Tacoma Amtrak Cascades Station

Relocation to Freighthouse Square

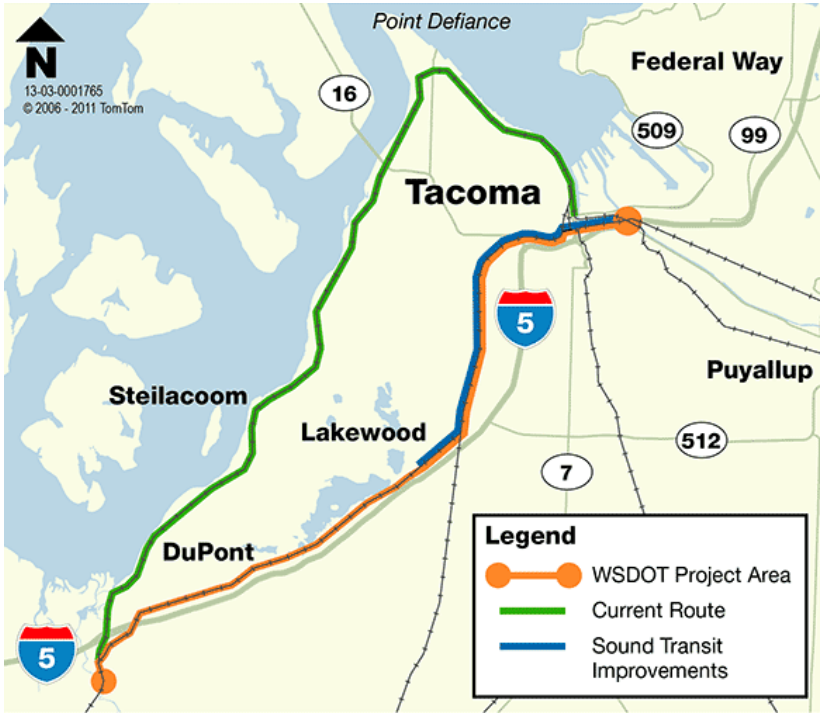
Pre-Advertisement Meeting

February 12, 2016

Washington State Department of Transportation

Tacoma Point Defiance Bypass project

- New 19.5 mile inland bypass route for less congestion, quicker trips
- 14.5 miles of new and upgraded tracks
- Five reconstructed crossings with advanced warning and signal systems
- New crossovers and turnouts to reduce passenger train congestion
- Three railroad bridges rehabilitated; a fourth re-constructed
- New, 700-foot trestle platform extension (in conjunction with Sound Transit)
- New Tacoma station



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PROJECT DESCRIPTION AND SCOPE OF WORK

