



3rd Ave S and S Main St Bus Stop Improvements

Early Guidance from Pioneer Square Preservation District



Agenda

- Project overview and background
- Review 60% design plan
- Schedule
- Outreach
- Discussion and feedback



Core Team



Janet Loriz
Project Manager



Jens Norman
Project Engineer



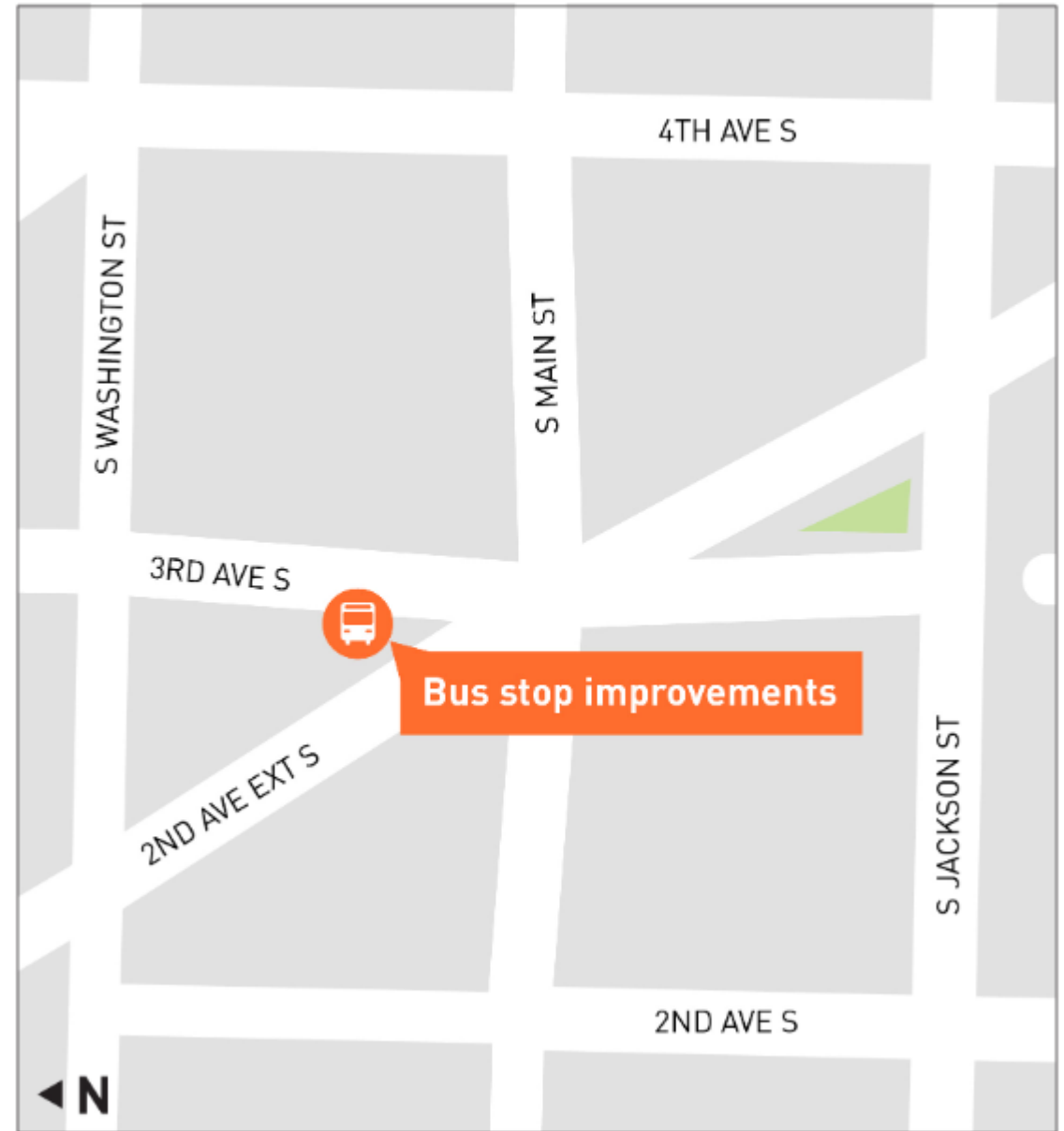
Candace Goodrich
Public Outreach Lead



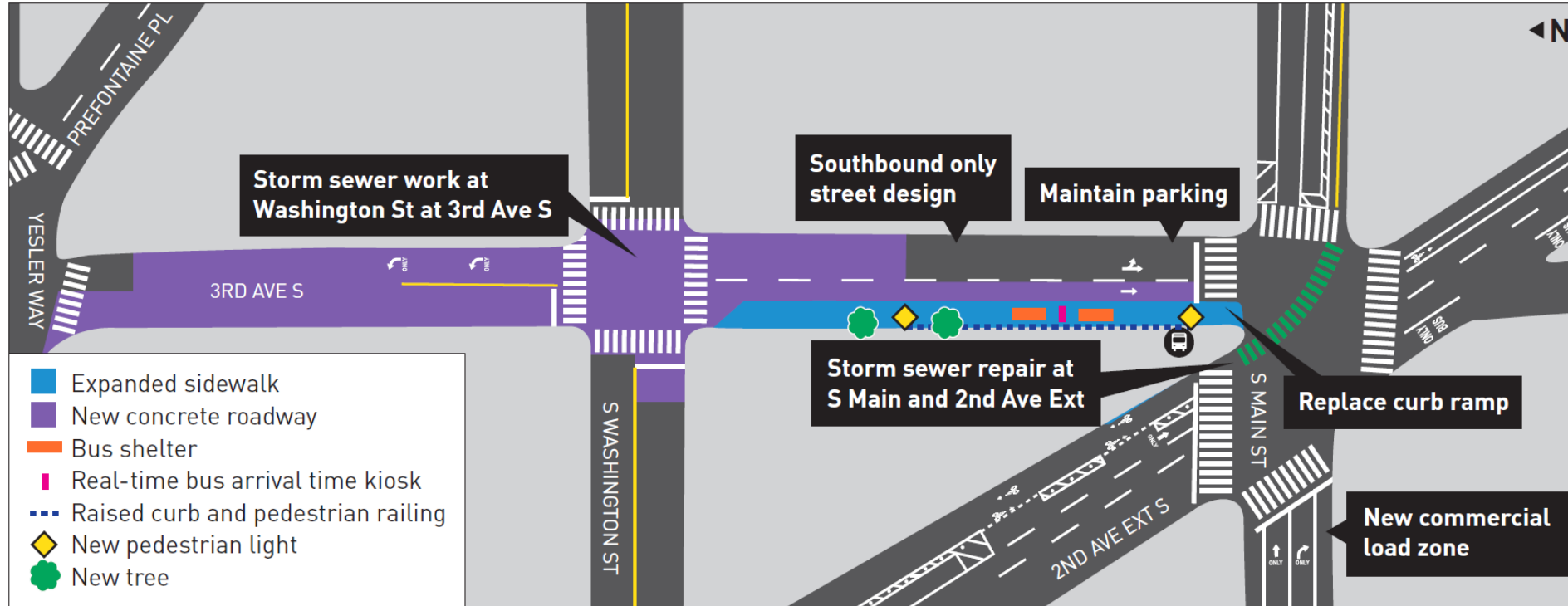
Ian Kowalski
Transit Capital Project
Manager

Background

- First identified as part of 3rd Ave Transit Corridor Improvement Project in 2015
- 10th busiest bus stop with 2,600 riders each weekday
- Existing stop lacks accessibility and design features of other stops on 3rd Ave
- Funded with FTA grants and local SDOT, Metro and SPU funding



60% Design Plan



- Widen sidewalks, add pedestrian lighting, improve drainage, plant new trees, re-channelization.
- Bus stop improvements: shelters, seating, real-time arrival info, ORCA card reader
- New concrete pavement between S Yesler St and S Washington St
- Maintain parking and change road to be southbound only
- Not impacting existing areaway, granite curb will remain in place
- Repair SPU's storm sewer

