

# Public Works

CIP-1

DEPARTMENT Public Works
PROGRAM CATEGORY Solid Waste

## DEPARTMENT CAPITAL NEEDS ANALYSIS

### POLICY GOALS

A goal of the Municipality as stated in the Comprehensive Development Plan is to insure that the natural environment is enhanced, maintained and protected by establishing high quality standards for the protection of soil, vegetation, air, water, sound and sight with appropriate surveillance and enforcement of these standards. A specific objective of this goal is to encourage the recycling of glass, wood, metal and paper.

The goal of the Solid Waste Program is to provide improved, efficient solid waste services to the citizenry of the Municipality by implementing recommended solid waste management systems identified in the adopted Solid Waste Management Master Plan. This will be accomplished by developing and implementing viable programs designed to inform the citizenry as to the magnitude of the existing and projected solid waste problems and the alternative means of providing them with environmentally safe, efficient and economical storage, collection transport, processing, recovery and disposal/solid waste services and facilities.

### SIX-YEAR DEPARTMENT GOALS AND STRATEGY

- 1) A major emphasis will be placed on increasing the efficiency of refuse collection within the City Service Area by reducing equipment down-time through revised equipment replacement schedules. All the collection routes will be re-evaluated to optimise the utilization of the collection equipment and personnel and program new additions as the service area's population increases.
- 2) In the Anchorage Solid Waste Disposal Service Area two major projects including, planning, acquiring and designing a new disposal site to replace the former Borough and 15th Avenue landfills upon their completion; and exploring the feasibility and practicality of utilizing shredded solid wastes as a fossil fuel supplement in one of the area's heating-power plants will be undertaken.

In Service Area 70, the approved new solid waste disposal site needs to be developed and operated in accordance with Federal, State, and local environmental regulations. The totally inadequate, unsanitary refuse system (con't.)

### PRIORITY CRITERIA for 1978

- 1) Projects and acquisitions which improve efficiencies, maintain the existing level of service, or must be provided as a result of increasing population growth or development are given the highest priority.
- 2) Projects and acquisitions which explore alternative means of providing solid waste service will be ranked next.

CIP-1

DEPARTMENT CAPITAL NEEDS ANALYSIS

DEPARTMENT Public Works
PROGRAM CATEGORY Solid Waste

POLICY GOALS

SIX-YEAR DEPARTMENT GOALS AND STRATEGY

(Continued)

now operating in the Girdwood Service area needs to be replaced with a refuse debris box system. Alternative funding sources need first to be identified.

PRIORITY CRITERIA

**CIP-2**  
**DEPARTMENT CAPITAL NEEDS ANALYSIS**

DEPARTMENT Public Works
PROGRAM CATEGORY Solid Waste

**EXISTING CAPITAL IMPROVEMENT BUDGET**

PROJECT TITLE	CURRENT STATUS	EXPLANATION
RC-2 Collection Equipment Replacement (1977)	On Schedule & Changed	Item consisted of 2 front load, 3 rear load and 2 pickups. Front load vehicles delivered in May '77, anticipate rear loads in June. Pickups not purchased also included 300 refuse containers. Retained earnings not sufficient to fund. Obtained advance from General Fund. Mobile equipment will not be presented as shown in 1977 CIP because useful life is less than 6 yrs.
RD-1 Disposal Equipment Replacement (1977)	Planning	Awaiting calculation of fund balance to determine if sufficient funding is available during 1977. Disposal equipment will not be funded as shown in 1977-83 CIP as life is less than 6 years.
RD-4 Turnagain Arm Rural Debris Box System (1977)	Dropped	Planned funding to come from Community Block Development Grant. Girdwood elected not to fund project with those funds therefore project should be dropped.
Eagle River/Chugiak Solid Waste Disposal Facility (1976 CIP)	Proceeding with acquisition of Land Use Permit from B.L.M.	Revised late in 1976. G.O. finding approved by voters in January 1977. Administration proceeding with obtaining site next to Sewage Treatment Plant from B.L.M.
Anchorage Solid Waste Disposal Service Area Milling Plant (1976 CIP)	Proceeding on schedule	Funding approved April, 1976. Anticipate design and construction contract by September, 1977. Operational September, 1978.

CIP-3

CAPITAL IMPROVEMENT PROJECT SUMMARY

DEPARTMENT Public Works				ACCT. CODE 561-7017-7706-7751					
PROJECT CATEGORY Solid Waste Refuse Collections				SERVICE AREA City Service Area					
PROJECT TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
	IN THOUSANDS								
Refuse Containers	78.0	84.0	91.0	73.5	53.0	57.5	437.0	79.0	516.0
Warm Storage Building		522.8					522.8		522.8
<b>TOTAL</b>	<b>78.0</b>	<b>606.8</b>	<b>91.0</b>	<b>73.5</b>	<b>53.0</b>	<b>57.5</b>	<b>959.8</b>	<b>79.0</b>	<b>1,038.8</b>
<b>SOURCE OF FUNDS</b>							<b>REIMBURSABLES</b>		
G. O. BONDS AUTHORIZED									
G. O. BONDS UNAUTHORIZED									
REVENUE BONDS		522.8							
FEDERAL									
STATE									
OPERATING REVENUES									
FUND BALANCE/RET EARNINGS	78.0	84.0	91.0	73.5	53.0	57.5			
OTHER									
<b>TOTAL</b>	<b>78.0</b>	<b>606.8</b>	<b>91.0</b>	<b>73.5</b>	<b>53.0</b>	<b>57.5</b>			

## CAPITAL IMPROVEMENT PROJECT SUMMARY

DEPARTMENT: Public Works	ACCT. CODE: 561 7017 7706 7751
PROJECT CATEGORY: Solid Waste - Refuse Collection	SERVICE AREA: City Service Area

REFUSE CONTAINERS

From a 1973 cost analysis on unit collection costs it was determined that rear loading refuse collection containers are about twice as expensive to collect compared to the front loading containers. Refuse Collection plans to initiate a three year program of phasing out the rear loads with the front loads where possible. New construction and development within the City Service Area is expected to increase by one hundred services each year over the next six year period.

WARM STORAGE BUILDING

Upon completion of the solid waste shredding plant, refuse collection vehicles will start and end their routes at the processing facility. In order to maximize actual collection times and minimize the nonproductive travel times an equipment building should be located adjacent to the shredding facility. Based on 1977 costs and assuming no growth in services and a one half hour reduction in travel time, the warm storage structure would represent an annual savings of about \$43,600 in operational costs. At that rate the facility would pay for itself in about 12 years.

CIP-4

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE 561-7017-7706-7751			PRIORITY 1				
PROJECT CATEGORY Solid Waste Refuse Collections				SERVICE AREA City Service Area							
TITLE Refuse Containers New & Replacement	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST		
ESTIMATED COST							IN THOUSANDS				
LAND AND R.O.W. CONSTRUCTION PLANNING AND DESIGN EQUIPMENT INTERFUND CHARGES OTHER	78.0	84.0	91.0	73.5	53.0	57.5	437.0	79.0	516.0		
TOTAL	78.0	84.0	91.0	73.5	53.0	57.5	437.0	79.0	516.0		
SOURCE OF FUNDS							REIMBURSABLES				
G.O. BONDS AUTHORIZED G.O. BONDS UNAUTHORIZED REVENUE BONDS FEDERAL STATE OPERATING REVENUES FUND BALANCE/RET EARNINGS OTHER	78.0	84.0	91.0	73.5	53.0	57.5					
TOTAL	78.0	84.0	91.0	73.5	53.0	57.5					
OPERATING BUDGET IMPACT		1978 PERSONNEL COSTS		1978 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE	
Solid Waste Operations		30.7		52.3		Not Determinable		Not Determinable		83.0	
PROJECT STATUS: LOCATION: GROSS FLOOR AREA: BUILDING COST PER SQ. FT.: ASSET LIFE:				N/A N/A N/A N/A 10 Years		DESIGN FEES: PERCENT OF BLDG. COSTS: ESTIMATED CONSTRUCTION PERIOD: STARTING TIME: ASSESSMENTS:		N/A N/A N/A N/A N/A		(mos.)	

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE: 561 7017 7706 7751		PROJECT TITLE: Refuse Containers	
PROJECT CATEGORY: Solid Waste Refuse Collections		SERVICE AREA: City Service Area			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?			✓		1. Containers must be purchased to accommodate projected growth. Some will be used to phase out rear loads which are less efficient and require more manpower. Large initial capital investment does present a problem.
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?		✓			2. Not related to other CIP projects. Divisional goal of improving efficiency is enhanced.
<b>NEED</b>					
1. How urgent is the need for this project?				✓	1. If unit refuse collection costs are going to be held in check with rising labor and equipment costs, then alternatives to provide for increased efficiency must be implemented. In this case it is very urgent.
2. To what extent does this project alleviate present inadequacies?					2. Improves efficiency of existing type of collection service and meets public demand for container type service.
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?			✓		1. Commensurate with <u>Solid Waste Plan</u> to improve Refuse Collection efficiencies.
2. To what extent has the public supported this project?			✓		2. Public is generally not aware of alternative collection methods. Demand for container type service is high.
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?				✓	1. No, not by any of the three. However, Municipal Ordinance requires the service be provided.
2. Is this project a requirement for either State or Federal funding?				✓	2. No, no operational funding available from State or Federal.
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?			✓		1. Fifty percent of containers will be used to replace existing rear-load containers. Previous studies have shown the rear-load containers are about twice as expensive to service.
2. Does this project reduce personnel costs?				✓	2. When the three-year program of replacing rear loads with front loads is complete, a savings of six equivalent positions will be saved. This does not account for projected growth.



CIP-4

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE 561-7017-7706-7751			PRIORITY 2			
PROJECT CATEGORY Solid Waste Refuse Collections				SERVICE AREA City Service Area						
TITLE Warm Storage Building	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
ESTIMATED COST			IN THOUSANDS							
LAND AND R.O.W.(28,800 ft. @ \$2.50/ft)		72.0					72.0		72.0	
CONSTRUCTION		392.0					392.0		392.0	
PLANNING AND DESIGN		58.8					58.8		58.8	
EQUIPMENT										
INTERFUND CHARGES										
OTHER										
TOTAL		522.8					522.8		522.8	
SOURCE OF FUNDS							REIMBURSABLES			
G.O. BONDS AUTHORIZED										
G.O. BONDS UNAUTHORIZED										
REVENUE BONDS		522.8								
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
TOTAL		522.8								
OPERATING BUDGET IMPACT		1978 PERSONNEL COSTS	1978 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE	
Not determinable until routes re-evaluated.										
PROJECT STATUS: Planning				DESIGN FEES: \$58,800.00						
LOCATION: Same site as Solid Waste Shredding Plant				PERCENT OF BLDG. COSTS: 15%						
GROSS FLOOR AREA: 11,200 sq. ft.				ESTIMATED CONSTRUCTION PERIOD: 6 (mos.)						
BUILDING COST PER SQ. FT.: \$35.00				STARTING TIME: May, 1979						
ASSET LIFE: 30 years				ASSESSMENTS: None						

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE: 561 7017 7706 7751		PROJECT TITLE: Warm Storage Building		
PROJECT CATEGORY: Solid Waste Refuse Collections		SERVICE AREA: City Service Area				
		-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>						
1. How feasible is this project in terms of timing, costs and resource availability?				✓		1. When the shredding plant is completed and operational, all refuse collection routes will have to be modified. Daily routes will end at the shredding facility. New facility will mean travel distance of refuse vehicles can be reduced 48,000 miles annually. Funding uncertain.
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?				✓		2. Consolidation of solid waste operations into central location.
<b>NEED</b>						
1. How urgent is the need for this project?				✓		1. Urgent in that it helps to improve efficiency of refuse collection.
2. To what extent does this project alleviate present inadequacies?				✓		2. At present time inadequacy does not exist. When shredding plant becomes operational, collection travel times will be greatly increased.
<b>SUPPORT</b>						
1. How does this project relate to specific plans adopted by the Municipality?				✓		1. None specifically. Related to solid waste processing systems recommended in <u>Solid Waste Plan</u> .
2. To what extent has the public supported this project?				✓		2. Public is generally unaware of impact on collection routes and requirements for efficient operations.
<b>REQUIREMENT</b>						
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?		✓				1. No.
2. Is this project a requirement for either State or Federal funding?		✓				2. Funding not available for solid waste operations.
<b>IMPACT ON THE OPERATING BUDGET</b>						
1. To what extent does this project reduce the cost of providing a Municipal service?				✓		1. Not determinable until new routes are established. Will increase actual collecting time and reduce travel time of refuse vehicles.
2. Does this project reduce personnel costs?				✓		2. No.

CIP-3

CAPITAL IMPROVEMENT PROJECT SUMMARY

DEPARTMENT		ACCT. CODE							
Public Works		471-7015-7704-7731							
PROJECT CATEGORY		SERVICE AREA							
Solid Waste Refuse Disposal		Anchorage Solid Waste Disposal							
PROJECT TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
	IN THOUSANDS								
Resource Recovery Facility			4,025.0				4,025.0		4,025.0
New Disposal Site				4,000.0	250.0		4,250.0		4,250.0
<b>TOTAL</b>			4,025.0	4,000.0	250.0		8,275.0		8,275.0
SOURCE OF FUNDS		REIMBURSABLES							
G. O. BONDS AUTHORIZED									
G. O. BONDS UNAUTHORIZED			4,025.0	4,000.0	250.0				
REVENUE BONDS									
FEDERAL									
STATE									
OPERATING REVENUES									
FUND BALANCE/RET EARNINGS									
OTHER									
<b>TOTAL</b>			4,025.0	4,000.0	250.0				

## CAPITAL IMPROVEMENT PROJECT SUMMARY

DEPARTMENT: Public Works	ACCT. CODE: 471 7015 7704 7731
PROJECT CATEGORY: Solid Waste - Refuse Disposal	SERVICE AREA: Anchorage Solid Waste Disposal Service Area

RESOURCE RECOVERY FACILITY

The Solid Waste Management Master Plan recommends a feasible study be conducted on the economic viability of converting one of the existing area power plants to utilize shredded solid wastes as a fossil fill supplement. Funding includes costs for the feasibility study and the estimated costs for equipment at the shredding plant needed to separate the combustible fraction from the noncombustible fraction of solid wastes.

NEW DISPOSAL SITE

By the Spring of 1982 the existing Municipal landfill site will be completed and an alternative location must be located and developed for disposal purposes. Funding includes acquisition of a parcel of land of sufficient size to accommodate 7,850 acre feet of solid wastes or about 20 years accumulation. Also includes an equipment warm storage structure, construction of an access road, fencing, utility installation and design costs.

## CIP-4

## CAPITAL IMPROVEMENT PROJECT ESTIMATE

Page 565

DEPARTMENT		ACCT. CODE					PRIORITY			
Public Works		471-7015-7704-7731					1			
PROJECT CATEGORY		SERVICE AREA								
Solid Waste Refuse Disposal		Anchorage Solid Waste Disposal S.A.								
TITLE	1978	1979	19 80	19 81	1982	19 83	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
Resource Recovery Facility										
ESTIMATED COST		IN THOUSANDS								
LAND AND R.O.W.			3,500.0				3,500.0		3,500.0	
CONSTRUCTION			525.0				525.0		525.0	
PLANNING AND DESIGN										
EQUIPMENT										
INTERFUND CHARGES										
OTHER										
TOTAL			4,025.0				4,025.0		4,025.0	
SOURCE OF FUNDS		REIMBURSABLES								
G.O. BONDS AUTHORIZED			4,025.0							
G.O. BONDS UNAUTHORIZED										
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
TOTAL			4,025.0							
OPERATING BUDGET IMPACT		1978 PERSONNEL COSTS	1978 OTHER COSTS	FUTURE ANNUAL PERSONNEL COSTS	FUTURE ANNUAL OTHER COSTS	ANNUAL REVENUE				
Unknown at this time										
PROJECT STATUS:		Planning with Military			DESIGN FEES:		\$525.0			
LOCATION:		Shredding Plant			PERCENT OF BLDG. COSTS:		15%			
GROSS FLOOR AREA:		Unknown . sq. ft.			ESTIMATED CONSTRUCTION PERIOD:		10-12 (mos.)			
BUILDING COST PER SQ. FT.:		Unknown			STARTING TIME:		May, 1981			
ASSET LIFE:		30 Years			ASSESSMENTS:					

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE: 471 7015 7704 7731		PROJECT TITLE: Resource Recovery Facility	
PROJECT CATEGORY: Solid Waste-Refuse Disposal		SERVICE AREA: Anchorage Solid Waste Disposal			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?			✓		1. Preliminary indications look good for utilizing shredded solid waste as a fossil fuel supplement in generation of heat and steam energy. Impact on capital and operational budgets can only be estimated pending results of feasibility study.
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?				✓	2. Adopted <u>Solid Waste Plan</u> recommends investigation of the alternative solid waste processing method. Comprehensive plan objective is to develop resource recovery systems.
<b>NEED</b>					
1. How urgent is the need for this project?		✓			1. Project will decrease lands consumed for solid waste purposes by about 65%. At this time the net effect on solid waste management costs are unknown.
2. To what extent does this project alleviate present inadequacies?			✓		2. Makes possible the use of solid wastes by converting it to a source of energy.
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?				✓	1. Yes, Solid Waste Management Master Plan and Comprehensive Plan.
2. To what extent has the public supported this project?			✓		2. According to survey conducted in State relating to Bottle Bill, 70+% of population is in favor of resource recovery systems. Military bases and Dept. of Defense have expressed interest.
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?	✓				1. No.
2. Is this project a requirement for either State or Federal funding?	✓				2. No.
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?		✓			1. Unknown pending results of feasibility study.
2. Does this project reduce personnel costs?	✓				2. No.

CIP-4

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE 471-7015-7704-7731			PRIORITY 2		
PROJECT CATEGORY Solid Waste Refuse Disposal				SERVICE AREA Anchorage Solid Waste Disposal					
TITLE New Disposal Site	1978	1979	19 80	1981	19 82	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
ESTIMATED COST	IN THOUSANDS								
LAND AND R.O.W. CONSTRUCTION PLANNING AND DESIGN EQUIPMENT INTERFUND CHARGES OTHER				4,000.0	220.0 30.0		4,000.0 220.0 30.0		4,000.0 220.0 30.0
TOTAL				4,000.0	250.0		4,250.0		4,250.0
SOURCE OF FUNDS							REIMBURSABLES		
G.O. BONDS AUTHORIZED G.O. BONDS UNAUTHORIZED REVENUE BONDS FEDERAL STATE OPERATING REVENUES FUND BALANCE/RET EARNINGS OTHER				4,000.0	250.0				
TOTAL				4,000.0	250.0				
OPERATING BUDGET IMPACT	1978 PERSONNEL COSTS		1978 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE
PROJECT STATUS:	Planning			DESIGN FEES:			N/A		
LOCATION:	Unknown			PERCENT OF BLDG. COSTS:			N/A		
GROSS FLOOR AREA:	N/A sq. ft.			ESTIMATED CONSTRUCTION PERIOD:			3 (mos.)		
BUILDING COST PER SQ. FT.:	N/A			STARTING TIME:			May, 1982		
ASSET LIFE: 20 years landfill life @ 20' average depth of fill (7,850 acre feet)				ASSESSMENTS:			N/A		

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE: 471 7015 7704 7731		PROJECT TITLE: New Disposal Site		
PROJECT CATEGORY: Solid Waste Refuse Disposal		SERVICE AREA: Anchorage Solid Waste Disposal Service Area				
		-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>						
1. How feasible is this project in terms of timing, costs and resource availability?				✓		1. If quantity projections are accurate, it can not be delayed. If land use permits can be obtained costs can be reduced.
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?					✓	2. Is very essential to proper management of solid wastes and is addressed in the <u>Solid Waste Management Master Plan</u> .
<b>NEED</b>						
1. How urgent is the need for this project?					✓	1. In accordance with present projected solid waste increases, the Municipal landfill will be completed by Spring 1983. No alternative disposal area now exists.
2. To what extent does this project alleviate present inadequacies?			✓			2. At present time, an inadequacy does not exist. When existing site is completed, a new site will have to be found. No alternative to land disposal exists.
<b>SUPPORT</b>						
1. How does this project relate to specific plans adopted by the Municipality?					✓	1. <u>Solid Waste Master Plan</u> identifies need for future disposal sites as existing one(s) are completed.
2. To what extent has the public supported this project?			✓			2. Public is generally not aware that new site will be required by 1982.
<b>REQUIREMENT</b>						
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?		✓				1. No, not specifically, however, Municipal Ordinance requires solid waste disposal service be provided for area residents.
2. Is this project a requirement for either State or Federal funding?		✓				2. State and Federal funding is not available for local solid waste disposal operations.
<b>IMPACT ON THE OPERATING BUDGET</b>						
1. To what extent does this project reduce the cost of providing a Municipal service?		✓				1. Will probably mean an increase in cost because land is now owned or leased for a nominal fee. If land will need to be acquired, the debt service will be increased.
2. Does this project reduce personnel costs?					✓	2. No, as a landfill is presently operated by the Municipality. The new site will not mean personnel costs can be reduced. It only means a change in location.



CIP-1

DEPARTMENT CAPITAL NEEDS ANALYSIS

DEPARTMENT	Public Works
PROGRAM CATEGORY	Street Improvements

POLICY GOALS

Comprehensive Plan - To help establish an efficient transportation system for the entire community according to the following objectives.

Objectives - Improving the safety and capacity of the existing street and highway system in areas now developed, while minimizing the use of additional land.

Providing for the systematic extension of the present street and highway system to serve newly developing areas.

Planning and designing streets and highways to minimize the negative impact on adjacent land uses.

(continued next page)

SIX-YEAR DEPARTMENT GOALS AND STRATEGY

The goal of the Public Works Department for Street Improvements during the next six years is to construct or improve as many of the major arterial and collector streets within the Municipality as is feasible according to the need and service for the majority of the community and at the same time, construct and improve as many residential streets as is feasible according to the requests of the public.

This goal will be achieved in the CIP with the scheduling of several major arterial and collector street projects and anticipation of public request for residential Road Improvement Districts in each year.

PRIORITY CRITERIA

The priority of street improvements has been established on the basis of the following criteria:

1. Consideration of the overall need of the community for the improvement with emphasis on the efficiency of the project to alleviate present inadequacies in the transportation system within the community and improve the safety and capacity of the existing streets and highways.
2. Support of the proposed improvements as evidenced in the Comprehensive Plan, Official Street and Highway Plan, community groups, private development, citizen requests and complaints.
3. The feasibility of designing and constructing the proposed improvements within the established time frame through use of existing Municipal resources and consulting engineers, availability of funds, grants and reimbursements, and the relationship of the improvement to the overall benefit of the community.

CIP-1

## DEPARTMENT CAPITAL NEEDS ANALYSIS

DEPARTMENT	Public Works
PROGRAM CATEGORY	Street Improvements (con't.)

## POLICY GOALS

Reducing the impact of strip commercial by proper road design and control of access points.

