

# 90% CHECKLIST FOR SIP LITE PERMIT

Effective Date 3/24/22

SDOT Project #: \_\_\_\_\_ SDCI Project #: \_\_\_\_\_

Project/Site Address: \_\_\_\_\_

Applicant Name: \_\_\_\_\_

**I certify that my 90% complete street improvement plan meets all of the requirements of this checklist. I understand that my plans will not be accepted in for formal review if I fail to meet these requirements.**

Applicant Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Civil Engineer Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## **THE FOLLOWING CHECKLIST MUST BE COMPLETED AND SUBMITTED WITH THE SIP LITE STREET IMPROVEMENT PERMIT.**

**General Notes**

Standard SDOT General Notes are included on the plans

Y  N

Is SPU sewer or drainage infrastructure is being installed or modified?

If yes, the Standard SPU Sewer and Drainage Notes must be shown on plans

**Vicinity Map shown on Title Sheet** (always required)

Scaled at 1" = 200'

Area of work in the ROW is shaded

North Arrow is oriented to the top or left of the page

Sheet Numbers are identified on the Vicinity map

**SDOT SIP Title Block used for all sheets** (always required)

Filled out per CAM 2201

Plan has Engineer's Stamp on it

Bar Scale is shown and scaled correctly (always required)

Horizontal Scale is 1"=10' (always required)

Each street frontage is labeled with the street name

**Survey and Basemap**

Y  N

Does your project have curb ramp improvements and or frontage improvements that are less than 2,000SF?

A topographic surveyed distance of 50' from the point of tangent is required at each corner where curb ramps are triggered. The entire intersection including all four corners up to the far point of tangency of each curb return or roadway edge must be included in the survey for projects adjacent to an intersection.

Provide the datum chosen for the survey:

NGS Datum

Local Benchmark (provide at least 2 local reference points to the assumed datum).

The SDOT survey checklist and basemap is not required for these improvements.

or

Y  N

Are you restoring sidewalk along an areaway that is <2,000 SF?

A Geotech report is required if the work directly or indirectly affects the foundation of existing areaway.

The SDOT basemap and survey checklist per CAM 2212 is not required for these improvements.

Y  N

Are you developing an existing unimproved or unopened alley?

If yes, new [combined survey and basemap](#) shall be provided.

Y  N

Are you installing a new curb as an infill development that is less than one block and less than 2,000 SF.

If yes, new [combined survey and basemap](#) shall be provided.

Base map is screened back and readable on the plan sheets

Minimum Lettering size is 0.12" for improvements and dimensions and 0.08" for base maps (always required)

**Pavement Sidewalk and Curbs**

All curbs are shown.

All cement concrete sidewalks are shown and identified.

All pedestrian pathways are shown.

All driveways are shown including the wings and the elevations at the flow line, back of walk, and property line are noted.

The edge of existing pavement is shown.

All curb ramp locations are shown including wings and truncated domes.

Spot elevations are shown for each side of the curb ramp at the flow line, top of curb ramp, and property line for all existing curb ramps.

**Station, offsets, and dimensions** (always required)

Stations and Offsets or dimensions are shown for all elements (offsets are not required for catch basins or inlets)

Stations are provided at beginning and end points and include elevations

Stations are provided at match points and include elevations

**Building Outline** (always required)

Building outline is shown on the plans

All access points, both vehicular and pedestrian, are shown on the plans

Elevations for flow line, top of curb, back of walk, and property line are provided for all access points at each end of the access point

