

## Chapter Five

### Capital Improvements and Infrastructure

---

#### 5.1 Introduction

The planned expenditures for infrastructure and capital equipment requirements for the immediate future are provided in the *Territory of American Samoa, Capital Improvements Plan 2002 - 2006*. The plan was completed in November of 2000, authorized by the Governor and submitted to the Department of the Interior, Office of Insular Affairs (OIA), as a requirement for receiving annual funding awards.

A summary of the capital improvement plan is provided in this chapter after a brief explanation of the plan's purpose and formulation. The funds received from the Department of the Interior will not be sufficient to cover all of the Territory's needs for 2002 through 2006, therefore, government agencies and authorities will seek and receive other sources of funding.

#### 5.2 Summary of Capital Equipment, Improvements and Infrastructure Funding

##### 5.2.1 Department of the Interior, Office of Insular Affairs

The proposed Capital Improvements Program (CIP) budget and projects for the five-year period, 2002 to 2006, are based upon a present funding level of \$10,140,000 per year that is provided by U.S. Congressional Covenant legislation. This level of funding is expected to remain unchanged until Congress revises the legislation.

The CIP Committee has chosen to maintain the same level of funding for priorities that was established in 1995. That is, health, education, safety and utilities will receive the bulk of available funding. Although economic development has been elevated in overall importance, the Committee anticipated that economic development infrastructure could be provided by supplementary funding from the U.S.

Congress.

Because the \$10.14 million level of funding will not satisfactorily contribute to the Territory's infrastructure requirements for economic development, the CIP Committee will submit a supplementary request to Congress for additional funding.

#### 5.2.2 Other Sources of Capital Improvement Funding

Additional sources of financial assistance for capital improvements and infrastructure are expected to be received from the:

- U.S. Department of Transportation, Federal Highway Administration funds for the construction and improvement of the Territory's highways and secondary roads at an average of \$3.2 million per year;
- Federal Emergency Management Administration delinquent insurance payments to be applied to the shoreline protection valued at \$8.5 million;
- U.S. Environmental Protection Agency for construction of water supply at \$180,000 and sewer systems at \$800,000 per year;
- U.S. Department of Housing and Urban Development, Community Development Block Grant grants for community development projects at \$1.0 million per year;
- Economic Development Administration grants for development of an Agriculture Market in Fagatogo and fish processing facilities in Tafuna at \$2.5 million.
- Bond funding in the value of \$3.0 million to support the expansion of the Tafuna Power Generation Station and the purchase of generation equipment.

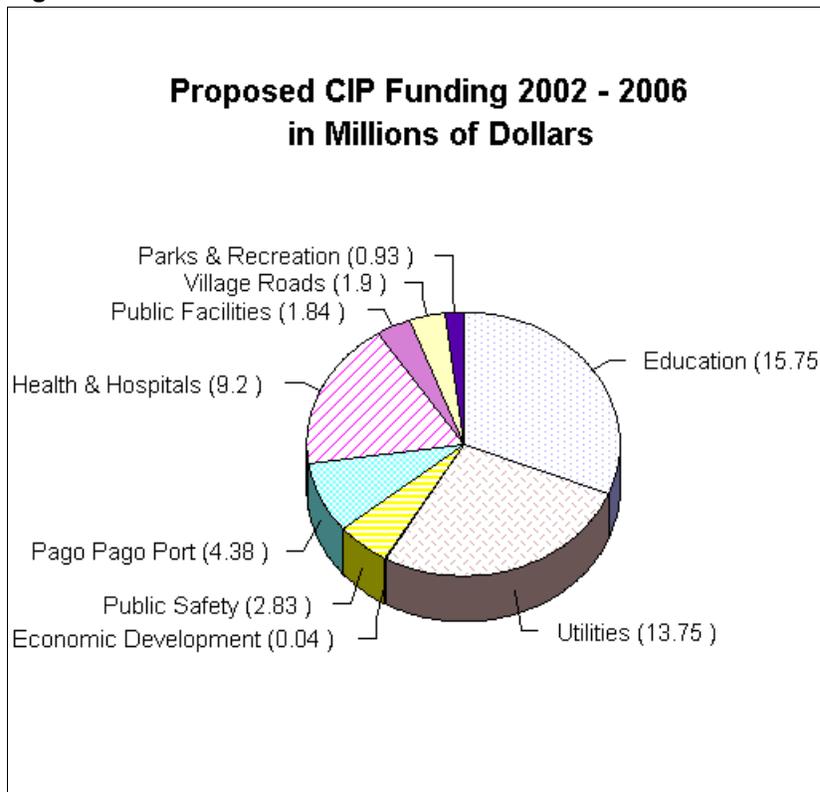
**5.2.3 Summary of Infrastructure Funds from all Sources 2002 - 2006**

