

OVERVIEW

GENERAL GOVERNMENT 1986-1991 CAPITAL IMPROVEMENT PROGRAM

Each year, the Municipality of Anchorage updates its six-year Capital Improvement Program. This annual updating and extension of the program provides an opportunity for the community to re-evaluate its long-range capital needs. It also enables the Municipality to coordinate its program to maintain, upgrade and acquire the basic infrastructure in Anchorage: roads, buildings, equipment, water quality improvements and land. Specific information for each project is presented in this document, including project descriptions and proposed funding sources.

The 1986-1991 Capital Improvement Program (CIP) was formulated with the participation of the Community Councils throughout Anchorage. Many of the Community Council recommendations of past years were incorporated into this program. During the fall the community had additional opportunities to provide input into the final 1986-1991 Capital Improvement Program. Informational meetings and review sessions were held with interested citizen groups, the Planning and Zoning Commission and the Assembly. The Assembly held public hearings prior to adoption of the 1986-1991 Capital Improvement Program in November.

The Municipal Capital Budget grew in past years in proportion to the expectation of increasing State grant funds made possible by substantial oil revenues. In this last legislative session, the decline in State oil revenues brought about a substantial decrease in the size of the State Capital Budget. In 1985, the top Municipal priorities for State funding were the Accelerated Roads Program (major roads targeted for construction or upgrade) and the Eklutna Water Project (to supply Anchorage and Eagle River). Since the majority of these projects went unfunded in the 1985 State Capital Budget, they became the basis for the 1986 Capital Budget and legislative request to the State.

A major effort has been made in the 1986 budget to reduce the dollar amount and number of projects to a much more realistic level. It is proposed that in the out-years, 1987-1991, the level of State grant requests be substantially reduced to \$25-30 million. In 1985, the level of proposed out-year State grant request ranged from \$90-100 million per year. General obligation bonds continue at approximately the 1986 funding level in 1987 and decline gradually through the six-year program.

The 1986-1991 Capital Improvement Program is organized into four major program areas:

- **Roads and Transportation** - Projects which contribute to a comprehensive transportation system for cars, buses and pedestrians.
- **Police and Fire Protection** - Projects to meet public safety requirements.
- **Neighborhood/Community** - Parks, pathways and downtown pedestrian improvements to enhance the safety and quality of life in our neighborhoods.
- **Water Quality Improvements** - Projects to identify contaminants and restore water quality.

The funding level of these major program areas is as follows:

1986-1991 Capital Improvement Program (In Thousands)			
Program	1986	1987-1991	Total
Roads and Transportation	\$ 166,371	\$ 257,386	\$ 423,757
Police and Fire Protection	810	15,007	15,817
Neighborhood/Community Improvements	13,310	68,287	81,597
Water Quality Improvements	<u>7,700</u>	<u>29,314</u>	<u>37,014</u>
TOTAL	\$ 188,191	\$369,994	\$ 558,185

In 1986 and the out-years 1987-1991, we will actively pursue alternative funding strategies to supplement the traditional state, federal and local sources. The following table presents the proposed financing for the 1986-1991 Capital Improvement Program.

1986-1991 Capital Improvement Program: Funding Sources (In Thousands)		
Source	Amount	Percent
State Grants	\$ 270,032	48%
Federal Grants	23,027	4%
General Obligation Bonds	225,596	40%
Revenue Bonds	14,000	3%
Special Assessment Bonds and Other Local Sources	<u>25,530</u>	<u>5%</u>
TOTAL	\$ 558,185	100%

1986 CAPITAL IMPROVEMENT BUDGET

The 1986 Capital Improvement Budget (the first year of the 1986-1991 Capital Improvement Program) responds to the highest priority community and neighborhood needs.

The funding request by program is presented in the following table.

1986 Capital Improvement Budget (In Thousands)		
Program	Amount	Percent
Roads and Transportation	\$166,371	88%
Police and Fire Protection	810	1%
Neighborhood/Community Improvements	13,310	7%
Water Quality Improvements	<u>7,700</u>	<u>4%</u>
TOTAL	\$188,191	100%

Close attention is given to the amount we can fund from each source in any given year. The following table presents the proposed financing for the 1986 Capital Improvement Budget.

