



# 3<sup>rd</sup> & Yesler Safety Improvements

Pioneer Square Preservation Board briefing

# Core Team



**Ian Macek**  
Project Owner and  
Project Developer



**Laurentiu Dusciuc**  
Project Engineer



**Matthew Howard**  
Public Outreach Lead



**Alex Phillips-White**  
Project Manager

# Presentation Outline

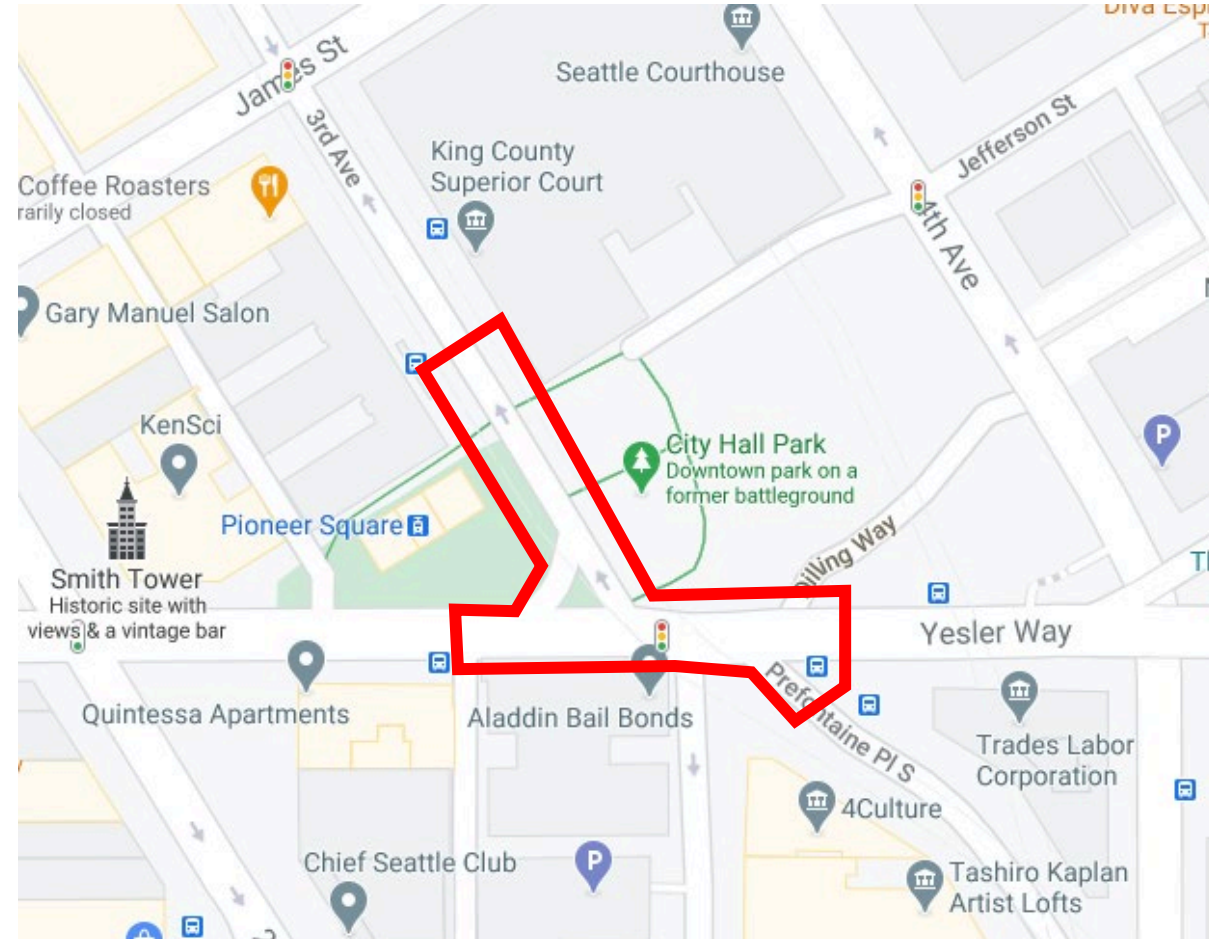
- Project Background
- Current Conditions
- Project Goals
- Scope and Schedule
- Questions and Discussion





# Background

- Part of One Center City Near-Term Action Plan
  - Co-funded by King County / Sound Transit / SDOT
- Public Life Study (2019)
- Interim Design (2022)
  - Paint and post to reduce crossing distances, create more space for pedestrians, and help buses move more efficiently
- Permanent Design (now)



