

outlays, delineating the ownership patterns for these outlays and their sources of financing. Section (D) presents projections of capital requirements for the facilities over the next decade, with appropriate explanation of the "need" considerations taken into account. To the extent possible, expected ownership patterns and sources of financing for the anticipated capital requirements are also shown. (The standard chapter outline used by the chapter writers is reprinted in the section "Supplementary data," pp. 20-21.)

The purpose of each chapter is to present a factual description of the particular public facility to the extent data are available. In a number of instances such data are sufficient to permit the authors to comply fully with the prescribed chapter outline. In other cases, as evidenced in various chapters, there is a paucity of information available and the authors had to condense accordingly.

Public service needs reflect a series of subjective judgments regarding quantitative and qualitative standards of performance, which may not be acceptable to all. Hence, each author was requested to state explicitly the standards of performance deemed appropriate for the particular facility. Moreover, in projecting capital requirements to reflect future needs, the author was requested to describe the factors taken into account in making the projections. In most chapters these subjective judgments are clearly delineated so that users of the study may make adjustments, if they deem it desirable, in the underlying assumptions. In other chapters, however, the authors presented their considered opinions, without identifying the assumptions and judgments.

5. *General Chapters*

Three general chapters are presented in the first section of this volume to provide a frame of reference for the specific public facility category chapters that follow. The first chapter describes the relative importance of State and local public works expenditures to gross national product during the years 1946-65 and provides "best judgment" projections of the volume of such expenditures that may be expected during 1966-75.

The second and third chapters describe, respectively, the material and labor requirements for State and local public works during the years 1946-75. These two chapters, at least with respect to the projections for 1966-75, are tied to the projections contained in the first chapter.¹⁷ In addition, the chapters examine the importance of State and local public works construction to the material supply, industries and construction employment, trace for the years 1946-65 changes in the capacity of the building materials and construction industries and in the volume of construction employment, automation trends in these industries, cost-price developments, and the adequacy of technically skilled labor to administer the intended public services so as to avoid underutilization of the public facilities capital plant.

¹⁷ These three chapters have been interrelated to assure consistency as to projection assumptions. However, since the writers of these three chapters did not have access to the "capital requirements" projections, that were being prepared simultaneously by those writing the chapters on the specific public facility categories, they could not take them into account. The reader, having all these materials at hand, can determine, as appropriate, whether the future supply of construction labor or materials might constrain meeting the various needs, assuming financial resources are available.