

MUNICIPALITY OF ANCHORAGE – CIP - 1
DEPARTMENT CAPITAL NEEDS ANALYSIS

Department	Public Works
Program Category	Anchorage Solid Waste

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 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 means of providing them with environmentally safe, efficient and economical solid waste storage, collection, transport, processing, recovery and disposal.

SIX-YEAR DEPARTMENT GOALS AND STRATEGY

In the Anchorage Solid Waste Disposal Service Area two major projects including planning, acquiring and designing a new disposal site to replace the existing Municipal landfill upon completion in 1986 and continued analysis of using refuse derived fuel as a fossil fuel supplement in one of the area's heating power plants will be undertaken. Acquisition of a new disposal site will insure that the natural environment is enhanced and be consistent with environmental standards addressed in the Comprehensive Development Plan as well as meeting State and Federal standards relating to land disposal of solid wastes. The design and construction of a resource recovery facility will reduce the lands consumed for waste disposal purposes, provide in the form of refuse derived fuel an alternative to fossil fuels consumed and recover valuable materials contained in the waste stream for reuse. These too are consistent with goals and objectives presented in the Comprehensive Development Plan.

A major emphasis will be placed on increasing the efficiency of refuse collection within the City Service Area by reducing equipment downtime through viable equipment replacement schedules and optimization of collection equipment and personnel through efficient routing.

PRIORITY CRITERIA

1. Projects and acquisitions which improve efficiencies or at least maintain the existing level of service shall receive the highest ranking.
2. Acquisitions which must be provided as a result of increasing population and development shall be ranked next.
3. Projects and acquisitions which explore alternative means of providing solid waste service shall be ranked next.

MUNICIPALITY OF ANCHORAGE — CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department	Public Works
Project Category	Refuse Collections

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Warm Storage Building (775101)	854	106.9	Construct a 80x180 foot equipment warm storage structure at shredding plant to house refuse collection vehicles and administration offices. Project originally delayed from 1979 until legal problems with site resolved. Project funding to be revenue bond. Design contract awarded December, 1980. Construction to begin in August with completion scheduled for December, 1981. Estimated construction costs \$1.25 million.
Vehicles (775103)	387	-0-	One of the two budgeted 31 cubic yard front loaders and the two 25 cubic yard rear loaders are planned to be purchased in 1981 along with a sedan. Specifications are being prepared. Expect delivery to be made in December.
Containers (775102)	26	55.0	Container purchases budgeted for 1981 are not planned to be purchased because demand for new services has dropped significantly. Current inventory from prior year purchase should be sufficient to last through this year.
Office Equipment (775104)	2	1.4	Miscellaneous office equipment.

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

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DEPARTMENT: PUBLIC WORKS

PROJECT CATEGORY: REFUSE COLLECTION

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1982	1983	1984	1985	1986	1987			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	0	0	0	0	0	0	0		
LAND AND R.O.W.	0	0	0	0	0	0	0		
CONSTRUCTION	0	0	0	0	0	0	0		
EQUIPMENT	438	606	484	583	640	897	3,648		
INTERFUND CHARGES	5	6	5	5	6	8	35		
OTHER	0	0	0	0	0	0	0		
TOTAL	443	612	489	588	646	905	3,683	0	3,683
SOURCE OF FUNDS							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
G.O. BONDS AUTH									
G.O. BONDS UNAUTH.	0	0	0	0	0	0	0	0	
REVENUE BONDS	0	0	0	0	0	0	0		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	0	0	0	0	0	0	0	0	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	443	612	489	588	646	905	3,683		
OTHER	0	0	0	0	0	0	0		
TOTAL	443	612	489	588	646	905	3,683	0	3,683

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS

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Department Public Works				Account Code 0561-7751					
Program Category Anchorage Solid Waste				Project Category Refuse Collection					
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input type="checkbox"/> G.O. <input type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1982	1983	1984	1985	1986	1987			
	THOUSANDS OF DOLLARS								
Mobile Equipment Replacement	414	581	455	550	605	860		3,465	
Refuse Containers	29	31	34	38	41	45		218	