# Project Goals

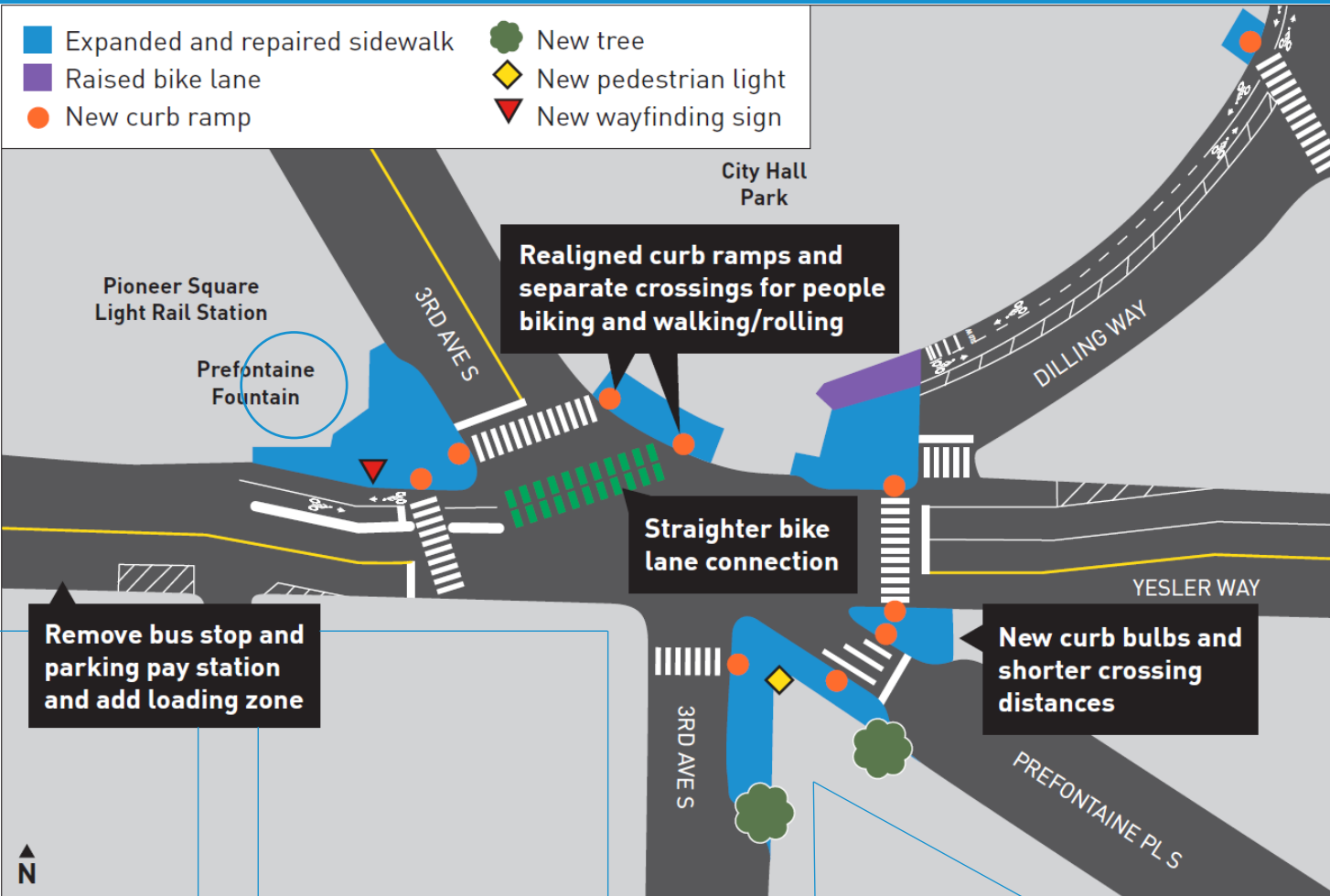
## Expand pedestrian space

- Widen sidewalk at NW corner into slip lane and along Prefontaine Fountain
- Formalize interim curb bulbs
- Address tree root upheaval
- Explore opportunities to add trees