1986 Capital Improvement Budget: Funding Sources (In Thousands)		
Source	Amount	Percent
State Grants	\$137,469	73%
Federal Grants	1,942	1%
General Obligation Bonds	23,400	12%
Revenue Bonds	14,000	8%
Other	<u>11,380</u>	<u>6%</u>
TOTAL	\$188,191	100%

A major factor in determining the affordability of a capital budget is the operation and maintenance (O & M) cost of the completed projects, and the debt service on any bonds sold to build them. The O & M costs shown in the table below separate the debt service from the other O & M costs. The estimated operation and maintenance costs for the proposed 1986 capital projects is approximately \$3.9 million when all projects are fully on-line.

Summary of Operating and Maintenance Costs for 1986 CIB Projects (In Thousands of 1986 Dollars)						
	1986	1987	1988	1989	1990	1991
O & M Costs	\$ 61	\$ 536	\$1,243	\$1,249	\$1,249	\$1,249
Debt Service	<u>782</u>	<u>2,610</u>	<u>2,610</u>	<u>2,610</u>	<u>2,610</u>	<u>2,610</u>
TOTAL	\$ 843	\$3,146	\$3,853	\$3,859	\$3,859	\$3,859

The following pages summarize the 1986 Capital Improvement Budget and summarize the 1986-1991 Capital Improvement Program by major program area. Detailed project descriptions, O & M estimates and funding sources are also provided.

ROADS AND TRANSPORTATION

The continuing goal of the Roads and Transportation Program is to provide a comprehensive, modern and efficient transportation system. Our transportation network should move people and goods with optimum speed, cost, and safety while ensuring that the environment is enhanced and protected. The 1986-1991 Capital Improvement Program has identified capital projects consistent with these objectives.

Included in this program is a request for \$3 million in State grants to support the construction of the 1,500-space parking garage/retail space at 5th and 'C' Streets. The total project will cost approximately \$17 million, with \$14 million to be raised through the sale of Revenue Bonds.

The Accelerated Road Program, developed cooperatively by the Municipality of Anchorage and the State of Alaska, includes major improvements to both state and municipal roads. It encompasses eight of the Municipality's ten priorities for funding from the State. Priority projects in the Accelerated Road Program for the 1986 CIB are:

- \$27,900,000 for West Northern Lights Boulevard.
- \$23,400,000 to construct Lake Otis Parkway-Tudor Road to Abbott Road.
- \$10,400,000 to complete construction of Klatt Road Extension - 'C' Street to Southport Parkway.
- \$27,000,000 to construct Spenard Road - McRae Road to International Airport Road.
- \$ 8,300,000 to construct Dimond Boulevard and Abbott Road from New Seward Highway to 88th Avenue.
- \$ 7,000,000 to construct 36th Avenue - Old Seward Highway to MacInnes Street.
- \$ 6,800,000 to complete construction of 36th Avenue-Arctic Boulevard to Spenard Road.
- \$ 6,400,000 to construct Arctic Boulevard-Raspberry Road to Dimond Boulevard.

Included in this budget for informational purposes are the road projects in the State of Alaska's portion of the Accelerated Road Program. Priorities within this segment are developed jointly with the Municipality and are largely federally funded. The State's roadway plans for the Anchorage area for 1986 total \$82.1 million.

In addition to Accelerated Road projects, \$25,195,000 is proposed in 1986 for construction and improvement of local roads and beautification along major arterials. Specific projects within this category include: Right-of-Way Acquisition; Central Business District Alley Paving; Miscellaneous Street Improvements; Central Business District Roads and Drainage Rehabilitation, and Subdivision Reconstruction.

Drainage Improvement Projects totaling \$940,000 are proposed for 1986 including design and construction of major trunk drainage lines and residential storm drainage lines. Emphasis will be placed on applying the latest techniques in surface water quality management and resolving drainage related deficiencies.

