PIONEER SQUARE
EAST-WEST PEDESTRIAN IMPROVEMENTS
REQUEST FOR CERTIFICATE OF APPROVAL

PIONEER SQUARE PRESERVATION BOARD
JUNE 2022
PROJECT GOALS AND OBJECTIVES

DESIGN AND CONSTRUCT PEDESTRIAN IMPROVEMENTS ON PORTIONS OF MAIN, WASHINGTON, KING AND YESLER STREETS BETWEEN 2ND AVENUE AND ALASKAN WAY IN DOWNTOWN SEATTLE.

THE PRIMARY OBJECTIVES ARE:

- **CONNECT** THE CORE OF PIONEER SQUARE TO THE NEW WATERFRONT;
- **PROVIDE** **SAFE, CONVENIENT, GRACEFUL**, PEDESTRIAN CONNECTIONS AND FOSTER POSTIVE CITY LIFE AND ACTIVITY IN KEY PIONEER SQUARE EAST-WEST STREETS.
PROJECT BUDGET AND FUNDING

• $21 MILLION BUDGET FOR ALL PROJECT COSTS (DESIGN, ENVIRONMENTAL, CONSTRUCTION, CONSTRUCTION MANAGEMENT);
• FUNDING PRIMARILY FROM WATERFRONT LOCAL IMPROVEMENT DISTRICT (LID), SUPPORTED BY OTHER CITY FUNDS
PROJECT SCHEDULE

• MAY 2019 - PSPB PRELIMINARY DESIGN BRIEFING
• MARCH 2021 - 60% DESIGN
• APRIL 2021 - PSPB BRIEFING
• SEPTEMBER 2021 - 90% DESIGN
• NOVEMBER 2021 - PSPB BRIEFING
• JUNE 2022 - APPLY FOR PSPB CERTIFICATE OF APPROVAL
• JUNE 2022 - 100% DESIGN
• QUARTER 1, 2023 - START CONSTRUCTION
PROJECT DESCRIPTION
The Pioneer Square East-West Street’s Pedestrian Improvement Project (PSEWS) project’s goals are to design and construct pedestrian improvements on portions of South Main, South Washington, South King Streets and Yesler Way between 2nd Avenue and Alaskan Way in Downtown Seattle. The work includes widening the existing sidewalk and repaving portions of the sidewalk and roadway along with landscape and site furnishings for pedestrians. In addition, vehicular traffic flow through the PSEWS project will be revised to create more space for pedestrian access and to improve the pedestrian realm. The traffic circulation revisions are anticipated to include:

- Converting South Washington Street to one-way westbound. South Washington would have one travel lane between the 2nd Avenue Extension and Alaskan Way.
- Converting South Main Street to one-way eastbound. It would have one travel lane between Alaskan Way and the 2nd Avenue Extension.
- Retaining two-way operation on Yesler Way, but prohibiting westbound left turns at the 1st Avenue intersection. If and when a protected bicycle lane (PBL) is installed along the north side of Yesler Way (currently planned in the Seattle Bike Master Plan, but not implemented as part of the PSEWS project), westbound right turns and eastbound left turns that would cross the PBL at 1st Avenue should also be prohibited so that the signal can be operated with two signal phases as currently exists.
- Retaining two-way operation on South King Street with pedestrian safety and ADA improvements at 1st Avenue.
- Converting 2nd Avenue South from one-way to two-way operation between Washington and Main Streets and reconfiguring the parking.

Specific Improvements for each corridor that guide the development of this scope include the following.

YESLER WAY
- A new traffic island to protect the cycletrack users between Western and Alaskan Way.
- New curb bulbs will be installed along the entire southern edge of the Yesler/Western intersection, including a new sidewalk between the Runberg Architecture building and the Best Western. The bulb out will include new plantings, and will entail relocating drainage infrastructure. There will also be a bulb westward and southward from the northeastern corner at Western and Yesler. The north curb between Western and First Avenue will move southward to improve planting opportunities and the pedestrian realm. These improvements will also necessitate relocating drainage infrastructure. The drainage design will be drafted with 60% plans.
- Targeted full pavement depth removal and pavement planing between Alaskan and First Avenue. Improvements do not extend beyond the western First Avenue curb line. No street improvements are considered for the southern half of Yesler between the new curb bulb at Western Avenue and First Avenue. New paving will replace the areas that have been demolished/planed.
- Partial restoration of the travel lane and parking areas where pavement was removed.
- New striping and signage. Signage is assumed to be bolted to the sidewalk.
- The sidewalk on the north side of Yesler between Post Avenue and Western Ave will be removed and repaved.
- A new curb and associated drainage infrastructure will be installed along the north side of Yesler Way approximately 5’ south of the existing curb line between Western Ave and First Avenue.

New sidewalk paving restoration and plantings along the north side of Yesler Way, a target of three new street trees, with soil cells. Does not include additional envelope sealing/waterproofing for areaways.

A new wood decked plaza will be installed in the bulbout at Yesler and Western.