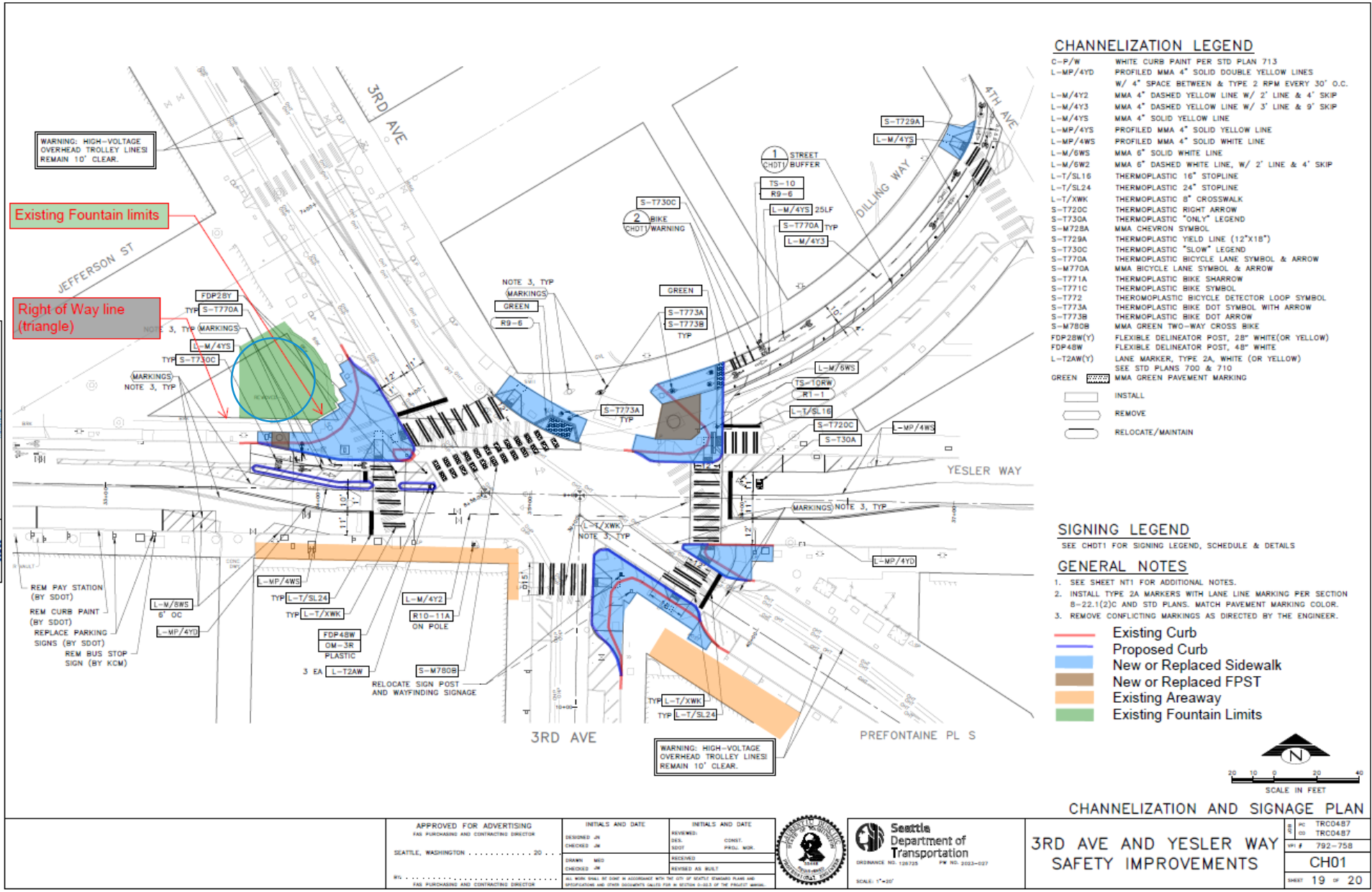
## Improve bike and pedestrian crossing

- Straighten and separate bike and ped crossing
- Install bike signals

Art element to be explored as standalone project in coordination with adjacent Fortson Square



# Sidewalks and curb lines

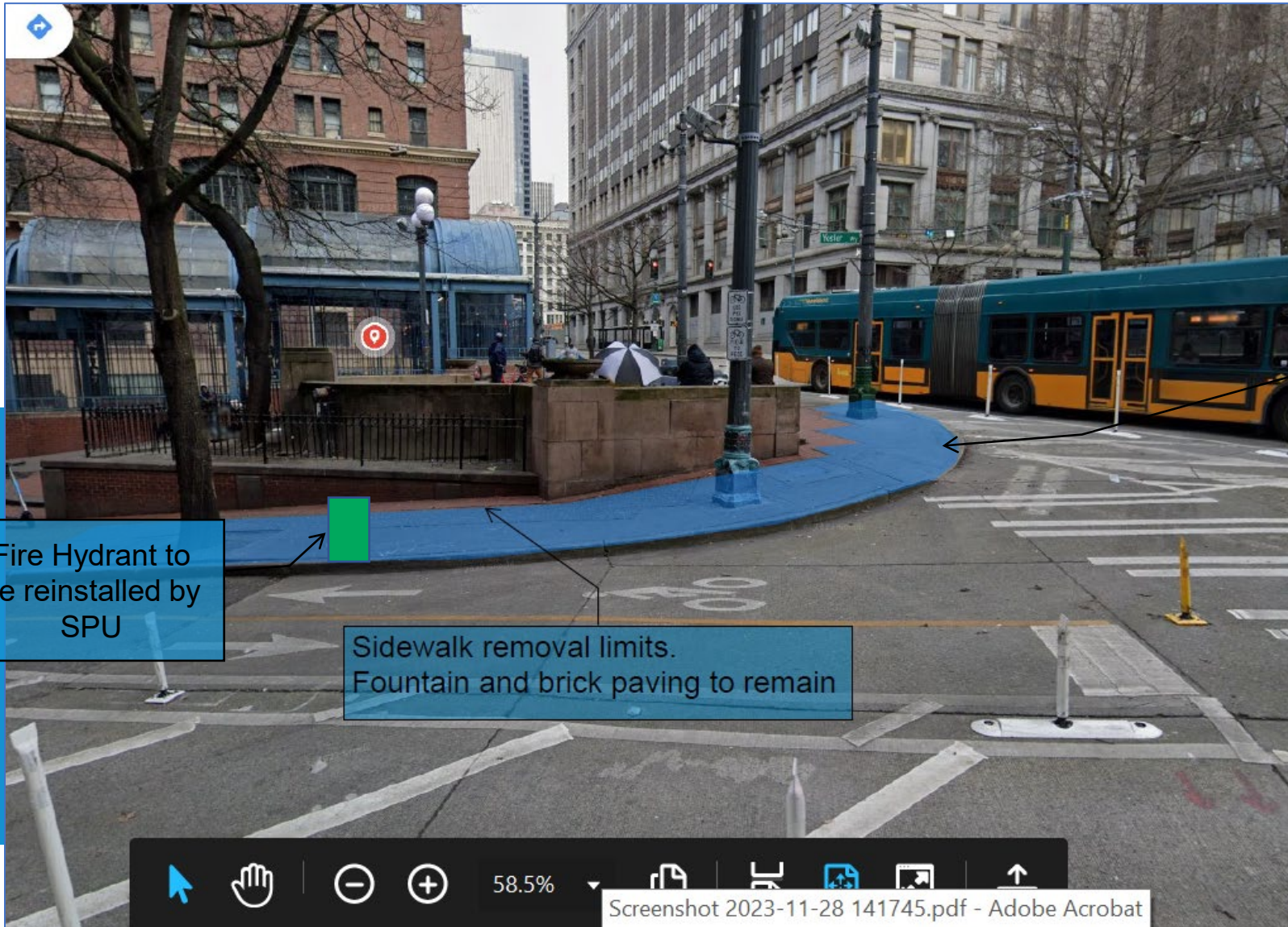


Detectable warning strip example in Board preferred material and color

- Notes:**
- Remove slip lane with permanent curb bulb
  - Align and shorten crossings
  - Concrete bike buffer
  - No granite curbs in project limits
  - Cast Iron Detectable Plate at Ramps