- Contour Lines** (always required)
  - All existing and proposed contour lines are shown
  - The plans show how the finished contours tie into the existing contours
- Flow Lines Shown** (always required)
  - Plans show how drainage from project flows to an existing or new catch basin or inlet
- Inlets**
  - Called out per Standard Plan
  - Rim and Invert elevations are provided
  - Connection to a catch basin is shown
  - Pipe type, length, and slope is provided
- Catch Basins**
  - Called out per Standard Plan
  - Rim and Invert elevations are provided
  - Connection to the main or other outfall is shown
  - Pipe type, length, and slope is provided
- Side Sewer and Service Drain** (only required if service connection is located on a frontage that is being improved)
  - All Side Sewer and Service Drain connections are shown and called out "Under Separate Permit"
  - Estimated invert elevation at the connection to the main is shown
- King County Sewer Mains**
  - All King County Sewer Mains are identified and called out as King County Sewer including the size and material.
  - All connections to King County Sewer lines are shown and called out as "Under Separate Permit"
- Water Meters** (only required if water service connection is located on a frontage that is being improved)
  - The location of all proposed water meters is shown and called out "Under Separate Permit"
  - All proposed water meters are located outside of the pedestrian corridor.
  - All water meters are labeled as existing, new, to be retired, or to be reused. (if retiring show associated pavement restoration)
  - The type and size of all water meters are provided and drawn to scale
  - Provide cross section for both water and fire services.
- Water Vaults** (only required if water service connection is located on a frontage that is being improved)
  - The location of all proposed water vaults are shown
  - All proposed water vaults are located outside of the pedestrian corridor.
  - All water vaults are labeled as existing, new, to be retired, or to be reused. (if retiring show associated pavement restoration)
  - The type and size of all water vaults are provided and drawn to scale
- Curbs to be repaired or replaced in the same location**
  - Called out per Standard Plan
  - Correct Standard Plan called out for the pavement section

**Vertical Curves**

- All vertical curves are shown and identified in the profile
- Vertical curves dimensions are identified
- PVI's are labeled with station and elevations
- Stations and elevations for beginning and end points are identified

**Grade Breaks**

- Grade breaks are shown and identified in the profile and include a station and elevation

**Proposed New Roadway or Alley or New Curb where one did not exist**

- Cross Section are provided every 25 feet

**Revising Grade of Existing Roadway or Alley**

- Cross Section are provided every 25 feet

**Signage**

- The location and type of all proposed signage is shown and identified

**Profile**

- Y  N

Is the project installing a new curb where a curb did not exist?

- Profile is provided above the plan view and lines up with the plan view

- Y  N

Is the project modifying the horizontal curb alignment?

- Profile is provided above the plan view and lines up with the plan view

- Y  N

Is the project installing 6 feet or greater of roadway widening with no existing curb?

- Profile is provided above the plan view and lines up with the plan view

- Y  N

Is the project improving an unimproved or unopened ROW?

- Profile is provided above the plan view and lines up with the plan view

- Y  N

Is the project upgrading or modifying the pavement surface type or changing the grade of existing pavement surface?

- Profile is provided above the plan view and lines up with the plan view

- Y  N

Is a profile required per any of the above requirements?

- Vertical Scale is 1" = 5'

- Top of Curb, Centerline of roadway, and slopes are shown and identified

- Crown of roadway is shown and slopes are identified

- Existing and proposed utilities are shown and identified

- Existing and proposed utility crossings are shown and identified

**Unimproved Alleys**

- Plan, profile, and cross sections are provided.

- The pavement type for the alley is indicated.

- A Drainage Report with calculations is provided.

- The drainage system for the alley is shown in both plan and profile.

**Closed Contour Alleys**

- Plan, profile, and cross sections are provided. The pavement type for the alley is indicated.
- A Drainage Report with calculations is provided. The drainage system for the alley is shown in both plan and profile.
- If the public alley drainage will discharge onto private property a Hold Harmless Agreement is provided.
- Any proposed easements, private or public, are shown and identified.

**Pavement Restoration**

- Section as specified in the Right-of-Way Opening and Restoration Rule.
- All cuts are perpendicular and/or parallel to the centerline of the roadway
- Y  N  
Is the Pavement Restoration PCC?
  - Joint layout is shown for intersection areas
- Y  N  
Are there trenches for Utilities?
  - Extent of restoration is shown
  - Restoration area is per the Right of Way Opening and Restoration Rule (ROWORR)
    - Restoration area includes the entire zone of influence (Minimum  $5' + 2(d/4)$ )
- Y  N  
Does the pavement restoration include an Existing Drainage Structures (catch basins or inlets)?
  - Upgrading the structure and connection to the current standard is shown and called out
- Y  N  
Is the pavement restoration area within a marked crosswalk?