WASHINGTON STREET
- Full pavement depth removal and pavement planing between the end of the Alaskan Way Improvements’ curb return and First Avenue. Asphalt lift through the First Avenue intersection. Full pavement depth removal and pavement planing between the western curb of First Avenue and the Occidental Ave intersection.
- Sidewalk removal on the south side between Alaskan and Post Alley. Limited sidewalk on other frontages between Alaskan and First due to existing areaways. Sidewalk removal along the frontage of Occidental Park and Occidental Mall.
- The project team does not anticipate demolition, penetration, removal, reconstruction, alteration, or rehabilitation of the existing areaways between S Post Alley and Occidental Avenue S.
- The existing curb ramps at First Avenue will be demolished and repaved with strengthening from below following the strategies used in the Center City Connector Streetscar.
- Partial restoration of the travel lane and parking areas where pavement was removed from Alaskan Way to the Occidental Ave S intersection.
- New plantings and small-scale sidewalk paving restoration along the corridor.
- Construction of “alley-style” entries to/from First Ave.
- New raised, brick intersection and crossings for the Washington and Occidental Mall.
- Resetting/moving drainage structures where new paving is installed and/or new curbs are relocated along the corridor from Alaskan Way to Occidental Ave S.
- New striping and signage from Alaskan Way through to 2nd Avenue.
- Demarcation of the historic shoreline via the brick paving patterns at the two alley crossings between Occidental Avenue S and Alaskan Way surface markings or similar.
- Relocation of luminaries along the south side of South Washington Street to provide a clear, pedestrian path of travel.
- Creation of a small, cobblestone retaining wall just east of the Nord Alley alignment near Occidental Par

MAIN STREET
- Full pavement depth removal and between the end of the Alaskan Way improvements’ curb return and First Avenue. Improvements do not extend beyond the western First Avenue curb line. Full pavement depth removal and removal to concrete base between the western curb of First Avenue and the Occidental Ave intersection.
- The existing curb ramps at First Avenue will be demolished and repaved with strengthening from below following the strategies used in the Center City Connector Streetscar.
- Construction of “alley-style” entries to/from First Ave.
- Sidewalk removal on both sides of the street between Alaskan and Post Alley. Limited sidewalk removal near Occidental Park and Occidental Mall.
- Partial restoration of the travel lane and parking areas where pavement was removed.
- New plantings, including new street trees. Does not include additional envelope sealing/waterproofing for areaways.
- Resetting/moving drainage structures where new paving is installed and/or new curbs are relocated along the corridor from Alaskan Way to Occidental Ave S.
- New striping and signage from Alaskan Way through to 2nd Avenue.
- Demarcation of the historic shoreline at the alley crossing between Alaskan Way and First via surface markings or similar.
- Construction of the Nord Alley paving pattern at the alley crossing between First Avenue and S Occidental.
- Relocation of luminaries along the north side of South Main Street to provide a clear, pedestrian path of travel.

KING STREET
- Limited demolition of segments of the north side sidewalk between Post Alley and First Avenue and on First Avenue.
- Limited roadway full depth removal along the curb line between Post Alley and First Avenue.
- Resetting/moving drainage structures where new paving is installed and/or new curbs are relocated.
- A new, mid-block refuge island with cobble pavers will be installed at the King Street mid-block crossing.
- New striping and signage.

SECOND AVENUE S
- Resetting and signage between Washington and Main. Signage is anticipated to be installed via bolting on the surface of sidewalk.
PRIORITIZED IMPROVEMENTS
YESLER WAY
EXISTING CONDITIONS: YESLER WAY
YESLER WAY

VIEWS
YESLER WAY
MATERIALS PLAN

WOOD DECKING

- Western Red Cedar (no stain)
- Clean, regular, and smooth surface finish
- FSC certified
- Structural Grade No. 1
- Appearance Grade A
- Supplier: Issaquah Cedar and Lumber

SIDEWALK CONCRETE

- Concrete paving - sidewalk
- Light grey (LG) = Solomonic Onyx 920 or similar applied at 1% loading
- To match the lamp black effect of the Pioneer Square District standard
- Broom swept surface finish, tooled joints with no shiner
YESLER WAY PERSPECTIVE
S WASHINGTON + S MAIN STREETS
EXISTING CONDITIONS: S. WASHINGTON STREET
EXISTING CONDITIONS: S. MAIN STREET

[Images of street views and diagrams]
EXISTING CONDITIONS: S MAIN STREET

- **OCCIDENTAL PARK**
- **MAIN STREET**

- **EXISTING CONDITIONS**:
  - S MAIN STREET
  - OCCIDENTAL PARK

- **Surfacing**:
  - 1. **Remove pavement** (full depth)
  - 2. **Remove pavement** to remove asphalt overlay base
  - 3. **Remove pavement, over 14" depth**
  - 4. **Remove pavement, over 14" depth, including brick with salvage**
  - 5. **Remove brick or cobblestone with salvage to base**
  - 6. **Remove brick sidewalk with salvage**
  - 7. **Remove pavement, including brick with salvage**
  - 8. **Surface prep, plane bituminous pavement, 2 in or to base, whichever is less**
  - 9. **Remove CEM conc sidewalk**
  - 10. **Sawcut**
  - 11. **Remove pavement above water main**
  - 12. **Sidewalk removal over areaway, per st sheets**
  - 13. **Remove pavement including rails and ties**
  - 14. **Existing underground areaway limits**
AREAWAYS
VEHICLES AND AREAWAYS
Proposed traffic revisions to achieve project goals.
TRAFFIC REVISION + AREAWAYS AT S MAIN ST (S WASHINGTON ST SIMILAR)
S MAIN + S WASHINGTON PLAN

WASHINGTON AND MAIN: PROPOSED AREAWAY RELIEF

17’-18’ SIDEWALK
8’ PARKING / LOADING
8’ PARKING / LOADING
12’-14’ TRAVEL LANE
17’-18’ SIDEWALK

GREEN GATEWAYS
RAISED CURBLES
STREETS ALASKAN TO OCCIDENTAL
PARKING CONFIGURED TO REDUCE AREAWAY STRESSES
RAISED BRICK INTERSECTIONS AT OCCIDENTAL
ANGLED PARKING EAST OF OCCIDENTAL
LIGHT POLE MOVES - INCLUSIVE STREETSCAPE LANGUAGE