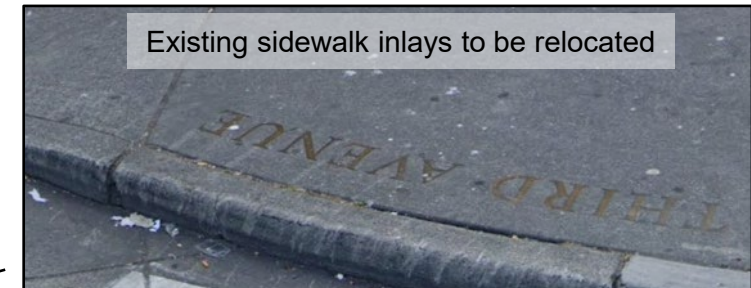


# Fountain and surrounding bricks



Fire Hydrant to be reinstalled by SPU

Sidewalk removal limits. Fountain and brick paving to remain



## Notes:

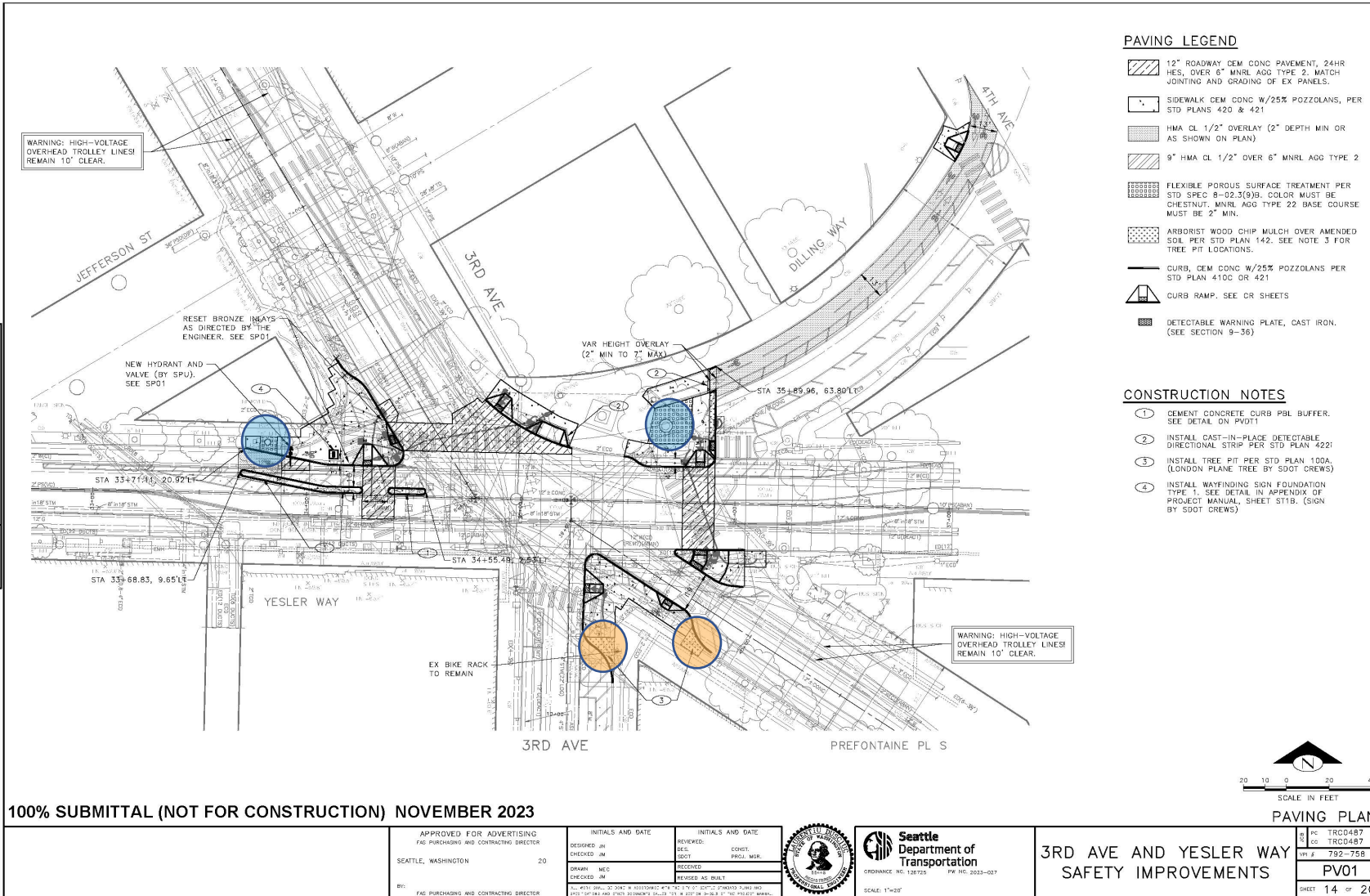
- No impact to Prefontaine Fountain or brick sidewalk; no granite curbs in project
- Existing street trees and light poles to remain
- Street name inlays to be relocated to new sidewalk curb line
- Fire hydrant to be reinstalled by SPU