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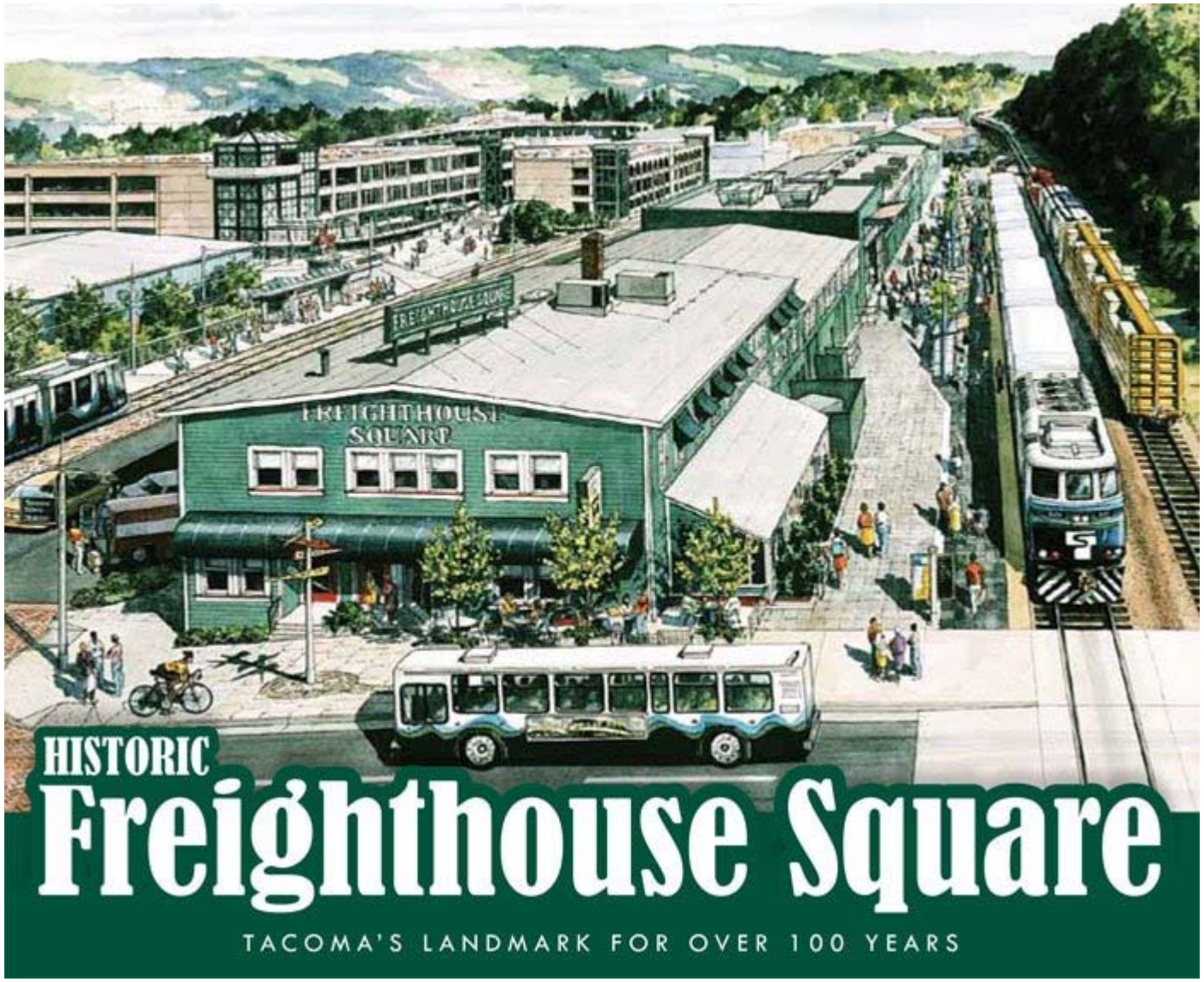
Project Overview