MUNICIPALITY OF ANCHORAGE – CIP - 5
CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

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Department Public Works		Account Code 0561-7751	
Program Category Anchorage Solid Waste		Project Category Refuse Collection	
PROJECT TITLE		SUMMARY OF PROJECT SCOPE	
Mobile Equipment Replacement		Replacement of 31 cubic yard front load, 25 cubic yard rear load and satellite refuse collection vehicles used within the City Service Area. Vehicles replaced on four and five year schedules. Vehicle costs recouped through user charges.	
Refuse Containers		Fifty, 3 cubic yard front loading container purchases each year for new services and worn out existing units. Containers rented to customers.	

MUNICIPALITY OF ANCHORAGE – CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department
Public Works
Project Category
Anchorage Solid Waste Disposal

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Girdwood Container Site Road (772201)	25	25	State funded H.B. 60 Grant. Preliminary design work completed by Engineering. Project will require an additional \$25,000 to complete or reduced in scope to be within available funding.
Girdwood Container Site Additions (772202)	15	15	State funded H.B. 60 Grant. Preliminary design work completed by Engineering. Project consists of constructing canopy over roll-on/roll-off boxes at transfer station. Engineering estimates project to cost an additional \$50,000. Project needs to be re-evaluated.
Girdwood Container Site Improvements (772203)	10	10	State funded H.B. 60 Grant. Project consisted of installing fencing and concrete pads at container site. Project complete at total cost of \$11,080.
Equipment Replacement	13	0	Replacement of 4x4 pickup truck for landfill/shredder operation. Specifications being prepared by Equipment Maintenance. Project completion scheduled for August 1981. Project to be funded with retained earnings.
New Equipment	58	0	Project includes funding for new transport tractor for 65 cubic yard transfer trailers. Equipment will reduce waiting time for removal of shredded wastes from plant. Specifications being prepared by Equipment Maintenance. Expected delivery and project close out, August 1981. Project to be funded with retained earnings.
Landfill Fencing	35	0	Project consists of installing fencing along south side of landfill from Lake Otis to Merrill Field Drive, and north to airport property along west side of landfill. Project will be delayed until earthen berm can be constructed in these areas to increase effectiveness of fencing and provide more screening to landfill operation.
Shredder Plant Canopy	34	0	Design and construction of this project is planned for late 1981. This canopy will protect members of the public from rain, snow, and falling ice while they are dumping at the shredding facility.

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

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DEPARTMENT: PUBLIC WORKS

PROJECT CATEGORY: SOLID WASTE DISPOSAL

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1982	1983	1984	1985	1986	1987			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	0	0	0	0	211	0	211		
LAND AND R.O.W.	0	0	4,400	0	0	0	4,400		
CONSTRUCTION	0	0	235	0	3,688	0	3,923		
EQUIPMENT	452	118	388	397	2,136	218	3,709		
INTERFUND CHARGES	6	2	136	6	310	3	463		
OTHER	0	0	0	0	0	0	0		
TOTAL	458	120	5,159	403	6,345	221	12,706	0	12,706
SOURCE OF FUNDS							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
G.O. BONDS AUTH.									
G.O. BONDS UNAUTH.	0	0	2,383	0	2,458	0	4,841	0	
REVENUE BONDS	0	0	0	0	0	0	0		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	0	0	2,383	0	3,686	0	6,069	6,069	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	458	120	393	403	201	221	1,796		
OTHER	0	0	0	0	0	0	0		
TOTAL	458	120	5,159	403	6,345	221	12,706	6,069	6,637
OPERATING AND MAINTENANCE COST ESTIMATE							OPERATING BUDGET UNITS WITH MAJOR IMPACTS		
OPERATING EXPENDITURES	0	15	55	248	368	3,089	7710		
OPERATING REVENUES	0	0	0	0	419	2,347	7720		
FUEL SALES							0		
NET OPERATING COST	0	15	55	248	51	742	0		

MUNICIPALITY OF ANCHORAGE – CIP - 4
CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY

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Department Public Works				Account Code 0563-7721					
Program Category Anchorage Solid Waste				Project Category Anchorage Solid Waste Disposal					
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input checked="" type="checkbox"/> G.O. <input type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1982	1983	1984	1985	1986	1987			
	THOUSANDS OF DOLLARS								
Anchorage Disposal Site			4,766				2,383		2,383
Equipment Replacement	301		174	258	201	221		1,155	
New Equipment	148	120	219	145				632	
Resource Recovery Facility					6,144		2,458		3,686
						</			

**MUNICIPALITY OF ANCHORAGE – CIP - 5
CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY**

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Department Public Works		Account Code 0563-7721	
Program Category Anchorage Solid Waste		Project Category Anchorage Solid Waste Disposal	
PROJECT TITLE		SUMMARY OF PROJECT SCOPE	
Anchorage Disposal Site	Acquisition and development of new land disposal site for deposition of area's solid waste upon completion of the 15th Avenue landfill.		
Equipment Replacement	Replacement of existing transportation and heavy equipment utilized in the processing and disposal of solid wastes. Includes dozer, loader, compactor, light plant, transfer tractors and light pickups.		
New Equipment	Acquisition of an additional light plant for safe winter operation at the landfill, two tractors and trailers for transporting additional solid waste from the shredder, an additional loader for increasing shredder output and reducing downtime, a self-loading scraper for operating the new landfill site, and a set of loader fork attachments for unloading heavy items at the shredder.		
Resource Recovery Facility	Construct modifications to shredding facility to allow for the production of refuse derived fuel which can be substituted for fossil fuels used for steam and power generation.		

MUNICIPALITY OF ANCHORAGE — CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department
Public Works
Project Category
Eagle River/Chugiak Solid Waste Disposal

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Transfer Station (774101)	300	229	Transfer station design completed. Due to a protest by adjacent property owners over the approval of a conditional use permit and a subsequent appeal to the Board of Adjustment, the project has been indefinitely postponed pending action on the alternative landfill project funded with a 1980 State grant.
Sanitary Landfill (774200)	315	315	In July, 1980 the Municipality received a grant to design and construct a landfill to serve the Eagle River/Chugiak solid waste service area, and in August received a patent to a 20 acre land parcel for the facility. Preliminary design of the facility has been completed and applications for the required State Solid Waste Permit and Conditional Land Use Permit are being processed. Construction of the facility is slated for early summer. Total project cost estimated to be \$356,600.

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

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DEPARTMENT: PUBLIC WORKS

PROJECT CATEGORY: ER/CHUGIAK SOLID WASTE DISPOSAL

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1982	1983	1984	1985	1986	1987			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	0	0	0	0	0	20	20		
LAND AND R.O.V.	0	0	0	0	0	0	0		
CONSTRUCTION	0	0	0	0	0	1,005	1,005		
EQUIPMENT	0	0	0	0	0	222	222		
INTERFUND CHARGES	0	0	0	0	0	52	52		
OTHER	0	0	0	0	0	0	0		
TOTAL	0	0	0	0	0	1,299	1,299	0	1,299
SOURCE OF FUNDS							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
G.O. BONDS AUTH.									
G.O. BONDS UNAUTH.	0	0	0	0	0	291	291	0	
REVENUE BONDS	0	0	0	0	0	0	0		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	0	0	0	0	0	779	779	779	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	0	0	0	0	0	229	229		
OTHER	0	0	0	0	0	0	0		
TOTAL	0	0	0	0	0	1,299	1,299	779	520

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS

**MUNICIPALITY OF ANCHORAGE – CIP - 4
CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY**

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Department Public Works				Account Code 0565-7741					
Program Category Eagle River/Chugiak Solid Waste				Project Category Eagle River/Chugiak Solid Waste Disposal					
PROJECT TITLE	TOTAL PROJECT COST						BONDS	OTHER	STATE OR
	1982	1983	1984	1985	1986	1987	<input checked="" type="checkbox"/> G.O.	LOCAL	FEDERAL
	THOUSANDS OF DOLLARS						<input type="checkbox"/> REV		FUNDS
Transfer Facility	-0-	-0-	-0-	-0-	-0-	1,299	291	229	779
TOTALS	-0-	-0-	-0-	-0-	-0-	1,299	291	229	779