1. LT02 PW#2020-088
   PLEASE CALL 811 3 Working Days BEFORE YOU DIG

2. LT01 PW#2020-088
   PLEASE CALL 811 3 Working Days BEFORE YOU DIG

3. LT04 PW#2020-088
   PLEASE CALL 811 3 Working Days BEFORE YOU DIG
YESLER WAY PLAN

CHIEF SEATTLE BASE

NOTES:
1. FOR POLE DIAMETER GREATER THAN 3½ BUT NOT MORE THAN 1½, 4½ COLLAR SHALL BE USED & THE PLUGS ON THE TOP OF THE COLLAR MUST HAVE TO ALLOW A SMALL FIT AGAINST THE POLE.
2. FOR POLE DIAMETER GREATER THAN 1½ BUT NOT MORE THAN 1, 1½ COLLAR SHALL BE USED.
3. FOR POLE DIAMETER IN EXCESS OF 1½ BUT NOT MORE THAN 1¼, THE COLLAR MAY NOT BE USED WHERE GRINDING MAY BE REQUIRED TO ALLOW THE TWO PIECE CAST BASE TO FIT SNUGLY AROUND THE POLE.
4. SEE 3½ POLE COLLAR FOR TYPE 1, 2, 3 & 4 POLE FOUNDATION.
5. BASE SHALL BE EMBEDDED 1½ AT LOW POINT OF SAWCUT TEST.

SEATTLE CITY LIGHT CHIEF SEATTLE BASE STD DTL

NEW CONCRETE OVER AREAWAY
EXAMPLE AT OCCIDENTAL AND KING

SAWCUT EXAMPLE AT OCCIDENTAL AND KING

AT AREAWAY, SAWCUT TO FREE CHIEF SEATTLE BASE FROM GROUT AND INSTALL HANDHOLE TO PRESERVE WIRING.

REMOVE CONDUIT TO DESTRUCTION LIMITS AND PLUG, SEE NOTE 2.

TYPE 1 HANDHOLE, SEE NOTE 2.

ANCHOR BOLT 4 (TOTAL)

ELEVATION

CONDUIT (TYP)

ANCHOR BOLT (TYP)

PLAN

EXISTING PED LIGHT FOUNDATION DEMOLITION

NOTES:
1. SIDEWALK NON-ROADWAY CEM CONC W/25% POZZOLANS, LG COLOR.
2. WHERE EXISTING CONDUITS ARE TO BE REUSED PER ELECTRICAL AND LIGHTING PLANS, INCREASE DEPTH OF DEMOLITION TO ACCOMMODATE THE INSTALLATION OF A TYPE 1 HANDHOLE CENTRED OVER THE EXISTING FOUNDATION. DO NOT REMOVE CONDUITS AND DO NOT PLUG CONDUITS. DO REMOVE ANCHOR BOLTS.
GRANITE COBBLE PAVER - INCLUSIVE STREETSCAPE LANGUAGE

**SPLIT FACE FINISH**
MAX DEFLECTION: 1/2"
Suppliers: SDOT Material Yard + Marenakos Rock Center

**WATER-JET THERMAL FINISH**
MAX DEFLECTION: 3/16"
Supplier: Marenakos Rock Center
CURBLESS PAST, CURBLESS FUTURE

CURBLESS PAST, CURBLESS FUTURE
ORIGINAL SHORELINE
REVEALING MULTIPLE COASTAL STORIES

- MANIPULATED SHORELINES
- GREAT FIRE
- NATIVE NATIONS PAST + PRESENT
- COASTAL ECOLOGIES
PIERS

- WESTERN RED CEDAR
- BURNT SHOU-SUGI-BAN FINISH

NOTES:
1. All piers shall be oriented facing the street and 90 degrees outward to be least visible from the deck. All other piers in the landscape shall face the street and no greater than 90 degrees in any direction. Sand cast button plugs so they are flush with adjacent pier surface.
2. Slope top of pier from center for drainage at 1/8-inch over 1-foot.

WOOD PIER
WOOD PIER MOUNTING ASSEMBLY
WOOD PIER EXTERIOR FINISH

THE FINISH ON THE PIER WILL CONSIST OF A SURFACED BURN ON THE TOP TO UNBRUSHED, UNBURNT WOOD BELOW.
The main objective of the interpretation along these East-West Pedestrian Improvements was to define the original shoreline and began with the integration of wave patterns in the street paving designating where land once met water. This includes the flounder lagoon to the east, which rests on what is Occidental Square today.

The strong alignment of the original shoreline along what is Firehouse/Post Alley today lead us to the idea of ‘Shoreline Alley’—a framework for communicating the historic geography of this place.

In collaboration with Valerie Segrest, native foods nutritionist and member of the Muckleshoot Tribe, the interpretation evolved to feature past and present stories of Indigenous life in this place, including:

- **Dzidzilalich** Little Crossing-Over Place
- Duck Hunting
- Flounder Lagoon
- Clam Gardens

**INTERPRETIVE LOCATION KEY:**

- Paver Wave Designs
- Laser Etched Interpretive Kickrails
- Wall Mounted Interpretive Panels
Interpretation Paver Wave Designs

Paver designs depict waves on a coastline, with a unique pattern at each of the three intersections.

In future phases, the waves can span the entire alleys, completing the “Shoreline Alley”.

Qty: 3 intersections

NEW STONE PAVER
Supplier: Yellow Mountain Stone Works or Rhodes Architectural Stone
Color/Style: Grey Pearl Limestone with Adze finish or Herons Egg Granite Paver

NEW BRICK PAVER
Supplier: Mutual Materials
Color/Style: Roman Clay Paver - Mauna Loa color
In collaboration with Valerie Segrest, we developed artwork featuring native plant species and associated native plant technologies to be etched into the wood kickrails that line the sidewalk plantings.