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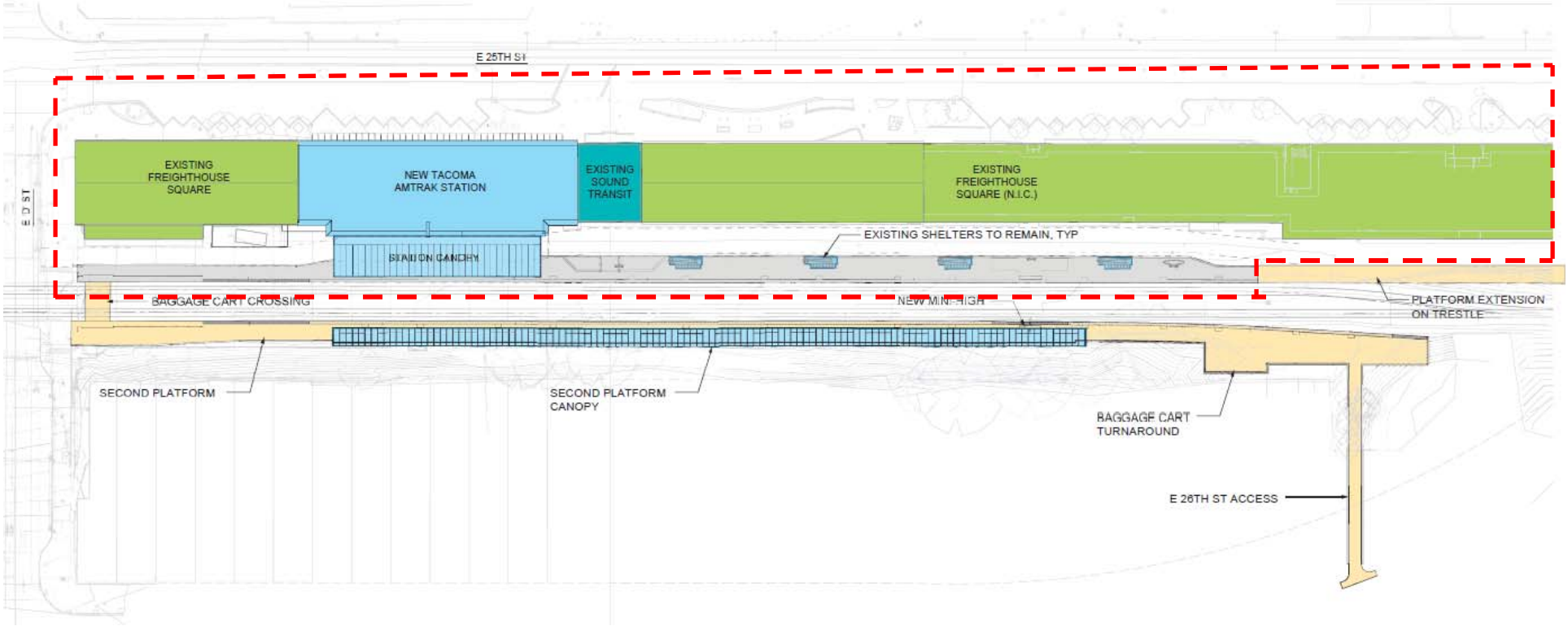
Project Overview



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Project Overview

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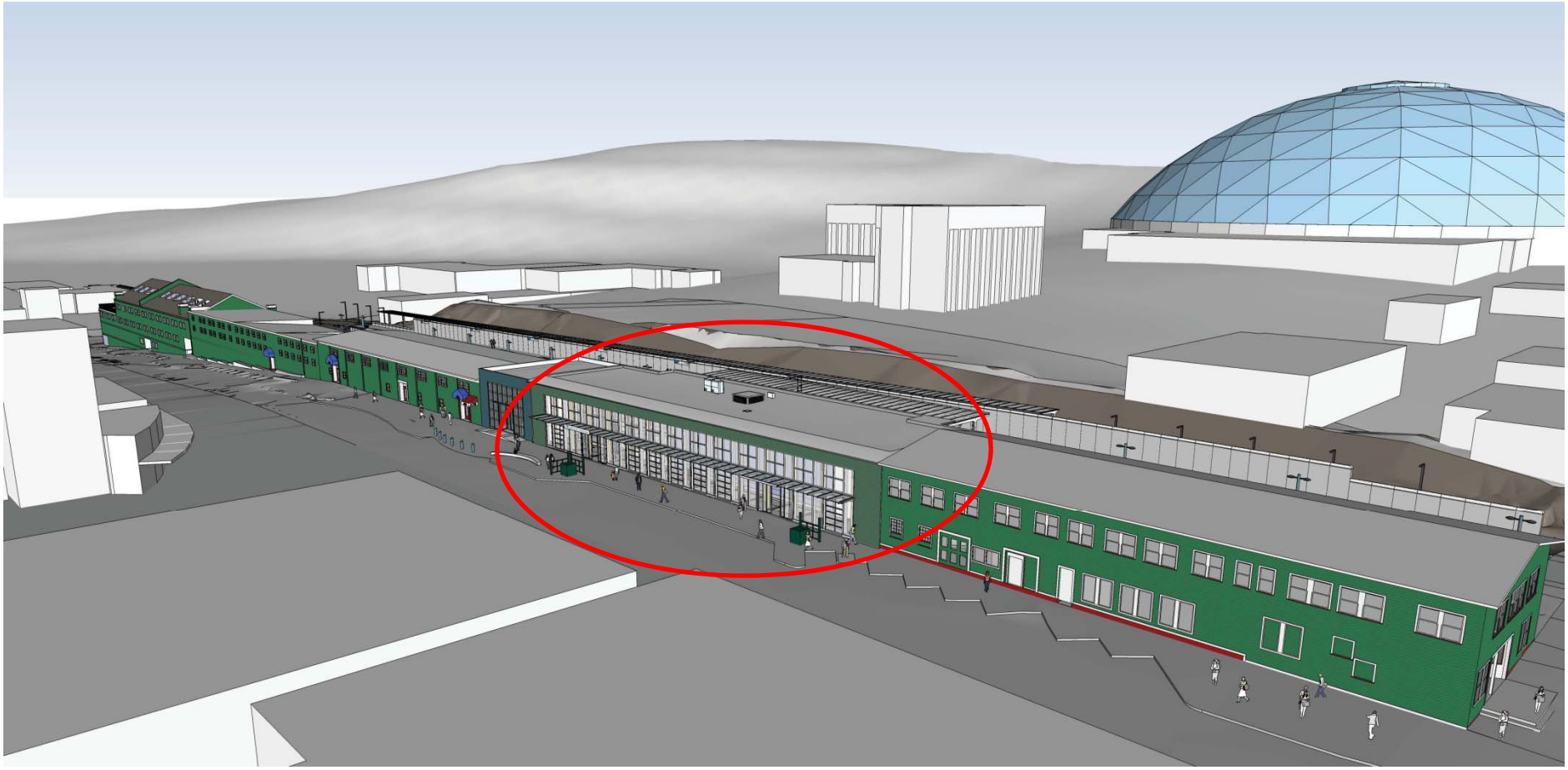