Figure 9.1 shows the amount of funding expected to be received from the Department of the Interior, Office of Insular Affairs, for the five year period, 2002 to 2006. This is the amount shown in the Capital Improvements Plan, 2002 - 2006. It does not represent the total amount expected.

Figure 5.2 shows the total amount of funding expected for the plan period. It includes the proposed \$50.8 million dollars from the Department of the Interior and other Federal sources.

The additional funding of \$32.0 million, listed in section 9.2.2, will bring the total projected capital improvements funding to \$82.0 million for the plan period 2002 to 2006.

**Figure 9.1**

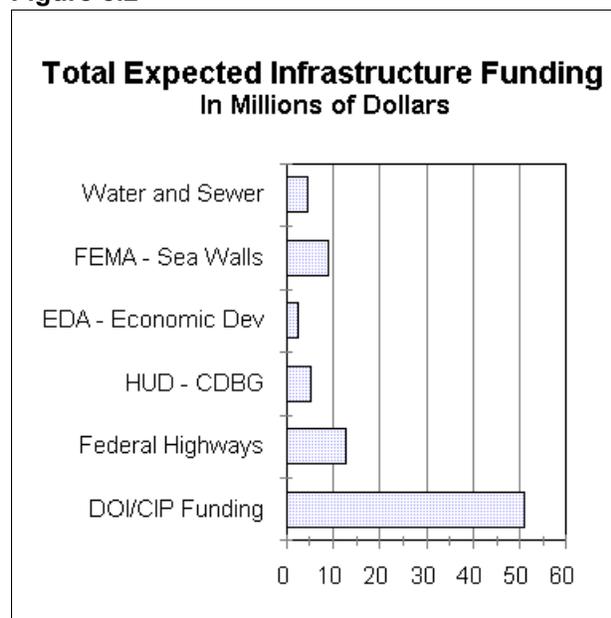


**5.3 Capital Improvements Planning Process**

In 1993, at the direction of the Governor, the American Samoa Government began a concerted effort to strengthen the capital improvements management process by initiating a Capital Improvements planning process, that included the assignment of Technical Advisors to the Capital Improvements Committee and the establishment of a CIP project management and tracking system. The Technical Advisors were given the task of formulating a five-year plan for the use of Department of Interior awards for infrastructure development.

After a lengthy needs assessment that identified and ranked the Territory's infrastructure and capital equipment requirements for 1996 through 2001, the Technical Advisors created, and the Committee approved, a plan which guided the use of the Department of Interior awards for the five-year plan period, 1996 to 2001.

**Figure 5.2**



The purposes of the CIP program as stated in the 1995 Capital Improvements Program Plan were given as, and continue to be the government's ability to:

- provide continuity in carrying out long-term CIP development strategies;
- coordinate public facilities development;
- improve the cost effectiveness of capital improvement projects; and
- maximize the potential for CIP funding.

