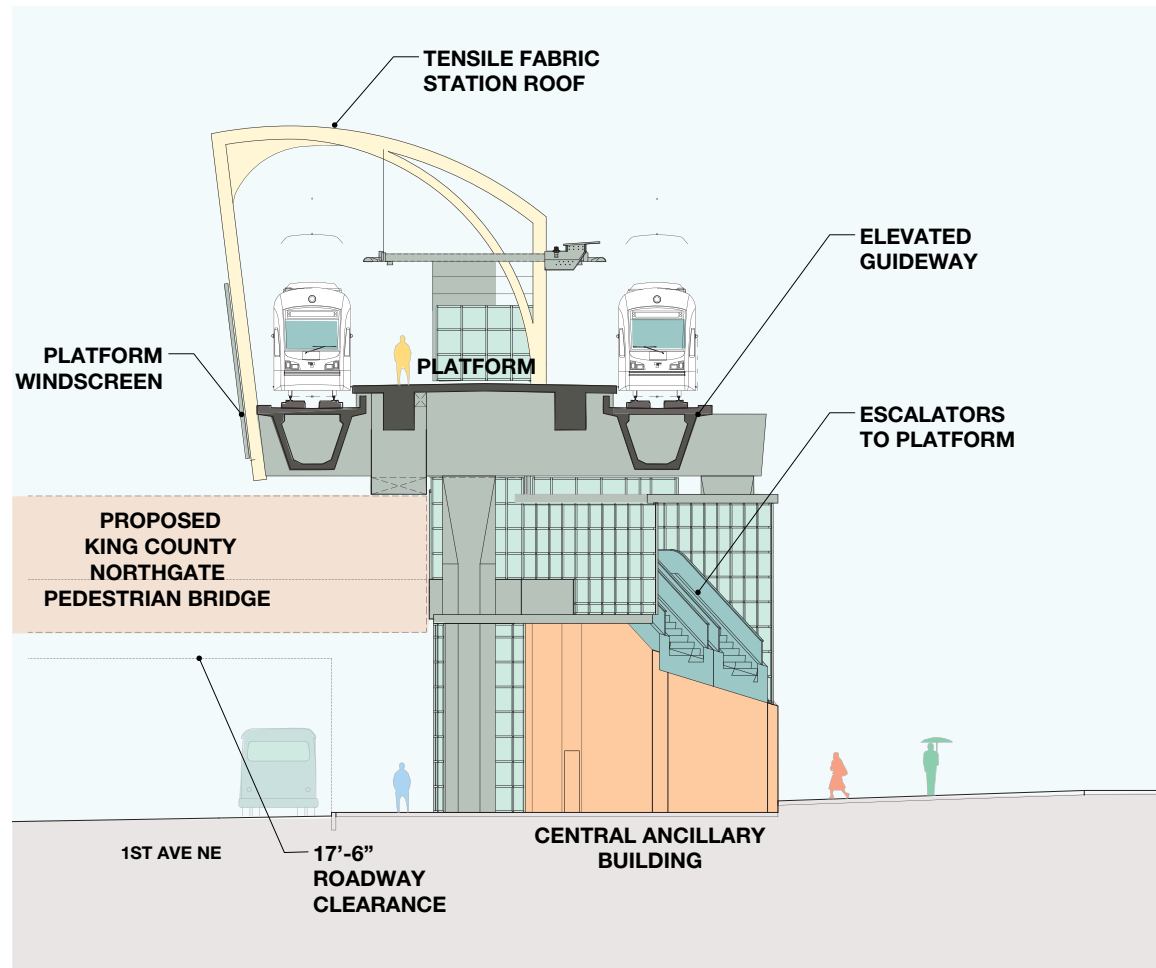
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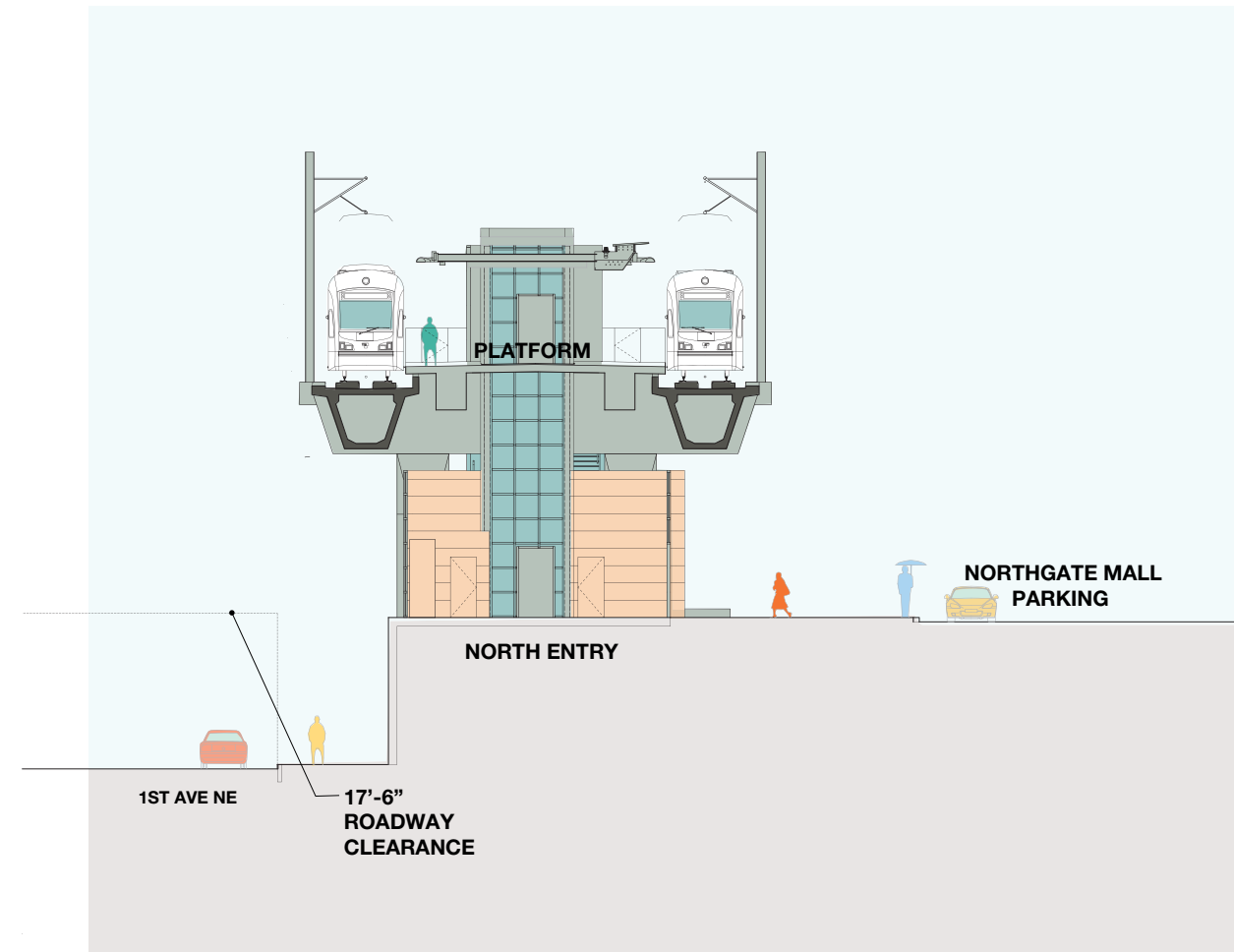
# NORTHGATE STATION