MAJOR COMPONENTS OF THE PROJECT:

1. Structural, electrical, and civil demolition
2. FHS renovation work
3. Building construction
4. New civil work – platform and street side
5. Interface with Tacoma Trestle contract
6. LEED

1. Freighthouse Square – Existing/Demolition

East 25th Street looking east

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1. Freighthouse Square – Existing/Demolition

FHS North façade + Sounder Station

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1. Existing Platform/Demolition

Existing North Platform

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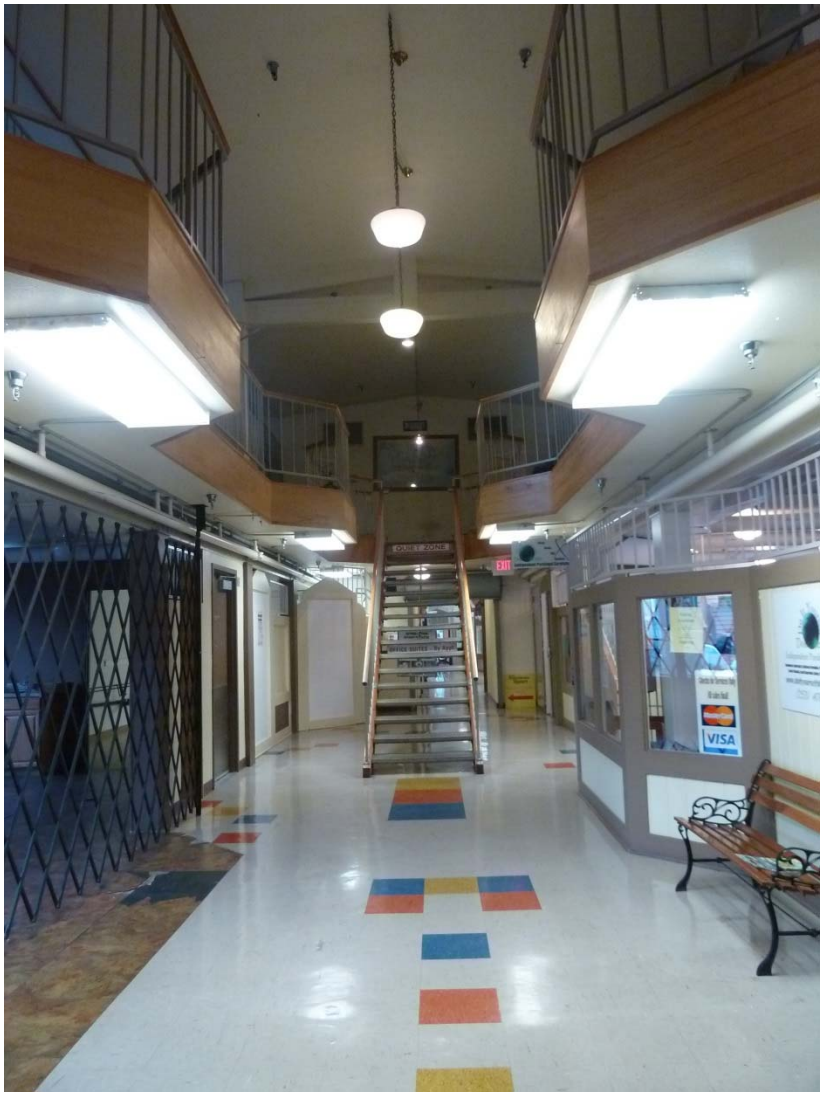
1. Freighthouse Square – Interior/Demolition



