

# 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.