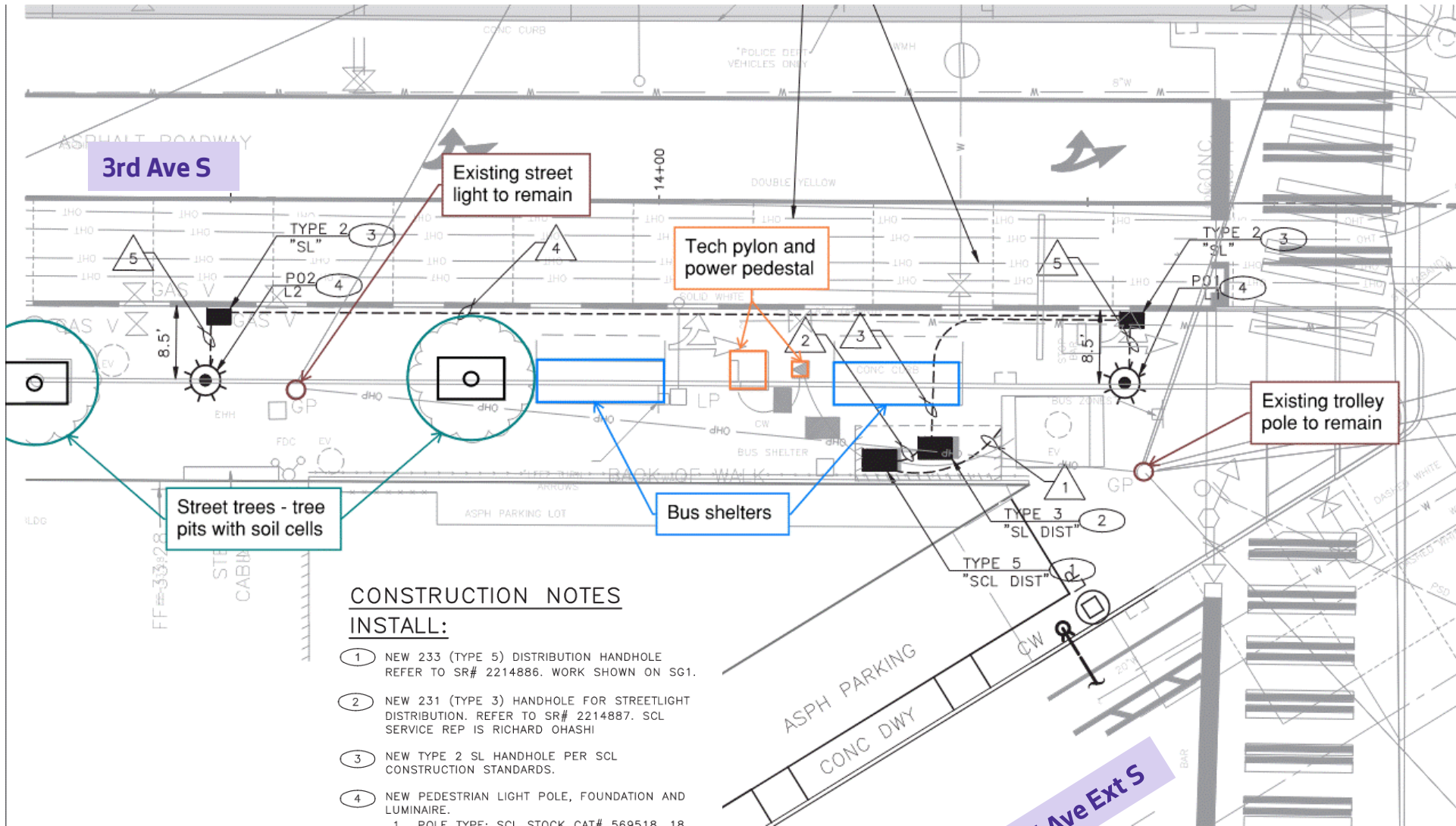
Pioneer Square Historic Elements

- **Street lighting** - three-globe Chief Seattle bronze base light fixtures
- **Sidewalk treatment** - one pound lamp-black per cubic yard of concrete, scored at two-foot intervals. There are no prism lights within the project impact area.
- **Street paving** - weaving coat of asphalt concrete.
- **Granite curbs** - granite curbs will remain in place.
- **Street furniture**
 - Bus shelter
 - Trash receptacle
 - RTIS sign
- **Street trees** - 2 trees and tree pits, with soil cells
- **Areaways** - project will avoid areaways and provide language in the project specifications to prohibit staging of materials or equipment on areaways and require the use of hand tools within five feet of the areaway.