# Street trees



FPST example in Board preferred Chestnut color

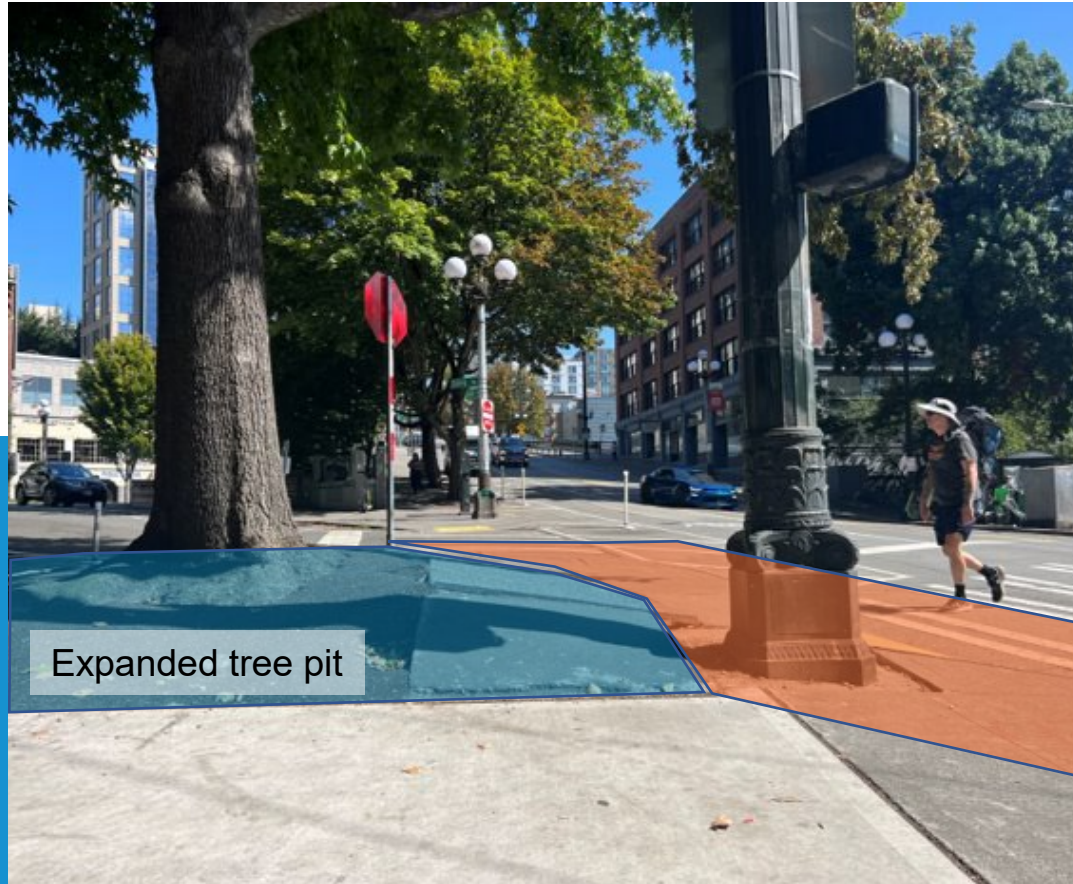


**Notes:**

- Flexible Porous Surface Treatment (FPST) to adhere to preferred District color
- Blue dot = install FPST around existing trees
- Yellow dot = new street tree