The Committee continues to achieve these purposes through the Technical Advisors and a CIP Coordinator by:

- identifying infrastructure needs throughout the government;
- formulating periodic government-wide capital improvement plans;
- securing funding from the Department of the Interior through annual budget requests;
- authorizing the release of funds for agency CIP projects; and
- monitoring the management of CIP funded projects of agencies receiving awards.

In 1995 the CIP Committee chose to allocate seventy-five percent of the funds to what it determined as First Order Priorities, i.e., health, education, safety and utilities.

#### 5.4 Statement of Needs

In March 2001 the Technical Advisors began a second comprehensive assessment of the infrastructure and capital equipment needs of the Territory for the five-years, 2002 to 2006. The assessment attempted to cover all necessary projects, regardless of actual or potential funding sources, except the enterprise systems that were already self-sustaining, e.g. the American Samoa Telecommunications Authority.

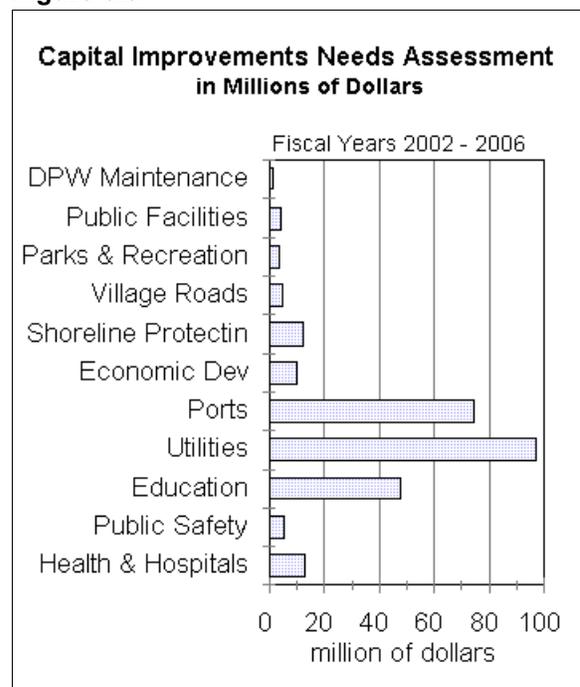
The Needs Assessment conducted in 2001 should be considered in perspective, as part of a

long-term public facilities development strategy that began with the first CIP Plan of 1995. While the Capital Improvements Program Plan for 1996 through 2001 has proved an effective tool to guide the development of the territory's infrastructure, the funds to satisfy the complete needs of the territory had not become available. Based upon the projected capital improvement needs of \$385.0 million for the five-year period 1996 - 2001, less than fifteen percent of that value had been awarded for capital improvements by the end of the plan.

Thus, this second five year plan period begins with the unmet needs identified in the first six-year plan, plus the infrastructure requirements identified in the second-round Needs Assessment. For the five-year plan period beginning in fiscal year 2002, the Capital Improvements Committee estimated a total capital equipment, capital improvements and infrastructure need of approximately \$273.0 million. These funds did not include Federal highway estimates of need.

Figure 5.3 identifies the needs by category.

Figure 5.3



## 5.5 Capital Improvements by Category from U.S. Department of the Interior

The following charts provides information on the manner in which Department of Interior awards for capital improvements will be allocated for the CIP Plan 2002 to 2006. The values are in year 2000 U.S. dollars for the entire five year period and are not adjusted for inflation. The Capital Improvements Plan separates the funding on an annual basis. Refer to the Plan for a year by allocation.