Restoration for the pavement area and the entire crosswalk markings are shown

Y  N  
Is 6' or more of pavement being restored within an existing marked crosswalk?

Required Stop Bar is shown and called out

**New or Modified Driveway**

- Called out per Standard Plan 430
- Elevations at flow line, back of walk, and property line are provided for each end of the driveway
- The driveway is located a minimum of 5 feet from the extended property line
- Y  N  
Is the project located Downtown?
  - The driveway is located a minimum of 40' from the projected curb line of the nearest intersection

**Landscaping and Street Trees**

- All existing trees and planting areas within and adjacent to the ROW are shown.
- The drip lines of all existing trees are shown.
- All required and proposed trees within the ROW are labeled with size and species
- Proposed modification to existing tree pits are shown
- All proposed tree pits are dimensioned
- All landscaping within the right of way is shown and identified
- Proposed paved planting strip area is shown and the materials are identified
- Y  N  
Is there green factor in the ROW?  
Yes - Include the Landscape Architectural sheets  
No - Include any tree information on the Civil Plans

**Cross Sections**

- Provided for each street frontage on plans
- Elements in the cross section are labeled (curb, sidewalk, etc.)
- Elements in the cross section are dimensioned
- Pavement sections are identified in the cross section and meet the ROWORR
- Type, size, elevation, and clearance of existing utility crossings are provided in cross sections

**Curb Ramps**

- All existing and new curb ramps are shown
- New (or retrofitted) curb ramps are called out, per City of Seattle Standard Plans for Municipal Construction
- Any curb ramps that were built before 2017 that the project is proposing to retain need to meet all the existing curb ramp criteria by clearly showing the existing surveyed elevations and slopes and filling out an Existing Curb Ramp Inspection Form found here: [www.seattle.gov/Documents/Departments/SDOT/Services/ExistingCurbRampInspectionFormInstructions.pdf](http://www.seattle.gov/Documents/Departments/SDOT/Services/ExistingCurbRampInspectionFormInstructions.pdf)
- Existing Companion Ramps identified and labeled existing, existing to be retrofitted, or new and called out per standard plan. Any existing companion ramps to be retained need to meet SDOT's ADA Policies and Technical Memoranda's found here: [www.seattle.gov/transportation/permits-and-services/make-an-ada-request#currentsdotadapoliciesandtechnicalmemoranda](http://www.seattle.gov/transportation/permits-and-services/make-an-ada-request#currentsdotadapoliciesandtechnicalmemoranda)
- Curb ramps are dimensioned and labeled per the Street Use Curb Ramp Template to a scale of 1" = 5'.
- A minimum 1-foot separation between curb ramps is provided
- A minimum 1-foot clearance from the ramp to any vertical obstruction is provided

- Two ramps are provided at each corner
- Curb ramps are dimensioned along the curb face (ramp and wings)
- Spot elevations are provided at the flow line, top of curb, top of ramp and at the back of sidewalk at 5-foot intervals, and at all corner points of the ramp, wings and landing
- The wing slope is shown and does not exceed 1:10. See the SDOT Policy for Curb Ramp Flares/Wings where existing roadways have steep slopes or other site constraints.
- The ramp slope is shown and does not exceed 1:12 (8.33%)
- Required Maximum Extent Feasible (MEF) documentation has been provided. See the SDOT Policy for MEF Documentation for Curb Ramps for more information.
- Curb ramp shall be shown according to the new curb ramp template shown on SDOT website.
- The slope adjacent to the sidewalk is greater than 2:1 or there is a vertical drop of more than 2.5' within 4' of the edge of the sidewalk
- A handrail or fence is provided
- To identify which curb ramps your project triggers refer to the Right of Way Opening and Restoration Rules and SDOT's ADA Policies and Technical Memoranda's found here: [www.seattle.gov/transportation/permits-and-services/make-an-ada-request#currentsdotadapoliciesandtechnicalmemoranda](http://www.seattle.gov/transportation/permits-and-services/make-an-ada-request#currentsdotadapoliciesandtechnicalmemoranda)