## STATION SECTIONS

### NORTH LINK



Cross Section B



Cross Section C

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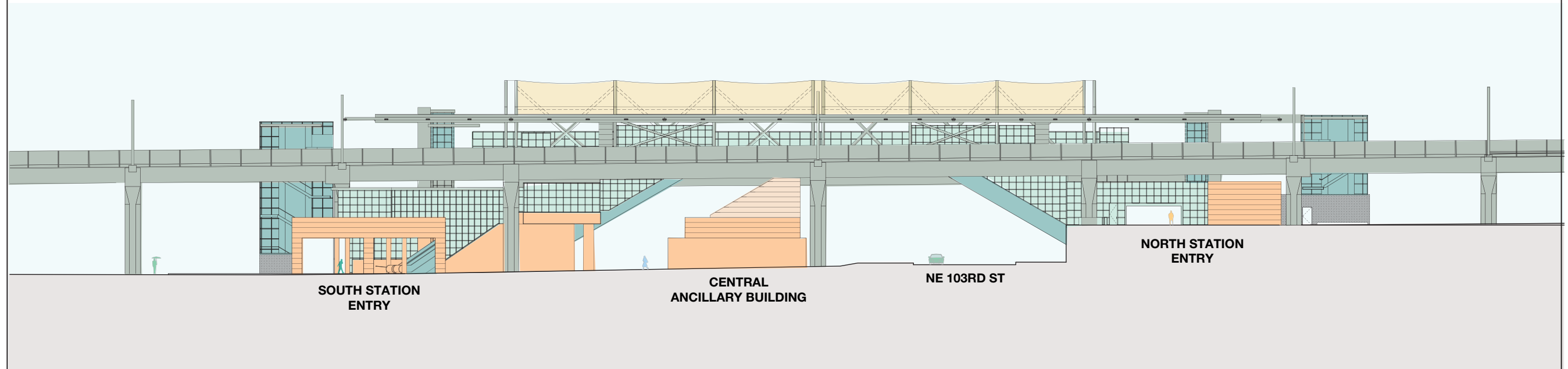
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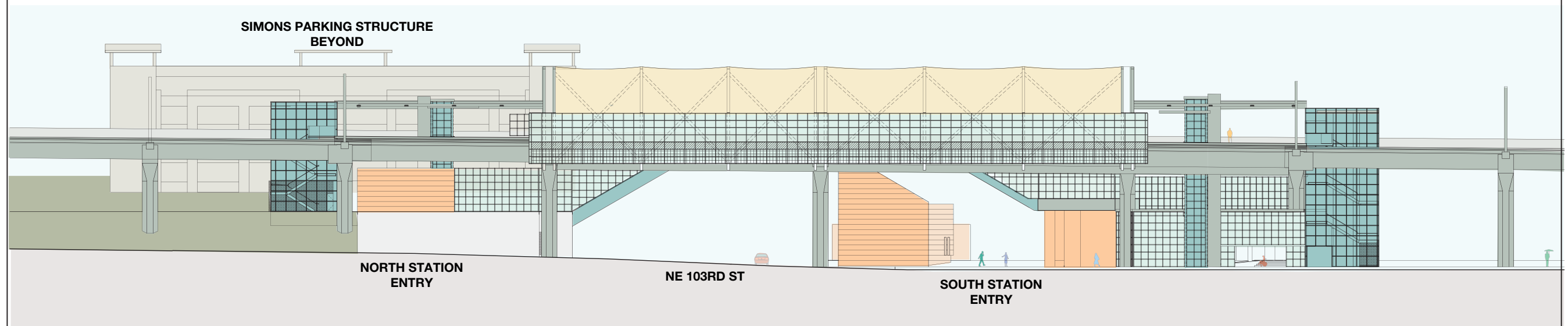
# NORTHGATE STATION