### 5.5.1 Health Care

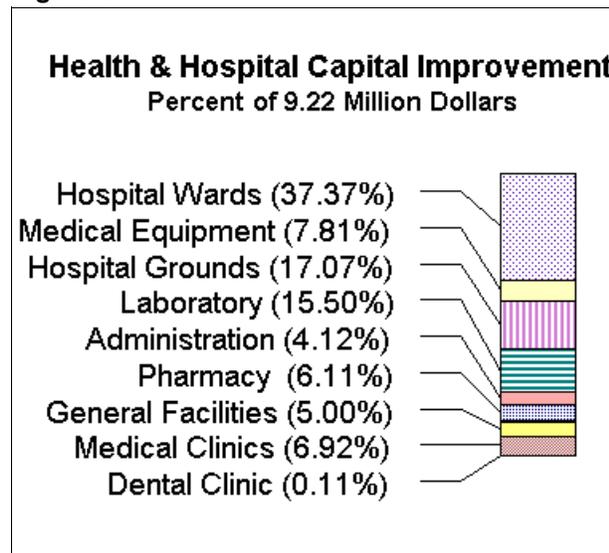
The CIP Committee has allocated \$9.22 million for health care for the plan period. The hospital authority will receive ninety-seven percent of funds.

#### 5.5.1.1 American Samoa Hospital Authority

The hospital authority will be refurbishing the medical center over the next five years. Over one-third of the funding for the medical center will be used to rehabilitate the wards. Rehabilitation of the administration offices, the pharmacy and general facilities will take another fifteen percent

New facilities include a High Court mandated mental health facility and a laboratory, histology-cytology lab and darkroom. New construction is projected to be consume twenty percent of the total allocation.

Figure 5.4



### 5.5.1.2 Department of Health

The Department of Health will receive \$255,000 in 2005 for the rehabilitation of the administration offices and construction of a new laboratory.

The Department of Health will request the Department of Commerce to apply for about \$2.5 million of Community Development Block Grant funds between 2002 and 2006 to cover the cost of building two new health clinics.

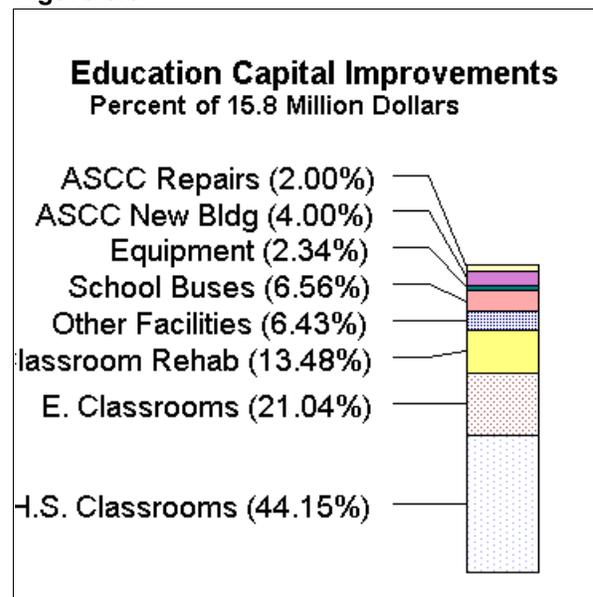
### 5.5.2 Educational System

The CIP Committee has allocated \$15.8 million for the five year plan period to the category of education. The Department of Education will receive approximately ninety-five percent of the funding.

#### 5.5.2.1 Department of Education

The Department of Education will use two-thirds of its five year plan funding for the construction of new classrooms. Roughly two-

Figure 5.5



thirds of the new classroom construction will be for high schools. A further thirteen percent will be for elementary school classroom rehabilitation.

### 5.5.2.2 American Samoa Community College

The American Samoa Community College is slated to receive only six percent of the total education award. These funds will be used for repair of facilities.