All plant species featured are included in the landscape planting palette.

The plant technologies featured include:

- **Nets for duck hunting**
- **Spears for flounder fishing**
- **Baskets for clam harvesting**

**INTERPRETIVE LOCATION KEY:**
- Paver Wave Designs
- Laser Etched Interpretive Kickrails
- Wall Mounted Interpretive Panels
**KICKRAIL**

- WESTERN RED CEDAR KICKRAIL WITH STAINLESS STEEL MOUNTING ASSEMBLY
- BLACK ALUMINUM LUMENTRUS LED STRIP LIGHT

Reference Image: Kickrail
Sample laser etching: Left, 1/16" depth; Right, 1/8" depth
Lumentruss LED Strip Light, black aluminum
1450 PROFILE - REGULAR LED ENGINE
1000 Series

Cross-section dimensions:

0.925 in
23.50 mm

SAY HELLO TO VERSATILITY VERSION 2.0!

This profile is the biggest in size from our 1000 series line of product. **It has been specially designed for outdoor use** and can house all the different IP68 lumen Packages we offer. With a new sliding lens design, this profile offers a wide variety of installation, from fixed to suspended mounting.

FEATURES
- The support rail offers a large range of installation and assembly both fixed and suspended.
- NEW slidable lens system.
- Designed to give a uniform light without hot spots with a prime lens.
- Custom length by sections of 2 to 240 inches (6m).
- Made of ALCOA 6063-T5 aluminum alloy increasing heat dissipation.
- Its use increases the lifetime of your LED engine.
- Designed to meet North American woodworking standards.

OPTIONS

CUSTOM SHAPE

KICKRAIL: LED STRIP LIGHT

LED ENGINE COMPATIBILITY
- IP22: Compatible with LED engines up to 14mm wide.
- IP68: Compatible with LED engines up to 10mm wide.

LINEAR WEIGHT
0.23 lbs/ft, 0.35 kg/m (without lens or insert)
Interpretation Laser Etched Kickrails

West side of Washington St. features:

Cedar Bark used to make nets for duck hunting
West side of Washington St. features:

**Cedar Bark used to make nets for duck hunting**

SOAKED AND DRIED CEDAR BARK MAKES IDEAL CORDAGE FOR HUNTING NETS

CEDAR BARK, WITH CEDAR POLES, MAKES DUCK HUNTING NETS
**Interpretation** Laser Etched Kickrails

East side of Washington St. features:

*Oceanspray used to make spears for flounder fishing*
**Interpretation** Laser Etched Kickrails

East side of Washington St. features:

- **Oceanspray used to make spears for flounder fishing**

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**Oceanspray branches heated over fire become strong as iron**

- **Oceanspray, with nettle cord, makes flounder spear**

82"
**Interpretation** Laser Etched Kickrails

Main St. features:

*Vine maple used to make baskets for clam harvesting*
**Interpretation** Laser Etched Kickrails

Main St. features:

*Vine maple used to make baskets for clam harvesting*

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**THE LONG BRANCHES OF VINE MAPLE TREES ARE PERFECT FOR BASKET WEAVING**

**VINE MAPLE BRANCH, WITH**

**CATTAIL CORD, MAKES**

**CLAM BASKET**

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96"
**Interpretation** Summary of Laser Etched Kickrails

### Washington West / Duck Hunting

- Soaked and dried cedar bark makes ideal cordage for hunting nets.
- Oceanspray branches heated over fire become strong as iron.
- The long branches of vine maple trees are perfect for basket weaving.

### Washington East / Flounder Lagoon

- Soaked and dried cedar bark makes ideal cordage for hunting nets.
- Oceanspray branches heated over fire become strong as iron.
- The long branches of vine maple trees are perfect for basket weaving.

### Main / Clam Garden

- Soaked and dried cedar bark makes ideal cordage for hunting nets.
- Oceanspray branches heated over fire become strong as iron.
- The long branches of vine maple trees are perfect for basket weaving.
In collaboration with Valerie Segrest and Paige Pettibon (indigenous community artist), and copywriter Kevin Jones, we are developing interpretive panels that feature original illustrations, written content and a map with an overlay of the original shoreline. The illustrations will depict the indigenous stories along with evocative text presented in a timeless manner that bridges past and present.

Stories being interpreted:

- **Dzidzilalich** Little Crossing-Over Place
- Duck Hunting
- Flounder Lagoon
- Clam Gardens

**INTERPRETIVE LOCATION KEY:**

- Paver Wave Designs
- Laser Etched Interpretive Kickrails
- Wall Mounted Interpretive Panels

Note: these signs are not included in this application for a Certificate of Approval. The signs will be addressed in a future Certificate of Approval. They are shown to give a complete and comprehensive overview of the design and storytelling.
OCP MIG
Interpretive Panels

Interpretive Panel content and attachments provided for information and will be resubmitted at a future date for separate PSPB Certificate of Approval.

Dzidzilalich

Duck Hunting

Flounder Lagoon

Clam Garden
Long before European settlement, long before there was a city called Seattle, there was Dzidzilalich, the “Little Crossing-Over Place,” a seasonal village tended by the Coast Salish people just steps from where you stand.

Imagine tidal pools full of sea life, flocks of birds overhead, and elk venturing to the shore. Listen for the sounds of stories, songs and laughter shared over great feasts. Can you smell fish roasting, or see people carrying baskets of bulbs, berries and shellfish?