Official Streets and Highway Plan - To meet the requirements of this plan in providing a transportation network plan to move people and goods from one point to another while optimizing time, cost and safety factors with the ultimate aim of serving the citizens of the Anchorage area.

## SIX-YEAR DEPARTMENT GOALS AND STRATEGY

## PRIORITY CRITERIA

CIP-2  
DEPARTMENT CAPITAL NEEDS ANALYSIS

DEPARTMENT Public Works
PROGRAM CATEGORY Street Improvements

EXISTING CAPITAL IMPROVEMENT BUDGET

PROJECT TITLE	CURRENT STATUS	EXPLANATION
Old Seward - 36th to 44th (77-1) (BIA701)	Under Design - Construction Planned for 1977	Project to be in conjunction with widening and channelization on 36th Ave. between Old Seward Highway and Rhone St.
88th - Northwood-Strawberry (77-2) (B2C602)	Project Scope reduced RID to be circulated in 1977	Scope has been reduced to 88th from Arlene to Northwood and Northwood from 88th to 83rd. The resulting Project will be circulated as a RID during 1977. Remaining portions planned for later year projects.
Spenard & Fireweed (77-3)	Spenard under design, Fireweed delayed until 1979	Lack of funding caused delay of Fireweed improvements until 1979
Commercial - Post to Taylor (77-4)	Project delayed	Uncertainty of State Highway Dept. plans for a portion of the project and lack of funding caused delay of the Project until later years
20th & Sitka (77-5)	Project delayed	Property Owners adjacent to the Project uncertain of their development plans and have withdrawn their request for a RID

**CAPITAL IMPROVEMENT PROJECT SUMMARY**

DEPARTMENT		ACCT. CODE								
Public Works										
PROJECT CATEGORY		SERVICE AREA								
Street Improvements		Anchorage Roads and Drainage S.A.								
PROJECT TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
	IN THOUSANDS									
Total Street Improvements										
<b>TOTAL</b>	6,885.0	6,535.0	8,875.0	12,125.0	11,940.0	13,543.0	59,903.0	2,740.0	66,643.0	
<b>SOURCE OF FUNDS</b>							<b>REIMBURSABLES</b>			
G. O. BONDS AUTHORIZED							490.0			
G. O. BONDS UNAUTHORIZED										
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
<b>TOTAL</b>	6,885.0	6,535.0	8,875.0	12,125.0	11,940.0	13,543.0	490.0			

CAPITAL IMPROVEMENT PROJECT SUMMARY

DEPARTMENT		ACCT. CODE							
Public Works									
PROJECT CATEGORY		SERVICE AREA							
Street Improvements		Anchorage Roads and Drainage S.A.							
PROJECT TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
	IN THOUSANDS								
36th - "C" St. to Old Seward	1,115.0						1,115.0	700.0	1,815.0
Arctic Blvd. Campbell Creek Bridge	940.0						940.0		940.0
Anticipated RID's	2,200.0	3,780.0	4,060.0	4,340.0	4,625.0	4,905.0	23,910.0		23,910.0
Street Reconstruction	1,000.0	1,080.0	1,160.0	1,245.0	1,320.0	1,400.0	7,205.0		7,205.0
Subdivision Arterial and Collector Street Reimbursement	300.0	540.0	580.0	620.0	660.0	700.0	3,400.0		3,400.0
Mt. View Drive - Commercial to Bragaw	1,090.0						1,090.0		1,090.0
Pedestrian Overpass - 15th and Medfra	240.0						240.0		240.0
<b>TOTAL</b>	<b>6,885.0</b>	<b>5,400.0</b>	<b>5,800.0</b>	<b>6,205.0</b>	<b>6,605.0</b>	<b>7,005.0</b>	<b>37,900.0</b>	<b>700.0</b>	<b>38,600.0</b>
<b>SOURCE OF FUNDS</b>							<b>REIMBURSABLES</b>		
G. O. BONDS AUTHORIZED							290.0		
G. O. BONDS UNAUTHORIZED									
REVENUE BONDS	6,885.0	5,400.0	5,800.0	6,205.0	6,605.0	7,005.0			
FEDERAL									
STATE									
OPERATING REVENUES									
FUND BALANCE/RET EARNINGS									
OTHER									
<b>TOTAL</b>	<b>6,885.0</b>	<b>5,400.0</b>	<b>5,800.0</b>	<b>6,205.0</b>	<b>6,605.0</b>	<b>7,005.0</b>	<b>290.0</b>		

CIP-3

CAPITAL IMPROVEMENT PROJECT SUMMARY

DEPARTMENT		ACCT. CODE							
Public Works									
PROJECT CATEGORY		SERVICE AREA							
Street Improvements		Anchorage Roads and Drainage S.A.							
PROJECT TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
	IN THOUSANDS								
Fireweed - Spenard to Arctic Blvd.		270.0					270.0	320.0	590.0
36th - Arctic to "C" Street		865.0					865.0		865.0
Commercial - 3rd Ave. to Taylor			1,275.0				1,275.0	1,720.0	2,995.0
Wisconsin Realignment - 44th to Spenard			640.0				640.0		640.0
Northwood - 83rd to Strawberry and Strawberry-Lotus Drive to Alreico Road (gravel)			1,160.0				1,160.0		1,160.0
Baxter - Tudor to 16th				3,600.0			3,600.0		3,600.0
88th - Dewberry to Arlene				1,080.0			1,080.0		1,080.0
Mt. View Dr. - Bragaw to McCarry				1,240.0			1,240.0		1,240.0
<b>TOTAL</b>		<b>1,135.0</b>	<b>3,075.0</b>	<b>5,920.0</b>			<b>10,130.0</b>	<b>2,040.0</b>	<b>12,170.0</b>
<b>SOURCE OF FUNDS</b>							<b>REIMBURSABLES</b>		
G. O. BONDS AUTHORIZED									
G. O. BONDS UNAUTHORIZED		1,135.0	3,075.0	5,920.0					
REVENUE BONDS									
FEDERAL									
STATE									
OPERATING REVENUES							200.0		
FUND BALANCE/RET EARNINGS									
OTHER									
<b>TOTAL</b>		<b>1,135.0</b>	<b>3,075.0</b>	<b>5,920.0</b>			<b>200.0</b>		

CAPITAL IMPROVEMENT PROJECT SUMMARY

DEPARTMENT		ACCT. CODE							
Public Works									
PROJECT CATEGORY		SERVICE AREA							
Street Improvements		Anchorage Roads and Drainage S.A.							
PROJECT TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
	IN THOUSANDS								
Patterson - NLB to Tudor					925.0		925.0		925.0
Pine St. - 6th to Glenn Hwy.					925.0		925.0		925.0
Arctic - 44th to International					1,265.0		1,265.0		1,265.0
Wisconsin - NLB to Spenard					2,220.0		2,220.0		2,220.0
Providence - Lk. Otis to Univ. Dr.						1,540.0	1,540.0		1,540.0
Patterson - Debarr to E. 6th						1,190.0	1,190.0		1,190.0
Arctic - International to Raspberry						1,148.0	1,148.0		1,148.0
Old Seward Hwy. - 44th to Dowling						2,660.0	2,660.0		2,660.0
<b>TOTAL</b>					5,335.0	6,538.0	11,873.0		11,873.0
<b>SOURCE OF FUNDS</b>							<b>REIMBURSABLES</b>		
G. O. BONDS AUTHORIZED									
G. O. BONDS UNAUTHORIZED									
REVENUE BONDS					5,335.0	6,538.0			
FEDERAL									
STATE									
OPERATING REVENUES									
FUND BALANCE/RET EARNINGS									
OTHER									
<b>TOTAL</b>					5,335.0	6,538.0			

## CAPITAL IMPROVEMENT PROJECT SUMMARY

DEPARTMENT: Public Works	ACCT. CODE:
PROJECT CATEGORY: Street Improvements	SERVICE AREA: Anchorage Roads and Drainage S.A.

36TH - "C" STREET TO OLD SEWARD (78)

Pave and widen 36th Avenue to arterial street standards from "C" Street to Old Seward Highway with intersection channelization at intersection 36th Avenue and Old Seward Highway.

ARCTIC BOULEVARD - CAMPBELL CREEK BRIDGE (78)

Construction of bridge to replace deteriorated and inadequate structure. New structure will provide for continuous pedestrian and bicycle access along Campbell Creek in addition to providing a four lane vehicular crossing of stream. The grade of the existing road will be raised to meet improvements planned by State of Alaska for Dimond Boulevard with left turn lane provision at intersection of Dimond Boulevard and Arctic Boulevard.

ANTICIPATED RID'S (78-83)

Provides funds for the construction of all streets, not indicated on the Official Streets and Highways Map as free-ways, arterials or collectors, which are to be constructed under special assessment districts. Specific projects each year are determined by the need of the community through petition requests.

STREET RECONSTRUCTION (78-83)

Reconstruct and repair existing streets and sidewalks within residential and downtown areas.

SUBDIVISION ARTERIAL AND COLLECTOR STREET REIMBURSEMENT (78-83)

Reimbursement to private developers for providing subdivision street improvements at his cost where such streets are designated as collector or arterial by the Official Street and Highway Plan and the Municipality has required construction of the street to the highest classification.

MOUNTAIN VIEW - COMMERCIAL TO BRAGAW (78)

Construct Mountain View Drive and upgrade to four lane arterial standards from Commercial Drive to Bragaw Street providing needed capacity for current and projected traffic levels.

PEDESTRIAN OVERPASS (78)

The Assembly has requested that a pedestrian overpass be constructed at 15th and Medfra in 1978.



## CAPITAL IMPROVEMENT PROJECT SUMMARY

DEPARTMENT: Public Works	ACCT. CODE:
PROJECT CATEGORY: Street Improvements	SERVICE AREA: Anchorage Roads and Drainage S.A.
<u>FIREWEED - SPENARD TO ARCTIC BOULEVARD (79)</u>	
Construct Fireweed Lane from Spenard Road to Arctic Boulevard to four lane street to arterial standards with channelization improvements at intersections at Spenard and Arctic.	
<u>36TH - ARCTIC TO "C" STREET (79)</u>	
Upgrade 36th Avenue from Arctic Boulevard to "C" Street to four lane arterial standards providing capacity for increased traffic levels and increased turning traffic.	
<u>COMMERCIAL - 3RD AVENUE TO TAYLOR (80)</u>	
Construct Commercial Drive and upgrade to four lane arterial standards from 3rd Avenue to Taylor Street including bike path and sidewalk, providing needed capacity for current and projected traffic levels.	
<u>WISCONSIN REALIGNMENT - 44TH TO SPENARD (80)</u>	
Realign Wisconsin Drive from 44th Avenue to Spenard Road providing direct access of Wisconsin to Spenard and eliminating hazardous intersection of Lakeshore Drive and Spenard Road.	
<u>NORTHWOOD - 83RD TO STRAWBERRY AND STRAWBERRY - LOTUS DRIVE TO ALREICO ROAD (GRAVEL) (80)</u>	
An extension of the Northwood collector from 83rd Avenue to Strawberry and an extension of Strawberry from the Lotus Drive to a planned improvement at Alreico Road. Project is planned for a first stage gravel improvement to allow for anticipated settlement due to extremely poor soil conditions.	
<u>BAXTER - TUDOR TO 16TH (81)</u>	
Construct four lane street to collector standards, providing capacity for projected increase in traffic level.	
<u>88TH - DEWBERRY TO ARLENE (81)</u>	
Upgrade to match existing and planned four lane paved collector street at Dewberry and Arlene. Project will include construction behind the curb of a portion of the Jewel Lake Bicycle Trail.	

## CAPITAL IMPROVEMENT PROJECT SUMMARY

DEPARTMENT: Public Works	ACCT. CODE:
PROJECT CATEGORY: Street Improvements	SERVICE AREA: Anchorage Roads and Drainage S.A.
<u>MOUNTAIN VIEW DRIVE - BRAGAW TO McCARRY (81)</u>	
Construct Mountain View Drive from Bragaw Street to McCarry Street and upgrade to four lane collector standards including channelization and other intersection improvements providing adequate capacity for current and projected traffic levels.	
<u>PATTERSON - NORTHERN LIGHTS BOULEVARD TO TUDOR (82)</u>	
Construct four lane to collector standards to provide for projected increase in traffic level.	
<u>PINE STREET - 6TH TO GLENN HIGHWAY (82)</u>	
Construct four lane to collector standards, completing collector street from DeBarr Road to the Glenn Highway.	
<u>ARCTIC - 44TH TO INTERNATIONAL (82)</u>	
Construct four lane street to arterial standards to provide for projected increase in traffic level.	
<u>WISCONSIN - NORTHERN LIGHTS TO SPENARD (82)</u>	
Construct four lane street to collector standards to provide for projected increase in traffic level.	
<u>PROVIDENCE - LAKE OTIS TO UNIVERSITY DRIVE (83)</u>	
Construct Providence Avenue from Lake Otis Parkway to University Drive to four lane arterial standards providing for projected future traffic levels.	
<u>PATTERSON - DEBARR TO EAST 6TH (83)</u>	
Construct four lane to collector standards to provide for projected increase in traffic level.	
<u>ARCTIC - INTERNATIONAL TO RASPBERRY (83)</u>	
Construct four lane improvement to arterial standards to provide for anticipated future traffic levels between International and the proposed State Raspberry Road - Dowling Road arterial construction.	
<u>OLD SEWARD - 44TH TO DOWLING (83)</u>	
Construct four lane improvement plus widening at major intersections for left turn capabilities extending planned improvements to the north and connecting major east-west arterials.	

## CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT		ACCT. CODE					PRIORITY			
Public Works							1			
PROJECT CATEGORY		SERVICE AREA								
Street Improvements		Anchorage Roads and Drainage S.A.								
TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
36th - "C" Street to Old Seward										
ESTIMATED COST		IN THOUSANDS								
LAND AND R.O.W. CONSTRUCTION	780.5						780.5	700.0	700.0	
PLANNING AND DESIGN									780.5	
EQUIPMENT										
INTERFUND CHARGES	139.5						139.5		139.5	
OTHER (In-House Engineering)	195.0						195.0		195.0	
<b>TOTAL</b>	<b>1,115.0</b>						<b>1,115.0</b>	<b>700.0</b>	<b>1,815.0</b>	
SOURCE OF FUNDS		REIMBURSABLES								
G.O. BONDS AUTHORIZED										
G.O. BONDS UNAUTHORIZED	1,115.0									
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
<b>TOTAL</b>	<b>1,115.0</b>								<b>200.0</b>	
OPERATING BUDGET IMPACT		1978		1978		FUTURE ANNUAL		FUTURE ANNUAL		ANNUAL REVENUE
		PERSONNEL COSTS		OTHER COSTS		PERSONNEL COSTS		OTHER COSTS		
PROJECT STATUS:		Proposed		DESIGN FEES:		\$195.0				
LOCATION: 36th Ave. from "C" Street to Old Seward Hwy.				PERCENT OF BLDG. COSTS:		25%				
GROSS FLOOR AREA: N/A		sq. ft.		ESTIMATED CONSTRUCTION PERIOD:						6 (mos.)
BUILDING COST PER SQ. FT.: N/A				STARTING TIME:		June, 1978				
ASSET LIFE: N/A				ASSESSMENTS:		N/A				

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: 36th - C St. to Old Seward	
PROJECT CATEGORY: Street Improvements		SERVICE AREA: Anchorage Roads and Drainage S.A.			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?				✓	<u>Feasibility</u> - The project can be accomplished within the established time frame and funding and with the use of Municipal personnel for engineering. The improvement is an essential phase of a planned arterial and collector system and will tie to the proposed Denali Street RID also planned for 1978 (Bidding and construction combined).
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?				✓	
<b>NEED</b>					
1. How urgent is the need for this project?				✓	<u>Need</u> - Planned and existing major developments adjacent to the project plus increased existing traffic result in an acute need for the improvement. The upgrading to four-lane arterial standards with intersection channelization will provide for projected traffic levels.
2. To what extent does this project alleviate present inadequacies?				✓	
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?				✓	<u>Support</u> - The project will tie into and extend improvements planned for construction during 1977 at the east perimeter. The <u>Official Streets and Highway Plan</u> , past CIP's and recent traffic studies all recognize it as a key traffic link.
2. To what extent has the public supported this project?				✓	
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?	✓				<u>Requirement</u> - Funding requirements will be G.O. Bonds and is planned for partial funding through the State Local Service Roads and Trails Program.
2. Is this project a requirement for either State or Federal funding?				✓	
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?	✓				<u>Operating Budget</u> - The major increase in the size of the improvement over what presently exists will create a need for additional maintenance.
2. Does this project reduce personnel costs?	✓				

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE			PRIORITY 2		
PROJECT CATEGORY Street Improvements				SERVICE AREA Anchorage Roads and Drainage S.A.					
TITLE Artic Blvd. - Campbell Creek Bridge	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
ESTIMATED COST									
IN THOUSANDS									
LAND AND R.O.W.	658.0						658.0		658.0
CONSTRUCTION	164.5						164.5		164.5
PLANNING AND DESIGN									
EQUIPMENT									
INTERFUND CHARGES	117.5						117.5		117.5
OTHER									
<b>TOTAL</b>	940.0						940.0		940.0
SOURCE OF FUNDS									
G.O. BONDS AUTHORIZED							REIMBURSABLES		
G.O. BONDS UNAUTHORIZED	940.0								
REVENUE BONDS									
FEDERAL									
STATE									
OPERATING REVENUES									
FUND BALANCE/RET EARNINGS									
OTHER									
<b>TOTAL</b>	940.0								
OPERATING BUDGET IMPACT									
	1978		1978		FUTURE ANNUAL		FUTURE ANNUAL		ANNUAL REVENUE
	PERSONNEL COSTS		OTHER COSTS		PERSONNEL COSTS		OTHER COSTS		
PROJECT STATUS: Proposed					DESIGN FEES: \$164.5				
LOCATION: Artic Blvd. and Campbell Creek					PERCENT OF BLDG. COSTS: 25%				
GROSS FLOOR AREA: N/A sq. ft.					ESTIMATED CONSTRUCTION PERIOD: 6 (mos.)				
BUILDING COST PER SQ. FT.: N/A					STARTING TIME: July, 1978				
ASSET LIFE: N/A					ASSESSMENTS: N/A				

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: Arctic Blvd. - Campbell Creek Bridge		
PROJECT CATEGORY: Street Improvements		SERVICE AREA: Anchorage Roads and Drainage S.A.				
		-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>						
1. How feasible is this project in terms of timing, costs and resource availability?				✓		<u>Feasibility</u> - The project is feasible due to availability of funds, need of the community and available engineering and contracting services. The Project will tie to proposed State improvements at Dimond Blvd, and eliminate a safety hazard in the existing bike trail system at this location.
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?			✓			
<b>NEED</b>						
1. How urgent is the need for this project?					✓	<u>Need</u> - The existing bridge is narrow and structurally unsound. The proposed new bridge will provide for four lanes of traffic, pedestrians, sufficient height to allow the bike trail to pass beneath and provide a flatter approach grade to the Dimond Blvd, intersection.
2. To what extent does this project alleviate present inadequacies?					✓	
<b>SUPPORT</b>						
1. How does this project relate to specific plans adopted by the Municipality?					✓	<u>Support</u> - The project will conform to the planned improvement outlined in the <u>Official Streets and Highway Plan</u> . Public concerns have been expressed about the bike trail crossing heavy traffic at this location,
2. To what extent has the public supported this project?				✓		
<b>REQUIREMENT</b>						
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?		✓				<u>Requirement</u> - Funding requirement will be G.O. Bonds and the project is being considered for a federal grant.
2. Is this project a requirement for either State or Federal funding?					✓	
<b>IMPACT ON THE OPERATING BUDGET</b>						
1. To what extent does this project reduce the cost of providing a Municipal service?			✓			<u>Operating Budget</u> - The project will not effect the present maintenance services,
2. Does this project reduce personnel costs?			✓			

## CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT		ACCT. CODE					PRIORITY			
Public Works							3			
PROJECT CATEGORY		SERVICE AREA								
Street Improvements		Anchorage Roads and Drainage S.A.								
TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
Anticipated RID's										
ESTIMATED COST		IN THOUSANDS								
LAND AND R.O.W. CONSTRUCTION	1,540.0	2,646.0	2,842.0	3,038.0	3,237.5	3,433.5	16,737.0		16,737.0	
PLANNING AND DESIGN	70.0	175.0	175.0	175.0	175.0	175.0	945.0		945.0	
EQUIPMENT										
INTERFUND CHARGES	275.0	473.0	508.0	543.0	577.5	612.5	2,989.0		2,989.0	
OTHER (In-house Engineering)	315.0	486.0	535.0	584.0	635.0	684.0	3,239.0		3,239.0	
<b>TOTAL</b>	<b>2,200.0</b>	<b>3,780.0</b>	<b>4,060.0</b>	<b>4,340.0</b>	<b>4,625.0</b>	<b>4,905.0</b>	<b>23,910.0</b>		<b>23,910.0</b>	
SOURCE OF FUNDS									REIMBURSABLES	
G.O. BONDS AUTHORIZED										
G.O. BONDS UNAUTHORIZED	2,200.0	3,780.0	4,060.0	4,340.0	4,625.0	4,905.0				
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
<b>TOTAL</b>	<b>2,200.0</b>	<b>3,780.0</b>	<b>4,060.0</b>	<b>4,340.0</b>	<b>4,625.0</b>	<b>4,905.0</b>				
OPERATING BUDGET IMPACT		1978		1978		FUTURE ANNUAL		FUTURE ANNUAL		ANNUAL REVENUE
		PERSONNEL COSTS		OTHER COSTS		PERSONNEL COSTS		OTHER COSTS		
PROJECT STATUS: Anticipated		DESIGN FEES: 4,184.0		PERCENT OF BLDG. COSTS: 25%		ESTIMATED CONSTRUCTION PERIOD: Varies		STARTING TIME: Varies		(mos.)
LOCATION: Various		ASSESSMENTS: \$20,083.0								
GROSS FLOOR AREA: N/A		sq. ft.								
BUILDING COST PER SQ. FT.: N/A										
ASSET LIFE: N/A										

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: Anticipated RID's		
PROJECT CATEGORY: Street Improvements		SERVICE AREA: Anchorage Roads and Drainage S.A.				
		-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>						<u>Feasibility</u> - Road Improvement Districts will be feasible because of the immediate need, available Municipal personnel for engineering and the available funding through bonds and assessments. They will not be related to other projects.
1. How feasible is this project in terms of timing, costs and resource availability?				✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?			✓			
<b>NEED</b>						<u>Need</u> - The improvements will provide street improvements to meet transportation needs and service the entire population within the improvement districts.
1. How urgent is the need for this project?				✓		
2. To what extent does this project alleviate present inadequacies?					✓	
<b>SUPPORT</b>						<u>Support</u> - Road Improvement Districts will be established and constructed according to community needs, public demands and as the result of direct citizen requests.
1. How does this project relate to specific plans adopted by the Municipality?				✓		
2. To what extent has the public supported this project?					✓	
<b>REQUIREMENT</b>						<u>Requirement</u> - Funding requirements will be G.O. Bonds with recovery of costs through assessments.
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?		✓				
2. Is this project a requirement for either State or Federal funding?		✓				
<b>IMPACT ON THE OPERATING BUDGET</b>						<u>Operating Budget</u> - This completion of this project will increase Public Works maintenance operation by one person.
1. To what extent does this project reduce the cost of providing a Municipal service?		✓				
2. Does this project reduce personnel costs?		✓				



## CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT		ACCT. CODE					PRIORITY			
Public Works							4			
PROJECT CATEGORY		SERVICE AREA								
Street Improvements		Anchorage Roads and Drainage S.A.								
TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
Street Reconstruction	1978	1979	1980	1981	1982	1983				
ESTIMATED COST		IN THOUSANDS								
LAND AND R.O.W. CONSTRUCTION	700.0	756.0	812.0	871.5	924.0	980.0	5,043.5		5,043.5	
PLANNING AND DESIGN										
EQUIPMENT										
INTERFUND CHARGES	125.0	135.0	145.0	155.5	165.0	175.0	900.5		900.5	
OTHER (In-house Engineering)	175.0	189.0	203.0	218.0	231.0	245.0	1,261.0		1,261.0	
<b>TOTAL</b>	<b>1,000.0</b>	<b>1,080.0</b>	<b>1,160.0</b>	<b>1,245.0</b>	<b>1,320.0</b>	<b>1,400.0</b>	<b>7,205.0</b>		<b>7,205.0</b>	
SOURCE OF FUNDS									REIMBURSABLES	
G.O. BONDS AUTHORIZED										
G.O. BONDS UNAUTHORIZED	1,000.0	1,080.0	1,160.0	1,245.0	1,320.0	1,400.0				
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
<b>TOTAL</b>	<b>1,000.0</b>	<b>1,080.0</b>	<b>1,160.0</b>	<b>1,245.0</b>	<b>1,320.0</b>	<b>1,400.0</b>				
OPERATING BUDGET IMPACT		1978 PERSONNEL COSTS		1978 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE
PROJECT STATUS: Proposed				DESIGN FEES: 1,261.0						
LOCATION: Various				PERCENT OF BLDG. COSTS: 25%						
GROSS FLOOR AREA: N/A				ESTIMATED CONSTRUCTION PERIOD: Varies (mos.)						
BUILDING COST PER SQ. FT.: N/A				STARTING TIME: Varies						
ASSET LIFE: N/A				ASSESSMENTS: N/A						

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: Street Reconstruction		
PROJECT CATEGORY: Street Improvements		SERVICE AREA: Anchorage Roads and Drainage S.A.				
		-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>						<u>Feasibility</u> - Street Reconstruction will require services from the engineering and maintenance sections. It will not be related to other capital improvement projects.
1. How feasible is this project in terms of timing, costs and resource availability?				✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?			✓			
<b>NEED</b>						<u>Need</u> - These funds would provide for the reconstruction and repair of existing streets and sidewalks within residential and downtown areas providing better driving surfaces, eliminating drainage problems, repairing unsafe conditions and providing wheelchair curb cuts for Anchorage residents.
1. How urgent is the need for this project?				✓		
2. To what extent does this project alleviate present inadequacies?					✓	
<b>SUPPORT</b>						<u>Support</u> - These projects are selected upon the basis of the need for improvement and demand of citizens requests.
1. How does this project relate to specific plans adopted by the Municipality?				✓		
2. To what extent has the public supported this project?					✓	
<b>REQUIREMENT</b>						<u>Requirement</u> - G.O. Bonds will be required for funding.
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?		✓				
2. Is this project a requirement for either State or Federal funding?		✓				
<b>IMPACT ON THE OPERATING BUDGET</b>						<u>Operating Budget</u> - No effect.
1. To what extent does this project reduce the cost of providing a Municipal service?			✓			
2. Does this project reduce personnel costs?			✓			

## CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT		ACCT. CODE					PRIORITY			
Public Works							5			
PROJECT CATEGORY		SERVICE AREA								
Street Improvements		Anchorage Roads and Drainage S.A.								
TITLE		1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
Subdivision Arterial and Collector Reimbursement										
ESTIMATED COST		IN THOUSANDS								
LAND AND R.O.W.										
CONSTRUCTION										
PLANNING AND DESIGN										
EQUIPMENT										
INTERFUND CHARGES										
OTHER (Reimbursement)		300.0	540.0	580.0	620.0	660.0	700.0	3,400.0		3,400.0
<b>TOTAL</b>		300.0	540.0	580.0	620.0	660.0	700.0	3,400.0		3,400.0
SOURCE OF FUNDS		REIMBURSABLES								
G.O. BONDS AUTHORIZED										
G.O. BONDS UNAUTHORIZED		300.0	540.0	580.0	620.0	660.0	700.0			
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
<b>TOTAL</b>		300.0	540.0	580.0	620.0	660.0	700.0			
OPERATING BUDGET IMPACT		1978		1978		FUTURE ANNUAL		FUTURE ANNUAL		ANNUAL REVENUE
		PERSONNEL COSTS		OTHER COSTS		PERSONNEL COSTS		OTHER COSTS		
PROJECT STATUS: Proposed										
LOCATION: Various										
GROSS FLOOR AREA: N/A										
BUILDING COST PER SQ. FT.: N/A										(mos.)
ASSET LIFE: N/A										
						DESIGN FEES:				N/A
						PERCENT OF BLDG. COSTS:				N/A
						ESTIMATED CONSTRUCTION PERIOD:				N/A
						STARTING TIME:				N/A
						ASSESSMENTS:				N/A

CAPITAL IMPROVEMENT PROJECT ESTIMATE -- JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: Subdivision Arterial and Collector Street	
PROJECT CATEGORY: Street Improvements		SERVICE AREA: Anchorage Roads and Drainage S.A.			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?			✓		<u>Feasibility</u> - These project reimbursements are necessary to provide fund reimbursement to contractors for the construction of Municipal arterial and collector streets and relates directly to the requirements for subdivision agreements,
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?				✓	
<b>NEED</b>					
1. How urgent is the need for this project?				✓	<u>Need</u> - The need for these funds is dictated by private development within the community to meet present subdivision plans and codes.
2. To what extent does this project alleviate present inadequacies?			✓		
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?			✓		<u>Support</u> - Support of this funding is from public demand and private development construction.
2. To what extent has the public supported this project?				✓	
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?				✓	<u>Requirement</u> - Policies established by the Municipality provides for total fund reimbursement to private developers for arterial streets and 2/3 fund reimbursement for collector streets.
2. Is this project a requirement for either State or Federal funding?	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?			✓		<u>Operating Budget</u> - No effect.
2. Does this project reduce personnel costs?			✓		

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT			ACCT. CODE				PRIORITY			
Public Works							6			
PROJECT CATEGORY			SERVICE AREA							
Street Improvements			Anchorage Roads and Drainage S.A.							
TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
Mt. View Drive - Commercial to Bragaw										
<b>ESTIMATED COST</b>			<b>IN THOUSANDS</b>							
LAND AND R.O.W.	200.0						200.0		200.0	
CONSTRUCTION	623.0						623.0		623.0	
PLANNING AND DESIGN										
EQUIPMENT										
INTERFUND CHARGES	111.0						111.0		111.0	
OTHER (In-House Engineering)	156.0						156.0		156.0	
<b>TOTAL</b>	<b>1,090.0</b>						<b>1,090.0</b>		<b>1,090.0</b>	
<b>SOURCE OF FUNDS</b>			<b>REIMBURSABLES</b>							
G.O. BONDS AUTHORIZED										
G.O. BONDS UNAUTHORIZED	1,090.0									
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
<b>TOTAL</b>	<b>1,090.0</b>									
OPERATING BUDGET IMPACT		1978 PERSONNEL COSTS	1978 OTHER COSTS	FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE		
Public Works Maintenance,				+0.5						
PROJECT STATUS: Proposed				DESIGN FEES: \$156.0						
LOCATION: Mt. View Drive from Commercial to Bragaw				PERCENT OF BLDG. COSTS: 25%						
GROSS FLOOR AREA: N/A				ESTIMATED CONSTRUCTION PERIOD: 6 (mos.)						
BUILDING COST PER SQ. FT.: N/A				STARTING TIME: July, 1978						
ASSET LIFE: N/A				ASSESSMENTS: N/A						

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: Mt. View Dr. - Commercial to Bragaw	
PROJECT CATEGORY: Street Improvements		SERVICE AREA: Anchorage Roads and Drainage S.A.			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?				✓	
<b>NEED</b>					
1. How urgent is the need for this project?				✓	
2. To what extent does this project alleviate present inadequacies?				✓	
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?				✓	
2. To what extent has the public supported this project?				✓	
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?				✓	
2. Is this project a requirement for either State or Federal funding?	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?	✓				
2. Does this project reduce personnel costs?	✓				

## CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT		ACCT. CODE					PRIORITY			
Public Works							7			
PROJECT CATEGORY		SERVICE AREA								
Street Improvements		Anchorage Roads and Drainage S.A.								
TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
Pedestrian Overpass - 15th & Medfra										
ESTIMATED COST		IN THOUSANDS								
LAND AND R.O.W.	50.0						50.0		50.0	
CONSTRUCTION	160.0						160.0		160.0	
PLANNING AND DESIGN	20.0						20.0		20.0	
EQUIPMENT										
INTERFUND CHARGES	10.0						10.0		10.0	
OTHER										
TOTAL	240.0						240.0		240.0	
SOURCE OF FUNDS		REIMBURSABLES								
G.O. BONDS AUTHORIZED										
G.O. BONDS UNAUTHORIZED	240.0									
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
TOTAL	240.0									
OPERATING BUDGET IMPACT		1978 PERSONNEL COSTS		1978 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE
PROJECT STATUS: Proposed					DESIGN FEES: 20.0					
LOCATION: 15th and Medfra					PERCENT OF BLDG. COSTS: 8%					
GROSS FLOOR AREA: N/A					ESTIMATED CONSTRUCTION PERIOD: 6 (mos.)					
BUILDING COST PER SQ. FT.: N/A					STARTING TIME: April, 1978					
ASSET LIFE: 25 Years					ASSESSMENTS: N/A					

CAPITAL IMPROVEMENT PROJECT ESTIMATE - JUSTIFICATION

DEPARTMENT: Public Works		ACCT CODE:		PROJECT TITLE: Pedestrian Overcrossing	
PROJECT CATEGORY: Street Improvements		SERVICE AREA: Anchorage Roads and Drainage S.A.			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?		✓			
<b>NEED</b>					
1. How urgent is the need for this project?			✓		This project would result in reducing pedestrian/vehicle conflicts at locations used primarily by school children.
2. To what extent does this project alleviate present inadequacies?			✓		
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?			✓		Safe pedestrian facilities are required by the multimode transportation concept of the Comprehensive Plan. The School District and P.T.A. groups support this project.
2. To what extent has the public supported this project?			✓		
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?				✓	
2. Is this project a requirement for either State or Federal funding?	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?		✓			School crossing guards will be eliminated at locations where overpasses are constructed.
2. Does this project reduce personnel costs?			✓		



## CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT			ACCT. CODE				PRIORITY			
Public Works							8			
PROJECT CATEGORY			SERVICE AREA							
Street Improvement			Anchorage Roads and Drainage S.A.							
TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
Fireweed - Spenard to Arctic Boulevard										
ESTIMATED COST		IN THOUSANDS								
LAND AND R.O.W.		175.0					175.0		175.0	
CONSTRUCTION		66.5					66.5	224.0	290.5	
PLANNING AND DESIGN		17.0					17.0	56.0	73.0	
EQUIPMENT										
INTERFUND CHARGES		11.5					11.5	40.0	51.5	
OTHER										
TOTAL			270.0				270.0	320.0	590.0	
SOURCE OF FUNDS		REIMBURSABLES								
G.O. BONDS AUTHORIZED										
G.O. BONDS UNAUTHORIZED		270.0								
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES								90.0		
FUND BALANCE/RET EARNINGS										
OTHER										
TOTAL			270.0					90.0		
OPERATING BUDGET IMPACT		19 PERSONNEL COSTS		19 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE
Public Works Maintenance						+0.125				
PROJECT STATUS: Proposed			DESIGN FEES: \$73.0			PERCENT OF BLDG. COSTS: 25%			ESTIMATED CONSTRUCTION PERIOD: 6 (mos.)	
LOCATION: Fireweed, from Spenard to Arctic			GROSS FLOOR AREA: N/A sq. ft.			STARTING TIME: June, 1979			ASSESSMENTS: \$349.0	
BUILDING COST PER SQ. FT.: N/A			ASSET LIFE: N/A							

CAPITAL IMPROVEMENT PROJECT ESTIMATE -- JUSTIFICATION

DEPARTMENT: <b>Public Works</b>	ACCT. CODE:	PROJECT TITLE: <b>Fireweed - Spenard to Arctic</b>
PROJECT CATEGORY: <b>Street Improvements</b>	SERVICE AREA: <b>Anchorage Roads and Drainage S.A.</b>	

	-	0	✓	.	+	
<b>FEASIBILITY</b>						
1. How feasible is this project in terms of timing, costs and resource availability?			✓			
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?					✓	
<b>NEED</b>						
1. How urgent is the need for this project?					✓	
2. To what extent does this project alleviate present inadequacies?					✓	
<b>SUPPORT</b>						
1. How does this project relate to specific plans adopted by the Municipality?					✓	
2. To what extent has the public supported this project?					✓	
<b>REQUIREMENT</b>						
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?					✓	
2. Is this project a requirement for either State or Federal funding?					✓	
<b>IMPACT ON THE OPERATING BUDGET</b>						
1. To what extent does this project reduce the cost of providing a Municipal service?	✓					
2. Does this project reduce personnel costs?	✓					

## CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works			ACCT. CODE				PRIORITY 9			
PROJECT CATEGORY Street Improvements			SERVICE AREA Anchorage Roads and Drainage S.A.							
TITLE 36th - Arctic to "C" Street	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
ESTIMATED COST			IN THOUSANDS							
LAND AND R.O.W. CONSTRUCTION		605.5					605.5		605.5	
PLANNING AND DESIGN		107.5					107.5		107.5	
EQUIPMENT		152.0					152.0		152.0	
INTERFUND CHARGES										
OTHER (In-House Engineering)										
<b>TOTAL</b>		865.0					865.0		865.0	
<b>SOURCE OF FUNDS</b>							<b>REIMBURSABLES</b>			
G.O. BONDS AUTHORIZED		865.0					200.0			
G.O. BONDS UNAUTHORIZED										
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
<b>TOTAL</b>		865.0					200.0			
<b>OPERATING BUDGET IMPACT</b>	<b>1978 PERSONNEL COSTS</b>		<b>1978 OTHER COSTS</b>		<b>FUTURE ANNUAL PERSONNEL COSTS</b>		<b>FUTURE ANNUAL OTHER COSTS</b>		<b>ANNUAL REVENUE</b>	
<b>PROJECT STATUS:</b> Proposed					<b>DESIGN FEES:</b> \$152.0					
<b>LOCATION:</b> 36th Ave., from Arctic Blvd to "C" St.					<b>PERCENT OF BLDG. COSTS:</b> 25%					
<b>GROSS FLOOR AREA:</b> N/A					<b>ESTIMATED CONSTRUCTION PERIOD:</b> 6 (mos.)					
<b>BUILDING COST PER SQ. FT.:</b> N/A					<b>STARTING TIME:</b> July, 1979					
<b>ASSET LIFE:</b> N/A					<b>ASSESSMENTS:</b> N/A					

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works	ACCT. CODE:	PROJECT TITLE: 36th - Arctic to "C" Street
PROJECT CATEGORY: Street Improvements	SERVICE AREA: Anchorage Roads and Drainage S.A.	

	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?				✓	
<b>NEED</b>					
1. How urgent is the need for this project?				✓	
2. To what extent does this project alleviate present inadequacies?				✓	
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?				✓	
2. To what extent has the public supported this project?			✓		
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?				✓	
2. Is this project a requirement for either State or Federal funding?	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?		✓			
2. Does this project reduce personnel costs?		✓			

CIP-4

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE			PRIORITY 10		
PROJECT CATEGORY Street Improvements				SERVICE AREA Anchorage Roads and Drainage S.A.					
TITLE Commercial - 3rd Avenue to Taylor	19 78	19 79	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
ESTIMATED COST			IN THOUSANDS						
LAND AND R.O.W. CONSTRUCTION			892.5				892.5	1,720.0	2,612.5
PLANNING AND DESIGN									
EQUIPMENT									
INTERFUND CHARGES			159.5				159.5		159.5
OTHER (In-House Engineering)			223.0				223.0		223.0
TOTAL			1,275.0				1,275.0	1,720.0	2,995.0
SOURCE OF FUNDS				REIMBURSABLES					
G.O. BONDS AUTHORIZED									
G.O. BONDS UNAUTHORIZED			1,275.0						
REVENUE BONDS									
FEDERAL									
STATE									
OPERATING REVENUES									
FUND BALANCE/RET EARNINGS									
OTHER									
TOTAL			1,275.0						
OPERATING BUDGET IMPACT		1978 PERSONNEL COSTS	1978 OTHER COSTS	FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE	
Public Works Maintenance				+0.25					
PROJECT STATUS: Proposed				DESIGN FEES: \$223.0					
LOCATION: Commercial from 3rd Avenue to Taylor				PERCENT OF BLDG. COSTS: 25%					
GROSS FLOOR AREA: N/A				ESTIMATED CONSTRUCTION PERIOD: 6 (mos.)					
BUILDING COST PER SQ. FT. N/A				STARTING TIME: June, 1980					
ASSET LIFE: N/A				ASSESSMENTS: N/A					

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: Commercial - 3rd Ave. to Taylor	
PROJECT CATEGORY: Street Improvements		SERVICE AREA: Anchorage Roads and Drainage S.A.			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?				✓	
<b>NEED</b>					
1. How urgent is the need for this project?				✓	
2. To what extent does this project alleviate present inadequacies?				✓	
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?				✓	
2. To what extent has the public supported this project?				✓	
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?				✓	
2. Is this project a requirement for either State or Federal funding?	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?	✓				
2. Does this project reduce personnel costs?	✓				

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE			PRIORITY 11			
PROJECT CATEGORY Street Improvements				SERVICE AREA Anchorage Roads and Drainage S.A.						
TITLE Wisconsin Realignment - 44th to Spenard	1978	1979	1980	1981	1982	19 83	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
ESTIMATED COST							IN THOUSANDS			
LAND AND R.O.W. CONSTRUCTION			448.0				448.0		448.0	
PLANNING AND DESIGN EQUIPMENT										
INTERFUND CHARGES			80.0				80.0		80.0	
OTHER (In-House Engineering)			112.0				112.0		112.0	
TOTAL			640.0				640.0		640.0	
SOURCE OF FUNDS							REIMBURSABLES			
G.O. BONDS AUTHORIZED										
G.O. BONDS UNAUTHORIZED			640.0							
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
TOTAL			640.0							
OPERATING BUDGET IMPACT		19 PERSONNEL COSTS		19 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE
PROJECT STATUS: Proposed				DESIGN FEES: \$112.0						
LOCATION: Wisconsin, from 44th Ave. to Spenard Rd.				PERCENT OF BLDG. COSTS: 25%						
GROSS FLOOR AREA: N/A				ESTIMATED CONSTRUCTION PERIOD: 6 (mos.)						
BUILDING COST PER SQ. FT.: N/A				STARTING TIME: July, 1980						
ASSET LIFE: N/A				ASSESSMENTS: \$153.0						

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: Wisconsin Realignment - 44th to Spenard	
PROJECT CATEGORY: Street Improvements		SERVICE AREA: Anchorage Roads and Drainage S.A.			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?				✓	
<b>NEED</b>					
1. How urgent is the need for this project?			✓		
2. To what extent does this project alleviate present inadequacies?				✓	
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?				✓	
2. To what extent has the public supported this project?			✓		
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?				✓	
2. Is this project a requirement for either State or Federal funding?	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?	✓				
2. Does this project reduce personnel costs?	✓				



## CIP-4

## CAPITAL IMPROVEMENT PROJECT ESTIMATE

Page 601

DEPARTMENT Public Works		ACCT. CODE		PRIORITY 12					
PROJECT CATEGORY Street Improvements		SERVICE AREA Anchorage Roads and Drainage S.A.							
TITLE Northwood - 83rd to Strawberry and Strawberry - Lotus Dr. to Aireico Rd. (Gravel)	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
ESTIMATED COST	IN THOUSANDS								
LAND AND R.O.W.			812.0				812.0		812.0
CONSTRUCTION									
PLANNING AND DESIGN			145.0				145.0		145.0
EQUIPMENT			203.0				203.0		203.0
INTERFUND CHARGES									
OTHER (In-House Engineering)									
<b>TOTAL</b>			1,160.0				1,160.0		1,160.0
<b>SOURCE OF FUNDS</b>							<b>REIMBURSABLES</b>		
G.O. BONDS AUTHORIZED									
G.O. BONDS UNAUTHORIZED			1,160.0						
REVENUE BONDS									
FEDERAL									
STATE									
OPERATING REVENUES									
FUND BALANCE/RET EARNINGS									
OTHER									
<b>TOTAL</b>			1,160.0						
<b>OPERATING BUDGET IMPACT</b>	<b>1978 PERSONNEL COSTS</b>		<b>1978 OTHER COSTS</b>		<b>FUTURE ANNUAL PERSONNEL COSTS</b>		<b>FUTURE ANNUAL OTHER COSTS</b>		<b>ANNUAL REVENUE</b>
<b>PROJECT STATUS:</b>	Proposed		<b>DESIGN FEES:</b>		\$203.0				
<b>LOCATION:</b>	Northwood, from 83rd to Strawberry - Strawberry		<b>PERCENT OF BLDG. COSTS:</b>		25%				
<b>GROSS FLOOR AREA:</b>	from Lotus Dr. to Aireico Rd.		<b>ESTIMATED CONSTRUCTION PERIOD:</b>		8 (mos.)				
<b>BUILDING COST PER SQ. FT.:</b>	N/A		<b>STARTING TIME:</b>		June, 1980				
<b>ASSET LIFE:</b>	N/A		<b>ASSESSMENTS:</b>		\$325.0				

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works	ACCT. CODE:	PROJECT TITLE: Northwood - 83rd to Strawberry and Strawberry, Lotu
PROJECT CATEGORY: Street Improvement	SERVICE AREA: Anchorage Roads and Drainage S.A. Drive to Alreico Dr. (Gravel)	

  

	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?				✓	
<b>NEED</b>					
1. How urgent is the need for this project?			✓		
2. To what extent does this project alleviate present inadequacies?				✓	
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?				✓	
2. To what extent has the public supported this project?			✓		
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?				✓	
2. Is this project a requirement for either State or Federal funding?	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?	✓				
2. Does this project reduce personnel costs?	✓				

## CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works		ACCT. CODE					PRIORITY 13				
PROJECT CATEGORY Street Improvements		SERVICE AREA Anchorage Roads and Drainage S.A.									
TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST		
Baxter - Tudor to 16th											
ESTIMATED COST		IN THOUSANDS									
LAND AND R.O.W.											
CONSTRUCTION				2,520.0			2,520.0		2,520.0		
PLANNING AND DESIGN				315.0			315.0		315.0		
EQUIPMENT											
INTERFUND CHARGES				450.0			450.0		450.0		
OTHER (In-House Engineering)				315.0			315.0		315.0		
TOTAL					3,600.0		3,600.0		3,600.0		
SOURCE OF FUNDS		REIMBURSABLES									
G.O. BONDS AUTHORIZED											
G.O. BONDS UNAUTHORIZED				3,600.0							
REVENUE BONDS											
FEDERAL											
STATE											
OPERATING REVENUES											
FUND BALANCE/RET EARNINGS											
OTHER											
TOTAL					3,600.0						
OPERATING BUDGET IMPACT		1978 PERSONNEL COSTS		1978 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE	
Public Works Maintenance						.3					
PROJECT STATUS: Proposed				DESIGN FEES: 630.0							
LOCATION: Baxter Road				PERCENT OF BLDG. COSTS: 25%							
GROSS FLOOR AREA: N/A		sq. ft.		ESTIMATED CONSTRUCTION PERIOD: 6 (mos.)							
BUILDING COST PER SQ. FT.: N/A				STARTING TIME: June, 1981							
ASSET LIFE: N/A				ASSESSMENTS: 870.0							

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: Baxter - Tudor to 16th	
PROJECT CATEGORY: Street Improvements		SERVICE AREA: Anchorage Roads and Drainage S.A.			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?					
			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?					
			✓		
<b>NEED</b>					
1. How urgent is the need for this project?					
				✓	
2. To what extent does this project alleviate present inadequacies?					
				✓	
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?					
				✓	
2. To what extent has the public supported this project?					
				✓	
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?					
✓					
2. Is this project a requirement for either State or Federal funding?					
✓					
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?					
✓					
2. Does this project reduce personnel costs?					
✓					

## CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT			ACCT. CODE				PRIORITY		
Public Works							14		
PROJECT CATEGORY			SERVICE AREA						
Street Improvement			Anchorage Roads and Drainage S.A						
TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
88th - Dewberry to Arlene									
ESTIMATED COST			IN THOUSANDS						
LAND AND R.O.W. CONSTRUCTION				755.0			755.0		755.0
PLANNING AND DESIGN				135.0			135.0		135.0
EQUIPMENT				190.0			190.0		190.0
INTERFUND CHARGES									
OTHER (In-House Engineering)									
TOTAL							1,080.0		1,080.0
SOURCE OF FUNDS			REIMBURSABLES						
G.O. BONDS AUTHORIZED				1,080.0					
G.O. BONDS UNAUTHORIZED									
REVENUE BONDS									
FEDERAL									
STATE									
OPERATING REVENUES									
FUND BALANCE/RET EARNINGS									
OTHER									
TOTAL							1,080.0		
OPERATING BUDGET IMPACT	1978 PERSONNEL COSTS	1978 OTHER COSTS	FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE		
PROJECT STATUS: Proposed			DESIGN FEES: \$190.0						
LOCATION: 88th Avenue, from Dewberry to Arlene			PERCENT OF BLDG. COSTS: 25%						
GROSS FLOOR AREA: N/A			ESTIMATED CONSTRUCTION PERIOD: 6 (mos.)						
BUILDING COST PER SQ. FT.: N/A			STARTING TIME: July, 1981						
ASSET LIFE: N/A			ASSESSMENTS: \$150.0						

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: 88th - Dewberry to Arlene	
PROJECT CATEGORY: Street Improvements		SERVICE AREA: Anchorage Roads and Drainage S.A.			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?			✓		
<b>NEED</b>					
1. How urgent is the need for this project?				✓	
2. To what extent does this project alleviate present inadequacies?				✓	
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?				✓	
2. To what extent has the public supported this project?			✓		
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?				✓	
2. Is this project a requirement for either State or Federal funding?	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?		✓			
2. Does this project reduce personnel costs?		✓			

## CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE			PRIORITY 15				
PROJECT CATEGORY Street Improvements				SERVICE AREA Anchorage Roads and Drainage S.A.							
TITLE Mt. View Drive - Bragaw to McCarry	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST		
ESTIMATED COST			IN THOUSANDS								
LAND AND R.O.W. CONSTRUCTION				868.0			868.0		868.0		
PLANNING AND DESIGN											
EQUIPMENT											
INTERFUND CHARGES				155.0			155.0		155.0		
OTHER (In-House Engineering)				217.0			217.0		217.0		
TOTAL				1,240.0			1,240.0		1,240.0		
SOURCE OF FUNDS							REIMBURSABLES				
G.O. BONDS AUTHORIZED											
G.O. BONDS UNAUTHORIZED				1,240.0							
REVENUE BONDS											
FEDERAL											
STATE											
OPERATING REVENUES											
FUND BALANCE/RET EARNINGS											
OTHER											
TOTAL				1,240.0							
OPERATING BUDGET IMPACT		1978 PERSONNEL COSTS		1978 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE	
PROJECT STATUS: Proposed				DESIGN FEES: \$217.0							
LOCATION: Mt. View Drive from Bragaw to McCarry				PERCENT OF BLDG. COSTS: 25%							
GROSS FLOOR AREA: N/A sq. ft.				ESTIMATED CONSTRUCTION PERIOD: 6 (mos.)							
BUILDING COST PER SQ. FT.: N/A				STARTING TIME: June, 1981							
ASSET LIFE: N/A				ASSESSMENTS: \$315.0							

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: Mt. View Dr. - Bragaw to McCarry
PROJECT CATEGORY: Street Improvement		SERVICE AREA: Anchorage Roads and Drainage S.A.		
	-	0	✓	+
<b>FEASIBILITY</b>				
1. How feasible is this project in terms of timing, costs and resource availability?			✓	
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?				✓
<b>NEED</b>				
1. How urgent is the need for this project?				✓
2. To what extent does this project alleviate present inadequacies?				✓
<b>SUPPORT</b>				
1. How does this project relate to specific plans adopted by the Municipality?				✓
2. To what extent has the public supported this project?				✓
<b>REQUIREMENT</b>				
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?				✓
2. Is this project a requirement for either State or Federal funding?	✓			
<b>IMPACT ON THE OPERATING BUDGET</b>				
1. To what extent does this project reduce the cost of providing a Municipal service?		✓		
2. Does this project reduce personnel costs?		✓		
	EXPLANATION			



CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT		ACCT. CODE					PRIORITY				
Public Works							16				
PROJECT CATEGORY		SERVICE AREA									
Street Improvements		Anchorage Roads and Drainage S.A.									
TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST		
Patterson - NLB to Tudor											
ESTIMATED COST		IN THOUSANDS									
LAND AND R.O.W.					619.5		619.5		619.5		
CONSTRUCTION											
PLANNING AND DESIGN					145.0		145.0		145.0		
EQUIPMENT					160.5		160.5		160.5		
INTERFUND CHARGES											
OTHER (In-House Engineering)											
TOTAL					925.0		925.0		925.0		
SOURCE OF FUNDS		REIMBURSABLES									
G.O. BONDS AUTHORIZED					925.0						
G.O. BONDS UNAUTHORIZED											
REVENUE BONDS											
FEDERAL											
STATE											
OPERATING REVENUES											
FUND BALANCE/RET EARNINGS											
OTHER											
TOTAL					925.0						
OPERATING BUDGET IMPACT		1978 PERSONNEL COSTS		1978 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE	
Public Work Maintenance						.3					
PROJECT STATUS: Proposed				DESIGN FEES: 161.5							
LOCATION: Patterson				PERCENT OF BLDG. COSTS: 25%							
GROSS FLOOR AREA: N/A				ESTIMATED CONSTRUCTION PERIOD: 6 (mos.)							
BUILDING COST PER SQ. FT.: N/A				STARTING TIME: June, 1982							
ASSET LIFE: N/A				ASSESSMENTS: 260.0							

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works				ACCT. CODE:	PROJECT TITLE: Patterson - No. Lights Blvd. to Tudor
PROJECT CATEGORY: Street Improvements				SERVICE AREA: Anchorage Roads and Drainage S.A.	
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?					
			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?					
				✓	
<b>NEED</b>					
1. How urgent is the need for this project?					
2. To what extent does this project alleviate present inadequacies?					
				✓	
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?					
				✓	
2. To what extent has the public supported this project?					
				✓	
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?					
				✓	
2. Is this project a requirement for either State or Federal funding?					
✓					
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?					
✓					
2. Does this project reduce personnel costs?					
✓					

## CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT			ACCT. CODE				PRIORITY			
Public Works							17			
PROJECT CATEGORY			SERVICE AREA							
Street Improvements			Anchorage Roads and Drainage S.A							
TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
Pine St. - 6th to Glenn Highway										
ESTIMATED COST			IN THOUSANDS							
LAND AND R.O.W. CONSTRUCTION					647.5		647.5		647.5	
PLANNING AND DESIGN EQUIPMENT					115.5		115.5		115.5	
INTERFUND CHARGES OTHER (In-House Engineering)					162.0		162.0		162.0	
TOTAL					925.0		925.0		925.0	
SOURCE OF FUNDS			REIMBURSABLES							
G.O. BONDS AUTHORIZED					925.0					
G.O. BONDS UNAUTHORIZED										
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
TOTAL					925.0					
OPERATING BUDGET IMPACT		1978 PERSONNEL COSTS	1978 OTHER COSTS	FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE		
PROJECT STATUS: Proposed				DESIGN FEES:		162.0				
LOCATION: Pine Street				PERCENT OF BLDG. COSTS:		25%				
GROSS FLOOR AREA: N/A				ESTIMATED CONSTRUCTION PERIOD:		6		(mos.)		
BUILDING COST PER SQ. FT.: N/A				STARTING TIME:		July, 1982				
ASSET LIFE: N/A				ASSESSMENTS:		222.0				

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: Pine Street - 6th to Glenn Highway	
PROJECT CATEGORY: Street Improvements		SERVICE AREA: Anchorage Roads and Drainage S.A.			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?			✓		
<b>NEED</b>					
1. How urgent is the need for this project?				✓	
2. To what extent does this project alleviate present inadequacies?				✓	
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?				✓	
2. To what extent has the public supported this project?				✓	
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?				✓	
2. Is this project a requirement for either State or Federal funding?	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?		✓			
2. Does this project reduce personnel costs?		✓			

## CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT				ACCT. CODE			PRIORITY			
Public Works							18			
PROJECT CATEGORY				SERVICE AREA						
Street Improvements				Anchorage Roads and Drainage S.A.						
TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
Arctic - 44th to International										
ESTIMATED COST										
IN THOUSANDS										
LAND AND R.O.W. CONSTRUCTION					885.5		885.5		885.5	
PLANNING AND DESIGN					158.5		158.5		158.5	
EQUIPMENT					221.0		221.0		221.0	
INTERFUND CHARGES										
OTHER (In-House Engineering)										
TOTAL					1,265.0		1,265.0		1,265.0	
SOURCE OF FUNDS										
G.O. BONDS AUTHORIZED										
G.O. BONDS UNAUTHORIZED					1,265.0					
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
TOTAL					1,265.0					
OPERATING BUDGET IMPACT										
	19 PERSONNEL COSTS		19 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE	
PROJECT STATUS: Proposed					DESIGN FEES: \$221.0					
LOCATION: Arctic Blvd., from 44th Ave. to International					PERCENT OF BLDG. COSTS: 25%					
GROSS FLOOR AREA: N/A					ESTIMATED CONSTRUCTION PERIOD: 6 (mos.)					
BUILDING COST PER SQ. FT.: N/A					STARTING TIME: June, 1982					
ASSET LIFE: N/A					ASSESSMENTS: N/A					

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works	ACCT. CODE: -	PROJECT TITLE: Arctic - 44th to International
PROJECT CATEGORY: Street Improvements	SERVICE AREA: Anchorage Roads and Drainage S.A.	

	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?				✓	
<b>NEED</b>					
1. How urgent is the need for this project?			✓		
2. To what extent does this project alleviate present inadequacies?				✓	
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?				✓	
2. To what extent has the public supported this project?			✓		
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?				✓	
2. Is this project a requirement for either State or Federal funding?	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?		✓			
2. Does this project reduce personnel costs?			✓		

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE			PRIORITY 19			
PROJECT CATEGORY Street Improvements				SERVICE AREA Anchorage Roads and Drainage S.A.						
TITLE Wisconsin - Northern Lights to Spenard	1978	19 79	19 80	19 81	1982	19 83	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
ESTIMATED COST										
IN THOUSANDS										
LAND AND R.O.W.					1,554.0		1,554.0		1,554.0	
CONSTRUCTION					388.5		388.5		388.5	
PLANNING AND DESIGN					277.5		277.5		277.5	
EQUIPMENT										
INTERFUND CHARGES										
OTHER										
TOTAL					2,220.0		2,220.0		2,220.0	
SOURCE OF FUNDS							REIMBURSABLES			
G.O. BONDS AUTHORIZED					2,220.0					
G.O. BONDS UNAUTHORIZED										
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
TOTAL					2,220.0					
OPERATING BUDGET IMPACT		19 PERSONNEL COSTS		19 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE
PROJECT STATUS: Proposed					DESIGN FEES: \$388.5					
LOCATION: Wisconsin, from Northern Lights Blvd. to Spenard sq. ft.					PERCENT OF BLDG. COSTS: 25%					
GROSS FLOOR AREA: N/A					ESTIMATED CONSTRUCTION PERIOD: 6 (mos.)					
BUILDING COST PER SQ. FT.: N/A					STARTING TIME: June, 1982					
ASSET LIFE: N/A					ASSESSMENTS: \$530.0					

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: Wisconsin - No. Lights to Spenard	
PROJECT CATEGORY: Street Improvements		SERVICE AREA: Anchorage Roads and Drainage S.A.			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?					
			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?					
			✓		
<b>NEED</b>					
1. How urgent is the need for this project?					
			✓		
2. To what extent does this project alleviate present inadequacies?					
				✓	
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?					
				✓	
2. To what extent has the public supported this project?					
			✓		
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?					
				✓	
2. Is this project a requirement for either State or Federal funding?					
	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?					
	✓				
2. Does this project reduce personnel costs?					
	✓				



## CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works		ACCT. CODE					PRIORITY 20			
PROJECT CATEGORY Street Improvements		SERVICE AREA Anchorage Roads and Drainage S.A.								
TITLE Providence - Lake Otis to University Drive	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
ESTIMATED COST	IN THOUSANDS									
LAND AND R.O.W. CONSTRUCTION PLANNING AND DESIGN EQUIPMENT INTERFUND CHARGES OTHER (In-House Engineering)						1,078.0	1,078.0		1,078.0	
						192.5	192.5		192.5	
						269.5	269.5		269.5	
<b>TOTAL</b>						1,540.0	1,540.0		1,540.0	
<b>SOURCE OF FUNDS</b>								<b>REIMBURSABLES</b>		
G.O. BONDS AUTHORIZED G.O. BONDS UNAUTHORIZED REVENUE BONDS FEDERAL STATE OPERATING REVENUES FUND BALANCE/RET EARNINGS OTHER						1,540.0				
<b>TOTAL</b>						1,540.0				
<b>OPERATING BUDGET IMPACT</b>	<b>1978 PERSONNEL COSTS</b>		<b>1978 OTHER COSTS</b>		<b>FUTURE ANNUAL PERSONNEL COSTS</b>		<b>FUTURE ANNUAL OTHER COSTS</b>		<b>ANNUAL REVENUE</b>	
<b>PROJECT STATUS:</b> Proposed					<b>DESIGN FEES:</b> \$269.5					
<b>LOCATION:</b> Providence Ave. from Lake Otis to University Dr					<b>PERCENT OF BLDG. COSTS:</b> 25%					
<b>GROSS FLOOR AREA:</b> N/A sq. ft.					<b>ESTIMATED CONSTRUCTION PERIOD:</b> 6 (mos.)					
<b>BUILDING COST PER SQ. FT.:</b> N/A					<b>STARTING TIME:</b> June, 1983					
<b>ASSET LIFE:</b> N/A					<b>ASSESSMENTS:</b> N/A					

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works				ACCT. CODE:	PROJECT TITLE: Providence - Lake Otis to University Dr.
PROJECT CATEGORY: Street Improvements				SERVICE AREA: Anchorage Roads and Drainage S.A.	
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?					
			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?					
				✓	
<b>NEED</b>					
1. How urgent is the need for this project?					
				✓	
2. To what extent does this project alleviate present inadequacies?					
				✓	
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?					
				✓	
2. To what extent has the public supported this project?					
				✓	
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?					
				✓	
2. Is this project a requirement for either State or Federal funding?					
	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?					
		✓			
2. Does this project reduce personnel costs?					
		✓			

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE			PRIORITY 21			
PROJECT CATEGORY Street Improvement				SERVICE AREA Anchorage Roads and Drainage S.A.						
TITLE Patterson - Debarr to East 6th	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
ESTIMATED COST			IN THOUSANDS							
LAND AND R.O.W. CONSTRUCTION						833.0	833.0		833.0	
PLANNING AND DESIGN						149.0	149.0		149.0	
EQUIPMENT						208.0	208.0		208.0	
INTERFUND CHARGES										
OTHER (In-House Engineering)										
TOTAL						1,190.0	1,190.0		1,190.0	
SOURCE OF FUNDS			REIMBURSABLES							
G.O. BONDS AUTHORIZED						1,190.0				
G.O. BONDS UNAUTHORIZED										
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
TOTAL						1,190.0				
OPERATING BUDGET IMPACT		19 PERSONNEL COSTS	19 OTHER COSTS	FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE		
PROJECT STATUS: Proposed				DESIGN FEES: \$208.0						
LOCATION: Patterson, from Debarr Rd. to 6th Ave.				PERCENT OF BLDG. COSTS: 25%						
GROSS FLOOR AREA: N/A				ESTIMATED CONSTRUCTION PERIOD: 6 (mos.)						
BUILDING COST PER SQ. FT.: N/A				STARTING TIME: June, 1983						
ASSET LIFE: N/A				ASSESSMENTS: 285.0						

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: Patterson - Debarr to East 6th	
PROJECT CATEGORY: Street Improvements		SERVICE AREA: Anchorage Roads and Drainage S.A.			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?			✓		
<b>NEED</b>					
1. How urgent is the need for this project?			✓		
2. To what extent does this project alleviate present inadequacies?				✓	
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?				✓	
2. To what extent has the public supported this project?			✓		
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?				✓	
2. Is this project a requirement for either State or Federal funding?	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?	✓				
2. Does this project reduce personnel costs?	✓				

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE			PRIORITY 22			
PROJECT CATEGORY Street Improvement				SERVICE AREA Anchorage Roads and Drainage S.A.						
TITLE Arctic - International to Raspberry										
	19 78	19 79	19 80	19 81	19 82	19 83	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
ESTIMATED COST										
IN THOUSANDS										
LAND AND R.O.W.						804.0	804.0		804.0	
CONSTRUCTION										
PLANNING AND DESIGN										
EQUIPMENT										
INTERFUND CHARGES						143.0	143.0		143.0	
OTHER						201.0	201.0		201.0	
TOTAL							1,148.0	1,148.0	1,148.0	
SOURCE OF FUNDS										
REIMBURSABLES										
G.O. BONDS AUTHORIZED										
G.O. BONDS UNAUTHORIZED										
REVENUE BONDS						1,148.0				
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
TOTAL							1,148.0			
OPERATING BUDGET IMPACT		19 78 PERSONNEL COSTS		19 78 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE
PROJECT STATUS: Proposed				DESIGN FEES: \$201.0						
LOCATION: International Airport Rd. to Raspberry sq. ft.				PERCENT OF BLDG. COSTS: 25%						
GROSS FLOOR AREA: N/A				ESTIMATED CONSTRUCTION PERIOD: 6 (mos.)						
BUILDING COST PER SQ. FT.: N/A				STARTING TIME: June, 1983						
ASSET LIFE: N/A				ASSESSMENTS: N/A						

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works				ACCT. CODE:	PROJECT TITLE: Arctic - International to Raspberry
PROJECT CATEGORY: Street Improvements				SERVICE AREA: Anchorage Roads and Drainage S.A.	
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?					
			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?					
				✓	
<b>NEED</b>					
1. How urgent is the need for this project?					
			✓		
2. To what extent does this project alleviate present inadequacies?					
			✓		
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?					
				✓	
2. To what extent has the public supported this project?					
			✓		
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?					
				✓	
2. Is this project a requirement for either State or Federal funding?					
	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?					
	✓				
2. Does this project reduce personnel costs?					
	✓				

CIP-4

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works			ACCT. CODE				PRIORITY 23					
PROJECT CATEGORY Street Improvement			SERVICE AREA Anchorage Roads and Drainage S.A.									
TITLE Old Seward - 44th to Dowling			1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
ESTIMATED COST			IN THOUSANDS									
LAND AND R.O.W.								1,862.0	862.0		862.0	
CONSTRUCTION								465.5	465.5		465.5	
PLANNING AND DESIGN												
EQUIPMENT												
INTERFUND CHARGES								332.5	332.5		332.5	
OTHER												
TOTAL								2,660.0	2,660.0		2,660.0	
SOURCE OF FUNDS									REIMBURSABLES			
G.O. BONDS AUTHORIZED												
G.O. BONDS UNAUTHORIZED								2,660.0				
REVENUE BONDS												
FEDERAL												
STATE												
OPERATING REVENUES												
FUND BALANCE/RET EARNINGS												
OTHER												
TOTAL								2,660.0				
OPERATING BUDGET IMPACT			1978 PERSONNEL COSTS		1978 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE	
PROJECT STATUS: Proposed			DESIGN FEES: \$465.5									
LOCATION: Old Seward Highway, from 44th Ave. to Dowling Rd.			PERCENT OF BLDG. COSTS: 25%									
GROSS FLOOR AREA: N/A			ESTIMATED CONSTRUCTION PERIOD: 6 (mos.)									
BUILDING COST PER SQ. FT.: N/A			STARTING TIME: June 1983									
ASSET LIFE: N/A			ASSESSMENTS: N/A									

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: Old Seward - 44th to Dowling	
PROJECT CATEGORY: Street Improvements		SERVICE AREA: Anchorage Roads and Drainage S.A.			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?				✓	
<b>NEED</b>					
1. How urgent is the need for this project?			✓		
2. To what extent does this project alleviate present inadequacies?				✓	
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?				✓	
2. To what extent has the public supported this project?			✓		
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?				✓	
2. Is this project a requirement for either State or Federal funding?	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?	✓				
2. Does this project reduce personnel costs?	✓				



CIP-1

## DEPARTMENT CAPITAL NEEDS ANALYSIS

DEPARTMENT	Public Works
PROGRAM CATEGORY	Storm Drainage

**POLICY GOALS**

Flood Plain Information - Campbell Creek, Storm Drainage Study - Spenard District, Muldoon Service Area Storm Drainage Study, Sand Lake Service Area Storm Drainage Study, Special Flood Hazard Report - Chester Creek, Urban Storm Runoff Data Collection Report, 208 Work Plan and Comprehensive Plan, Miscellaneous Storm Studies -

To insure that the natural environment is enhanced, maintained and protected by establishing high-quality standards for the protection of soil, vegetation, and water with appropriate surveillance and enforcement of these standards with the objectives of:

Objectives - Establishing policies to protect water recharge, watershed and floodplain areas.