Existing FHS Interiors:
- structural, mechanical, electrical demolition

1. Freighthouse Square – Ongoing Operations

Sound Transit Sounder
Commuter Rail Station

Food Court

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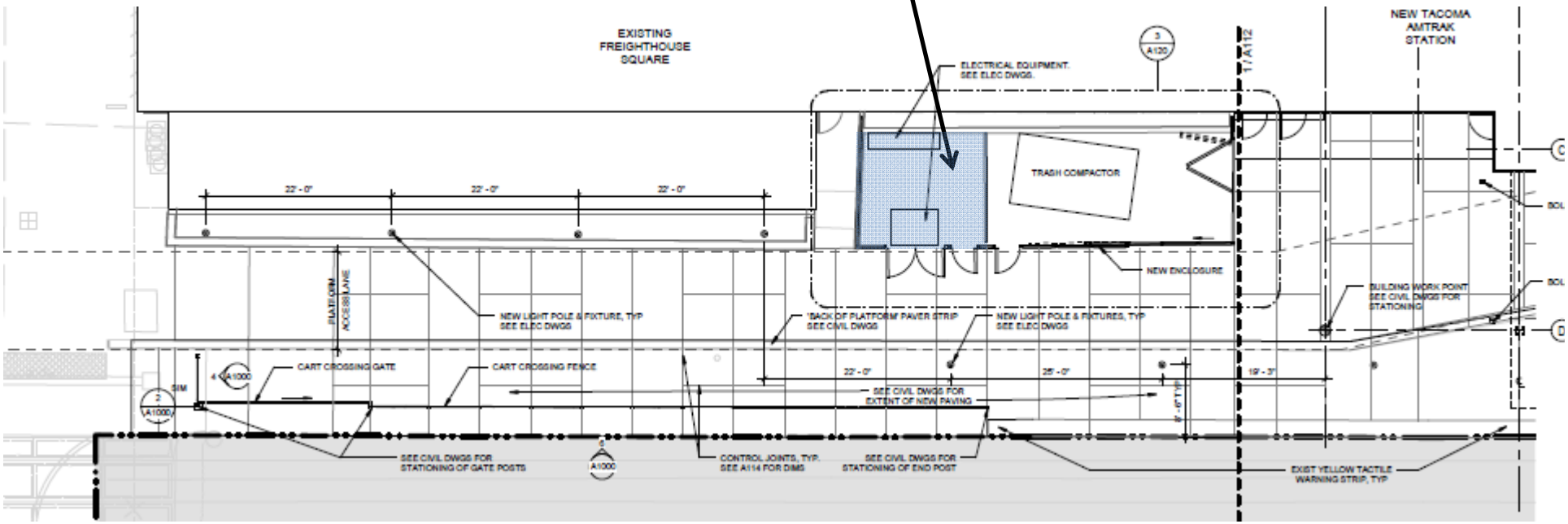
1. Demolition – Contaminated Materials Removal