Cedar canoes come and go. Travelers walk trails through bluffs and woods of towering cedar and spruce to the east. Families trade. Kids play. The sun sets over the same Olympics.

Dzidzilalich is a story now, but this place still has great meaning for the villagers’ descendants.

WHAT IS SHORELINE ALLEY?
For centuries before the bricks and cobblestones of these alleys were laid, this was a shoreline of rock, sand, marsh, and sea, a place of vital importance to the cultures and economies of the local Coast Salish people whose descendants continue to live and work in the area today. Where you’re standing has been a working waterfront for millennia.
Once, you could have looked north up the shoreline from here to see wooden poles rising several stories into the sky. The real show came in the spring and fall, when hunters hoisted fishing nets made of stinging nettle between the poles to snare great flocks of migrating ducks. The place where the net poles stood (and where a creek trickled year-round) was called túqap, and trap sites like it studded Puget Sound. Today, local tribe members still enjoy eating ducks they hunt using modern techniques on the more pristine waters east of the Cascade Mountains.

WHAT IS SHORELINE ALLEY?
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Interpretive Panels
Interpretive Panel content and attachments provided for information and will be resubmitted at a future date for separate PSPB Certificate of Approval.
MATERIALS: SHORELINE PALETTE

SECTION A
MATERIALS: UPLAND PALETTE

SECTION B

SIDEWALK/FURNISHING ZONE

DRIVE AISLE

SIDEWALK/FURNISHING ZONE
S WASHINGTON AND S MAIN STREET MATERIALS

SIDEWALK AND ROADWAY CONCRETE

| 2'x2' SIDEWALK CONCRETE PAVING AND ROADWAY CONCRETE PANELS - LIGHT GREY (LG) = SOLOMON SONIX 920 OR SIMILAR APPLIED AT 1% LOADING TO MATCH THE LAMP BLACK EFFECT OF THE PIONEER SQUARE DISTRICT STANDARD |
| 2'x2' PARKING ZONE CONCRETE PAVING - DARK GREY (DG) = SOLOMON SONIX 920 OR SIMILAR APPLIED AT 4% LOADING ALL CONCRETE SIDEWALK AND ROADWAY BROOM SWEPT SURFACE FINISH TOOLED JOINTS WITH NO SHINER |

SELECTED MATERIALS

**Granite Cobble**

- Salvaged granite cobbles
- New granite cobbles: Sierra White granite
  - Supplier: Marenakos Rock Center

**Cobble Paver Finishes**

- Split face
  - MAX Deflection: 1/2"
- Water-jet thermal finish
  - MAX Deflection: 3/16"

**Detectable Warning Plate**

- Pre-weathered cast iron, natural iron patina cast-in-place, non-slip
  - Where used, curb ramps and adjacent concrete contains no added grey color, to add visual contrast, per SDOT ADA coordination.
  - Supplier: Tuftile

**Concrete Paving**

- 2'x2' sidewalk concrete paving and roadways concrete panels - light grey (LG) = Solomon Sonix 920 or similar applied at 1% loading to match the lamp black effect of the Pioneer Square district standard.
- 2'x2' parking zone concrete paving - dark grey (DG) = Solomon Sonix 920 or similar applied at 4% loading.

**Detectable Warning Plate**

- Pre-weathered cast iron, natural iron patina cast-in-place, non-slip.
- Where used, curb ramps and adjacent concrete contains no added grey color, to add visual contrast, per SDOT ADA coordination.
- Supplier: Tuftile.
S WASHINGTON AND S MAIN STREET MATERIALS

WASHINGTON STREET AT FIRST

- **BOLLARD**
  - SAN JOSE, ALUMINUM POWDER COAT BLACK MATTE FINISH
  - Supplier: Urban Accessories
- **DETECTABLE WARNING PLATE**
  - PRE-WEATHERED CAST IRON NATURAL IRON PATINA CAST-IN-PLACE, NON-SLIP
  - Supplier: TUFTILE
- ** ASPHALT**
  - WARM MIX ASPHALT
- **SIDEWALK CONCRETE**
  - LIGHT GREY (LG) = SOLOMON ONYX 920 OR SIMILAR APPLIED AT 1% LOADING
  - BROOM SWEPT SURFACE FINISH TOOLED 2'x2' JOINTS WITH NO SHINER
- **THERMAL COBBLE PAVER**
  - GRANITE WATER-JET THERMAL FINISH MAX DEFLECTION: 3/16”
  - Supplier: Marenakos Rock Center
- **COBBLE PAVER**
  - GRANITE SPLIT FACE FINISH MAX DEFLECTION: 1/2”
  - Supplier: Marenakos Rock Center
- **PARKING ZONES**
  - DARK GREY (DG) = SOLOMON SGS ONYX 920 OR SIMILAR APPLIED AT 4% LOADING
  - BROOM SWEPT SURFACE FINISH TOOLED 2'x2' JOINTS WITH NO SHINER