# Street tree by City Hall Park



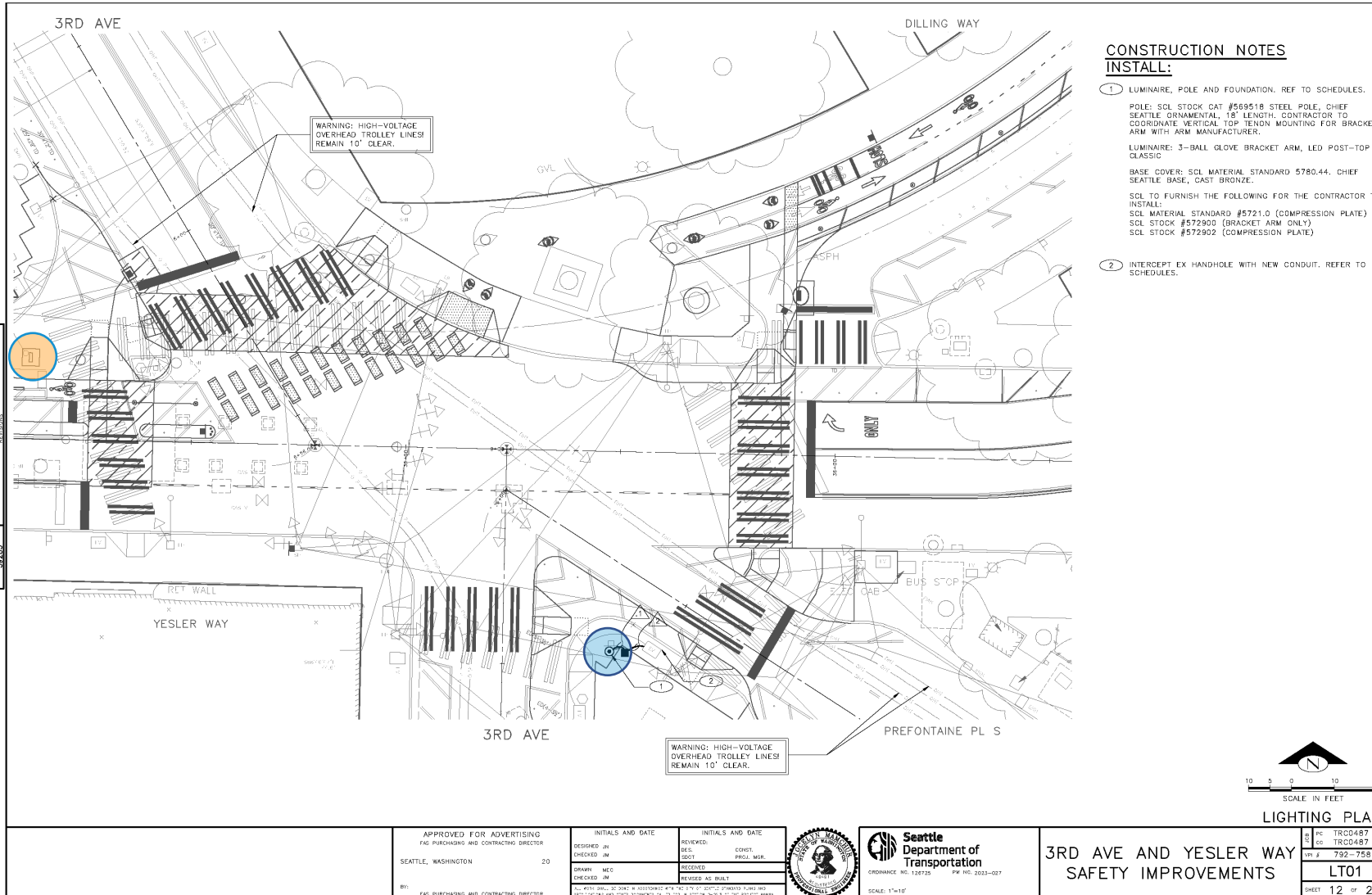
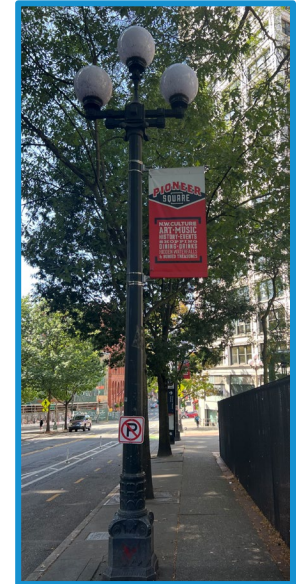
\*Depictions not to scale