### 5.5.3 Department of Public Safety

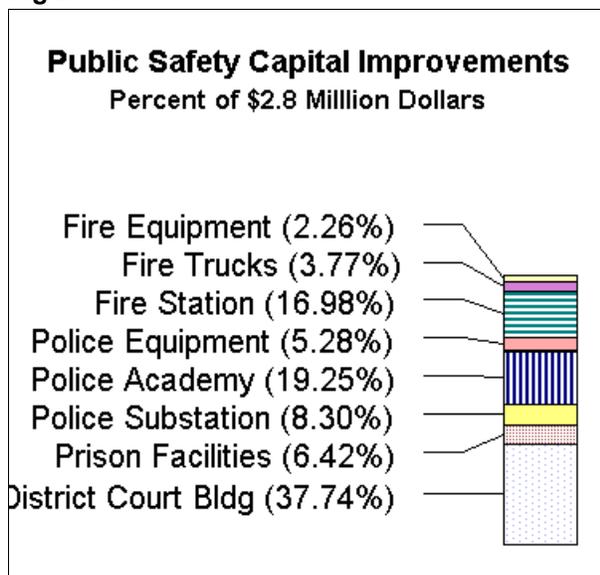
The Department of Public Safety will receive a total of \$2,8.0 million. The funds will be divided between the High Court, the Police, Corrections and Fire Divisions.

The District Court Building was condemned in 2000 and is not usable. The CIP Committee has allocated \$1.0 million over two years to build a new District Court Building compatible with the newly refurbished Court House.

The Police will receive about one-third of total funding for a Manu'a substation, a Police Academy, and the purchase of computer equipment.

Corrections will receive six percent of funding

Figure 5.6



for prison repairs and the fire department will receive the remainder, or twenty-three percent for a new fire station in Tafuna, fire trucks and fire equipment.

### 5.5.4 Utilities

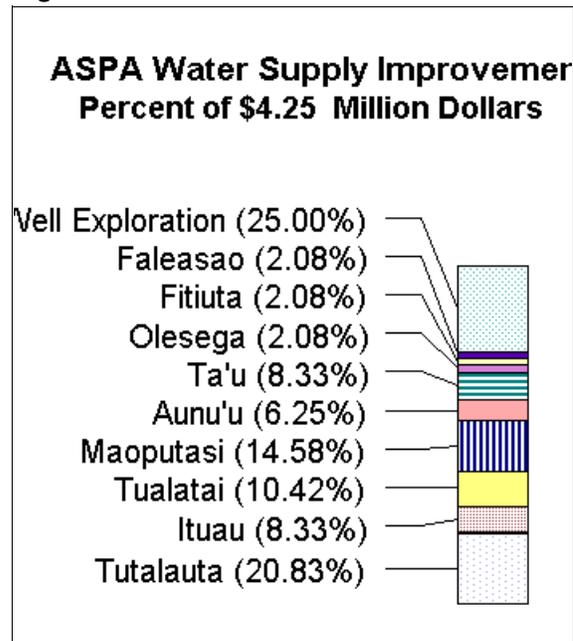
The American Samoa Power Authority will be allocated \$13.75 million for water system, sewer system and solid waste (Futiga Landfill) improvements.

#### 5.5.4.1 Water Supply

ASPA will receive \$4.25 million over the six years, 2002 - 2007, to carry out water well exploration and install water lines in nine areas throughout the Territory.

Figure 5.7 shows the value of improvements by area. Tualauta County will receive the most, or twenty percent of all the

Figure 5.7



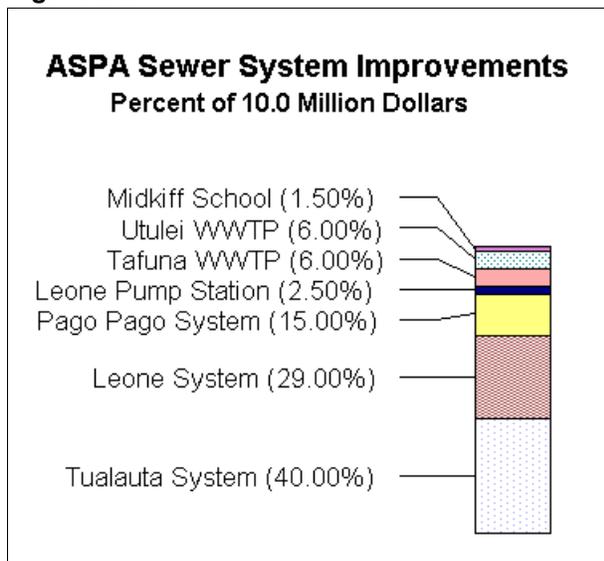
counties and villages.