## STATION ELEVATIONS

### NORTH LINK



East Elevation



West Elevation

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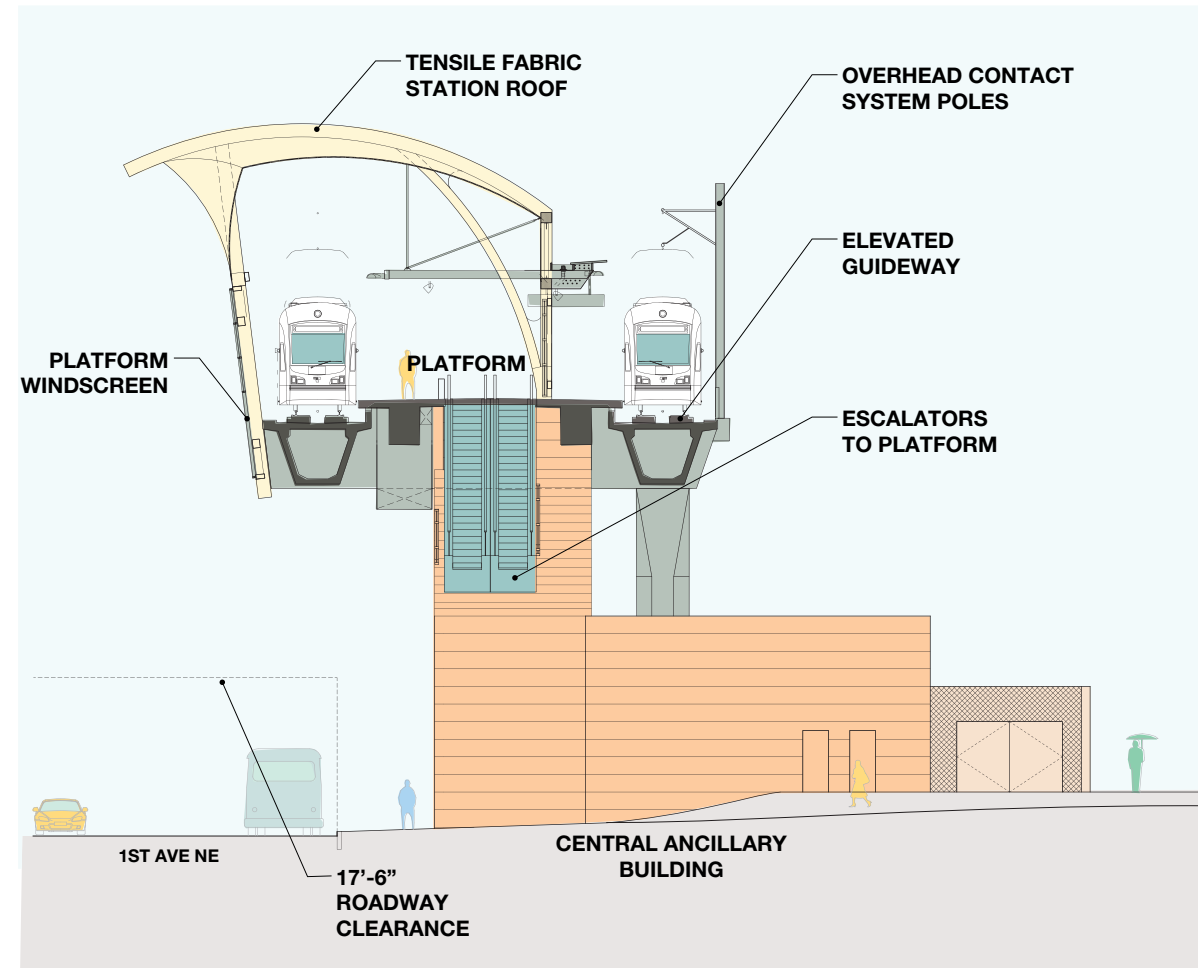
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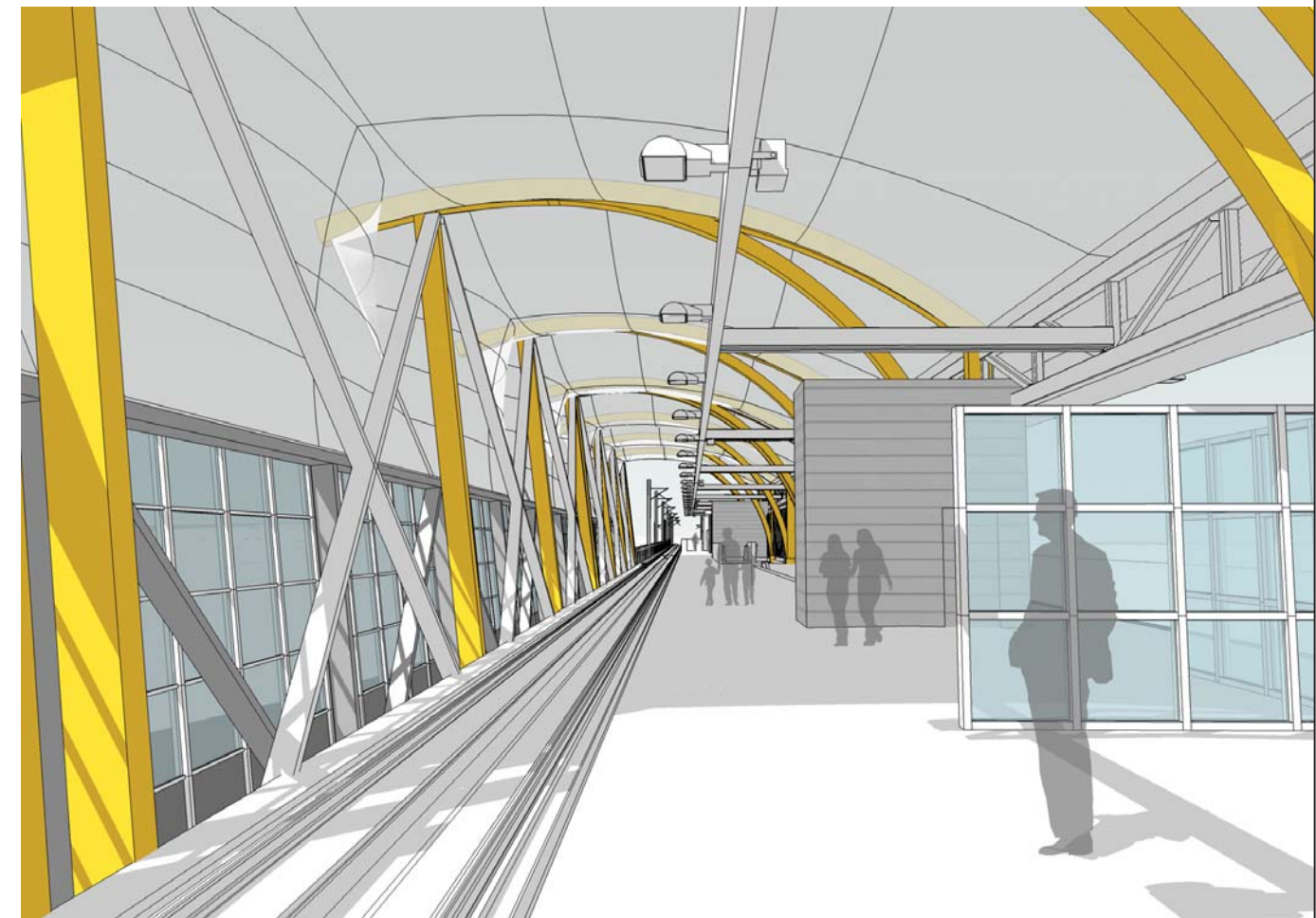
# NORTHGATE STATION