Transportation Safety Improvements totaling \$3,425,000 are recommended for 1986. These projects include: walkways to schools, sidewalks, additional traffic lights, traffic channels to alleviate congestion at key intersections, improvements to the traffic signal system and installation/replacement of street lights.

The Areawide Communications Network is proposed to be modernized and upgraded in 1986 for \$540,000. The network will allow for more effective and economical radio communications by Police, Fire, and other Municipal Departments. (This complements the police/fire program but is in roads/transportation because the system is maintained by the Public Works Department.)

Transit 1986 CIB includes \$2,071,000 of projects consistent with the Anchorage Metropolitan Area Transportation Study (AMATS) plan for the expansion of public transit. Major projects for 1986 are: construction of a Mid-Town Transit Center; transit passenger shelters; an automated scheduling system; and pedestrian access and safety improvements to bus stops.

Roads and Transportation: Total Program and 1986 Costs (In Thousands)			
Project Category	1986 CIB Request	1986-1991 CIP Request	Estimated Annual O&M Costs: 1986 CIB only
Accelerated Road Program	\$117,200	\$117,200	\$ 181
Road Improvements	25,195	144,247	190
Drainage Improvement	940	27,026	5
Roads and Drainage Rehabilitation	0	8,710	0
Street Facilities	0	14,270	0
Heavy Equipment Purchase	0	4,790	0
Special Projects	0	600	0
Transportation Safety Improvement	3,425	63,325	28
Areawide Communications	540	5,335	58
Transit	2,071	21,254	166
Parking Projects	<u>17,000</u>	<u>17,000</u>	<u>0</u>
TOTAL	\$166,371	\$423,757	\$ 628

Roads and Transportation: 1986 CIB Funding Sources (In Thousands)		
Source	Amount	Percent
State Grants	\$136,689	82%
Federal Grants	1,942	1%
General Obligation Bonds	13,540	8%
Revenue Bonds	14,000	8%
Local	<u>200</u>	<u>1%</u>
TOTAL	\$166,371	100%

POLICE AND FIRE PROTECTION

In response to ever increasing demands for public safety services, the 1986-1991 CIP has programmed equipment to provide effective and efficient police protection, fire suppression and emergency medical capability. Since major new Police and Fire stations are already completed or under construction, CIP requirements are relatively low. The major projects in this program area for 1986 are:

- \$350,000 for replacement of old fire apparatus for the Chugiak Fire Service Area.
- \$460,000 for equipment to upgrade the communications and emergency operations centers.

Police and Fire Protection: Total Program and 1986 Costs (In Thousands)			
Project Category	1986 CIB Request	1986-1991 CIP Request	Estimated Annual O&M Costs: 1986 CIB Only
Anchorage Police	\$ 0	\$10,010	\$ 0
Anchorage Fire	460	3,853	0
Chugiak Fire	350	1,243	.5
Emergency Medical Services	<u>0</u>	<u>711</u>	<u>0</u>
TOTAL	\$ 810	\$15,817	\$.5

1986 Police and Fire Protection: Funding Sources (In Thousands)		
Source	Amount	Percent
General Obligation Bonds	\$ 460	57%
Fund Balance (Chugiak Fire Service Area)	<u>350</u>	<u>43</u>
TOTAL	\$ 810	100%

NEIGHBORHOOD/COMMUNITY IMPROVEMENTS

This program area includes capital projects which support the integrity and quality of Anchorage from community-wide and individual neighborhood perspectives. Department requests included here are from Capital Projects and Parks and Recreation. Examples of the 1986 CIB items:

- \$3,000,000 for design and construction of the Coastal Trail from Ship Creek to Chester Creek and design of the Point Woronzof to Point Campbell segment.
- \$1,784,000 for parkland acquisition near the Bancroft/Wickersham and Gladys Wood Schools.
- \$2,000,000 for handicapped access curbs, repair of streets and sidewalks, and other improvements on 4th Avenue (E to C Streets) and D Street (4th to 5th Avenue).
- \$3,510,000 for Chester Creek Greenbelt improvements and parkland acquisition for playfields, neighborhood parks and Park Improvement Districts.

Included within this category is a proposal for the Municipality to lease or lease/purchase a new animal control shelter. A voter approved ballot proposition authorizes expenditure of up to \$4.5 million for this purpose.