(continued next page)

**SIX-YEAR DEPARTMENT GOALS AND STRATEGY**

The goal of the Public Works Department for Storm Drainage Improvements during the next 6 years is to design and construct as many major trunk drain lines and residential lateral storm drain lines within the community as is feasible according to the greatest need and service to the majority of the population while implementing the proposals of the various storm drainage studies.

This goal will be achieved in the CIP scheduling of several major trunk projects and anticipation of lateral projects in each year.

**PRIORITY CRITERIA**

The priority of storm drainage improvements has been established on the basis of the following criteria:

1. Consideration of the overall need of the community for drainage improvements with emphasis on the efficiency of the project to alleviate present inadequacies for drainage within the drainage basins.
2. Support of the proposed improvements as evidenced in existing storm drainage reports and through citizen requests and complaints.
3. The feasibility of designing and constructing the proposed improvements within the established time frame through use of existing Municipal resources and consulting engineers, availability of funds, grants and reimbursements and the relationship of the improvement to the overall benefit of the community.

CIP-1

**DEPARTMENT CAPITAL NEEDS ANALYSIS**

DEPARTMENT	Public Works
PROGRAM CATEGORY	Storm Drainage (con't.)

**POLICY GOALS**

Planning storm drainage facilities including trunk drain lines and culverts as will be required to provide for future development in each drainage basin.

Planning necessary improvements within the community for carrying future increased storm flows.

Integration of existing facilities into an overall drainage program.

**SIX-YEAR DEPARTMENT GOALS AND STRATEGY**

**PRIORITY CRITERIA**

**CIP-2**  
**DEPARTMENT CAPITAL NEEDS ANALYSIS**

DEPARTMENT Public Works
PROGRAM CATEGORY Storm Drainage

**EXISTING CAPITAL IMPROVEMENT BUDGET**

PROJECT TITLE	CURRENT STATUS	EXPLANATION
Pine Street Storm (77-1) (C7S722)	Project scope reduced, Phase I Construction planned for 1977	Lack of funding caused reduction of scope with Phase II and III planned for later years
Sherwood Acres Storm System - Phase I (77-2) (B2S608)	Under design - Environmental concerns may delay project	Approval of State Agencies is required for out falling piped systems into Campbell Creek and may cause delays of the project until all approvals are obtained
Diamond Birch Sub. Storm System (77-3) (B2S609)	Project scope reduced	Extremely poor soil conditions at the lower end of the Project and lack of funding prompted the decision to plan construction of the upper end only.

**CAPITAL IMPROVEMENT PROJECT SUMMARY**

DEPARTMENT Public Works		ACCT. CODE							
PROJECT CATEGORY Storm Drainage		SERVICE AREA Anchorage Roads and Drainage S.A.							
PROJECT TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
	IN THOUSANDS								
Total Storm Drains									
<b>TOTAL</b>	1,740.0	2,331.0	2,842.0	2,660.0	3,234.0	3,486.0	16,293.0		16,293.0
<b>SOURCE OF FUNDS</b>							<b>REIMBURSABLES</b>		
G. O. BONDS AUTHORIZED									
G. O. BONDS UNAUTHORIZED	1,740.0	2,331.0	2,842.0	2,660.0	3,234.0	3,486.0			
REVENUE BONDS									
FEDERAL									
STATE									
OPERATING REVENUES									
FUND BALANCE/RET EARNINGS									
OTHER									
<b>TOTAL</b>	1,740.0	2,331.0	2,842.0	2,660.0	3,234.0	3,486.0	90.0		

CAPITAL IMPROVEMENT PROJECT SUMMARY

DEPARTMENT Public Works				ACCT. CODE					
PROJECT CATEGORY Storm Drainage				SERVICE AREA Anchorage Roads and Drainage S.A.					
PROJECT TITLE	19 78	19 79	19 80	19 81	19 82	19 83	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
	IN THOUSANDS								
"C" St. - 36th to 40th -Storm	270.0						270.0		270.0
Pine St. Phase II	500.0						500.0		500.0
Muldoon Area - Creek Channel Improvements	70.0						70.0		70.0
Subdivision Storm Oversizing	400.0	540.0	580.0	620.0	660.0	700.0	3,500.0		3,500.0
Misc. Storm Improvements	500.0	540.0	580.0	620.0	660.0	1,400.0	4,300.0		4,300.0
Pine St. Phase III		324.0					324.0		324.0
Fish Creek Channel Improvements		313.0					313.0		313.0
Cope Street Drainage System		324.0					324.0		324.0
Sherwood Acres - Phase II		290.0					290.0		290.0
<b>TOTAL</b>	<b>1,740.0</b>	<b>2,331.0</b>	<b>1,160.0</b>	<b>1,240.0</b>	<b>1,320.0</b>	<b>2,100.0</b>	<b>9,891.0</b>		<b>9,891.0</b>
<b>SOURCE OF FUNDS</b>								<b>REIMBURSABLES</b>	
G. O. BONDS AUTHORIZED									
G. O. BONDS UNAUTHORIZED	1,740.0	2,331.0	1,160.0	1,240.0	1,320.0	2,100.0			
REVENUE BONDS									
FEDERAL									
STATE									
OPERATING REVENUES							90.0		
FUND BALANCE/RET EARNINGS									
OTHER									
<b>TOTAL</b>	<b>1,740.0</b>	<b>2,331.0</b>	<b>1,160.0</b>	<b>1,240.0</b>	<b>1,320.0</b>	<b>2,100.0</b>	<b>90.0</b>		

CAPITAL IMPROVEMENT PROJECT SUMMARY

DEPARTMENT Public Works		ACCT. CODE							
PROJECT CATEGORY Storm Drainage		SERVICE AREA Anchorage Roads and Drainage S.A.							
PROJECT TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
	IN THOUSANDS								
Bunnel Street Storm			348.0				348.0		348.0
Blackberry - 88th to Strawberry			638.0				638.0		638.0
Patterson St. Storm			464.0				464.0		464.0
Lincoln Park Storm			232.0				232.0		232.0
Turpin Street Storm				248.0			248.0		248.0
Nevilla Park Storm				372.0			372.0		372.0
Roosevelt Park Storm				260.0			260.0		260.0
Dimond - Birch Phase II				210.0			210.0		210.0
Northwood Storm System Ext.				330.0			330.0		330.0
<b>TOTAL</b>			1,682.0	1,420.0			3,102.0		3,102.0
<b>SOURCE OF FUNDS</b>							<b>REIMBURSABLES</b>		
G. O. BONDS AUTHORIZED									
G. O. BONDS UNAUTHORIZED			1,682.0	1,420.0					
REVENUE BONDS									
FEDERAL									
STATE									
OPERATING REVENUES									
FUND BALANCE/RET EARNINGS									
OTHER									
<b>TOTAL</b>			1,682.0	1,420.0					

## CAPITAL IMPROVEMENT PROJECT SUMMARY

DEPARTMENT Public Works		ACCT. CODE							
PROJECT CATEGORY Storm Drainage		SERVICE AREA Anchorage Roads and Drainage S.A.							
PROJECT TITLE	1978	1979	19 80	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
	IN THOUSANDS								
Industrial Park - Int'l Airport to 36th Storm					1,254.0		1,254.0		1,254.0
South Glenn Hwy - Oklahoma to Boniface Storm Phase I					660.0		660.0		660.0
Creekside School - 6th Ave. - Old Harbor Storm						686.0	686.0		686.0
South Glenn Hwy - Oklahoma to Boniface Storm Phase II						700.0	700.0		700.0
<b>TOTAL</b>					1,914.0	1,386.0	3,300.0		3,300.0
<b>SOURCE OF FUNDS</b>							<b>REIMBURSABLES</b>		
G. O. BONDS AUTHORIZED					1,914.0	1,386.0			
G. O. BONDS UNAUTHORIZED									
REVENUE BONDS									
FEDERAL									
STATE									
OPERATING REVENUES									
FUND BALANCE/RET EARNINGS									
OTHER									
<b>TOTAL</b>					1,914.0	1,386.0			

## CAPITAL IMPROVEMENT PROJECT SUMMARY

DEPARTMENT: Public Works	ACCT. CODE:
PROJECT CATEGORY: Storm Drainage	SERVICE AREA: Anchorage Roads & Drainage S.A.

"C" STREET - 36th TO 40th STORM (78)

Replace existing open ditch with a closed conduit along Fish Creek drainage system from 36th to 40th Avenue paralleling "C" Street, eliminating silting and glaciating problems along its entirety and eliminating maintenance problems.

PINE STREET - PHASE II (78)

Construction of an extension of the existing storm drain trunk line from Pine and DeBarr, paralleling Pine Street to 6th and Pine, then through Mellow Woods Subdivision to 4th and Bunnell. The closed conduit system will replace an inadequate and unsightly open ditch and provide for future drainage of the area north of 4th and Bunnell.

MULDOON AREA CREEK CHANNEL IMPROVEMENTS (78)

Deepen and widen the existing creek running north-south along the Military Boundary adjacent to Spring Acres Subdivision to the crossing in the vicinity of the intersection of Cherry Street and East 6th Avenue, decreasing flooding problems in the area.

SUBDIVISION STORM OVERSIZING (78-83)

Provide reimbursement to private developers for his additional costs in providing a larger capacity system for a subdivision to adequately serve lands outside the particular development.

MISCELLANEOUS STORM IMPROVEMENTS (78-83)

Provide funds for constructing miscellaneous drainage improvements throughout the Municipality for solving flooding, glaciating, silting and erosion problems. Specific projects will be determined each year as the need for drainage solution arises.

PINE STREET - PHASE III (79)

Project provides for replacement of the existing inadequate roadside ditch and is a necessary link between the planned closed conduit storm trunk at 4th and Bunnell and the existing outfall of the system installed by the State at 4th and Boniface.

FISH CREEK CHANNEL IMPROVEMENT (79)

Clean up channel along existing Fish Creek from Minnesota Drive down stream through Spenard, including upgrading of culvert crossings.



## CAPITAL IMPROVEMENT PROJECT SUMMARY

DEPARTMENT: Public Works	ACCT. CODE:
PROJECT CATEGORY: Storm Drainage	SERVICE AREA: Anchorage Roads & Drainage S.A.

COPE STREET DRAINAGE SYSTEM (79)

Construct 15" through 21" storm drain to serve area between 36th Avenue and 30th Avenue from Spenard Road to Arctic Boulevard, utilizing Fish Creek storm drain and eliminating existing maintenance problems in the area.

SHERWOOD ACRES - PHASE II (79)

Replace existing ditch, running along west side of Sherwood Acres from 76th Avenue north to the extension of 70th Ave. with storm drain, eliminating glaciation problems along existing ditch.

BUNNELL STREET STORM (80)

Construct storm drain to drain area bounded by Glenn Highway, Boniface Parkway, 4th Avenue, and McCarry Street, providing a system to divert the surface drainage in low-lying areas in the Pine Street System.

BLACKBERRY, 88th - STRAWBERRY STORM (80)

Construct 4,800 linear feet of 15" to 54" storm drain from Strawberry Road to West 88th Avenue east of Jewel Lake Road, providing drainage for privately developed areas and eliminating existing maintenance problems.

PATTERSON STREET STORM (80)

Construct storm drain north from DeBarr along Patterson providing drainage on Old Harbor Road and an area south of 11th Avenue and alleviating drainage problems east of Patterson.

LINCOLN PARK STORM (80)

Construct 15" storm drain to drain area south of Spenard Road along Lois Drive and Cleveland and McKinley Avenue east of Lois Drive, eliminating existing maintenance problems in the area.

TURPIN STREET STORM (81)

Construct 24" and 18" storm drain north from DeBarr along Turpin to serve area between 8th and DeBarr, solving existing maintenance problems.

NEVILLA PARK STORM (81)

Construct 15" through 24" storm drain from Muldoon Road at East 6th Avenue north and east to Peck Avenue, serving the area between 6th Ave. and Peck Avenue from Muldoon Road to Military Boundary, alleviating severe maintenance problems.

## CAPITAL IMPROVEMENT PROJECT SUMMARY

DEPARTMENT: Public Works	ACCT. CODE:
PROJECT CATEGORY: Storm Drainage	SERVICE AREA: Anchorage Roads and Drainage S.A.

ROOSEVELT PARK STORM (81)

Construct 15" through 18" storm drain to drain area between Northwood and railroad tracks from Spenard Road to Fish Creek, eliminating maintenance problems and flooded basements.

DIMOND - BIRCH PHASE II (81)

Construct a closed conduit storm system replacing the existing open ditch between the planned system near Birch Lake to Northwood Street eliminating maintenance problems facilitating future development of the area.

NORTHWOOD STORM SYSTEM EXTENSION (81)

Construct 21" and 24" storm drain to place drainage underground that presently flows in ditch from Windermere Subdivision west to Northwood and 48th Avenue, providing for future development.

INDUSTRIAL PARK - INTERNATIONAL AIRPORT - 36TH STORM (82)

Construct 15" through 36th storm drain to drain area bounded by 36th Avenue, Arctic Boulevard, International Airport Road, and "C" Street, providing drainage for future development.

SOUTH GLENN HIGHWAY, OKLAHOMA TO BONIFACE STORM - PHASE I (82)

Construct drainage system to drain area bounded by Glenn Highway, 9th Avenue, Muldoon Road, and Boniface, providing drainage for future development.

CREEKSIDE SCHOOL - 6TH AVENUE - OLD HARBOR STORM (83)

Construct 12" through 24" storm drain north along Patterson from Old Harbor Road to 6th Avenue with laterals to serve area between Patterson and Muldoon Road, solving present maintenance problems and serving as drainage for future development.

SOUTH GLENN HIGHWAY, OKLAHOMA TO BONIFACE STORM - PHASE II (83)

Provides for orderly extension of Phase I of the drainage area described above.

## CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT		ACCT. CODE					PRIORITY			
Public Works							1			
PROJECT CATEGORY		SERVICE AREA								
Storm Drainage		Anchorage Roads and Drainage S.A.								
TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
"C" Street - 36th to 40th Storm										
ESTIMATED COST		IN THOUSANDS								
LAND AND R.O.W. CONSTRUCTION	189.0						189.0		189.0	
PLANNING AND DESIGN										
EQUIPMENT										
INTERFUND CHARGES	34.0						34.0		34.0	
OTHER (In-House Engineering)	47.0						47.0		47.0	
<b>TOTAL</b>	<b>270.0</b>						<b>270.0</b>		<b>270.0</b>	
SOURCE OF FUNDS									REIMBURSABLES	
G.O. BONDS AUTHORIZED										
G.O. BONDS UNAUTHORIZED	270.0									
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
<b>TOTAL</b>	<b>270.0</b>									
OPERATING BUDGET IMPACT		19 PERSONNEL COSTS		19 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE
PROJECT STATUS: Proposed		DESIGN FEES: \$47.0		PERCENT OF BLDG. COSTS: 25%		ESTIMATED CONSTRUCTION PERIOD: 4 (mos.)		STARTING TIME: June, 1978		ASSESSMENTS: N/A
LOCATION: "C" Street, 36th to 40th		GROSS FLOOR AREA: N/A		BUILDING COST PER SQ. FT.: N/A		ASSET LIFE: N/A				

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT CODE:		PROJECT TITLE: "C" Street - 36th to 40th	
PROJECT CATEGORY: Storm Drainage		SERVICE AREA: Anchorage Road & Drainage S.A.			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?				✓	<u>Feasibility-</u> This project can be accomplished within the established time frame and funding and with the use of Municipal personnel for engineering. The improvement will tie between previously constructed portions of a major storm trunk.
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?			✓		
<b>NEED</b>					
1. How urgent is the need for this project?				✓	<u>Need-</u> Major developments adjacent to this portion of the Fish Creek drainage system necessitate replacing the unsightly and dangerous existing open ditch with a closed conduit. The existing ditch is badly silted and has created glaciating problems along its entirety. The closed system will eliminate these problems.
2. To what extent does this project alleviate present inadequacies?				✓	
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?				✓	<u>Support-</u> The project conforms to Fish Creek Drainage Study and past CIP's. Public support is evidenced by approval of these plans.
2. To what extent has the public supported this project?				✓	
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?	✓				<u>Requirement-</u> Funding requirements will be G.O. Bonds and the project is being considered for a Federal Grant.
2. Is this project a requirement for either State or Federal funding?				✓	
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?			✓		<u>Operating Budget-</u> Present maintenance demands are not greatly affected, however, continued siltation of the open ditch would require major maintenance in the future.
2. Does this project reduce personnel costs?			✓		

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE			PRIORITY 2		
PROJECT CATEGORY Storm Drainage				SERVICE AREA Anchorage Roads and Drainage S.A.					
TITLE Pine Street - Phase II	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
ESTIMATED COST	IN THOUSANDS								
LAND AND R.O.W. CONSTRUCTION	350.0						350.0		350.0
PLANNING AND DESIGN									
EQUIPMENT									
INTERFUND CHARGES	62.5						62.5		62.5
OTHER (In-House Engineering)	87.5						87.5		87.5
TOTAL	500.0						500.0		500.0
SOURCE OF FUNDS							REIMBURSABLES		
G.O. BONDS AUTHORIZED									
G.O. BONDS UNAUTHORIZED	500.0								
REVENUE BONDS									
FEDERAL									
STATE									
OPERATING REVENUES								90.0	
FUND BALANCE/RET EARNINGS									
OTHER									
TOTAL	500.0							90.0	
OPERATING BUDGET IMPACT	1978 PERSONNEL COSTS		1978 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE
PROJECT STATUS: Planned				DESIGN FEES: \$87.5					
LOCATION: Pine Street, Debarr Road to 6th Avenue, ending				PERCENT OF BLDG. COSTS: 25%					
GROSS FLOOR AREA: N/A at 4th & Bannel sq. ft.				ESTIMATED CONSTRUCTION PERIOD: (mos.)					
BUILDING COST PER SQ. FT.: N/A				STARTING TIME: June, 1978					
ASSET LIFE: N/A				ASSESSMENTS: N/A					

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: Pine Street - Phase II		
PROJECT CATEGORY: Storm Drainage		SERVICE AREA: Anchorage Roads and Drainage S.A.				
		-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>						
1. How feasible is this project in terms of timing, costs and resource availability?					✓	<u>Feasibility</u> - This project can be accomplished within the established time frame and funding and with the use of Municipal personnel for engineering. The improvement is an essential phase of a major storm drain trunk, extending Phase I constructed in 1977.
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?					✓	
<b>NEED</b>						
1. How urgent is the need for this project?					✓	<u>Need</u> - The improvement will solve flooding problems plaguing area residents for years and provide a key segment of a storm system which will eventually connect to facilities already constructed upstream.
2. To what extent does this project alleviate present inadequacies?					✓	
<b>SUPPORT</b>						
1. How does this project relate to specific plans adopted by the Municipality?					✓	<u>Support</u> - The project conforms to the Muldoon Service Area Storm Drainage Study and past CIP's. Public support is evidenced by the many complaints by area residents.
2. To what extent has the public supported this project?					✓	
<b>REQUIREMENT</b>						
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?		✓				<u>Requirement</u> - Funding requirements will be G.O. Bonds and the project is being considered for a federal grant.
2. Is this project a requirement for either State or Federal funding?					✓	
<b>IMPACT ON THE OPERATING BUDGET</b>						
1. To what extent does this project reduce the cost of providing a Municipal service?					✓	<u>Operating Budget</u> - The elimination of flooding problems, with its corresponding high maintenance demands, will reduce the personnel and equipment costs for the Municipality.
2. Does this project reduce personnel costs?					✓	

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE			PRIORITY 3		
PROJECT CATEGORY Storm Drainage				SERVICE AREA Anchorage Roads and Drainage S.A.					
TITLE									
Muldoon Area-Creek Channel Improvements	19 78	19 79	1980	1981	1982	19 83	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
ESTIMATED COST									
IN THOUSANDS									
LAND AND R.O.W. CONSTRUCTION	49.0						49.0		49.0
PLANNING AND DESIGN									
EQUIPMENT									
INTERFUND CHARGES	9.0						9.0		9.0
OTHER (In-House Engineering)	12.0						12.0		12.0
TOTAL	70.0						70.0		70.0
SOURCE OF FUNDS									
							REIMBURSABLES		
G.O. BONDS AUTHORIZED									
G.O. BONDS UNAUTHORIZED	70.0								
REVENUE BONDS									
FEDERAL									
STATE									
OPERATING REVENUES									
FUND BALANCE/RET EARNINGS									
OTHER									
TOTAL	70.0								
OPERATING BUDGET IMPACT									
		19 78		19 78		FUTURE ANNUAL		FUTURE ANNUAL	
		PERSONNEL COSTS		OTHER COSTS		PERSONNEL COSTS		OTHER COSTS	
								ANNUAL REVENUE	
PROJECT STATUS: Proposed					DESIGN FEES: \$12.0				
LOCATION: Creek Vicinity Muldoon Elem. School-Peck St. to Cherry St. sq. ft.					PERCENT OF BLDG. COSTS: 25%				
GROSS FLOOR AREA: N/A					ESTIMATED CONSTRUCTION PERIOD: 3 (mos.)				
BUILDING COST PER SQ. FT.: N/A					STARTING TIME: June, 1978				
ASSET LIFE: N/A					ASSESSMENTS: N/A				

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: Muldoon Avenue Creek Channel Improvements	
PROJECT CATEGORY: Storm Drainage		SERVICE AREA: Anchorage Roads and Drainage S.A.			
		-	0	✓	+
<b>FEASIBILITY</b>				✓	
1. How feasible is this project in terms of timing, costs and resource availability?				✓	
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?			✓		
<b>NEED</b>					
1. How urgent is the need for this project?					✓
2. To what extent does this project alleviate present inadequacies?					✓
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?					✓
2. To what extent has the public supported this project?				✓	
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?		✓			
2. Is this project a requirement for either State or Federal funding?		✓			
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?			✓		
2. Does this project reduce personnel costs?			✓		
		<b>EXPLANATION</b>			
		<u>Feasibility-</u> This project can be accomplished within the established time frame and funding and with the use of Municipal personnel for engineering. The improvement is not a part of any other projects or plans. It is a single problem area within a natural drainage way.			
		<u>Need-</u> The deepening and widening of the existing creek is needed to solve severe flooding problems in the vicinity of Cherry Street and East 6th Avenue.			
		<u>Support-</u> The project has been programmed for this year in past CIP's. Approval of these CIP's indicate support.			
		<u>Requirement-</u> Funding requirements will be G.O. Bonds.			
		<u>Operating Budget-</u> Costs of Municipal Service will not be greatly affected by this project but inconvenience and property damage to area residents will be reduced.			



CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works			ACCT. CODE				PRIORITY 4		
PROJECT CATEGORY Storm Drainage			SERVICE AREA Anchorage Roads and Drainage S.A.						
FILE Subdivision Storm Oversizing	19 78	1979	1980	19 81	1982	19 83	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
ESTIMATED COST		IN THOUSANDS							
LAND AND R.O.W. CONSTRUCTION PLANNING AND DESIGN EQUIPMENT INTERFUND CHARGES OTHER	400.0	540.0	580.0	620.0	660.0	700.0	3,500.0		3,500.0
TOTAL	400.0	540.0	580.0	620.0	660.0	700.0	3,500.0		3,500.0
SOURCE OF FUNDS							REIMBURSABLES		
G.O. BONDS AUTHORIZED G.O. BONDS UNAUTHORIZED REVENUE BONDS FEDERAL STATE OPERATING REVENUES FUND BALANCE/RET EARNINGS OTHER	400.0	540.0	580.0	620.0	660.0	700.0			
TOTAL	400.0	540.0	580.0	620.0	660.0	700.0			
OPERATING BUDGET IMPACT	19 78 PERSONNEL COSTS		1978 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE
PROJECT STATUS: Proposed LOCATION: Various GROSS FLOOR AREA: N/A BUILDING COST PER SQ. FT.: N/A ASSET LIFE: N/A				DESIGN FEES: N/A PERCENT OF BLDG. COSTS: N/A ESTIMATED CONSTRUCTION PERIOD: N/A (mos.) STARTING TIME: N/A ASSESSMENTS: N/A					

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: Subdivision Storm Oversizing		
PROJECT CATEGORY: Storm Drainage		SERVICE AREA: Anchorage Roads and Drainage S.A.				
		-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>						
1. How feasible is this project in terms of timing, costs and resource availability?				✓		<u>Feasibility</u> - Subdivision Storm Oversizing is feasible because it provides the most economical method to provide drainage systems in newly developed areas by reimbursing developers only for the oversizing necessary to accommodate drainage needs above their development. The oversizing will conform to existing or new drainage plans.
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?					✓	
<b>NEED</b>						
1. How urgent is the need for this project?				✓		<u>Need</u> - The need for these funds is dictated by private development within the community and will permit the orderly development of drainage facilities with community expansion. New development will create a need for these facilities.
2. To what extent does this project alleviate present inadequacies?				✓		
<b>SUPPORT</b>						
1. How does this project relate to specific plans adopted by the Municipality?				✓		<u>Support</u> - Established policies provide for this procedure and is supported by the demand for continued development within the Anchorage area.
2. To what extent has the public supported this project?				✓		
<b>REQUIREMENT</b>						
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?					✓	<u>Requirement</u> - Policies established by the Assembly provide for the funding of Subdivision Storm Oversizing. State or federal funding is not involved.
2. Is this project a requirement for either State or Federal funding?		✓				
<b>IMPACT ON THE OPERATING BUDGET</b>						
1. To what extent does this project reduce the cost of providing a Municipal service?			✓			<u>Operating Budget</u> - No effect.
2. Does this project reduce personnel costs?			✓			

CIP-4

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE			PRIORITY 5			
PROJECT CATEGORY Storm Drainage				SERVICE AREA Anchorage Roads and Drainage S.A.						
TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
Misc. Storm Improvements										
ESTIMATED COST			IN THOUSANDS							
LAND AND R.O.W. CONSTRUCTION	350.0	378.0	406.0	434.0	462.0	980.0	3,010.0		3,010.0	
PLANNING AND DESIGN										
EQUIPMENT										
INTERFUND CHARGES	62.0	68.0	72.0	78.0	82.0	174.5	536.5		536.5	
OTHER (In-house design)	88.0	94.0	102.0	108.0	116.0	245.5	753.5		753.5	
TOTAL	500.0	540.0	580.0	620.0	660.0	1,400.0	4,300.0		4,300.0	
SOURCE OF FUNDS							REIMBURSABLES			
G.O. BONDS AUTHORIZED										
G.O. BONDS UNAUTHORIZED	500.0	540.0	580.0	620.0	660.0	1,400.0				
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
TOTAL	500.0	540.0	580.0	620.0	660.0	1,400.0				
OPERATING BUDGET IMPACT		1978 PERSONNEL COSTS		1978 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE
PROJECT STATUS: Planned				DESIGN FEES: 753.5						
LOCATION: Various				PERCENT OF BLDG. COSTS: 25%						
GROSS FLOOR AREA: N/A				ESTIMATED CONSTRUCTION PERIOD: Varies (mos.)						
BUILDING COST PER SQ. FT.: N/A				STARTING TIME: Varies						
ASSET LIFE: N/A				ASSESSMENTS: N/A						

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: Miscellaneous Storm Improvement		
PROJECT CATEGORY: Storm Drainage		SERVICE AREA: Anchorage Roads and Drainage S.A.				
		-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>						<u>Feasibility</u> - The improvements would be feasible because of availability of Municipal personnel for engineering, the existing need for the improvement and the availability of funding. These improvements may not be related to any other projects.
1. How feasible is this project in terms of timing, costs and resource availability?				✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?			✓			
<b>NEED</b>						<u>Need</u> - These improvements would provide drainage for areas with existing flooding and runoff problems.
1. How urgent is the need for this project?				✓		
2. To what extent does this project alleviate present inadequacies?					✓	
<b>SUPPORT</b>						<u>Support</u> - These projects will be selected on a basis of community need as supported by citizen requests for storm drainage improvement in their area.
1. How does this project relate to specific plans adopted by the Municipality?				✓		
2. To what extent has the public supported this project?					✓	
<b>REQUIREMENT</b>						<u>Requirement</u> - G.O. Bond money would be required for funding.
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?		✓				
2. Is this project a requirement for either State or Federal funding?		✓				
<b>IMPACT ON THE OPERATING BUDGET</b>						<u>Operating Budget</u> - These improvements will have no effect on the operating budget.
1. To what extent does this project reduce the cost of providing a Municipal service?			✓			
2. Does this project reduce personnel costs?			✓			

## CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT		ACCT. CODE					PRIORITY			
Public Works							6			
PROJECT CATEGORY		SERVICE AREA								
Storm Drainage		Anchorage Roads and Drainage S.A.								
FILE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
Pine Street - Phase III										
ESTIMATED COST		IN THOUSANDS								
LAND AND R.O.W. CONSTRUCTION		226.0					226.0		226.0	
PLANNING AND DESIGN										
EQUIPMENT										
INTERFUND CHARGES		42.0					42.0		42.0	
OTHER (In-House Engineering)		56.0					56.0		56.0	
TOTAL			324.0				324.0		324.0	
SOURCE OF FUNDS		REIMBURSABLES								
G.O. BONDS AUTHORIZED										
G.O. BONDS UNAUTHORIZED		324.0								
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
TOTAL			324.0							
OPERATING BUDGET IMPACT		1978 PERSONNEL COSTS	1978 OTHER COSTS	FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE		
PROJECT STATUS: Proposed				DESIGN FEES:		56.0				
LOCATION: 4th Avenue-Bunnel St. to Boniface				PERCENT OF BLDG. COSTS:		25%				
GROSS FLOOR AREA: N/A sq. ft.				ESTIMATED CONSTRUCTION PERIOD:				4 (mos.)		
BUILDING COST PER SQ. FT.: N/A				STARTING TIME:		June, 1979				
ASSET LIFE: N/A				ASSESSMENTS:		N/A				

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: <b>Public Works</b>				ACCT. CODE:		PROJECT TITLE: <b>Pine Street- Phase III</b>	
PROJECT CATEGORY: <b>Storm Drainage</b>				SERVICE AREA: <b>Anchorage Roads and Drainage S.A.</b>			
	-	0	✓	+	EXPLANATION		
<b>FEASIBILITY</b>							
1. How feasible is this project in terms of timing, costs and resource availability?			✓				
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?			✓				
<b>NEED</b>							
1. How urgent is the need for this project?			✓				
2. To what extent does this project alleviate present inadequacies?			✓				
<b>SUPPORT</b>							
1. How does this project relate to specific plans adopted by the Municipality?			✓				
2. To what extent has the public supported this project?			✓				
<b>REQUIREMENT</b>							
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?	✓						
2. Is this project a requirement for either State or Federal funding?	✓						
<b>IMPACT ON THE OPERATING BUDGET</b>							
1. To what extent does this project reduce the cost of providing a Municipal service?		✓					
2. Does this project reduce personnel costs?		✓					

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE			PRIORITY 7		
PROJECT CATEGORY Storm Drainage				SERVICE AREA Anchorage Roads and Drainage S.A.					
TITLE Fish Creek Channel Improvement	1978	19 79	19 80	19 81	1982	19 83	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
ESTIMATED COST							IN THOUSANDS		
LAND AND R.O.W. CONSTRUCTION		219.0					219.0		219.0
PLANNING AND DESIGN EQUIPMENT		39.0					39.0		39.0
INTERFUND CHARGES OTHER (In-House Engineering)		55.0					55.0		55.0
TOTAL		313.0					313.0		313.0
SOURCE OF FUNDS							REIMBURSABLES		
G.O. BONDS AUTHORIZED		313.0							
G.O. BONDS UNAUTHORIZED									
REVENUE BONDS									
FEDERAL									
STATE									
OPERATING REVENUES									
FUND BALANCE/RET EARNINGS									
OTHER									
TOTAL		313.0							
OPERATING BUDGET IMPACT		19 78 PERSONNEL COSTS	19 78 OTHER COSTS	FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE	
PROJECT STATUS: Proposed				DESIGN FEES: \$55.0					
LOCATION: Fish Creek from Minnesota Dr. to Spenard Rd.				PERCENT OF BLDG. COSTS: 25%					
GROSS FLOOR AREA: N/A sq. ft.				ESTIMATED CONSTRUCTION PERIOD: 3 (mos.)					
BUILDING COST PER SQ. FT.: N/A				STARTING TIME: June, 1979					
ASSET LIFE: N/A				ASSESSMENTS: N/A					

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: <u>Public Works</u>		ACCT. CODE:		PROJECT TITLE: <u>Fish Creek Channel Improvement</u>		
PROJECT CATEGORY: <u>Storm Drainage</u>		SERVICE AREA: <u>Anchorage Roads and Drainage S.A.</u>				
		-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>				✓		
1. How feasible is this project in terms of timing, costs and resource availability?				✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?				✓		
<b>NEED</b>						
1. How urgent is the need for this project?				✓		
2. To what extent does this project alleviate present inadequacies?				✓		
<b>SUPPORT</b>						
1. How does this project relate to specific plans adopted by the Municipality?				✓		
2. To what extent has the public supported this project?				✓		
<b>REQUIREMENT</b>						
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?		✓				
2. Is this project a requirement for either State or Federal funding?		✓				
<b>IMPACT ON THE OPERATING BUDGET</b>						
1. To what extent does this project reduce the cost of providing a Municipal service?			✓			
2. Does this project reduce personnel costs?			✓			



CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works			ACCT. CODE				PRIORITY 8			
PROJECT CATEGORY Storm Drainage			SERVICE AREA Anchorage Roads and Drainage S.A.							
TITLE Cope Street Drainage System	1978	19 79	19 80	19 81	1982	19 83	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
ESTIMATED COST		IN THOUSANDS								
LAND AND R.O.W. CONSTRUCTION		227.0					227.0		227.0	
PLANNING AND DESIGN EQUIPMENT										
INTERFUND CHARGES		40.0					40.0		40.0	
OTHER (In-House Engineering)		57.0					57.0		57.0	
TOTAL			324.0				324.0		324.0	
SOURCE OF FUNDS							REIMBURSABLES			
G.O. BONDS AUTHORIZED										
G.O. BONDS UNAUTHORIZED		324.0								
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
TOTAL			324.0							
OPERATING BUDGET IMPACT		19 78 PERSONNEL COSTS	19 78 OTHER COSTS	FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE		
PROJECT STATUS: Proposed			DESIGN FEES: \$57.0							
LOCATION: Cope St. area, 30th Ave. to 36th Ave. (W2-W6 System) sq. ft.			PERCENT OF BLDG. COSTS: 25%			ESTIMATED CONSTRUCTION PERIOD: 3 (mos.)				
GROSS FLOOR AREA: N/A			STARTING TIME: June, 1979			ASSESSMENTS: N/A				
BUILDING COST PER SQ. FT.: N/A										
ASSET LIFE: N/A										

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: <b>Public Works</b>	ACCT. CODE:	PROJECT TITLE: <b>Cope Street Drainage System</b>
PROJECT CATEGORY: <b>Storm Drainage</b>	SERVICE AREA: <b>Anchorage Roads and Drainage S.A.</b>	

  

	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>			✓		
1. How feasible is this project in terms of timing, costs and resource availability?			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?			✓		
<b>NEED</b>					
1. How urgent is the need for this project?				✓	
2. To what extent does this project alleviate present inadequacies?				✓	
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?				✓	
2. To what extent has the public supported this project?			✓		
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?	✓				
2. Is this project a requirement for either State or Federal funding?	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?			✓		
2. Does this project reduce personnel costs?			✓		

## CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT		ACCT. CODE					PRIORITY			
Public Works							9			
PROJECT CATEGORY		SERVICE AREA								
Storm Drainage		Anchorage Roads and Drainage S.A.								
TITLE	19 78	19 79	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
Sherwood Acres - Phase II										
ESTIMATED COST		IN THOUSANDS								
LAND AND R.O.W. CONSTRUCTION		203.0					203.0		203.0	
PLANNING AND DESIGN										
EQUIPMENT										
INTERFUND CHARGES		36.0					36.0		36.0	
OTHER (In-House Engineering)		51.0					51.0		51.0	
TOTAL			290.0				290.0		290.0	
SOURCE OF FUNDS		REIMBURSABLES								
G.O. BONDS AUTHORIZED										
G.O. BONDS UNAUTHORIZED		290.0								
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
TOTAL			290.0							
OPERATING BUDGET IMPACT		19 78 PERSONNEL COSTS	1978 OTHER COSTS	FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE		
PROJECT STATUS: Proposed				DESIGN FEES: \$51.0						
LOCATION: Minnesota Bypass extension, 70th Ave. to 76th Ave. sq. ft.				PERCENT OF BLDG. COSTS: 25%						
GROSS FLOOR AREA: N/A				ESTIMATED CONSTRUCTION PERIOD: 3 (mos.)						
BUILDING COST PER SQ. FT.: N/A				STARTING TIME: June, 1979						
ASSET LIFE: N/A				ASSESSMENTS: N/A						

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: <b>Public Works</b>		ACCT. CODF:		PROJECT TITLE: <b>Sherwood Acres- Phase II</b>
PROJECT CATEGORY: <b>Storm Drainage</b>		SERVICE AREA: <b>Anchorage Roads and Drainage S.A.</b>		
	-	0	✓	+
<b>FEASIBILITY</b>				
1. How feasible is this project in terms of timing, costs and resource availability?			✓	
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?			✓	
<b>NEED</b>				
1. How urgent is the need for this project?				✓
2. To what extent does this project alleviate present inadequacies?				✓
<b>SUPPORT</b>				
1. How does this project relate to specific plans adopted by the Municipality?			✓	
2. To what extent has the public supported this project?			✓	
<b>REQUIREMENT</b>				
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?	✓			
2. Is this project a requirement for either State or Federal funding?	✓			
<b>IMPACT ON THE OPERATING BUDGET</b>				
1. To what extent does this project reduce the cost of providing a Municipal service?		✓		
2. Does this project reduce personnel costs?		✓		

EXPLANATION

## CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT			ACCT. CODE				PRIORITY			
Public Works							10			
PROJECT CATEGORY			SERVICE AREA							
Storm Drainage			Anchorage Roads and Drainage S.A.							
TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
Bunnel Street Storm										
ESTIMATED COST			IN THOUSANDS							
LAND AND R.O.W. CONSTRUCTION			244.0				244.0		244.0	
PLANNING AND DESIGN EQUIPMENT			43.0				43.0		43.0	
INTERFUND CHARGES OTHER (In-House Engineering)			61.0				61.0		61.0	
TOTAL					348.0				348.0	
SOURCE OF FUNDS			REIMBURSABLES							
G.O. BONDS AUTHORIZED			348.0							
G.O. BONDS UNAUTHORIZED										
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
TOTAL					348.0					
OPERATING BUDGET IMPACT		1978 PERSONNEL COSTS		1978 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE
PROJECT STATUS: Proposed			DESIGN FEES: \$61.0							
LOCATION: Bunnel St., 4th Ave. east to Glen Highway			PERCENT OF BLDG. COSTS: 25%							
GROSS FLOOR AREA: N/A			ESTIMATED CONSTRUCTION PERIOD: 4 (mos.)							
BUILDING COST PER SQ. FT.: N/A			STARTING TIME: June, 1980							
ASSET LIFE: N/A			ASSESSMENTS: N/A							

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: <b>Public Works</b>		ACCT. CODE:		PROJECT TITLE: <b>Bunnel Street Storm</b>	
PROJECT CATEGORY: <b>Storm Drainage</b>		SERVICE AREA: <b>Anchorage Roads and Drainage S.A.</b>			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?			✓		
<b>NEED</b>					
1. How urgent is the need for this project?			✓		
2. To what extent does this project alleviate present inadequacies?			✓		
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?			✓		
2. To what extent has the public supported this project?			✓		
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?	✓				
2. Is this project a requirement for either State or Federal funding?	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?		✓			
2. Does this project reduce personnel costs?		✓			

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works			ACCT. CODE				PRIORITY 11		
PROJECT CATEGORY Storm Drainage			SERVICE AREA Anchorage Roads and Drainage S.A.						
TITLE Blackberry, 88th - Strawberry Storm	19 78	19 79	19 80	19 81	19 82	19 83	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
ESTIMATED COST			IN THOUSANDS						
LAND AND R.O.W. CONSTRUCTION			447.0				447.0		447.0
PLANNING AND DESIGN EQUIPMENT									
INTERFUND CHARGES			79.0				79.0		79.0
OTHER (In-House Engineering)			112.0				112.0		112.0
TOTAL			638.0				638.0		638.0
SOURCE OF FUNDS			REIMBURSABLES						
G.O. BONDS AUTHORIZED									
G.O. BONDS UNAUTHORIZED			638.0						
REVENUE BONDS									
FEDERAL									
STATE									
OPERATING REVENUES									
FUND BALANCE/RET EARNINGS									
OTHER									
TOTAL			638.0						
OPERATING BUDGET IMPACT		19 78 PERSONNEL COSTS	19 78 OTHER COSTS	FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE	
PROJECT STATUS: Proposed			DESIGN FEES: \$112.0						
LOCATION: Blackberry, 88th to Strawberry (J System, east branch) sq. ft.			PERCENT OF BLDG. COSTS: 25%						
GROSS FLOOR AREA: N/A			ESTIMATED CONSTRUCTION PERIOD: 3 (mos.)						
BUILDING COST PER SQ. FT.: N/A			STARTING TIME: June, 1980						
ASSET LIFE: N/A			ASSESSMENTS: N/A						

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: <b>Public Works</b>		ACCT. CODE:		PROJECT TITLE: <b>Blackberry 88th- Strawberry Storm</b>	
PROJECT CATEGORY: <b>Storm Drainage</b>		SERVICE AREA: <b>Anchorage Roads and Drainage S.A.</b>			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?					
			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?					
			✓		
<b>NEED</b>					
1. How urgent is the need for this project?					
				✓	
2. To what extent does this project alleviate present inadequacies?					
			✓		
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?					
				✓	
2. To what extent has the public supported this project?					
			✓		
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?					
2. Is this project a requirement for either State or Federal funding?					
	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?					
		✓			
2. Does this project reduce personnel costs?					
		✓			



CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE			PRIORITY 12				
PROJECT CATEGORY Storm Drainage				SERVICE AREA Anchorage Roads and Drainage S.A.							
TITLE Patterson Street Storm	19 78	19 79	19 80	19 81	19 82	19 83	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST		
ESTIMATED COST			IN THOUSANDS								
LAND AND R.O.W.			325.0				325.0		325.0		
CONSTRUCTION			81.0				81.0		81.0		
PLANNING AND DESIGN			58.0				58.0		58.0		
EQUIPMENT											
INTERFUND CHARGES											
OTHER											
TOTAL			464.0				464.0		464.0		
SOURCE OF FUNDS							REIMBURSABLES				
G.O. BONDS AUTHORIZED											
G.O. BONDS UNAUTHORIZED			464.0								
REVENUE BONDS											
FEDERAL											
STATE											
OPERATING REVENUES											
FUND BALANCE/RET EARNINGS											
OTHER											
TOTAL			464.0								
OPERATING BUDGET IMPACT		19 78 PERSONNEL COSTS		19 78 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE	
PROJECT STATUS: Proposed				DESIGN FEES: \$81.0							
LOCATION: Patterson St., Debarr Rd. to Old Harbor, east on				PERCENT OF BLDG. COSTS: 25%							
GROSS FLOOR AREA: N/A 11th & Old Harbor sq. ft.				ESTIMATED CONSTRUCTION PERIOD: 4 (mos.)							
BUILDING COST PER SQ. FT.: N/A (A-5 Phase II, A-6, A-7				STARTING TIME: June, 1980							
ASSET LIFE: N/A Muldoon)				ASSESSMENTS: N/A							

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: <b>Public Works</b>		ACCT. CODE:		PROJECT TITLE: <b>Patterson Street Storm</b>	
PROJECT CATEGORY: <b>Storm Drainage</b>		SERVICE AREA: <b>Anchorage Roads and Drainage S.A.</b>			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?					
			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?					
			✓		
<b>NEED</b>					
1. How urgent is the need for this project?					
			✓		
2. To what extent does this project alleviate present inadequacies?					
			✓		
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?					
				✓	
2. To what extent has the public supported this project?					
			✓		
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?					
2. Is this project a requirement for either State or Federal funding?					
	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?					
		✓			
2. Does this project reduce personnel costs?					
		✓			