Existing Conditions



Lighting Plan



S Main St



Street lighting example


CONSTRUCTION NOTES

INSTALL:

- 1 NEW 233 (TYPE 5) DISTRIBUTION HANDHOLE REFER TO SR# 2214886. WORK SHOWN ON SG1.
- 2 NEW 231 (TYPE 3) HANDHOLE FOR STREETLIGHT DISTRIBUTION. REFER TO SR# 2214887. SCL SERVICE REP IS RICHARD OHASHI
- 3 NEW TYPE 2 SL HANDHOLE PER SCL CONSTRUCTION STANDARDS.
- 4 NEW PEDESTRIAN LIGHT POLE, FOUNDATION AND LUMINAIRE.
 1. POLE TYPE: SCL STOCK CAT# 569518, 18 FT-12 SIDED
 2. LUMINAIRE: SCL STD# 5721.17 3-BALL GLOBE FIXTURE ARM. SCL STD #5724.15, GLOBE FIXTURE, 20-INCH
 3. POLE BASE COVER: SCL STD# 5780.44 CAST BRONZE STREETLIGHT BASES AND COLLAR ASSEMBLY

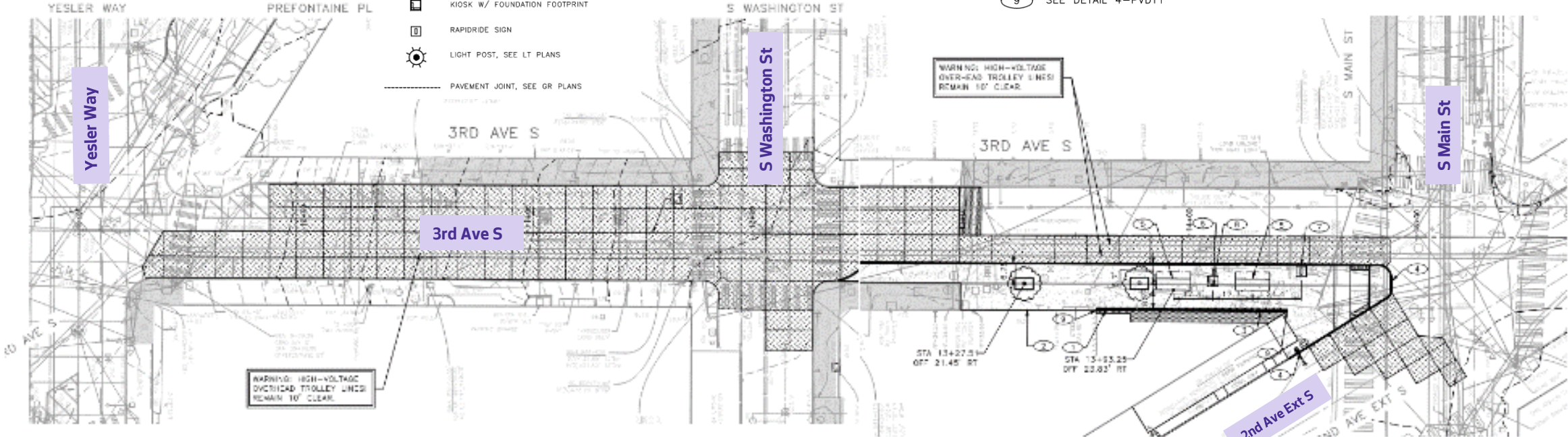
Paving Extents

LEGEND:

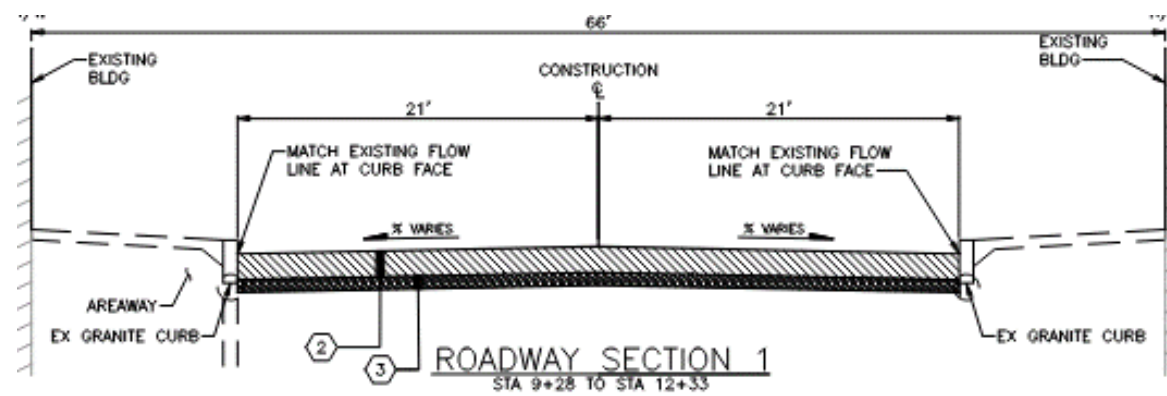
-  14" ROADWAY CEM CONC, HES (24HR), 14 IN OVER MNRL AGG TYPE 2, 6" COMPACTED DETPTH
-  2" HMA CL 1/2" OVER 4" MNRL PG 58H-22 OVERLAY
-  SIDEWALK, CEM CONC W/ 25% POZZOLAN PER COS STD PLAN 420
-  EXISTING AREAWAY TO REMAIN
-  CURB, CEM CONC TYPE 410C
-  5'X8' TREE PIT AND TREE
-  DETECTABLE WARNING PLATE PER COS STD PLAN 422A.
-  PEDESTRIAN RAILING PER STD PLAN 443
-  BUS SHELTER W/ FOUNDATION FOOTPRINT
-  KIOSK W/ FOUNDATION FOOTPRINT
-  RAPIDRIDE SIGN
-  LIGHT POST, SEE LT PLANS
-  PAVEMENT JOINT, SEE GR PLANS

CONSTRUCTION NOTES:

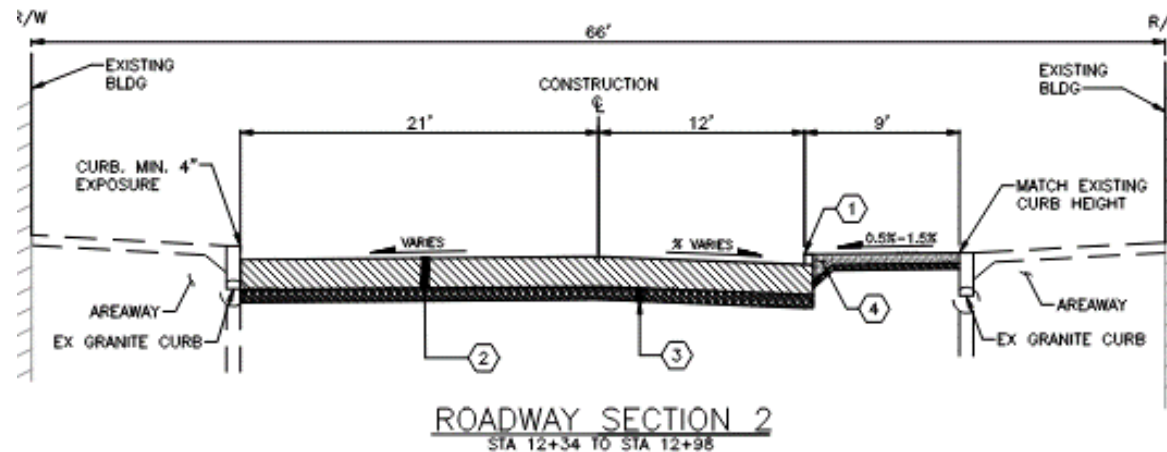
- ① INSTALL PEDESTRIAN RAILING PER STD PLAN 443
- ② SEE DETAIL 1-PVDT1
- ③ INSTALL PEDESTRIAN CURB PER DETAIL 2-PVDT1
- ④ INSTALL CURB PER DETAIL 3-PVDT1
- ⑤ INSTALL RR-20 SHELTER FOOTING PER KC METRO STD PLAN 1-D101B AND 3-D101B (SHELTER INSTALL BY METRO)
- ⑥ INSTALL TECH PYLON FOOTING RR-5 PER KC METRO STANDARD PLAN 1-D102 (KIOSK INSTALL BY MC METRO)
- ⑦ INSTALL TYPE 2 SIGN FOUNDATION PER KC METRO STD PLAN 3-D104A (SIGN INSTALL BY KC METRO)
- ⑧ INSTALL POWER PEDASTAL FOUNDATION PER KC METRO STD PLAN D112 (CABINET INSTALL BY KC METRO)
- ⑨ SEE DETAIL 4-PVDT1