MAIN STREET AT FIRST

- **BOLLARD**
  - SAN JOSE, ALUMINUM POWDER COAT BLACK MATTE FINISH
  - Supplier: Urban Accessories
- **DETECTABLE WARNING PLATE**
  - PRE-WEATHERED CAST IRON NATURAL IRON PATINA CAST-IN-PLACE, NON-SLIP
  - Supplier: TUFTILE
- ** ASPHALT**
  - WARM MIX ASPHALT LIGHT GREY (LG) = SOLOMON ONYX 920 OR SIMILAR APPLIED AT 1% LOADING
  - BROOM SWEPT SURFACE FINISH TOOLED 2'x2' JOINTS WITH NO SHINER
- **SIDEWALK CONCRETE**
  - LIGHT GREY (LG) = SOLOMON ONYX 920 OR SIMILAR APPLIED AT 1% LOADING
  - BROOM SWEPT SURFACE FINISH TOOLED 2'x2' JOINTS WITH NO SHINER
- **THERMAL COBBLE PAVER**
  - GRANITE WATER-JET THERMAL FINISH MAX DEFLECTION: 3/16”
  - Supplier: Marenakos Rock Center
- **COBBLE PAVER**
  - GRANITE SPLIT FACE FINISH MAX DEFLECTION: 1/2”
  - Supplier: Marenakos Rock Center
- **PARKING ZONES**
  - DARK GREY (DG) = SOLOMON SGS ONYX 920 OR SIMILAR APPLIED AT 4% LOADING
  - BROOM SWEPT SURFACE FINISH TOOLED 2'x2' JOINTS WITH NO SHINER
OCCIDENTAL WALL

FACE

SAVAGED SANDSTONE
Supplier: SDOT Material Yard

GRANITE TOP SLAB

BLACK GRANITE
Supplier: Marenakos Rock Center
WOOD DECKING
- Western Red Cedar (No Stain), Clean, Regular, and Smooth Surface Finish
- FSC Certified, Structural Grade No.1 Appearance Grade A
- Supplier: Issaquah Cedar and Lumber

DETECTABLE WARNING PLATE
- Pre-Weathered Cast Iron, Natural Iron Patina
- Cast-in-Place, Non-Slip
- Supplier: TUFTILE

DETECTABLE GUIDANCE STRIP
- Non-Slip
- Supplier: TUFTILE

NEW BRICK PAVER
- Occidental Brick: San Jose Alumínium Powder Coat Black Matte Finish
- Supplier: Urban Accessories

CLAY PAVER
- Occidental Brick: Occidental Brick W, 1.5" Chestnut Running Bond Pattern
- Supplier: Mutual Materials

BOLLARD
- San Jose Alumínium Powder Coat Black Matte Finish
- Supplier: Urban Accessories
OCCIDENTAL MALL AT S MAIN STREET MATERIALS

**Detectable Warning Plate**
- Pre-Weathered Cast Iron
- Natural Iron Patina
- Cast-in-Place, Non-Slip
  Supplier: TUFTILE

**Bollard**
- San Jose
- Aluminum
- Powder Coat Black
  Matte Finish
  Supplier: Urban Accessories

**Clay Paver**
- Occidental Brick W Paver
  1.5" Chestnut
  Running-Bond Pattern
  Supplier: Mutual Materials

**New Brick Paver**
- Occidental Brick N
  Roman Clay Paver
  Mauna Loa Color
  Running-Bond Pattern
  Supplier: Mutual Materials
S MAIN STREET EXISTING
S. WASHINGTON STREET TREES

'GREENSPIRE' LITTLELEAF LINDEN
Tilia cordata 'GREENSPIRE'
S. WASHINGTON STREET UNDERSTORY PLANT COMMUNITIES

**SHORELINE SHADE**

**UPLAND SHADE**

**SHORELINE SUN**

Not pictured: Henderson’s Checker Mallow, Sidalcea hendersonii; White Spirea, *Spirea betulifolia var. lucida*
S. MAIN STREET TREES

SHORE PINE
PINUS CONTORTA VAR. CONTORTA

‘PACIFIC FIRE’ VINE MAPLE
ACER ORGNATUM ‘PACIFIC FIRE’
S. MAIN STREET UNDERSTORY PLANT COMMUNITIES

Not pictured: White Spirea, Spirea betulifolia var. lucida
SITE FURNISHINGS: BOLLARD

- CAST ALUMINUM “SAN JOSE” BOLLARD
- BLACK, POWDER COATED
- USED AT OCCIDENTAL PAVILION
SITE FURNISHINGS: LANDSCAPE FENCE

- **STEEL SQUARE BAR**
- **POWDER COATED, BLACK MATTE**
SITE FURNISHINGS: BIKE RACK

• PIONEER SQUARE BIKE RACK FROM URBAN ACCESSORIES
• CAST IRON
**BIKE RACKS: YESLER WAY & WASHINGTON ST**

**PROPOSED LOCATION FOR REINSTALLING SALVAGED OR NEW BIKE RACK**

**YESLER WAY:**
ONE EXISTING BIKE RACK TO BE SALVAGED AND REINSTALLED PER PLANS.

**WASHINGTON STREET:**
FOUR EXISTING BIKE RACKS TO BE SALVAGED AND REINSTALLED PER PLANS.
BIKE RACKS: MAIN ST & KING ST

PROPOSED LOCATION FOR REINSTALLING SALVAGED OR NEW BIKE RACK

MAIN STREET:
FIVE EXISTING BIKE RACKS TO BE SALVAGED AND REINSTALLED PER PLANS.

KING STREET:
ONE NEW BIKE RACK TO BE INSTALLED PER PLANS.
SALVAGED BRICK AT ALLEYS
WASHINGTON ST AND FIREHOUSE ALLEY

NORTH ALLEY: SALVAGED BRICK FROM BUILDING FACE TO ROADWAY GUTTER.

SOUTH ALLEY: SALVAGED BRICK FROM BUILDING FACE TO ROADWAY GUTTER.