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works			ACCT. CODE				PRIORITY 13				
PROJECT CATEGORY Storm Drainage			SERVICE AREA Anchorage Roads and Drainage S.A.								
TITLE Lincoln Park Storm	19 78	19 79	1980	1981	19 82	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST		
ESTIMATED COST			IN THOUSANDS								
LAND AND R.O.W. CONSTRUCTION			162.0				162.0		162.0		
PLANNING AND DESIGN											
EQUIPMENT											
INTERFUND CHARGES			29.5				29.5		29.5		
OTHER (In-House Engineering)			40.5				40.5		40.5		
TOTAL			232.0				232.0		232.0		
SOURCE OF FUNDS			REIMBURSABLES								
G.O. BONDS AUTHORIZED											
G.O. BONDS UNAUTHORIZED			232.0								
REVENUE BONDS											
FEDERAL											
STATE											
OPERATING REVENUES											
FUND BALANCE/RET EARNINGS											
OTHER											
TOTAL			232.0								
OPERATING BUDGET IMPACT		19 78 PERSONNEL COSTS	19 78 OTHER COSTS	FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE			
PROJECT STATUS: Proposed			DESIGN FEES: \$40.5			PERCENT OF BLDG. COSTS: 25%			ESTIMATED CONSTRUCTION PERIOD: 3 (mos.)		
LOCATION: Lois Dr., Fish Ck. to Cleveland and east on Cleveland and Mckinley sq. ft.			STARTING TIME: July, 1980			ASSESSMENTS: N/A					
GROSS FLOOR AREA: N/A (N-3, N-5, N-6 Spenard)			ASSET LIFE: N/A								

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: <u>Public Works</u>	ACCT. CODE: _____	PROJECT TITLE: <u>Lincoln Park Storm</u>
PROJECT CATEGORY: <u>Storm Drainage</u>	SERVICE AREA: <u>Anchorage Roads and Drainage S.A.</u>	

  

	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?			✓		
<b>NEED</b>					
1. How urgent is the need for this project?			✓		
2. To what extent does this project alleviate present inadequacies?			✓		
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?				✓	
2. To what extent has the public supported this project?			✓		
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?	✓				
2. Is this project a requirement for either State or Federal funding?	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?		✓			
2. Does this project reduce personnel costs?		✓			

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT CODE			PRIORITY 14				
PROJECT CATEGORY Storm Drainage				SERVICE AREA Anchorage Roads and Drainage S.A.							
TITLE Turpin Street Storm		19 78	19 79	1980	1981	1982	19 83	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
ESTIMATED COST		IN THOUSANDS									
LAND AND R.O.W.					174.0			174.0		174.0	
CONSTRUCTION											
PLANNING AND DESIGN					31.0			31.0		31.0	
EQUIPMENT					43.0			43.0		43.0	
INTERFUND CHARGES											
OTHER (In-House Engineering)											
TOTAL					248.0			248.0		248.0	
SOURCE OF FUNDS								REIMBURSABLES			
G.O. BONDS AUTHORIZED											
G.O. BONDS UNAUTHORIZED					248.0						
REVENUE BONDS											
FEDERAL											
STATE											
OPERATING REVENUES											
FUND BALANCE/RET EARNINGS											
OTHER											
TOTAL					248.0						
OPERATING BUDGET IMPACT		19 78 PERSONNEL COSTS		19 78 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE	
PROJECT STATUS: Proposed		DESIGN FEES: \$43.0		PERCENT OF BLDG. COSTS: 25%		ESTIMATED CONSTRUCTION PERIOD: 3 (mos.)		STARTING TIME: July, 1981		ASSESSMENTS: N/A	
LOCATION: Turpin, Debarr Rd. to 8th Ave. (B-1, B-2 Muldoon)		GROSS FLOOR AREA: N/A sq. ft.		BUILDING COST PER SQ. FT.: N/A		ASSET LIFE: N/A					

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: Turpin Street Storm	
PROJECT CATEGORY: Storm Drainage		SERVICE AREA: Anchorage Roads and Drainage S.A.			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?					
			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?					
			✓		
<b>NEED</b>					
1. How urgent is the need for this project?					
			✓		
2. To what extent does this project alleviate present inadequacies?					
			✓		
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?					
				✓	
2. To what extent has the public supported this project?					
			✓		
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?					
✓					
2. Is this project a requirement for either State or Federal funding?					
✓					
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?					
		✓			
2. Does this project reduce personnel costs?					
		✓			

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT CODE			PRIORITY 15		
PROJECT CATEGORY Storm Drainage				SERVICE AREA Anchorage Roads and Drainage S.A.					
TITLE Nevilla Park Storm	19 78	19 79	19 80	19 81	19 82	19 83	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
ESTIMATED COST									
IN THOUSANDS									
LAND AND R.O.W. CONSTRUCTION				260.0			260.0		260.0
PLANNING AND DESIGN				47.0			47.0		47.0
EQUIPMENT				65.0			65.0		65.0
INTERFUND CHARGES									
OTHER (In-House Engineering)									
TOTAL									
				372.0			372.0		372.0
SOURCE OF FUNDS									
							REIMBURSABLES		
G.O. BONDS AUTHORIZED				372.0					
G.O. BONDS UNAUTHORIZED									
REVENUE BONDS									
FEDERAL									
STATE									
OPERATING REVENUES									
FUND BALANCE/RET EARNINGS									
OTHER									
TOTAL									
				372.0					
OPERATING BUDGET IMPACT									
		19 78 PERSONNEL COSTS	1978 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE
PROJECT STATUS: Proposed					DESIGN FEES: \$65.0				
LOCATION: Area bounded by Muldoon Rd., 6th Ave, Peck Ave.					PERCENT OF BLDG. COSTS: 25%				
GROSS FLOOR AREA: N/A and military bound- sq. ft.					ESTIMATED CONSTRUCTION PERIOD: 4 (mos.)				
BUILDING COST PER SQ. FT.: N/A ary					STARTING TIME: June, 1981				
ASSET LIFE: N/A					ASSESSMENTS: N/A				

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: <b>Public Works</b>		ACCT. CODE:		PROJECT TITLE: <b>Nevilla Park Storm</b>	
PROJECT CATEGORY: <b>Storm Drainage</b>		SERVICE AREA: <b>Anchorage Roads and Drainage S.A.</b>			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?					
			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?					
			✓		
<b>NEED</b>					
1. How urgent is the need for this project?					
			✓		
2. To what extent does this project alleviate present inadequacies?					
			✓		
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?					
				✓	
2. To what extent has the public supported this project?					
			✓		
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?					
	✓				
2. Is this project a requirement for either State or Federal funding?					
	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?					
		✓			
2. Does this project reduce personnel costs?					
		✓			



CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE			PRIORITY 16			
PROJECT CATEGORY Storm Drainage				SERVICE AREA Anchorage Roads and Drainage S.A.						
TITLE Roosevelt Park Storm	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
ESTIMATED COST			IN THOUSANDS							
LAND AND R.O.W. CONSTRUCTION PLANNING AND DESIGN EQUIPMENT INTERFUND CHARGES OTHER (In-House Engineering)				182.0			182.0		182.0	
				32.5			32.5		32.5	
				45.5			45.5		45.5	
TOTAL							260.0		260.0	
SOURCE OF FUNDS							REIMBURSABLES			
G.O. BONDS AUTHORIZED										
G.O. BONDS UNAUTHORIZED				260.0						
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
TOTAL							260.0			
OPERATING BUDGET IMPACT		1978 PERSONNEL COSTS		1978 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE
PROJECT STATUS: Proposed				DESIGN FEES: \$45.5						
LOCATION: System from Fish Ck. & Northwood to Alaska R.R. & Lincoln (K-1 thrusq. ft. K-5 Spenard)				PERCENT OF BLDG. COSTS: 25%						
GROSS FLOOR AREA: N/A				ESTIMATED CONSTRUCTION PERIOD: 3 (mos.)						
BUILDING COST PER SQ. FT.: N/A				STARTING TIME: July, 1981						
ASSET LIFE: N/A				ASSESSMENTS: N/A						

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: <b>Public Works</b>		ACCT. CODE:		PROJECT TITLE: <b>Roosevelt Park Storm</b>
PROJECT CATEGORY: <b>Storm Drainage</b>		SERVICE AREA: <b>Anchorage Roads and Drainage S.A.</b>		
	-	0	✓	+
<b>FEASIBILITY</b>				
1. How feasible is this project in terms of timing, costs and resource availability?			✓	
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?			✓	
<b>NEED</b>				
1. How urgent is the need for this project?			✓	
2. To what extent does this project alleviate present inadequacies?			✓	
<b>SUPPORT</b>				
1. How does this project relate to specific plans adopted by the Municipality?				✓
2. To what extent has the public supported this project?			✓	
<b>REQUIREMENT</b>				
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?	✓			
2. Is this project a requirement for either State or Federal funding?	✓			
<b>IMPACT ON THE OPERATING BUDGET</b>				
1. To what extent does this project reduce the cost of providing a Municipal service?		✓		
2. Does this project reduce personnel costs?		✓		

EXPLANATION

## CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT		ACCT. CODE					PRIORITY			
Public Works							17			
PROJECT CATEGORY		SERVICE AREA								
Storm Drainage		Anchorage Roads and Drainage S.A.								
TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
Dimond - Birch Phase II										
ESTIMATED COST		IN THOUSANDS								
LAND AND R.O.W. CONSTRUCTION				147.0			147.0		147.0	
PLANNING AND DESIGN										
EQUIPMENT										
INTERFUND CHARGES				26.0			26.0		26.0	
OTHER (In-House Engineering)				37.0			37.0		37.0	
TOTAL					210.0			210.0	210.0	
SOURCE OF FUNDS									REIMBURSABLES	
G.O. BONDS AUTHORIZED										
G.O. BONDS UNAUTHORIZED				210.0						
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
TOTAL					210.0					
OPERATING BUDGET IMPACT		1978 PERSONNEL COSTS	1978 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE	
PROJECT STATUS:		Proposed			DESIGN FEES:		\$37.0			
LOCATION:		Birch Lake Drainage - Arlene St. to Northwood St.			PERCENT OF BLDG. COSTS:		25%			
GROSS FLOOR AREA:		N/A sq. ft.			ESTIMATED CONSTRUCTION PERIOD:		3 (mos.)			
BUILDING COST PER SQ. FT.:		N/A			STARTING TIME:		June, 1981			
ASSET LIFE:		N/A			ASSESSMENTS:		N/A			

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: Dimond-Birch Phase II	
PROJECT CATEGORY: Storm Drainage		SERVICE AREA: Anchorage Roads and Drainage S.A.			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?			✓		
<b>NEED</b>					
1. How urgent is the need for this project?			✓		
2. To what extent does this project alleviate present inadequacies?		✓			
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?			✓		
2. To what extent has the public supported this project?		✓			
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?	✓				
2. Is this project a requirement for either State or Federal funding?	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?		✓			
2. Does this project reduce personnel costs?		✓			

## CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT				ACCT. CODE			PRIORITY			
Public Works							18			
PROJECT CATEGORY				SERVICE AREA						
Storm Drainage				Anchorage Roads and Drainage S.A.						
TITLE	19 78	19 79	1980	1981	19 82	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
Northwood Storm System Extension										
ESTIMATED COST										
IN THOUSANDS										
LAND AND R.O.W.				231.0			231.0		231.0	
CONSTRUCTION				58.0			58.0		58.0	
PLANNING AND DESIGN										
EQUIPMENT										
INTERFUND CHARGES				41.0			41.0		41.0	
OTHER										
TOTAL							330.0		330.0	
SOURCE OF FUNDS							REIMBURSABLES			
G.O. BONDS AUTHORIZED										
G.O. BONDS UNAUTHORIZED				330.0						
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
TOTAL							330.0			
OPERATING BUDGET IMPACT		19 78 PERSONNEL COSTS		19 78 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE
PROJECT STATUS: Proposed				DESIGN FEES: \$58.0						
LOCATION: Drainage from Windemere Sub. west to Northwood				PERCENT OF BLDG. COSTS: 25%						
GROSS FLOOR AREA: N/A and 48th Ave. (L-3 & sq. ft.				ESTIMATED CONSTRUCTION PERIOD: 4 (mos.)						
BUILDING COST PER SQ. FT.: N/A L-4 Spenard)				STARTING TIME: June, 1981						
ASSET LIFE: N/A				ASSESSMENTS: N/A						

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works	ACCT. CODE:	PROJECT TITLE: Northwood Storm System Extension
PROJECT CATEGORY: Storm Drainage	SERVICE AREA: Anchorage Roads and Drainage S.A.	

	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?		✓			
<b>NEED</b>					
1. How urgent is the need for this project?			✓		
2. To what extent does this project alleviate present inadequacies?			✓		
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?			✓		
2. To what extent has the public supported this project?			✓		
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?	✓				
2. Is this project a requirement for either State or Federal funding?	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?		✓			
2. Does this project reduce personnel costs?			✓		

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE			PRIORITY 19			
PROJECT CATEGORY Storm Drainage				SERVICE AREA Anchorage Roads and Drainage S.A.						
TITLE Industrial Park - International Airport - 36th Storm	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
ESTIMATED COST							IN THOUSANDS			
LAND AND R.O.W.					878.0		878.0		878.0	
CONSTRUCTION					219.0		219.0		219.0	
PLANNING AND DESIGN					157.0		157.0		157.0	
EQUIPMENT										
INTERFUND CHARGES										
OTHER										
TOTAL					1,254.0		1,254.0		1,254.0	
SOURCE OF FUNDS							REIMBURSABLES			
G.O. BONDS AUTHORIZED					1,254.0					
G.O. BONDS UNAUTHORIZED										
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
TOTAL					1,254.0					
OPERATING BUDGET IMPACT		1978 PERSONNEL COSTS		1978 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE
PROJECT STATUS: Proposed				DESIGN FEES: \$219.0						
LOCATION: Drainage from 36th near Springer south to Arctic				PERCENT OF BLDG. COSTS: 25%						
GROSS FLOOR AREA: N/A & Int'l. Airport Rd. sq. ft.				ESTIMATED CONSTRUCTION PERIOD: 6 (mos.)						
BUILDING COST PER SQ. FT.: N/A (Y-3 thru Y-9 Spenard)				STARTING TIME: June, 1982						
ASSET LIFE: N/A				ASSESSMENTS: N/A						

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: <b>Public Works</b>	ACCT. CODE:	PROJECT TITLE: <b>Industrial Park- International Airport-36th</b>
PROJECT CATEGORY: <b>Storm Drainage</b>	SERVICE AREA: <b>Anchorage Roads and Drainage S.A.</b>	

  

	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?			✓		
<b>NEED</b>					
1. How urgent is the need for this project?		✓			
2. To what extent does this project alleviate present inadequacies?			✓		
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?			✓		
2. To what extent has the public supported this project?		✓			
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?	✓				
2. Is this project a requirement for either State or Federal funding?	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?		✓			
2. Does this project reduce personnel costs?		✓			



## CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE			PRIORITY 20		
PROJECT CATEGORY Storm Drianage				SERVICE AREA Anchorage Roads and Drainage S.A.					
TITLE	19 78	19 79	19 80	19 81	19 82	19 83	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
South Glenn Highway - Oklahoma to Boniface Storm-Phase I									
<b>ESTIMATED COST</b>	<b>IN THOUSANDS</b>								
LAND AND R.O.W.					462.0		462.0		462.0
CONSTRUCTION									
PLANNING AND DESIGN					82.5		82.5		82.5
EQUIPMENT					115.5		115.5		115.5
INTERFUND CHARGES									
OTHER (In-House Engineering)									
<b>TOTAL</b>					660.0		660.0		660.0
<b>SOURCE OF FUNDS</b>							<b>REIMBURSABLES</b>		
G.O. BONDS AUTHORIZED					660.0				
G.O. BONDS UNAUTHORIZED									
REVENUE BONDS									
FEDERAL									
STATE									
OPERATING REVENUES									
FUND BALANCE/RET EARNINGS									
OTHER									
<b>TOTAL</b>					660.0				
<b>OPERATING BUDGET IMPACT</b>	<b>19 78 PERSONNEL COSTS</b>		<b>19 78 OTHER COSTS</b>		<b>FUTURE ANNUAL PERSONNEL COSTS</b>		<b>FUTURE ANNUAL OTHER COSTS</b>		<b>ANNUAL REVENUE</b>
<b>PROJECT STATUS:</b> Proposed					<b>DESIGN FEES:</b> \$115.5				
<b>LOCATION:</b> System from Boniface Pky. & 4th Ave. east toward Glenn Hwy. & sq. ft.					<b>PERCENT OF BLDG. COSTS:</b> 25%				
<b>GROSS FLOOR AREA:</b> N/A					<b>ESTIMATED CONSTRUCTION PERIOD:</b> 3 (mos.)				
<b>BUILDING COST PER SQ. FT.:</b> N/A Oklahoma (0-1 thru 0-3					<b>STARTING TIME:</b> June, 1982				
<b>ASSET LIFE:</b> N/A Muldoon)					<b>ASSESSMENTS:</b> N/A				

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: <b>Public Works</b>		ACCT. CODE:		PROJECT TITLE: <b>South Glenn Highway-Oklahoma to Boniface Storm</b>	
PROJECT CATEGORY: <b>Storm Drainage</b>		SERVICE AREA: <b>Phase I Anchorage Roads and Drainage S.A.</b>			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?					
			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?					
			✓		
<b>NEED</b>					
1. How urgent is the need for this project?					
		✓			
2. To what extent does this project alleviate present inadequacies?					
		✓			
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?					
			✓		
2. To what extent has the public supported this project?					
		✓			
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?					
✓					
2. Is this project a requirement for either State or Federal funding?					
✓					
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?					
		✓			
2. Does this project reduce personnel costs?					
		✓			

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE			PRIORITY 21		
PROJECT CATEGORY Storm Drainage				SERVICE AREA Anchorage Roads and Drainage S.A.					
TITLE Creekside School - 6th Ave. - Old Harbor Storm	19 78	19 79	19 80	19 81	19 82	19 83	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
ESTIMATED COST							IN THOUSANDS		
LAND AND R.O.W. CONSTRUCTION						480.0	480.0		480.0
PLANNING AND DESIGN									
EQUIPMENT									
INTERFUND CHARGES						86.0	86.0		86.0
OTHER (In-House Engineering)						120.0	120.0		120.0
<b>TOTAL</b>						686.0	686.0		686.0
SOURCE OF FUNDS							REIMBURSABLES		
G.O. BONDS AUTHORIZED									
G.O. BONDS UNAUTHORIZED						686.0			
REVENUE BONDS									
FEDERAL									
STATE									
OPERATING REVENUES									
FUND BALANCE/RET EARNINGS									
OTHER									
<b>TOTAL</b>						686.0			
OPERATING BUDGET IMPACT		19 78 PERSONNEL COSTS	19 78 OTHER COSTS	FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE	
PROJECT STATUS: Proposed				DESIGN FEES: \$120.0					
LOCATION: System from Patterson & Old Harbor to 4th & Idaho				PERCENT OF BLDG. COSTS: 25%					
GROSS FLOOR AREA: N/A (C-1 thru C-7 Muldoon) sq. ft.				ESTIMATED CONSTRUCTION PERIOD: 4 (mos.)					
BUILDING COST PER SQ. FT.: N/A				STARTING TIME: June, 1983					
ASSET LIFE: N/A				ASSESSMENTS: N/A					

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: <u>Public Works</u>		ACCT. CODE:		PROJECT TITLE: <u>Creekside School-6th Avenue-Old Harbor Storm</u>	
PROJECT CATEGORY: <u>Storm Drainage</u>		SERVICE AREA: <u>Anchorage Roads and Drainage S.A.</u>			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?			✓		
<b>NEED</b>					
1. How urgent is the need for this project?		✓			
2. To what extent does this project alleviate present inadequacies?		✓			
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?			✓		
2. To what extent has the public supported this project?		✓			
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?	✓				
2. Is this project a requirement for either State or Federal funding?	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?		✓			
2. Does this project reduce personnel costs?		✓			

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE			PRIORITY 22		
PROJECT CATEGORY Storm Drainage				SERVICE AREA Anchorage Roads and Drainage S.A.					
TITLE South Glenn Hwy. - Oklahoma to Boniface Storm - Phase II									
	19 78	19 79	19 80	19 81	19 82	19 83	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
ESTIMATED COST							IN THOUSANDS		
LAND AND R.O.W.						490.0	490.0		490.0
CONSTRUCTION						122.5	122.5		122.5
PLANNING AND DESIGN						87.5	87.5		87.5
EQUIPMENT									
INTERFUND CHARGES									
OTHER									
<b>TOTAL</b>							700.0	700.0	700.0
SOURCE OF FUNDS							REIMBURSABLES		
G.O. BONDS AUTHORIZED						700.0			
G.O. BONDS UNAUTHORIZED									
REVENUE BONDS									
FEDERAL									
STATE									
OPERATING REVENUES									
FUND BALANCE/RET EARNINGS									
OTHER									
<b>TOTAL</b>							700.0		
OPERATING BUDGET IMPACT		19 78 PERSONNEL COSTS	19 78 OTHER COSTS	FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE	
PROJECT STATUS: Proposed				DESIGN FEES: \$122.5					
LOCATION: System from Boniface Pky. & 4th east toward Glen				PERCENT OF BLDG. COSTS: 25%					
GROSS FLOOR AREA: N/A Hwy. & Oklahoma (0-4, sq. ft.				ESTIMATED CONSTRUCTION PERIOD: 4 (mos.)					
BUILDING COST PER SQ. FT.: N/A 0-5 Muldoon)				STARTING TIME: June, 1983					
ASSET LIFE: N/A				ASSESSMENTS: N/A					

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: <b>Public Works</b>		ACCT. CODE:		PROJECT TITLE: <b>South Glenn Highway-Oklahoma to Boniface Storm</b>	
PROJECT CATEGORY: <b>Storm Drainage</b>		SERVICE AREA: <b>Anchorage Roads and Drainage S.A.</b>		Phase II	
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?					
			✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?					
			✓		
<b>NEED</b>					
1. How urgent is the need for this project?					
		✓			
2. To what extent does this project alleviate present inadequacies?					
		✓			
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?					
			✓		
2. To what extent has the public supported this project?					
		✓			
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?					
✓					
2. Is this project a requirement for either State or Federal funding?					
✓					
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?					
		✓			
2. Does this project reduce personnel costs?					
		✓			

CIP-1

## DEPARTMENT CAPITAL NEEDS ANALYSIS

DEPARTMENT

Public Work

PROGRAM CATEGORY

Street Maintenance

## POLICY GOALS

Comprehensive Plan: To move efficiently provide street maintenance to the Anchorage Roads and Drainage S.A.

Objective: Upgrade existing maintenance facilities to comply with zoning regulations and construct new facilities where needed. Provide better materials storage to minimize loss and contamination and provide more efficient distribution.

## SIX-YEAR DEPARTMENT GOALS AND STRATEGY

During the next six years the street maintenance section will construct several improvements to existing maintenance facilities. These include lighting and fencing to protect materials and equipment, gravel storage cribs to reduce loss and contamination.

## PRIORITY CRITERIA

1. Need
2. Dollar Savings
3. Feasibility

CIP-2

DEPARTMENT CAPITAL NEEDS ANALYSIS

DEPARTMENT Public Works
PROGRAM CATEGORY Street Maintenance

EXISTING CAPITAL IMPROVEMENT BUDGET

PROJECT TITLE	CURRENT STATUS	EXPLANATION
South Bowl Maintenance Center	Under Construction	A Federal grant was obtained for partial funding and project is under construction.
4th & Post Rehabilitation	Scheduled for 1980.	



