

(Revised June, 1998)

PLAN REQUIREMENTS FOR
CONSTRUCTION IN PUBLIC RIGHT OF WAY

Seattle Transportation reviews construction work proposed for streets and other public rights of way in Seattle. When this work is performed under a private contract (see *Publication 461*) rather than a contract with the City of Seattle, the project plans must meet the standards and requirements in this publication.

Drafting Standards

1. **Mylar Sheets** - Use City of Seattle, Seattle Transportation mylar sheets. Obtain these from Street Use, Seattle Transportation, Room 501, Seattle Municipal Building, 600 4th Avenue. All sheets must be accounted for. The standard sheet size is 22 inches x 36 inches. An Autocad title block is available on our web site or by bringing an IBM formatted 3.5 inch 1.44MB floppy to pick up a copy.
2. **Engineer's Seal** - Place the Professional Engineer's seal and original signature in the blocked area on the lower left portion of the sheet; also, the engineer's name, address and phone number.
3. **Title Block** - Use the following format for the title block in the lower right portion of the sheet: "MAIN STREET, et al" (first line), "STORM DRAIN, etc." (second line). This means the project is principally located on Main Street and primarily consists of storm drain improvements. See the sample plan title.
4. **Ink and Screening** - Draw in ink or use permanent photo mylar (no "sticky-back" or pasted pieces on Final Mylar). Screen the base map which shows existing improvements.
5. **Survey Datum** - Use City of Seattle Datum for survey information. Reference City of Seattle Field book for benchmark used on plan.
6. **Dimensions** - For all existing and proposed improvements, locate and show dimensions to City of Seattle survey monuments, monument lines, or street centerlines. Dimensioning must be done by stationing and offsetting from these control lines.
7. **Scale** - For scales, use Horizontal 1" = 20', Vertical 1" = 10'. For business districts, and Downtown use Horizontal 1" = 10'.
8. **Compass Orientation** - Draw the plan so the north arrow points to the left or to the top of the sheet.
9. **Vicinity Map** - Include a vicinity map on the cover of or first sheet of the plans with a scale no less than 1" = 200'. Shade vicinity map in area of scope of work and number the pages.
10. **Lettering** - Use of a lettering guide is preferred but very neat, legible, free hand lettering is acceptable. The minimum letter size is 1/8 inch. This will ensure the plan is still legible after microfilming or reduction to one-half size.
11. **Symbols** - Use the standard symbols given in Standard Plans 002 and 003, *Standard Plans for Municipal Public Works Construction*, 1991 edition (available from the Public Information Counter, 5th Floor, Seattle Municipal Building).

Information Required

1. **Grades** - Unless the street or alley is already improved to full street standards (concrete curbs, sidewalks, paving), request a "building grade sheet" from Seattle Public Utility through Department of Construction and Land Use, Zoning Reviewer. Include this building grade sheet with your plans. The grades shown on the plan must agree with the building grade sheet, or be approved by the Seattle Transportation.

All profiles and cross sections must show the proposed grade as well as the existing grade. Show in the profile: centerline, top of curb, back of walk, access points along property, floor slab elevations, underground water mains, etc.

2. **Existing Improvements and Topography** -Show *all* existing underground and surface improvements and topography in proximity to the proposed project. This information must be shown for the full width of the adjacent right of way, and at least 50 feet from the boundaries of the proposed project, to show possible impacts on neighboring properties.

Obtain information for existing surface and underground improvements at the "Engineering Records Vault," 8th Floor, Seattle Municipal Building. The "Vault" has information on public sewers, public storm drains, curbs, sidewalks, grading, City Light, telephone, cable TV, steam, and natural gas.

For information on sanitary side sewers and service drains, see the Seattle Transportation Street Use Counter, Room 501, Seattle Municipal Building, or call 684-5283. Obtain other private and public utilities information at the same location.

3. **Sewer, Water, and Drainage** - Provide profiles of all proposed sewer, water, and drain lines. Show existing underground improvements where they cross or connect to the new improvements.

Show the storm water drainage discharge point to a public system or natural water course. Provide drainage system details whether or not detention of storm water is required.

Contact the Seattle Public Utility - Water to learn its requirements, 684-5978.

4. **Photos** (Optional) - Submit photographs of the project site if these will help the Seattle Transportation review process.

For more information, contact the DLCU Permit Center, 720 2nd Avenue, for more information about:

-building grade sheets

Contact the Private Contract Project Analyst at the Seattle Transportation, Street Use Counter, Room 501, Seattle Municipal Building, or call 684-5044 for more information about:

-street design

-sanitary sewer design

-street trees and landscaping

-drainage design