## ROOF ALTERNATIVE 1

### NORTH LINK



Cross Section B



Interior Perspective

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 **SOUNDTRANSIT**

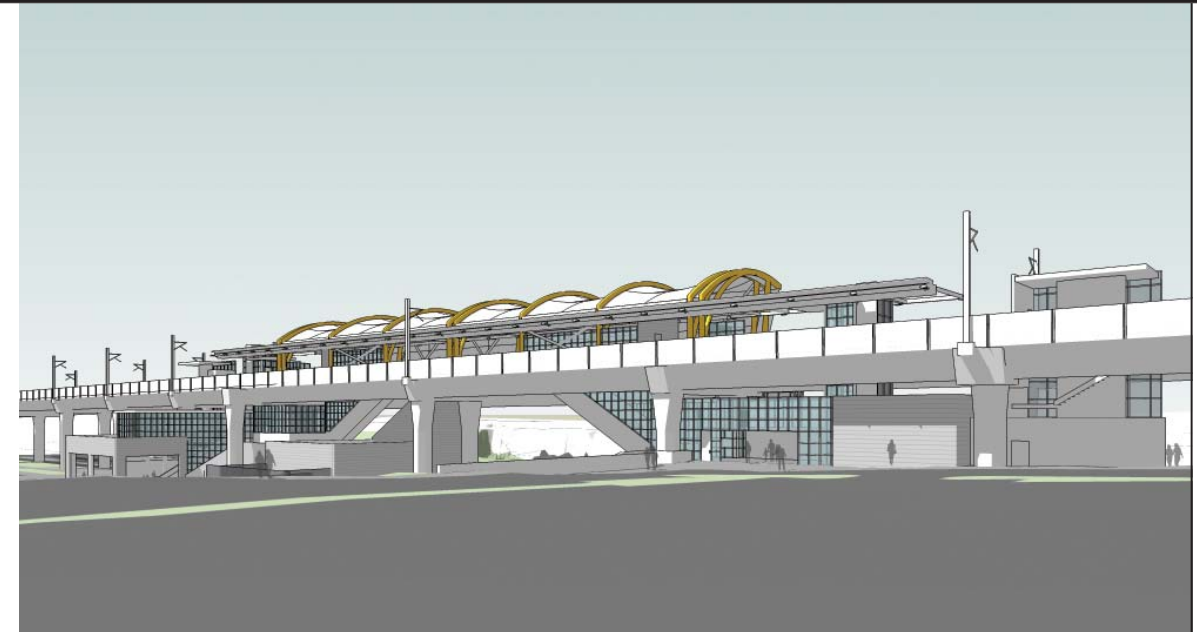
# NORTHGATE STATION

## ROOF ALTERNATIVE 1

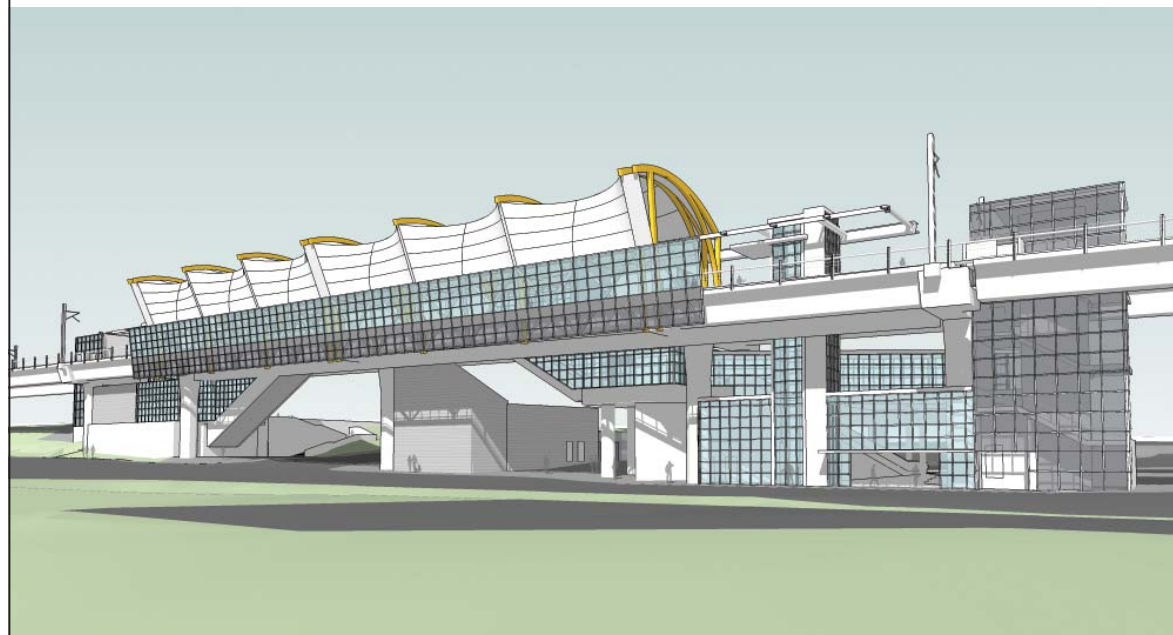
### NORTH LINK



Perspective View looking SE