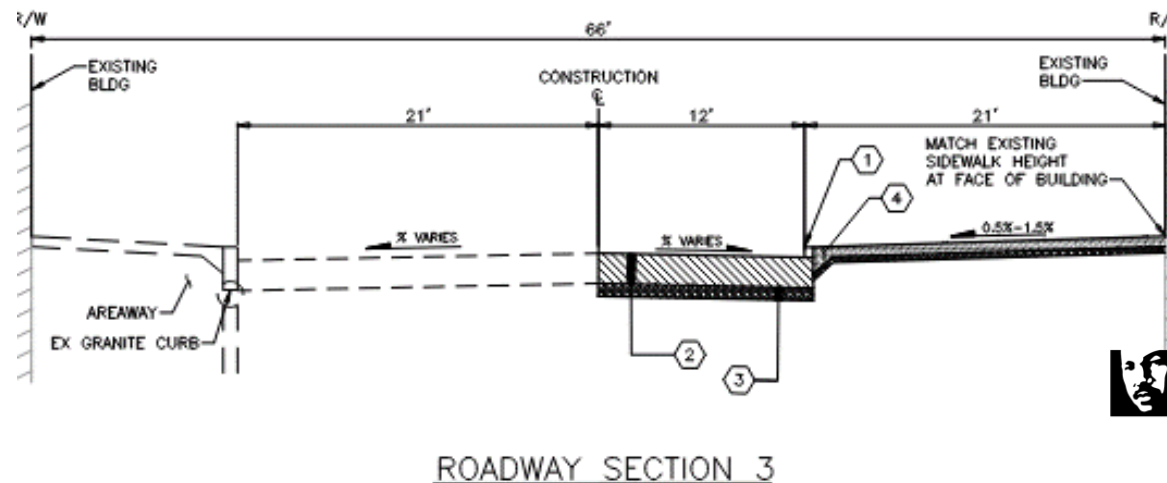
Roadway Sections



From Yesler Way to S Washington St



From S Washington St to southern extent of UGM areaway