CAPITAL IMPROVEMENT PROJECT SUMMARY

DEPARTMENT Public Works		ACCT. CODE							
PROJECT CATEGORY Street Maintenance		SERVICE AREA Anchorage Roads and Drainage S.A.							
PROJECT TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
	IN THOUSANDS								
Effluent Storage Tank	21.0						21.0		21.0
Int'l Rd. Maintenance Facility	64.0						64.0		64.0
Improvements Travel Storage Cribs	61.4						61.4		61.4
<b>TOTAL</b>	146.4						146.4		146.4
<b>SOURCE OF FUNDS</b>							<b>REIMBURSABLES</b>		
G. O. BONDS AUTHORIZED									
G. O. BONDS UNAUTHORIZED	146.4								
REVENUE BONDS									
FEDERAL									
STATE									
OPERATING REVENUES									
FUND BALANCE/RET EARNINGS									
OTHER									
<b>TOTAL</b>	146.4								

## CAPITAL IMPROVEMENT PROJECT SUMMARY

DEPARTMENT: Public Works	ACCT. CODE:
PROJECT CATEGORY: Street Maintenance	SERVICE AREA: Anchorage Roads and Drainage S.A.

Emulsion Storage Tank

The emulsion storage tank will be used to store emulsion for control of dust. Emulsion is used on all unpaved roads in the Municipality.

International Road Maintenance Facility - Improvements

These improvements will include fencing, yard floodlighting, yard paving and heater hook-ups for the new garage facility being built at International and Northwood Roads.

Gravel Storage Cribs

The cribs will be used to store processed gravel used on many streets.

CIP-4

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE			PRIORITY 1				
PROJECT CATEGORY Street Maintenance				SERVICE AREA Anchorage Roads and Drainage S.A.							
TITLE Emulsion Storage Tank		19 78	19 79	1980	1981	19 82	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
ESTIMATED COST		IN THOUSANDS									
LAND AND R.O.W.											
CONSTRUCTION		21.0						21.0		21.0	
PLANNING AND DESIGN											
EQUIPMENT											
INTERFUND CHARGES											
OTHER											
TOTAL		21.0						21.0		21.0	
SOURCE OF FUNDS								REIMBURSABLES			
G.O. BONDS AUTHORIZED											
G.O. BONDS UNAUTHORIZED		21.0									
REVENUE BONDS											
FEDERAL											
STATE											
OPERATING REVENUES											
FUND BALANCE/RET EARNINGS											
OTHER											
TOTAL		21.0									
OPERATING BUDGET IMPACT		19 78 PERSONNEL COSTS		19 78 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE	
PROJECT STATUS: Planned				DESIGN FEES: N/A							
LOCATION: 4th & Post				PERCENT OF BLDG. COSTS: N/A							
GROSS FLOOR AREA: N/A				ESTIMATED CONSTRUCTION PERIOD: 1				(mos.)			
BUILDING COST PER SQ. FT.: N/A				STARTING TIME: April '78							
ASSET LIFE: 15 yrs.				ASSESSMENTS: N/A							

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: Emulsion Storage Tank	
PROJECT CATEGORY: Street Maintenance		SERVICE AREA: Anchorage Roads and Drainage S.A.			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?			✓		Can be installed before increase in steel costs, and related price increases for supporting installation.
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?		✓			
<b>NEED</b>					
1. How urgent is the need for this project?					Will eliminate necessity of two separate operations. Increases productivity.
2. To what extent does this project alleviate present inadequacies?				✓	
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?				✓	Combines two different methods, reduces need for equipment cleaning function.
2. To what extent has the public supported this project?				✓	Maintenance Division has adopted Emulsion as control for dust and has State permit for same. Public objects to use of slop oil or petroleum distillate due to mess and tracking.
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?	✓				No
2. Is this project a requirement for either State or Federal funding?	✓				No
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?				✓	Reduces travel time caused by need to load each truck at vendor plant.
2. Does this project reduce personnel costs?		✓			No

CIP-4

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT			ACCT. CODE				PRIORITY			
Public Works							2			
PROJECT CATEGORY			SERVICE AREA							
Street Maintenance			Anchorage Roads and Drainage S.A.							
TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
International Rd. Maintenance Facility Improvements										
ESTIMATED COST IN THOUSANDS										
LAND AND R.O.W.										
CONSTRUCTION	64.0						64.0		64.0	
PLANNING AND DESIGN										
EQUIPMENT										
INTERFUND CHARGES										
OTHER										
<b>TOTAL</b>	64.0						64.0		64.0	
SOURCE OF FUNDS							REIMBURSABLES			
G.O. BONDS AUTHORIZED										
G.O. BONDS UNAUTHORIZED	64.0									
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
<b>TOTAL</b>	64.0									
OPERATING BUDGET IMPACT		1978 PERSONNEL COSTS	1978 OTHER COSTS	FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE		
PROJECT STATUS: Planned				DESIGN FEES: N/A						
LOCATION: Northwood & International Road				PERCENT OF BLDG. COSTS: N/A						
GROSS FLOOR AREA: N/A				ESTIMATED CONSTRUCTION PERIOD: 6 (mos.)						
BUILDING COST PER SQ. FT.: N/A				STARTING TIME: Early 1978						
ASSET LIFE: 10 years				ASSESSMENTS: N/A						

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works				ACCT. CODE: 496-7013-7601	PROJECT TITLE: Int'L Rd. Facility Improv.			
PROJECT CATEGORY: Street Maintenance				SERVICE AREA: Anchorage Roads and Drainage Improvement S.A.				
				-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>								<p><u>Feasibility:</u> Does not impact other departments as to cost for supporting services. The fencing was required by Zoning Regulations upon approval of site usage for building the satellite station at International &amp; Northwood Streets.</p>
1. How feasible is this project in terms of timing, costs and resource availability?							✓	
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?								✓
<b>NEED</b>								<p><u>Need:</u> The fence &amp; floodlighting reduce theft and vandalism and control unnecessary public access. Paving will reduce yard maintenance expenses. Heater hookups will protect vehicles from winter damage.</p>
1. How urgent is the need for this project?								
2. To what extent does this project alleviate present inadequacies?								✓
<b>SUPPORT</b>								
1. How does this project relate to specific plans adopted by the Municipality?								
2. To what extent has the public supported this project?								✓
<b>REQUIREMENT</b>								<p><u>Requirements:</u> Zoning Regulations require fencing of our new International Street maintenance facility.</p>
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?								
2. Is this project a requirement for either State or Federal funding?				✓				
<b>IMPACT ON THE OPERATING BUDGET</b>								<p><u>Operating Budget:</u> This project will allow the maintenance section to hold down material costs and prolong equipment life.</p>
1. To what extent does this project reduce the cost of providing a Municipal service?								
2. Does this project reduce personnel costs?								✓

## CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works		ACCT. CODE					PRIORITY 3			
PROJECT CATEGORY Street Maintenance		SERVICE AREA Anchorage Roads and Drainage S.A.								
TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
Gravel Storage Cribs										
ESTIMATED COST		IN THOUSANDS								
LAND AND R.O.W.	60.0						60.0		60.0	
CONSTRUCTION	1.4						1.4		1.4	
PLANNING AND DESIGN										
EQUIPMENT										
INTERFUND CHARGES										
OTHER										
TOTAL	61.4						61.4		61.4	
SOURCE OF FUNDS		REIMBURSABLES								
G.O. BONDS AUTHORIZED	61.4									
G.O. BONDS UNAUTHORIZED										
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
TOTAL	61.4									
OPERATING BUDGET IMPACT		1978 PERSONNEL COSTS	1978 OTHER COSTS	FUTURE ANNUAL PERSONNEL COSTS	FUTURE ANNUAL OTHER COSTS	ANNUAL REVENUE				
PROJECT STATUS: Planned		DESIGN FEES: 1.4								
LOCATION: Int'L Road Facility		PERCENT OF BLDG. COSTS: 2%								
GROSS FLOOR AREA: N/A		ESTIMATED CONSTRUCTION PERIOD: 4			(mos.)					
BUILDING COST PER SQ. FT.: N/A		STARTING TIME: July '78								
ASSET LIFE: 10 years		ASSESSMENTS: N/A								

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: Gravel Storage Cribs	
PROJECT CATEGORY: Street Maintenance		SERVICE AREA: Anchorage Roads and Drainage S.A.			
	-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>					
1. How feasible is this project in terms of timing, costs and resource availability?				✓	This project requires some input from the engineering design section for construction plans.
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?				✓	
<b>NEED</b>					
1. How urgent is the need for this project?			✓		The storage cribs will reduce material loss from 8% to 2% and reduce contamination of materials.
2. To what extent does this project alleviate present inadequacies?			✓		
<b>SUPPORT</b>					
1. How does this project relate to specific plans adopted by the Municipality?		✓			
2. To what extent has the public supported this project?		✓			
<b>REQUIREMENT</b>					
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?				✓	Zoning Regulations require this facility.
2. Is this project a requirement for either State or Federal funding?	✓				
<b>IMPACT ON THE OPERATING BUDGET</b>					
1. To what extent does this project reduce the cost of providing a Municipal service?		✓			Has a small impact on the engineering design section of Public Works. Will also allow the maintenance section to hold down material costs.
2. Does this project reduce personnel costs?		✓			



CIP-1

**DEPARTMENT CAPITAL NEEDS ANALYSIS**

DEPARTMENT	Public Works
PROGRAM CATEGORY	General

**POLICY GOALS**

The purpose of this section is to perform projects that are not included in the Street Improvements or Storm Drainage Sections.

**SIX-YEAR DEPARTMENT GOALS AND STRATEGY**

**PRIORITY CRITERIA**

1. Need
2. Feasibility
3. Support

CIP-2  
DEPARTMENT CAPITAL NEEDS ANALYSIS

DEPARTMENT Public Works
PROGRAM CATEGORY General

EXISTING CAPITAL IMPROVEMENT BUDGET

PROJECT TITLE	CURRENT STATUS	EXPLANATION
Campbell Creek Bridges (77-2)	Consultant to be selected	Consultant to begin design during 1977. Project may be eligible for a Federal Grant
Vertical Control (77-3) (C9S604)	Work in progress	
Monumentation (77-4) (C9S603)	Work in progress	
Eagle River - Chugiak LSR&T Improvements (77-5)	Project to be determined	
Service Area 30, Outside Road Service Areas-LSR&T Improvements (77-6) (B5L 704)	Project to be determined	

CAPITAL IMPROVEMENT PROJECT SUMMARY

DEPARTMENT		ACCT. CODE							
Public Works									
PROJECT CATEGORY		SERVICE AREA							
General		Anchorage Roads and Drainage S.A.							
PROJECT TITLE	19 78	1979	19 80	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
	IN THOUSANDS								
State Highway Project Reimbursement	100.0	216.0	232.0	248.0	264.0	280.0	1,340.0		1,340.0
Hillside/Girdwood LSR & T	100.0	100.0	100.0	100.0	100.0	100.0	600.0		600.0
Eagle River/Chugiak LSR & T	60.0	60.0	60.0	60.0	60.0	60.0	360.0		360.0
<b>TOTAL</b>	<b>260.0</b>	<b>376.0</b>	<b>392.0</b>	<b>408.0</b>	<b>424.0</b>	<b>440.0</b>	<b>2,300.0</b>		<b>2,300.0</b>
<b>SOURCE OF FUNDS</b>							<b>REIMBURSABLES</b>		
G. O. BONDS AUTHORIZED							960.0		
G. O. BONDS UNAUTHORIZED									
REVENUE BONDS									
FEDERAL									
STATE									
OPERATING REVENUES									
FUND BALANCE/RET EARNINGS									
OTHER									
<b>TOTAL</b>	<b>260.0</b>	<b>376.0</b>	<b>392.0</b>	<b>408.0</b>	<b>424.0</b>	<b>440.0</b>	<b>960.0</b>		

## CAPITAL IMPROVEMENT PROJECT SUMMARY

DEPARTMENT: Public Works	ACCT. CODE:
PROJECT CATEGORY: General	SERVICE AREA: Anchorage Roads and Drainage S.A.
<p><u>STATE HIGHWAY PROJECT REIMBURSEMENT (78-83)</u></p> <p>Reimbursement to State of Alaska for construction of adjacent street widening within Municipal rights-of-way in conjunction with State Highway Construction Projects.</p>	
<p><u>HILLSIDE - GIRWOOD LSR&amp;T (78-83)</u></p> <p>Local Service Roads and Trails funds to be used for upgrading existing roads or providing bicycle and pedestrian paths within the Hillside - Girdwood Area. Specific project each year will be chosen on the basis of the need of the community.</p>	
<p><u>EAGLE RIVER - CHUGIAK LSR &amp; T (78-83)</u></p> <p>Local Service Roads and Trails funds to be used for upgrading existing roads or providing bicycle and pedestrian paths within the Eagle River - Chugiak Area. Specific project each year will be chosen on the basis of the need of the community.</p>	

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE			PRIORITY 1			
PROJECT CATEGORY General				SERVICE AREA Anchorage Roads and Drainage S.A.						
TITLE	1978	1979	1980	1981	1982	1983	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST	
State Highway Project Reimbursement										
ESTIMATED COST			IN THOUSANDS							
LAND AND R.O.W.										
CONSTRUCTION										
PLANNING AND DESIGN										
EQUIPMENT										
INTERFUND CHARGES										
OTHER Reimbursement	100.0	216.0	232.0	248.0	264.0	280.0	1,340.0		1,340.0	
TOTAL	100.0	216.0	232.0	248.0	264.0	280.0	1,340.0		1,340.0	
SOURCE OF FUNDS							REIMBURSABLES			
G.O. BONDS AUTHORIZED										
G.O. BONDS UNAUTHORIZED	100.0	216.0	232.0	248.0	264.0	280.0				
REVENUE BONDS										
FEDERAL										
STATE										
OPERATING REVENUES										
FUND BALANCE/RET EARNINGS										
OTHER										
TOTAL	100.0	216.0	232.0	248.0	264.0	280.0				
OPERATING BUDGET IMPACT		1978 PERSONNEL COSTS	1978 OTHER COSTS	FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE		
PROJECT STATUS: Proposed				DESIGN FEES: N/A						
LOCATION: Various				PERCENT OF BLDG. COSTS: N/A						
GROSS FLOOR AREA: N/A				ESTIMATED CONSTRUCTION PERIOD: Varies (mos.)						
BUILDING COST PER SQ. FT.: N/A				STARTING TIME: N/A						
ASSET LIFE: N/A				ASSESSMENTS: N/A						

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: State Highway Project Reimbursement		
PROJECT CATEGORY: General		SERVICE AREA: Anchorage Roads and Drainage S.A.				
		-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>						<u>Feasibility</u> - This project is necessary to provide funds for reimbursing the State for construction of adjacent street widening within Municipal rights-of-way in conjunction with State Highway Construction Projects.
1. How feasible is this project in terms of timing, costs and resource availability?				✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?					✓	
<b>NEED</b>						<u>Need</u> - These projects improve major intersections, servicing the entire population of Anchorage.
1. How urgent is the need for this project?				✓		
2. To what extent does this project alleviate present inadequacies?				✓		
<b>SUPPORT</b>						<u>Support</u> - These projects are in the <u>Official Street and Highway Plan</u> and supported by the State.
1. How does this project relate to specific plans adopted by the Municipality?				✓		
2. To what extent has the public supported this project?					✓	
<b>REQUIREMENT</b>						<u>Requirement</u> - G.O. Bonds will be required for funding of these projects.
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?		✓				
2. Is this project a requirement for either State or Federal funding?		✓				
<b>IMPACT ON THE OPERATING BUDGET</b>						<u>Operating Budget</u> - No effect.
1. To what extent does this project reduce the cost of providing a Municipal service?				✓		
2. Does this project reduce personnel costs?				✓		

CIP-4

CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE			PRIORITY 2		
PROJECT CATEGORY General				SERVICE AREA Anchorage Roads and Drainage S.A.					
TITLE Hillside - Girdwood LSR&T	1978	1979	1980	1981	1982	19 83	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
ESTIMATED COST			IN THOUSANDS						
LAND AND R.O.W. CONSTRUCTION	70.0	70.0	70.0	70.0	70.0	70.0	420.0		420.0
PLANNING AND DESIGN									
EQUIPMENT									
INTERFUND CHARGES	12.5	12.5	12.5	12.5	12.5	12.5	75.0		75.0
OTHER (In House Engineering)	17.5	17.5	17.5	17.5	17.5	17.5	105.0		105.0
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	600.0		600.0
SOURCE OF FUNDS							REIMBURSABLES		
G.O. BONDS AUTHORIZED									
G.O. BONDS UNAUTHORIZED	100.0	100.0	100.0	100.0	100.0	100.0			
REVENUE BONDS									
FEDERAL									
STATE									
OPERATING REVENUES								600.0	
FUND BALANCE/RET EARNINGS									
OTHER									
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0		600.0	
OPERATING BUDGET IMPACT		19 78 PERSONNEL COSTS	19 78 OTHER COSTS	FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE	
PROJECT STATUS: Proposed				DESIGN FEES: \$105.0					
LOCATION: Various				PERCENT OF BLDG. COSTS: 25%					
GROSS FLOOR AREA: N/A				ESTIMATED CONSTRUCTION PERIOD: 3 (mos.)					
BUILDING COST PER SQ. FT.: N/A				STARTING TIME: June					
ASSET LIFE: N/A				ASSESSMENTS: N/A					

CAPITAL IMPROVEMENT PROJECT ESTIMATE – JUSTIFICATION

DEPARTMENT: Public Works		ACCT. CODE:		PROJECT TITLE: Hillside-Girdwood LSR&T		
PROJECT CATEGORY: General		SERVICE AREA: Anchorage Roads and Drainage S.A.				
		-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>						<u>Feasibility</u> - These projects are feasible due to availability of funds, need of the community, and available engineering services. They will not be directly related to other projects.
1. How feasible is this project in terms of timing, costs and resource availability?				✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?			✓			
<b>NEED</b>						<u>Need</u> - Each year the project will be selected on the needs of the community to upgrade existing roads and provide bicycle and pedestrian paths.
1. How urgent is the need for this project?				✓		
2. To what extent does this project alleviate present inadequacies?				✓		
<b>SUPPORT</b>						<u>Support</u> - The improvements are supported by the area Community Council and public requests.
1. How does this project relate to specific plans adopted by the Municipality?				✓		
2. To what extent has the public supported this project?				✓		
<b>REQUIREMENT</b>						<u>Requirement</u> - Local Service Roads and Trails monies are available as this project funding source. Funding is already appropriated for 1978 and 1979 by the State Legislature and each Project is approved by the Assembly before application is made by the State.
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?				✓		
2. Is this project a requirement for either State or Federal funding?				✓		
<b>IMPACT ON THE OPERATING BUDGET</b>						<u>Operating Budget</u> - Will not affect the operating budget as a service district for maintenance is not established in this area.
1. To what extent does this project reduce the cost of providing a Municipal service?			✓			
2. Does this project reduce personnel costs?			✓			



CAPITAL IMPROVEMENT PROJECT ESTIMATE

DEPARTMENT Public Works				ACCT. CODE			PRIORITY 3		
PROJECT CATEGORY General				SERVICE AREA Anchorage Roads and Drainage S.A.					
TITLE Eagle River - Chugiak LSR&T	19 78	19 78	19 80	19 81	19 82	19 83	FUTURE PROJECT COST	PRIOR YEARS APPROP.	TOTAL PROJECT COST
ESTIMATED COST	IN THOUSANDS								
LAND AND R.O.W. CONSTRUCTION	42.0	42.0	42.0	42.0	42.0	42.0	252.0		252.0
PLANNING AND DESIGN	10.5	10.5	10.5	10.5	10.5	10.5	63.0		63.0
EQUIPMENT									
INTERFUND CHARGES	7.5	7.5	7.5	7.5	7.5	7.5	45.0		45.0
OTHER									
TOTAL	60.0	60.0	60.0	60.0	60.0	60.0	360.0		360.0
SOURCE OF FUNDS							REIMBURSABLES		
G.O. BONDS AUTHORIZED							360.0		
G.O. BONDS UNAUTHORIZED	60.0	60.0	60.0	60.0	60.0	60.0			
REVENUE BONDS									
FEDERAL									
STATE									
OPERATING REVENUES									
FUND BALANCE/RET EARNINGS									
OTHER									
TOTAL	60.0	60.0	60.0	60.0	60.0	60.0	360.0		
OPERATING BUDGET IMPACT	1978 PERSONNEL COSTS		-1978 OTHER COSTS		FUTURE ANNUAL PERSONNEL COSTS		FUTURE ANNUAL OTHER COSTS		ANNUAL REVENUE
PROJECT STATUS:	Proposed				DESIGN FEES:		\$63.0		
LOCATION:	Eagle River and Chugiak				PERCENT OF BLDG. COSTS:		25%		
GROSS FLOOR AREA:	N/A				ESTIMATED CONSTRUCTION PERIOD:		4 (mos.)		
BUILDING COST PER SQ. FT.:	N/A				STARTING TIME:		July		
ASSET LIFE:	N/A				ASSESSMENTS:		N/A		

DEPARTMENT: Public Works				ACCT. CODE:	PROJECT TITLE: Eagle River - Chugiak LSR&T			
PROJECT CATEGORY: General				SERVICE AREA: Anchorage Roads and Drainage S.A.				
				-	0	✓	+	EXPLANATION
<b>FEASIBILITY</b>								<u>Feasibility</u> - These projects are feasible due to availability of funds, need of the community, and available engineering and contracting services. They will not be directly related to other projects.
1. How feasible is this project in terms of timing, costs and resource availability?						✓		
2. To what extent is this project essential to the completion of other projects in this C.I.P. or existing plans?				✓				
<b>NEED</b>								<u>Need</u> - Each year the project will be selected on the needs of the community to upgrade existing roads to the extent allowable with available funds in a given year.
1. How urgent is the need for this project?						✓		
2. To what extent does this project alleviate present inadequacies?						✓		
<b>SUPPORT</b>								<u>Support</u> - These improvements are supported by the area Community Council and public requests.
1. How does this project relate to specific plans adopted by the Municipality?						✓		
2. To what extent has the public supported this project?						✓		
<b>REQUIREMENT</b>				✓				<u>Requirement</u> - Local Service Roads and Trails monies are available as this project's funding source. Funding is already appropriated for 1978, and 1979 by the State Legislature and each project is approved by the Assembly before application is made by the State.
1. Has this project been mandated by the Municipal Charter, the Assembly, or Court Order?							✓	
2. Is this project a requirement for either State or Federal funding?								
<b>IMPACT ON THE OPERATING BUDGET</b>								<u>Operating Budget</u> - Will not affect the operating budget as a service district for maintenance is not established in this area.
1. To what extent does this project reduce the cost of providing a Municipal service?					✓			
2. Does this project reduce personnel costs?					✓			