Perspective View looking SW



Perspective View looking NE



Perspective View looking NW

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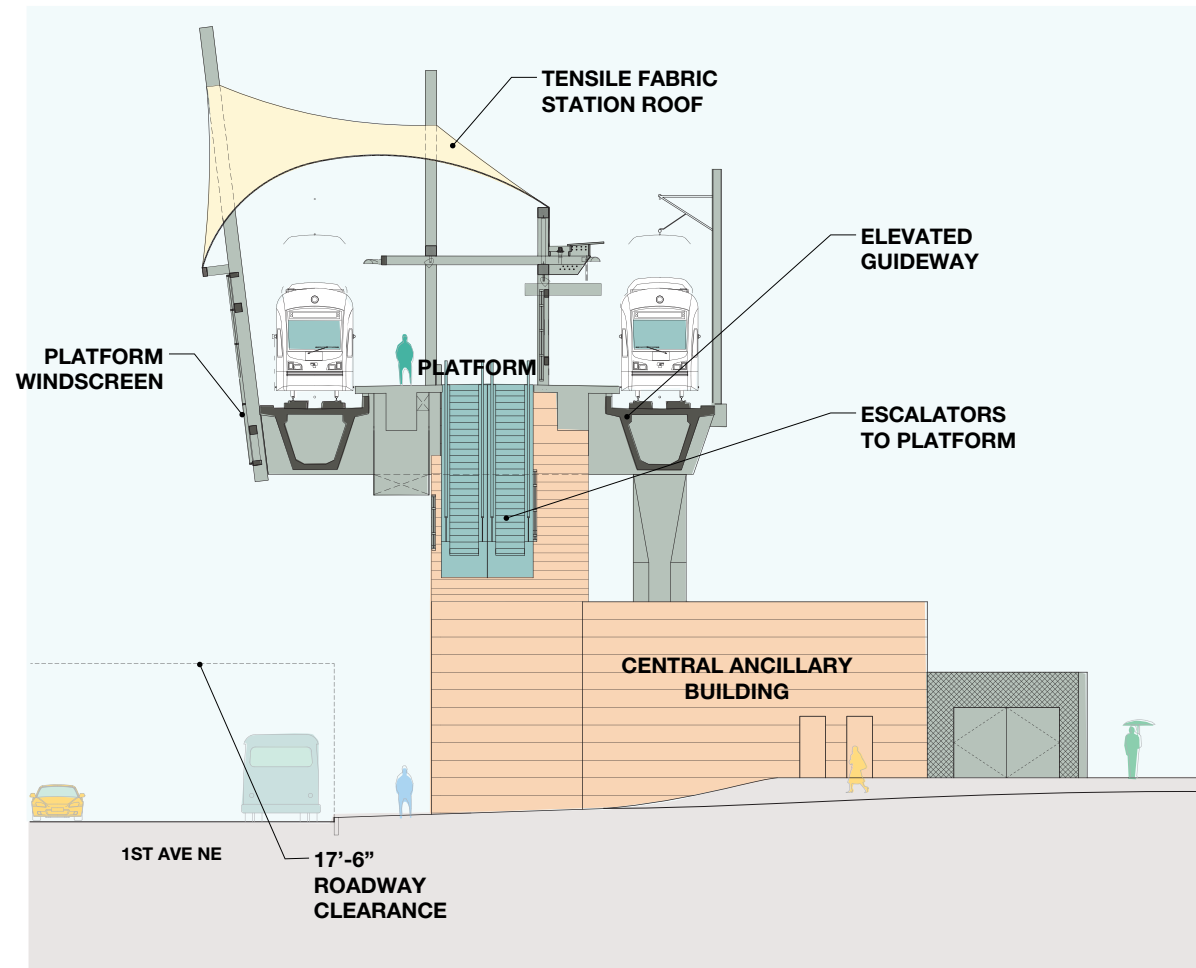
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CENTRAL PUGET SOUND REGIONAL TRANSIT AUTHORITY