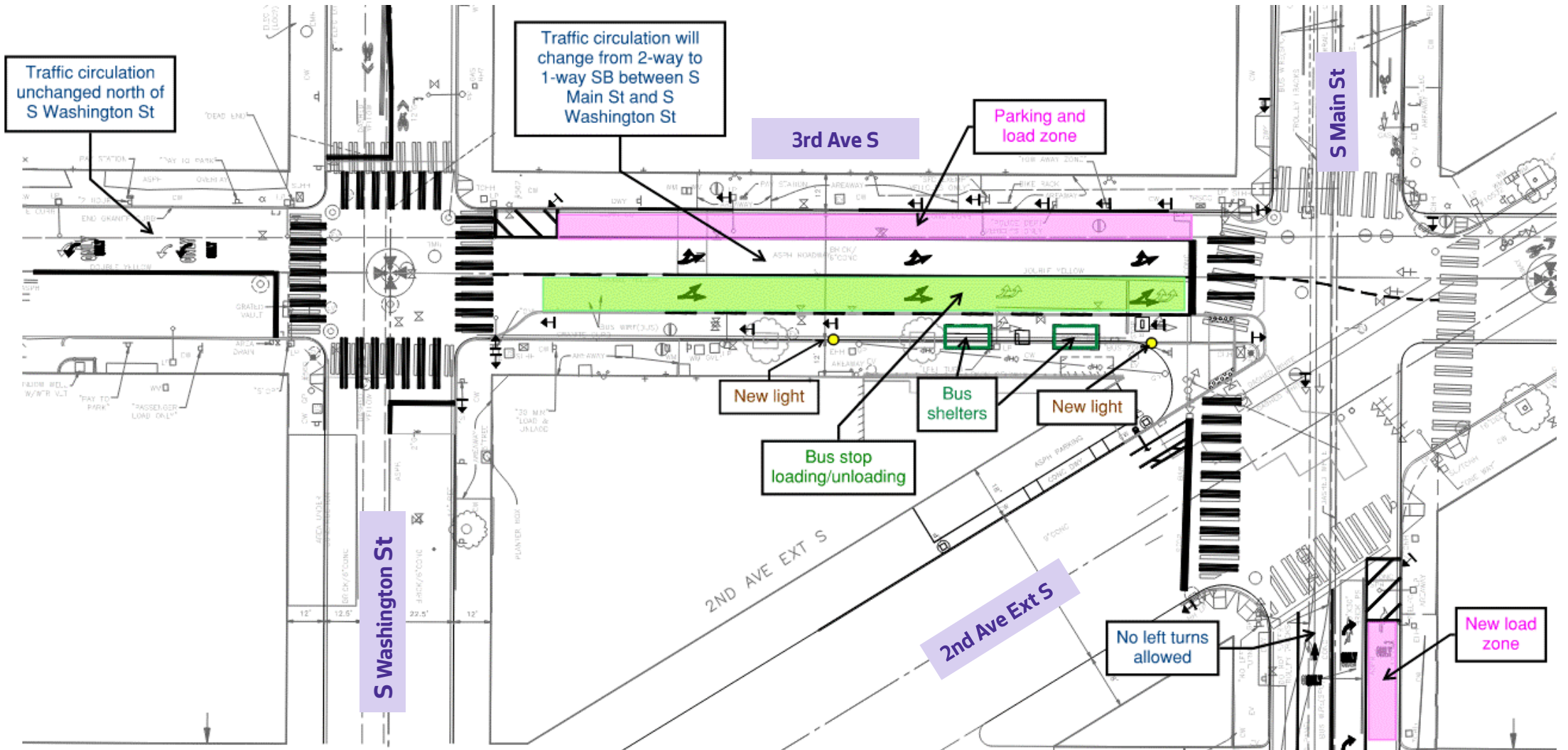


From southern extent of UGM areaway to S Main St

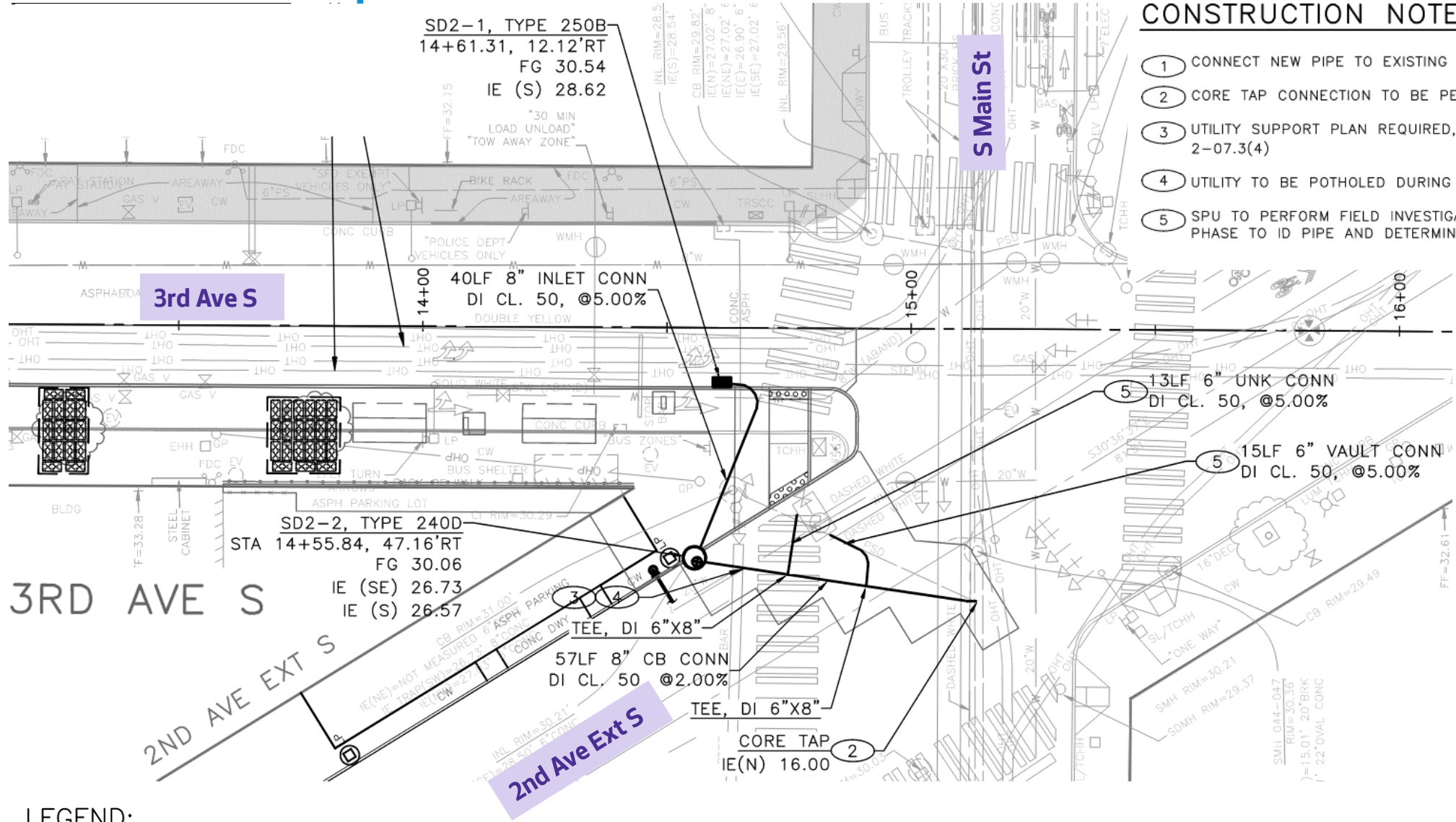
LEGEND:

- ① CURB, CEM CONC, PER STD PLAN 410C.
- ② ROADWAY CEM CONC BASE (HES 24HR) 14 IN
- ③ MNRL AGG TYPE 2, MINIMUM 6 IN COMPACTED DEPTH
- ④ THICKENED EDGE SIDEWALK (SEE COS STD PLAN 420) OVER MNRL AGG TYPE 17 (MINIMUM 6 IN COMPACTED DEPTH)

Channelization Changes




Storm Drain Repair for SPU



CONSTRUCTION NOTES:

- 1 CONNECT NEW PIPE TO EXISTING STRUCTURE
- 2 CORE TAP CONNECTION TO BE PERFORMED BY SPU
- 3 UTILITY SUPPORT PLAN REQUIRED, REFER TO SECTION 2-07.3(4)
- 4 UTILITY TO BE POTHOLED DURING DESIGN PHASE
- 5 SPU TO PERFORM FIELD INVESTIGATION DURING DESIGN PHASE TO ID PIPE AND DETERMINE IF ACTIVE

LEGEND:

 SOIL CELL SYSTEM, REFER TO SECTION 8-36

Bus Stop Elements

- Large route sign (existing)
- Litter receptacle (existing)
- Tech pylon/Real Time Arrival Info
 - Same style as approved for H Line stations along the Waterfront
- Two large shelters w/ seating
 - Three different styles under consideration



Bus Shelter

Route Sign



Litter Receptacle



Tech Pylon



Art Opportunity

SDOT & KCM working with 4Culture to deliver an exterior, site-responsive sculpture for the 3rd & Main bus stop

Timeline:

- Request for Artists: October 2023
- Selection Panels & Interviews: November 2023
- Contract issued: December 2023
- Design: January-April 2024
- PAAC Design Approval: April 2024
- Fabrication: May-August 2024
- Installation: September 2024



Schedule

- 90% design October 2023
- 100% design Nov 2023
- Construction May 2024 - December 2024



Outreach

- Reached out to nearby businesses
- Briefings with Alliance for Pioneer Square, Downtown Seattle Association, and Union Gospel Mission
- Ongoing outreach through final design and construction
- Project [webpage](#) and email list



From the entire SDOT/KCM Team:
Thank you!