1. Freighthouse Square – Electrical Demolition

Existing FHS
West interface

2. Freighthouse Square -- Electrical

New transformer supplying power to existing Sounder Station and new Amtrak Station



2. Freighthouse Square Renovation Work

Maintain safe egress conditions for FHS West

- Rebuild exit stair
- Install new egress doors at platform side

Electrical work

Sprinkler work

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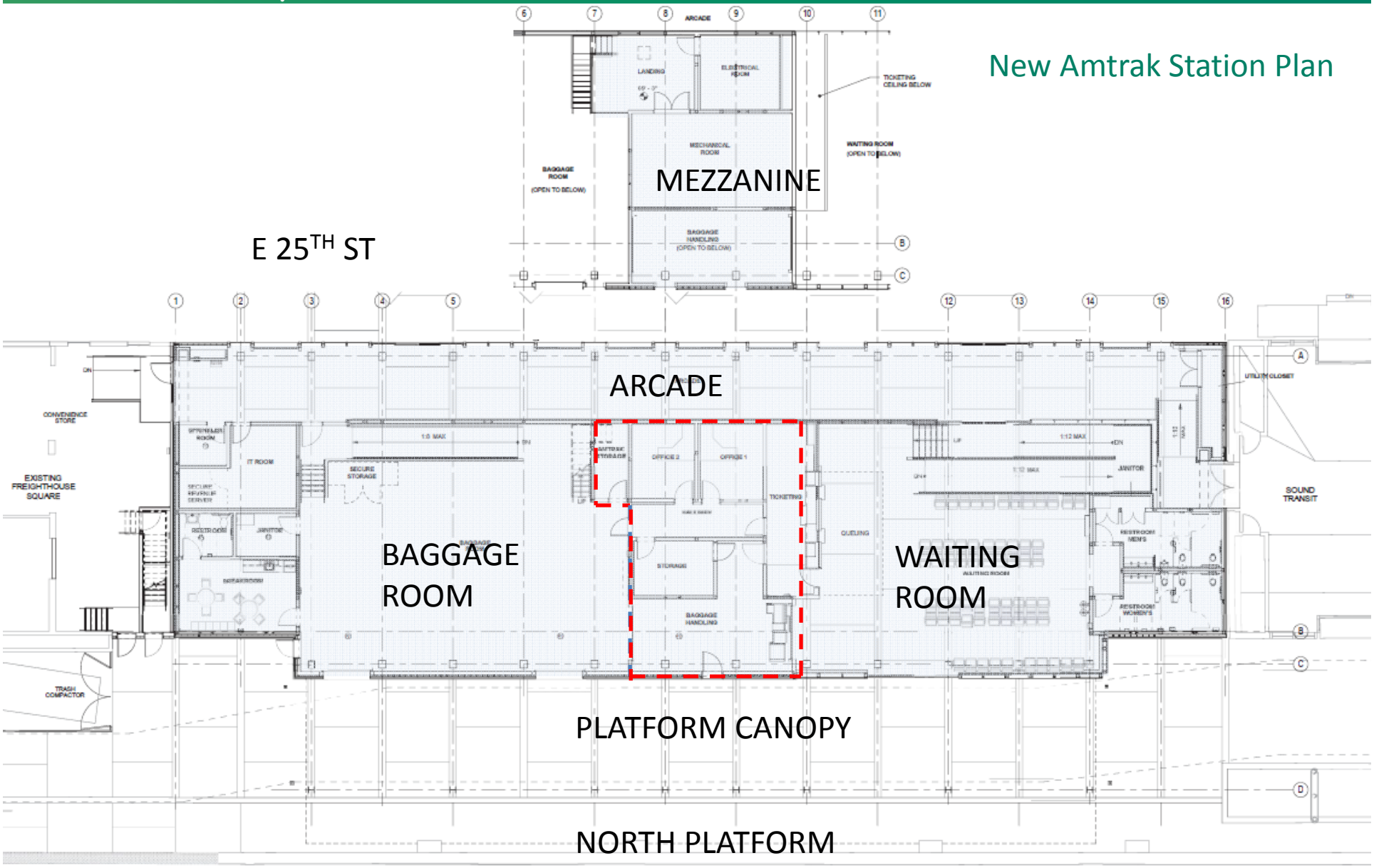
3. Building Construction