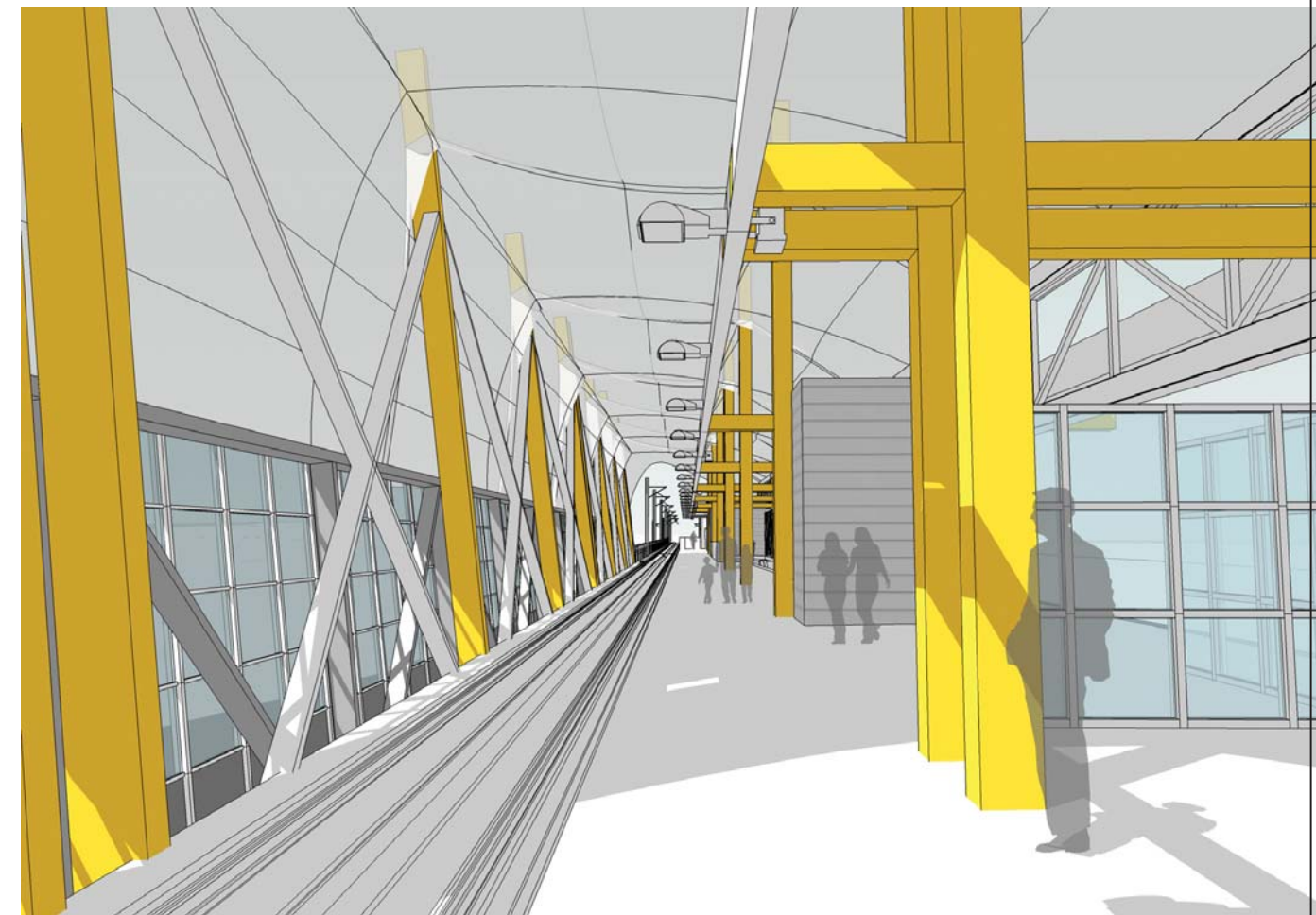
# NORTHGATE STATION

## ROOF ALTERNATIVE 2

### NORTH LINK



Cross Section B



Interior Perspective

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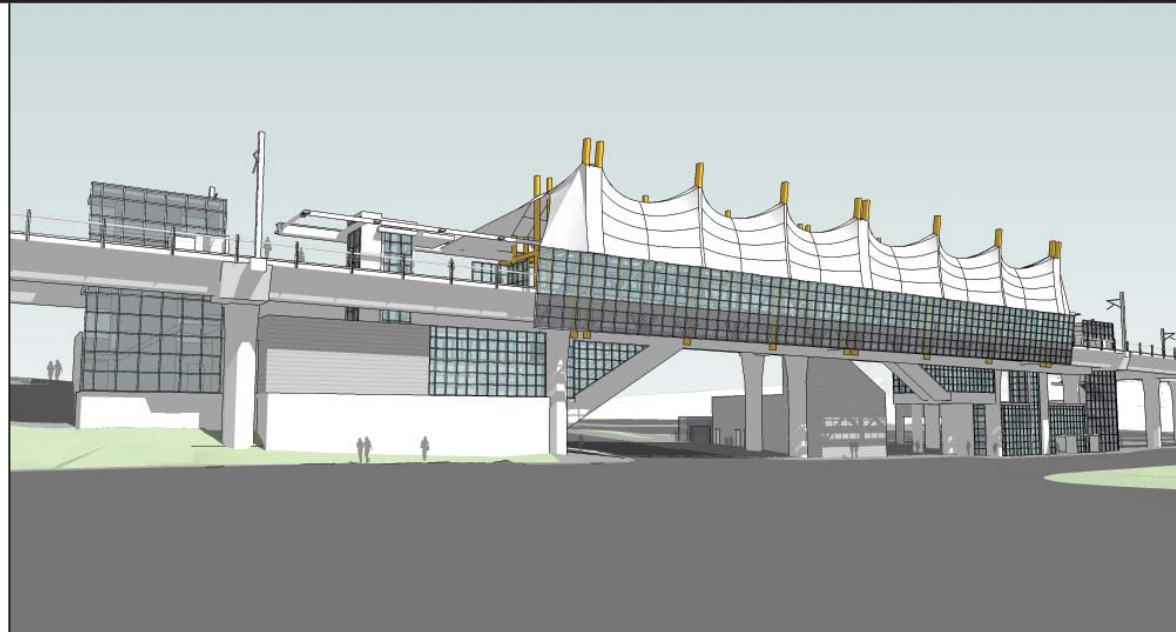