BRICK AT BOTH THESE LOCATIONS IS NOT HISTORIC. IT IS THIN SET ON CONCRETE.
SALVAGED BRICK AT ALLEYS
WASHINGTON ST AND FIREHOUSE ALLEY

PIONEER SQUARE EAST-WEST STREETS PEDESTRIAN IMPROVEMENTS
JUNE 2022

PROPOSED NEW BRICK PAVER AND STONE PAVER

- Paver designs depict waves on a coastline, with a unique pattern at each of the three intersections.
- In future phases, the waves can span the entire alleys, completing the "Shoreline Alley".
- Qty: 3 intersections

NEW STONE PAVER
Supplier: Yellow Mountain Stone Works or Rhodes Architectural Stone
Color/Style: Grey Pearl Limestone with Adze finish or Herons Egg Granite Paver

NEW BRICK PAVER
Supplier: Mutual Materials
Color/Style: Roman Clay Paver - Mauna Loa color

CONCRETE HEADER TO HOLD BRICKS IN PLACE
WARM MIX ASPHALT GRADE TRANSITION TO EX ASPHALT ALLEY

MATCHING PS DISTRICT ALLEY PAVERS

TRANSITION ALLEY PAVER TO EX HMA ALLEY

SHORELINE ALLEY PAVER LAYOUT PER DETAIL 1 ON PG04 (TYP)

S WASHINGTON ST PERSPECTIVE

MATCHING PS DISTRICT ALLEY PAVERS

CONCRETE HEADER TO HOLD BRICKS IN PLACE
WARM MIX ASPHALT GRADE TRANSITION TO EX ASPHALT ALLEY

TRANSITION ALLEY PAVER TO EX HMA ALLEY

SHORELINE ALLEY PAVER LAYOUT PER DETAIL 1 ON PG04 (TYP)
SALVAGED BRICK AT ALLEYS
WASHINGTON ST AND PIONEER PASSAGE

STA 35+68.89
(32.4’ LT)

STA 35+84.5
(32.4’ LT)

WASHINGTON ST

NORTH ALLEY: NO SALVAGED BRICK.

SOUTH ALLEY: NO SALVAGED BRICK.

REMOVE BRICK SIDEWALK WITH SALVAGE

REMOVE PAVEMENT (FULL DEPTH)
SALVAGED BRICK AT ALLEYS
WASHINGTON ST AND PIONEER PASSAGE

PEDESTRIAN PATH OF TRAVEL

PROPOSED NEW BRICK PAVER AND STONE PAVER

NEW STONE PAVER
Supplier: Yellow Mountain Stone Works or Rhodes Architectural Stone
Color/Style: Grey Pearl Limestone with Adze finish or Herons Egg Granite Paver

NEW BRICK PAVER
Supplier: Mutual Materials
Color/Style: Roman Clay Paver - Mauna Loa color

MATCHING PS DISTRICT ALLEY PAVERS
**SALVAGED BRICK AT ALLEYS**

**MAIN ST AND FIREHOUSE ALLEY**

- **NORTH ALLEY:** No salvaged brick.
- **SOUTH ALLEY:** No salvaged brick.

**MAIN ST**

- Remove pavement, including brick with salvage.
- Remove pavement over 14" depth, including brick with salvage.

**FIREHOUSE ALLEY**

- Remove brick or cobblestone with salvage to base.

**GRADE TRANSITION AT SOUTH ALLEY:** Salvage brick and reinstall to match existing pattern.
SALVAGED BRICK AT ALLEYS
MAIN ST AND FIREHOUSE ALLEY

Pioneer Square East-West Streets Pedestrian Improvements
June 2022

Shoreline Interpretation    November 3, 2021 Studio Matthews

Paver designs depict waves on a coastline, with a unique pattern at each of the three intersections. In future phases, the waves can span the entire alleys, completing the "Shoreline Alley".

Qty: 3 intersections

Interpretation
Paver Wave Designs

S W Washington St Perspective

New Stone Paver
Supplier: Yellow Mountain Stone Works or Rhodes Architectural Stone
Color/Style: Grey Pearl Limestone with Adze finish or Herons Egg Granite Paver

New Brick Paver
Supplier: Mutual Materials
Color/Style: Roman Clay Paver - Mauna Loa color

RESET EXISTING BRICK
CONCRETE HEADER TO HOLD BRICKS IN PLACE
WARM MIX ASPHALT GRADE TRANSITION TO EX ASPHALT ALLEY
PEDESTRIAN PATH OF TRAVEL
PROPOSED NEW BRICK PAVER AND STONE PAVER

Transition Alley Paver to Ex Brick Alley

MATCHING PS DISTRICT ALLEY PAVERS
SALVAGED BRICK AT ALLEYS

MAIN ST AND NORD ALLEY

- North Alley: No salvaged brick.
- South Alley: No salvaged brick.

- Main St and Nord Alley: Remove pavement, including brick with salvage.
- Remove pavement over 14" depth, including brick with salvage.
- Remove pavement (full depth).
- Remove brick sidewalk with salvage.
SALVAGED BRICK AT ALLEYS
MAIN ST AND NORD ALLEY

PIONEER SQUARE EAST-WEST STREETS PEDESTRIAN IMPROVEMENTS
JUNE 2022
OWCP MIG

SALVAGED BRICK AT ALLEYS
MAIN ST AND NORD ALLEY

NEW STONE PAVER
Supplier: Yellow Mountain Stone Works or Rhodes Architectural Stone
Color/Style: Grey Pearl Limestone with Adze finish or Herons Egg Granite Paver

NEW BRICK PAVER
Supplier: Mutual Materials
Color/Style: Roman Clay Paver - Mauna Loa color