# Street furniture

Wayfinding sign

Pedestrian light

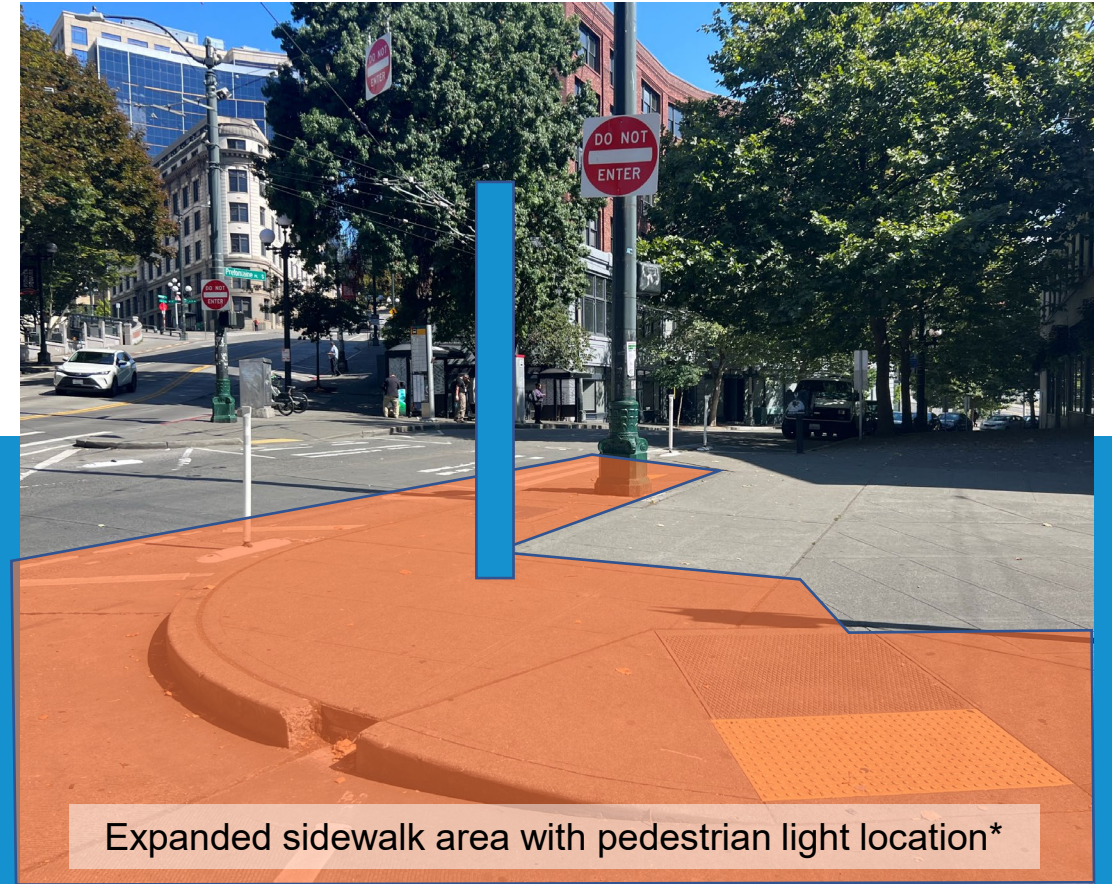


**Notes:**

- Yellow dot = new wayfinding sign
- Blue dot = new light pole



# Street furniture



\*Depictions not to scale

# Lighting detail

**SCL SOURCE (SERVICE TAP POINT)**  
SCL CONSTRUCTION STANDARDS 1714.10, 1714.50, 1716.07, 1730.00  
SCL MATERIAL STANDARDS 6010.00

**SECTION - SCL SOURCE (SERVICE TAP POINT)**  
SCALE: NTS

**444 ELECTRIC VAULT PRIMARY SERVICE**  
SCL CONSTRUCTION STANDARDS 1714.10, 1714.50, 1716.07, 1730.00  
SCL MATERIAL STANDARDS 5732.03, 6780.46, 7203.26  
COS STANDARD PLAN 550a

**STREETLIGHT DISTRIBUTION HANDHOLE/MANHOLE**  
SCL CONSTRUCTION STANDARDS 1714.10, 1714.50, 1716.07, 1730.00  
SCL MATERIAL STANDARDS 6010.00, 6780.46  
COS STANDARD PLAN 550a

**STREETLIGHT HANDHOLE**  
SCL CONSTRUCTION STANDARDS 1714.10, 1714.50, 1716.07, 1730.00  
SCL MATERIAL STANDARDS 6122.3, 6404.45

**DECORATIVE LIGHT POLE**  
SCL CONSTRUCTION STANDARDS 1714.10, 1714.50, 1716.38  
SCL MATERIAL STANDARDS 5721.0, 5780.44, 6404.45

**SECTION - ELECTRIC VAULT, PRIMARY SERVICE**  
SCALE: NTS

**SECTION - STREETLIGHT DISTRIBUTION HANDHOLE**  
SCALE: NTS

**SECTION - STREETLIGHT HANDHOLE**  
SCALE: NTS

**SECTION - DECORATIVE LIGHT POLE**  
SCALE: NTS

**GENERAL NOTES**

- ALL LIGHTING SYSTEM COMPONENTS SHALL BE PER SCL CONSTRUCTION STANDARD 1714.50.
- SCL STANDARDS LISTED ON THIS SHEET ARE ENCOMPASSED IN SCL CONSTRUCTION STANDARD 1714.50. ADDITIONAL SCL STANDARDS NOT LISTED MAY APPLY.
- SCL STANDARDS CAN BE FOUND AT THE SEATTLE CITY LIGHT WEBSITE.
- SEE SCL CONSTRUCTION STANDARD 1714.50 FOR ADDITIONAL #4 GROUND IN HANDHOLES AND UNDER ALL CONDUITS.
- SEE LIGHTING DIAGRAMS ON DRAWING E-07 FOR HANDHOLE, CONDUIT AND WIRE SIZING.

SEATTLE CITY LIGHT STANDARD REFERENCES		
TYPE	NO.	TITLE
(COS STANDARD PLAN)	550a	HANDHOLES
CONSTRUCTION	1714.10	STREETLIGHT CIRCUIT TAGGING AND IDENTIFICATION
CONSTRUCTION	1714.50	UNDERGROUND STREETLIGHT SYSTEMS
CONSTRUCTION	1716.07	STREETLIGHT HANDHOLE AND CONDUIT REQUIREMENTS
CONSTRUCTION	1716.38	STREETLIGHT POLES, CHIEF SEATTLE, FOUNDATION, BASE, AND COLLAR INSTALLATION
CONSTRUCTION	1730.00	STREETLIGHT FUSING SCHEDULE, INDIVIDUAL
MATERIAL	5721.0	COMPRESSION PLATE FOR THREE GLOBE LUMINAIRE
MATERIAL	5732.03	LIGHTING CONTACTOR CONTROLLER
MATERIAL	5780.44	CAST BRONZE STREETLIGHT BASES AND COLLAR ASSEMBLIES
MATERIAL	6010.00	600V COPPER, UNDERGROUND, SINGLE-CONDUCTOR CABLE
MATERIAL	6122.3	COPPER WIRE TYPE THWN THERMOPLASTIC POLYVINYL CHLORIDE
MATERIAL	6404.45	CABLE, STREETLIGHT, POLE AND BRACKET, 3/C, 600V
MATERIAL	6780.46	CONNECTORS, UNDERGROUND, MULTI-TAP, 600 VOLT
MATERIAL	7203.26	444 ELECTRIC VAULT, PRIMARY SERVICE