# NORTHGATE STATION

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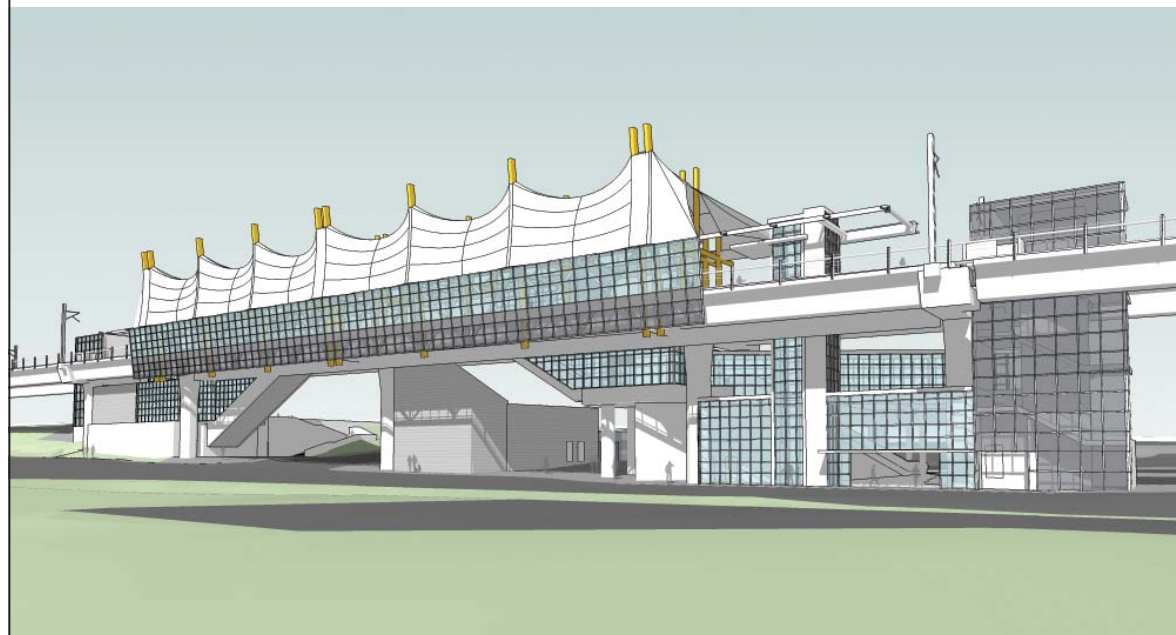
### NORTH LINK



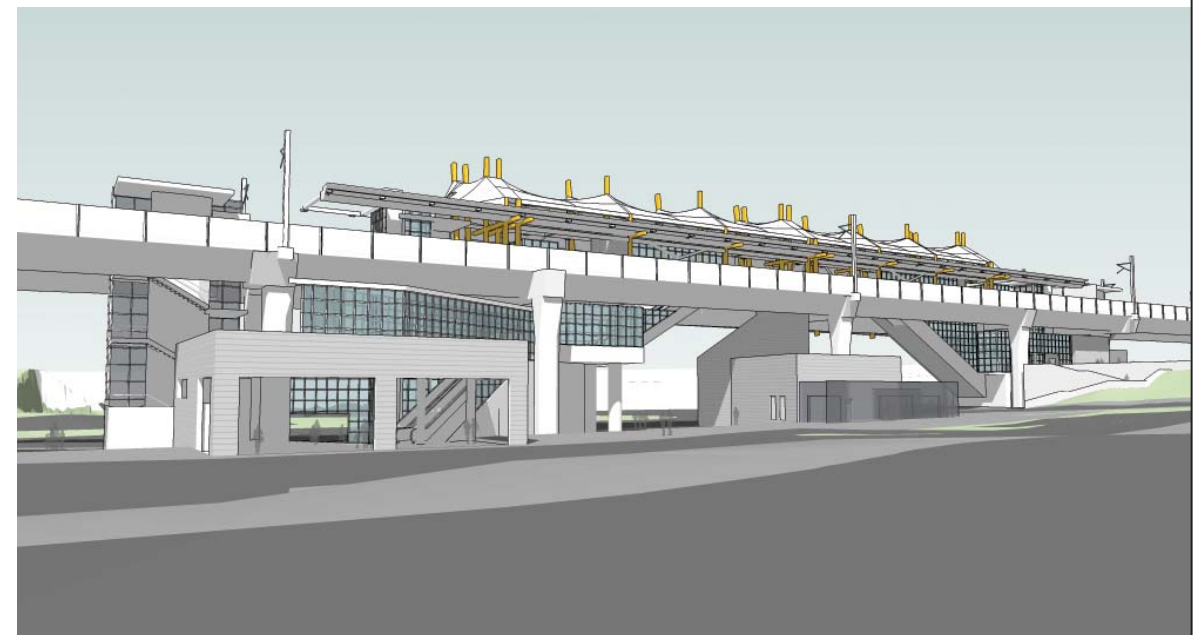
Perspective View looking SE



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