#### 5.5.4.2 Sewerage System

ASPA will receive about \$10.0 million over five years to construct sewer lines and improve pumping stations, primarily in the Western District, although the Pago Pago Bay sewer system will be allocated fifteen percent of total funding for improvements and extensions.

Refer to Figure 5.8 on the next page for sewer construction funding.

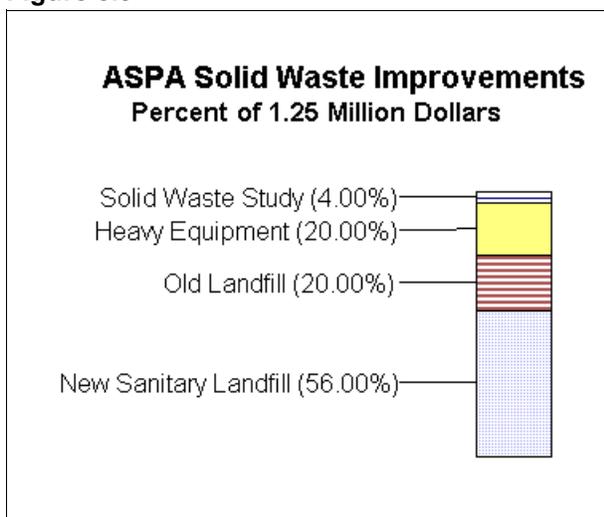
**Figure 5.8**



**5.5.4.3 Solid Waste**

ASPA will receive \$250,000 per year for finishing construction of the existing landfill at Futiga and for the study and construction of a new sanitary landfill, including the purchase of heavy equipment.

**Figure 5.9**



**5.5.5 Transportation**

**5.5.5.1 Airports**

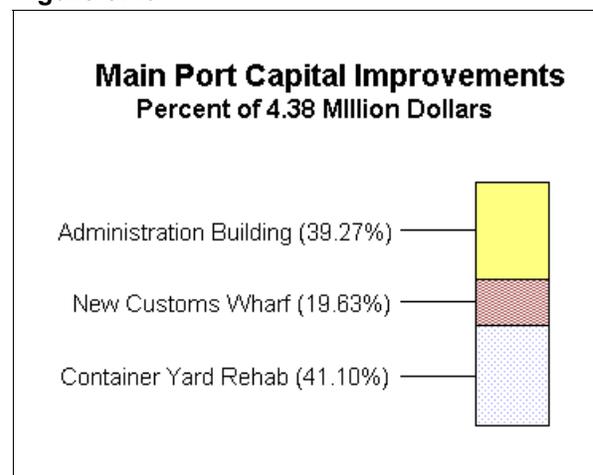
No funds for the improvement of the airports have been allocated out of the CIP funds. However,

the Federal Aviation Administration has provided grants for the extension of Fituita and Ofu airports of the Manu'a Islands. The airport will use Passenger Service Fees will be used to improve all airport facilities.

**5.5.5.2 Sea Ports**

The main port in Pago Pago Harbor has been allocated \$4.38 million dollars for 2002 - 2006. The funds will be used for rehabilitation of the container yard, construction of a new container wharf and new Port Administration building.

**Figure 5.10**



**5.5.5.3 Village and Secondary Roads**

The Department of Public Works, has identified eight village roads that will be constructed from 2002 through 2006.

- Fagatogo DPS Access Road
- Petesa-Happy Valley Road
- Aoloau Village Road
- Papa Tai Road in Nu'u'uli
- Vaitogi Road to Larson Cove
- Tula Village Road
- Auto Village Road
- Futiga Village Road

The annual funding level is \$380,000 for a five-year total of \$1.9 million.