**Approved Street Use Division** **ChiemM 04/01/2022**

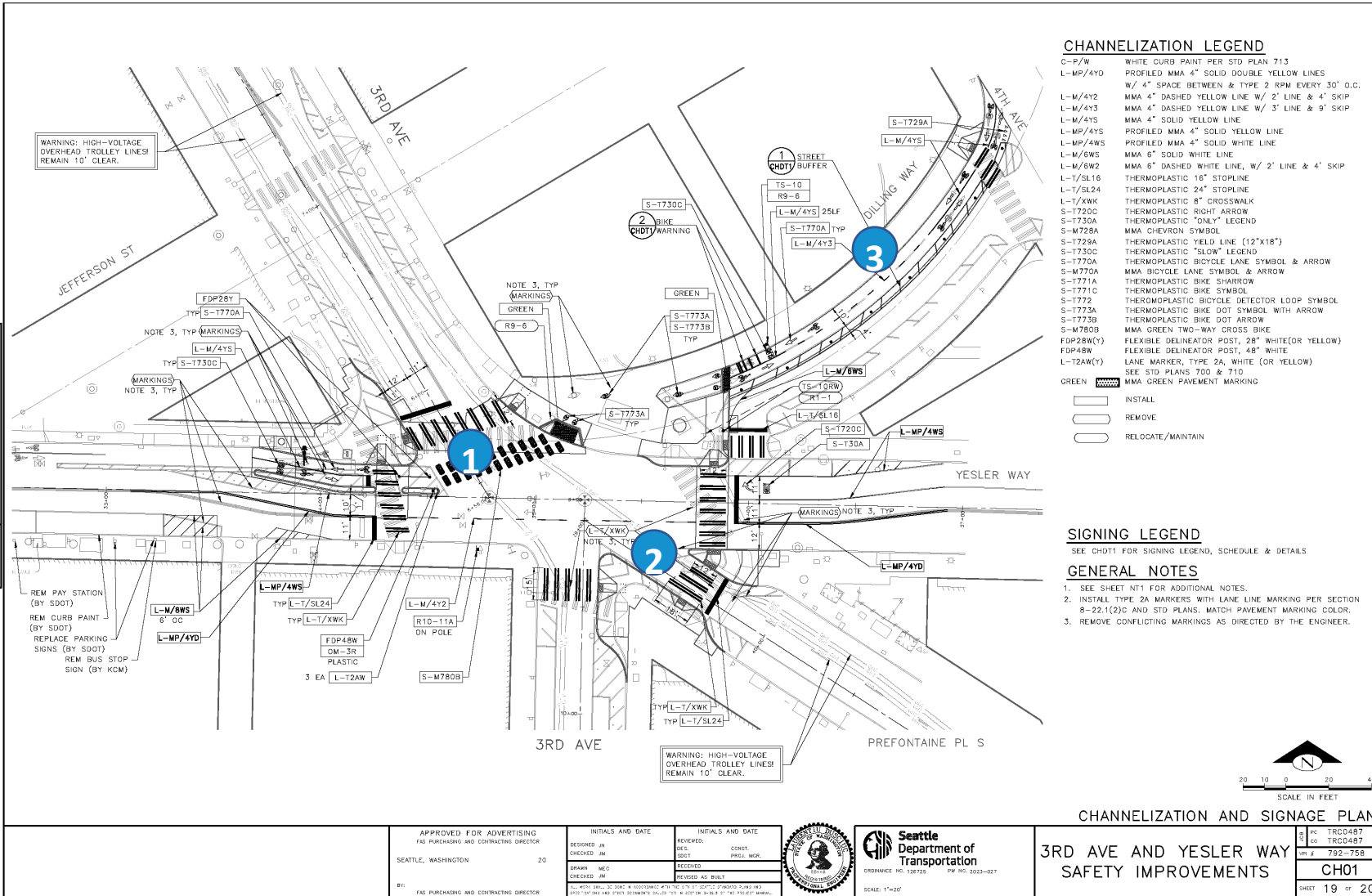
UWP NO. 412656

<b>ENDORSEMENTS</b>	<b>Seattle City Light Streetlight Engineering</b>	PROJECT TYPE STREETLIGHT CIP	SHEET 21 OF 21
SIGNATURE DATE		PROJECT NAME STREETLIGHT SYSTEM UPGRADE	WORK ORDER NO.-TASK
DRAWN: LFD 11/04/20		PROJECT ADDRESS 2ND AVE. & WASHINGTON ST. ELECTRICAL DETAILS	CITY SEATTLE
CHECK: DKS 11/04/20			DRAWING NO. REV. NO. E-09 0
APPROVED FOR SEATTLE CITY LIGHT			
PROJECT ENGINEER SHEET CONTENTS			
QUARTER/SECTION NUMBER(S) SECTION 7 TOWNSHIP 7 RANGE 6			

R:\4020-006.00\Uwp\A-E-09 3-25-22 04:18pm cmts



# Channelization



- Notes:**
1. Straighten and separate bike and pedestrian crossing
  2. Shorten and align all pedestrian crossings
  3. Pave and re-mark bike lanes on Dilling Way
  4. No changes to traffic lane configuration







# Initial Schedule

Phase	Completion
30% Design	Q1 2023
60% Design	Q2 2023
90% Design	Q3 2023
<b>100% Design</b>	<b>Q4 2023</b>
Ad/Bid	Q1 2024
Construction	Q2 2024

We are here!



# Questions?

## Stay in touch:



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206.376.2412





From the entire SDOT Team:  
**Thank you!**