New Amtrak Station Plan



3. Building Construction

Major Building Systems:

- Slab on grade
- Mass timber construction (glulam and CLT)
- Envelope – curtain wall, high quality glazing, vertical lift doors, sliding entrance systems, wood siding, metal panel cladding
- Finishes -- terrazzo, suspended wood ceilings, large format tile, plastic resin paneling
- Mechanical systems -- hydronic heating system, air handling system, ceiling fans
- Plumbing, fire protection
- Electrical and data systems

3. Building Construction

East 25th Street looking west

3. Building Construction

Amtrak Station Arcade

3. Building Construction

Amtrak Station Waiting Room

3. Building Construction

Amtrak Station Waiting Room

3. Building Construction

Station Canopy at North Platform

4. New Civil Work - Platform

FULL PLATFORM RECONSTRUCTION AREA

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4. New Civil Work -- Platform

North platform looking west

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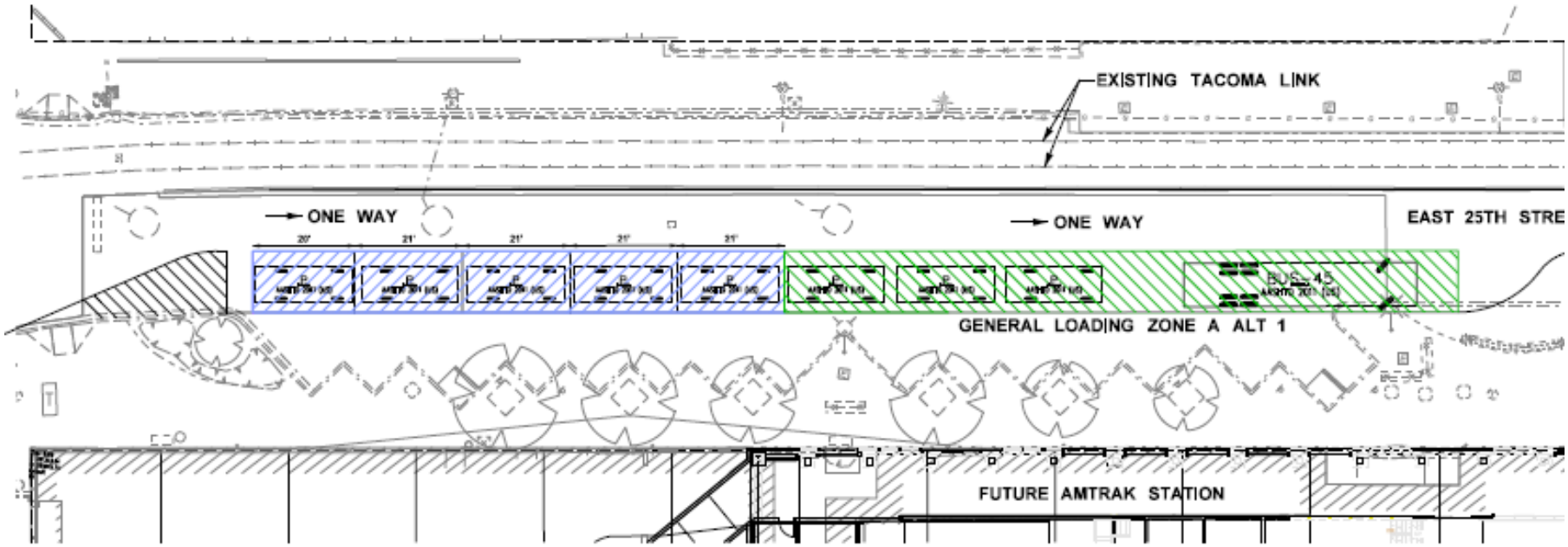
4. New Civil Work -- Platform