### 5.5.6 Economic Development

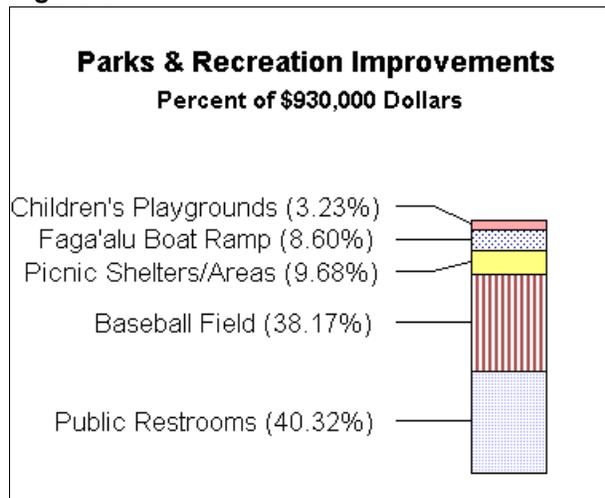
The Department of Commerce will receive \$40,000 in 2003 which will be put toward the purchase of equipment for storage of fish and agricultural products in the new Farmer's Market, constructed at the site of the present market

### 5.5.7 Parks and Recreation

The Department of Parks and Recreation has been allocated \$930,000 for the period of the plan. The department requested that fiftypercent of the funds be used for recreational park restoration. This includes public restrooms which comprise forty percent of total five-year funding.

The Tony Solaita Baseball field will receive the majority of the funding remaining (38%) for lighting improvements, lockers, security fencing and grandstands.

Figure 5.11



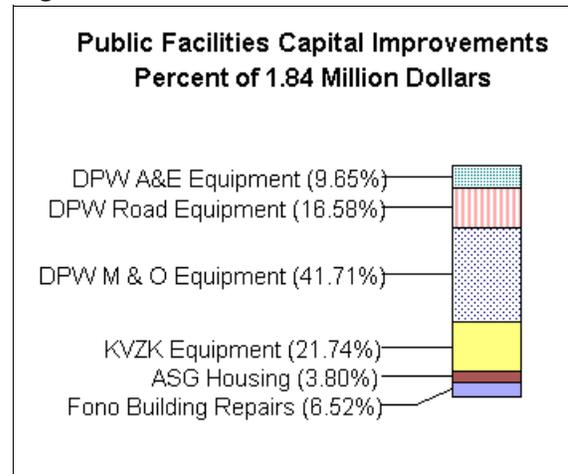
### 5.5.8 Other Public Facilities

The CIP Committee allocation \$1.84 million toward the rehabilitation of public buildings and for the purchase of capital equipment for the Department of Public Works.

The Fono and ASG residential housing in Tafuna will receive ten percent of the funding for rehabilitation of buildings. KVZK Television will receive for the purchase of digital transmitters.

The remaining sixty-eight percent for road maintenance, and Architectural and Engineering Division Equipment.

Figure 5.12



## 5.6 Other Sources of Capital Improvements and Infrastructure Funding

As stated in section 9.2.2, the government should receive additional funding from other U.S. Federal agencies. The majority of the funding will be used for construction of Federal Highway One and preservation of the shoreline to secure Federal Highway One between the village of Matu'u and Nu'u'uli village.

### 5.6.1 Transportation and Road Construction

The Civil Highways Division of the Department of Commerce expects to receive on the average of 3.2 million dollars per year for 2002 through 2005 for the construction of the main highway. The department will use 8.5 million of delinquent insurance payment to the American Samoa Government to create a revetment to preserve the main highway.

In addition, the Civil Highways Division will receive a small amount of funding, roughly \$120,000 per year, for the use toward transit planning and bus installations.

