

PART TWO

SEWER DESIGN GUIDELINES

General.

Part Two of the Pipeline Design Manual covers the minimum standard design criteria to be followed when preparing the design of sewer pipelines and appurtenances within the Washington Suburban Sanitary District (WSSD). Use this part in conjunction with Part One, Water Design Guidelines and Part Three, Common Design Guidelines. Although this manual is intended as a guideline, it is the Designer's responsibility to review and verify the applicability of all material presented herein as it pertains to the specific project under design.

The portions of the sewer system, which are considered as the property and responsibility of the WSSC, are the sewer pipelines, appurtenances and those portions of the sewer service connections which lie in public right of way and in right of ways granted to the WSSC. All other systems are in most cases, the responsibility of the respective property owner(s).

For projects that are constructed and maintained by WSSC, WSSC will indicate the size and limits of the sewer pipeline(s) and appurtenances to be designed and constructed. The WSSC Design Criteria for Sewer Distribution Systems are found in Two, Appendix C.

In the preparation of the contract documents, the Designer will take into full account such matters as environmental impact, public impact including maintenance of pedestrian and vehicular traffic, maintenance of existing and proposed utility services, constructability, and system maintenance to produce the most cost-effective design.