Second Platform looking east

4. New Civil Work – East 25th Street

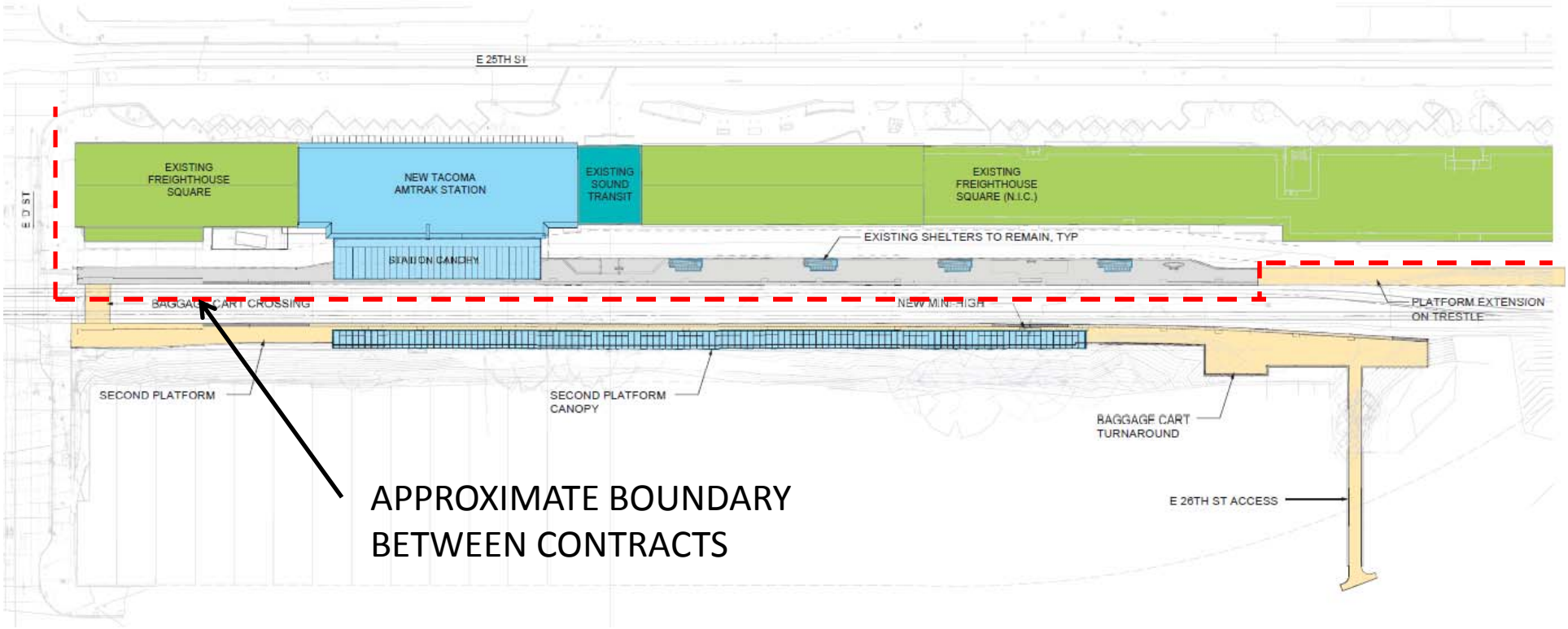
East 25th Street looking east

4. New Civil Work – East 25th Street



East 25th Street Plan

5. Interface with Tacoma Trestle Project



Interface items:

- Electrical and data
- Signage
- Baggage cart fence + gates
- Casings/vaults
- Sidewalk
- FHS Alleyway access

6. LEED

Project will be built as a “LEED-like” facility:

- LEED Silver target level
- Same sustainability performance as a formally certified facility
- Same sustainable materials, construction practices, submittal process
- Different certification process

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Questions