### **5.6.2 Community Development**

The Department of Commerce expects to receive approximately 1.0 million dollars per year for the construction of community facilities to serve low-income people and foster economic development. The Department generally allocates fifty percent, or \$500,000, annually to other government agencies for construction of facilities.

During the five year plan period, the Department of Commerce will support the construction of new medical clinics for the Department of Health with subgrants of \$750,000 each. In addition, the Department will provide the Territorial Administration on Aging with \$250,000 to construct a Senior Citizens Center.

The Department will support the Department of Parks and Recreation in the planning and development of an indoor recreational center toward the end of the plan. The estimated shared cost of the project with the Department of Public Works is \$500,000.

The Department of Commerce will use the remainder of the CDBG funding for urban redevelopment and development of facilities to support economic development initiatives in the Pago Pago Bay area.

### **5.6.3 Water and Sewer Systems**

The American Samoa Power Authority will receive a formula grant of \$800,000 per year for sewer line construction and \$180,000 per year for water line construction or water system improvements. All of the funding is expected to be used for development of the Tualauata County water and sewer systems.

### **5.6.4 Economic Development**

The Department of Commerce will apply for Economic Development Administration funding in the amount of 1.5 million dollars to construct a new Farmer's Market in the Fagatogo village and 1.0 million dollars to construct a fish processing plant at the Tafuna Industrial Park. The fish processing plant will service the local fishing industry.

### **5.6.5 Electrical Power Generation**

The American Samoa Power Authority is contemplating paying for the expansion of the Tafuna Generation Station and the purchase of a \$2.2 million Deutz generator, including spare parts and high voltage switchgear and related accessories by leveling additional fees upon electrical usage and the float of bonds in the value of \$3.0 million.

## Chapter Five: Capital Improvements and Infrastructure

5.1	Introduction	II - 5 - 1
5.2	Summary of Capital Equipment, Improvements and Infrastructure Funding	II - 5 - 1
5.2.1	Department of the Interior, Office of Insular Affairs	II - 5 - 1
5.2.2	Other Sources of Capital Improvement Funding	II - 5 - 1
5.2.3	Summary of Infrastructure Funds from all Sources 2002 - 2006	II - 5 - 2
5.3	Capital Improvements Planning Process	II - 5 - 2
5.4	Statement of Needs	II - 5 - 3
5.5	Capital Improvements by Category from U.S. Department of the Interior	II - 5 - 4
5.5.1	Health Care	II - 5 - 4
5.5.1.1	American Samoa Hospital Authority	II - 5 - 4
5.5.1.2	Department of Health	II - 5 - 4
5.5.2	Educational System	II - 5 - 4
5.5.2.1	Department of Education	II - 5 - 4
5.5.2.2	American Samoa Community College	II - 5 - 5
5.5.3	Department of Public Safety	II - 5 - 5
5.5.4	Utilities	II - 5 - 5
5.5.4.1	Water Supply	II - 5 - 5
5.5.4.2	Sewerage System	II - 5 - 5
5.5.4.3	Solid Waste	II - 5 - 6
5.5.5	Transportation	II - 5 - 6
5.5.5.1	Airports	II - 5 - 6
5.5.5.2	Sea Ports	II - 5 - 6
5.5.5.3	Village and Secondary Roads	II - 5 - 6
5.5.6	Economic Development	II - 5 - 7
5.5.7	Parks and Recreation	II - 5 - 7
5.5.8	Other Public Facilities	II - 5 - 7
5.6	Other Sources of Capital Improvements and Infrastructure Funding	II - 5 - 7
5.6.1	Transportation and Road Construction	II - 5 - 7
5.6.2	Community Development	II - 5 - 8
5.6.3	Water and Sewer Systems	II - 5 - 8
5.6.4	Economic Development	II - 5 - 8
5.6.5	Electrical Power Generation	II - 5 - 8