MATCHING PS DISTRICT ALLEY PAVERS

MATCHING PS DISTRICT ALLEY PAVERS

TRANSITION ALLEY PAVER TO EX BRICK ALLEY

PEDESTRIAN PATH OF TRAVEL
RESET EXISTING COBBLES
PROPOSED NEW BRICK PAVER AND STONE PAVER

PIONEER SQUARE EAST-WEST STREETS PEDESTRIAN IMPROVEMENTS
OWCP

JUNE 2022
OWCP
S KING STREET
EXISTING CONDITIONS: KING STREET
S KING STREET PLAN

S KING ST

ALASKAN WAY

FIRST AVE

DETECTABLE WARNING PLATE
SIDESWALK CONCRETE
SPLIT FACE COBBLE
ASPHALT

PRE-WEATHERED CAST IRON
NATURAL IRON PATINA
CAST-IN-PLACE, NON-SLIP
Supplier: TUFTILE

LIGHT GREY (LG) =
SOLOMON ONYX 920
OR SIMILAR APPLIED
AT 1% LOADING
BROOM SWEPT
SURFACE FINISH
TOOLED 2'X2' SCORE
JOMTS WITH NO SHINER

GRANITE SPLIT FACE FINISH
MAX DEFORMATION: 1/2"
Supplier: Marenakos Rock Center

WARM MIX ASPHALT

PACIFIC PURPLE MAPLE
ACER ORIGINATUM 'PACIFIC PURPLE'

PRIVET HONEYSuckle
LONCERA PLEATA

KINNINNICK
ARCTOSTAPHYLOS UVA-URSI

TUFTED HAIR GRASS
DESHAMPSIA CESPITOSA

YARROW
ACHILLEA MILLEFOLIUM 'MOONSHINE'

https://www.jfschmidt.com/introductions/pacificpurple/04010a.jpg
EXISTING GRANITE CURBS

YESLER WAY

WASHINGTON ST

MAIN ST

KING ST
GRANITE CURBS TREATMENT

YESLER WAY

WASHINGTON ST

MAIN ST

KING ST
AREAWAY LOCATIONS

YESLER WAY

WASHINGTON ST

MAIN ST

KING ST
CURB RAMP IMPROVEMENTS

YESLER WAY

WASHINGTON ST

MAIN ST

KING ST

- AREAWAY SUPPORT
- BY OTHERS
- NO AREAWAY SUPPORT NEEDED
IMPACTS + OUTCOMES SUMMARY:

- METAL DECK WITH CONCRETE SLAB AND SIDEWALK TO BE REMOVED (NOT HISTORIC).
- NEW SMOOTH CONCRETE FLAT SLAB WILL BE CONSTRUCTED AND SUPPORTED ON RUBBLE STREET WALL AND NEW CONCRETE COLUMNS.
- LIGHTS ANDpoles WILL REMAIN AND BE SUPPORTED WITH A CONCRETE BLOCK FOUNDATION.
AREAWAY IMPACTS FOR VISUALIZATION

EXAMPLE OF CONCRETE COLUMNS AWAY FROM STREET WALL SUPPORTING AN ELECTRIC VAULT.
Located in areaway 1603 at 3rd & Washington, SW corner in Pioneer Square.

EXAMPLE OF CONCRETE SLAB UNDER RAMP (PROPOSED RAMPS ARE LONGER THAN SHOWN).
Located in areaway A1301 at 1st & Washington, SE corner in Pioneer Square.
WASHINGTON AREAWAY. NW CORNER

YESLER WAY

WASHINGTON

MAIN ST

KING ST

FIRST AVE S

S WASHINGTON ST

APPROX. EXTENT OF AREAWAY

PIONEER SQUARE EAST-WEST STREETS PEDESTRIAN IMPROVEMENTS JUNE 2022

OWCP MIG

WASHINGTON AREAWAY. NW CORNER

KING ST

FIRST AVE S

S WASHINGTON ST

APPROX. EXTENT OF AREAWAY
IMPACTS + OUTCOMES SUMMARY:

- EXISTING HISTORIC BRICK ARCHES ON STEEL BEAMS WITH TIMBER SHORING.
- REMOVE BRICK ARCHES IN THIS LOCATION.
- NEW SMOOTH CONCRETE FLAT SLAB WILL BE CONSTRUCTED AND SUPPORTED ON RUBBLE STREET WALL AND NEW CONCRETE COLUMNS.
- LIGHTS AND POLES WILL REMAIN AND BE SUPPORTED WITH A CONCRETE BLOCK FOUNDATION.
WASHINGTON AREAWAY. SW CORNER

IMPACTS + OUTCOMES SUMMARY:
- EXISTING HISTORIC BRICK ARCHES ON STEEL BEAMS WITH TIMBER SHORING.
- REMOVE ONE BRICK ARCH.
- NEW SMOOTH CONCRETE FLAT SLAB WILL BE CONSTRUCTED AND SUPPORTED ON CONCRETE STREET WALL AND NEW CONCRETE COLUMNS.
- LIGHTS AND POLES WILL REMAIN AND BE SUPPORTED WITH A CONCRETE BLOCK FOUNDATION.
MAIN AREAWAY. SE CORNER

IMPLANT + OUTCOMES SUMMARY:
- EXISTING HISTORIC BRICK ARCHES ON STEEL BEAMS WITH TIMBER SHORING.
- REMOVE TWO BRICK ARCHES.
- NEW SMOOTH CONCRETE FLAT SLAB WILL BE CONSTRUCTED AND SUPPORTED ON BRICK STREET WALL AND NEW CONCRETE COLUMNS.
- LIGHTS AND POLES WILL REMAIN AND BE SUPPORTED WITH A CONCRETE BLOCK FOUNDATION.
PIONEER SQUARE
EAST-WEST PEDESTRIAN IMPROVEMENTS
REQUEST FOR CERTIFICATE OF APPROVAL

PIONEER SQUARE PRESERVATION BOARD
JUNE 2022