

UTILITY MAJOR AND RESTORATION PLAN CHECKLIST FOR UTILITY MAJOR PROJECTS

Effective Date 9/5/17

THE FOLLOWING CHECKLIST MUST BE COMPLETED AND SUBMITTED WITH ALL REQUIRED APPLICATION MATERIALS

COVER SHEET REQUIREMENTS

- Vicinity Map**
 - Sized appropriately to clearly indicate the location of the work within the city
 - Area of work in the ROW is shaded
 - North arrow is oriented to the top or left of the page
 - Sheet numbers are identified
- Sheet Index**
- Contact Information**

GENERAL NOTES REQUIREMENTS

- General Notes**
 - 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
 - Y / N Is SPU Water Main Infrastructure is being installed or modified?
 - If yes, the Standard SPU Water Main Notes must be shown on plans
 - Y / N Is Lighting or Signal infrastructure is being installed or modified?
 - If yes, the Standard Lighting and Signal Notes must be shown on plans

UTILITY AND RESTORATION PLAN REQUIREMENTS

- Plans are 22"x34"** and have a title block
- North Arrow** is provided on all sheets and oriented to the top or left
- Bar Scale** is shown and scaled correctly
- Horizontal Scale** is 1"=10' or 1" = 20'
- Vertical Scale** is 1"=5' (if a profile is required)
- Washington State Professional Engineer Stamp**
- Base Map** (Existing Conditions) is:
 - Screened back and readable on the plan sheets Topographic information extends from roadway centerline to adjacent property line
 - Existing surface infrastructure is shown from the roadway centerline to the adjacent property line
 - Existing utilities must be shown within 15 feet of each side of the proposed work
- Cuts are perpendicular or parallel** to the centerline of the roadway
- Utility services, ducts, or mains are shown and labeled** with length, type, and size
- Utility structures are labeled** with type, size, and COS standard plan (if applicable)
- Station and Offsets or Dimensions** are shown for all proposed elements (offsets are not required for catch basins or inlets)
- Extent of restoration** is shown for all surfaces and labeled with size and type

Cross Sections

- Provided for each street or alley 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

Landscaping and Street Trees

- All existing trees within and adjacent to the right of way are shown
- The drip line of all existing trees is shown
- All existing planting areas within the right of way are shown

Y / N Is utility work being installed with directional drilling?

- Profile is provided aligned with the plan view
- Existing and proposed utilities are shown and identified on plan and profile

Y / N Are there curb ramps installations?

- 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](#)
- Companion ramps are identified and labeled as existing, existing to be retrofitted, or new and called out, per [City of Seattle Standard Plans for Municipal Construction](#). See [SDOT Companion Ramp Requirements](#) for more information.
- 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, when feasible
- 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.