Neighborhood/Community Improvements: Total Program and 1986 Costs (In Thousands)			
Project Category	1986 CIB Request	1986-1991 CIP Request	Estimated Annual O&M Costs: 1986 CIB only
Parkland Acquisition	\$ 4,224	\$ 23,243	\$ 30
Park and Trail Development	6,936	30,159	272
Chugiak/Eagle River Recreation	150	6,650	7
Girdwood Recreation	0	1,592	0
Areawide Projects	2,000	16,000	163
Asbestos Abatement	0	1,453	0
Library Improvements	<u>0</u>	<u>2,500</u>	<u>0</u>
TOTAL	\$13,310	\$ 81,597	\$472

1986 Neighborhood/Community Improvements: Funding Sources (In Thousands)		
Source	Amount	Percent
General Obligation Bonds	\$ 2,000	15%
Park Improvement Districts and Local	10,830	81%
State Grants	<u>480</u>	<u>4%</u>
TOTAL	\$13,310	100%

WATER QUALITY IMPROVEMENT

The goal of the Municipality's Water Quality Improvement Program is to protect uncontaminated surface and groundwaters from degradation and to restore already polluted waters to cleanliness.

Projects to maintain clean water include acquisition of greenbelts along streams and expansion of the water utilities laboratory for testing stream, lake, and shallow groundwater.

Measures to clarify already polluted waters include placing more oil and grease separators in storm drains, repairing or replacing worn-out or undersized sanitary sewers, creating more settling ponds, reshaping and revegetating streambanks, and starting a matching program to help owners of property along damaged waterways correct problems that threaten water quality.

Major projects in this program for 1986 are:

- . \$2,785,000 for acquisition of greenbelts for creek and stream protection zones.
- . \$1,865,000 for stream bank and lake shore stabilization and restoration projects and for the development of settling ponds.
- . \$1,000,000 for matching funds for private property clean-up and restoration projects.
- . \$1,000,000 for acquisition of important wetlands.
- . \$ 400,000 to construct water quality control devices to remove oil, grease and other pollutants.
- . \$ 200,000 to construct and equip twenty secured sampling stations.
- . \$ 150,000 to drill one hundred groundwater test wells.
- . \$2,000,000 for improvements of the sanitary sewer trunk along Fish Creek.*
- . \$ 600,000 to modernize the Point Woronzof Laboratory for surface water testing.*

* These projects are included in the Anchorage Wastewater Utility's Capital Budget but are shown here because they are an integral part of the overall water quality program.

Water Quality Improvement Total Program and 1986 Costs (in Thousands)			
Projects/Stream/Lake	1986 CIB Request	1986-1991 CIP Request	Estimated Annual
			O&M Costs: 1986 CIB Only
Emergency Drainage Repair	\$ 300	\$ 300	\$ 0
Oil and Grease Separators	400	1,980	7.7
Stream/Lake Improvements	1,865	8,990	44.0
Wetland Acquisition	1,000	6,000	0
Creek Protection Zones-Acquisition	2,785	14,094	29.3
Groundwater Test Holes	150	450	5.4
Automatic Water Samplers	200	200	9.4
Matching Program for Restoration/ Improvements	<u>1,000</u>	<u>5,000</u>	<u>50.2</u>
Subtotal General Government	7,700	37,014	146.0
Wastewater Utility*			
Point Woronzof Laboratory	600**	600	0
Fish Creek Trunk Project	2,000	7,750	0
Trunk Reline & Pump Stations	<u>0</u>	<u>12,850</u>	<u>0</u>
TOTAL	\$10,300	\$58,214	\$146.0

* Details identified in Anchorage Wastewater Utility Capital Budget
 ** Debt Service is paid by taxpayer through mill levy

Water Quality Improvement 1986 CIB Funding Sources (In Thousands)		
Source	Amount	Percent
State Grant	300	3%
General Obligation Bonds		
General Government	8,000	78%
Wastewater Utility	<u>2,000</u>	<u>19%</u>
TOTAL	\$10,300	100%