MUNICIPALITY OF ANCHORAGE – CIP - 5
CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

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Department Public Works	Account Code 0565-7741
Program Category Eagle River/Chugiak Solid Waste	Project Category Eagle River/Chugiak Solid Waste Disposal
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
Transfer Facility	<p>In accordance with restrictions placed on the land patent for the sanitary landfill site being constructed in 1981, land disposal operations will have to cease in 1988. Basic design work has been completed on a transfer facility which will best serve the needs of the solid waste service area residents and commercial establishments for at least 20 years. Solid wastes received at the facility will be compacted into 65 cubic yard transfer vehicles for transport to either a processing facility or future disposal site.</p>

MUNICIPALITY OF ANCHORAGE – CIP - 1
DEPARTMENT CAPITAL NEEDS ANALYSIS

Department	Public Works
Program Category	Anchorage Roads and Drainage

POLICY GOALS

Comprehensive Development Plan, Official Streets and Highways Plan, Transportation Improvement System and Breakthrough Action Plan:

Goals - To establish an efficient transportation system to accomodate the public needs, serving both external and internal needs with a minimum negative impact on the community; provide 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 Anchorage; to help provide the Anchorage area with a comprehensive, modern, and efficient transportation system.

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

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 those major arterial and collector streets within the Municipality with the highest priority 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 request of the public.

This goal will be achieved in the CIP with the scheduling of several major and minor arterial and collector street projects and anticipation of public request for residential Road Improvement Districts in each year. Emphasis will be placed on applying the latest techniques in water quality management to assure surface water quality levels consistent with Alaska Water Quality Standards (18AAC70). These will be attained through the implementation of control devices for the reduction and elimination of existing pollutants and by exercising preventative type design considerations in new developments eliminating the introduction of pollutants into the natural environment.

PRIORITY CRITERIA

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

1. Mayor's policy guidelines.
2. The overall development objectives as stated on the Comprehensive Development Plan, Official Streets and Highway Plan, Breakthrough Action Plan, community groups, private development, citizen requests, and complaints.

MUNICIPALITY OF ANCHORAGE – CIP - 1
DEPARTMENT CAPITAL NEEDS ANALYSIS

Department	Public Works
Program Category	Anchorage Roads and Drainage

POLICY GOALS

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

Reduce the impact of strip commercial by proper street design, and control of access points.

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

Accomodate the Public needs for the next decade and beyond.

Ensure orderly land use to protect and maintain the environment while allowing people the flexibility to move around easily and comfortably.

SIX-YEAR DEPARTMENT GOALS AND STRATEGY

PRIORITY CRITERIA

3. 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.
4. 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.
5. The relationship between projects with respect to design, location, timing, and activities involved.

MUNICIPALITY OF ANCHORAGE — CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department	Public Works
Project Category	Road Improvements

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Old Seward Highway 77/B1A701	650.0	-0-	Project completed and closed end of 1980 668.0 Budget Revision.
R.O.W. Acquisition 36th- Old Seward Highway 76/B1A602	700.0	960.0	Property acquired. Relocation completed in 1980. 260.0 budget revision.
Anticipated RID's 76-77/B1R714	2100.0	921.0	Remaining funds available in SA 35 for Anticipated RID's from prior years (1976-1977) CIB. 1,598.0 Closed Projects 419.0 Budget Revision
Subdivision Reimbursements 76-77/B4C705	360.0	35.0	Arterial and collector reimbursements from prior years (1977) CIB. 225.0 Closed Projects. 100.0 Budget Revisions.
State Highway Projects 76-77/B4H603	520.0	170.0	Remaining funds available in SA 35 for State Highway project reimbur- sements from prior years (1977) CIB. 474.0 Closed projects 124.0 Budget Revision.
Campbell Creek Bridge 77/B5C705	60.0	-0-	Design only. Project completed, and closed end of 1980.
Eagle River/Chugiak LSR&T 76-77/NA	208.0	-0-	Projects completed and closed end of 1980. 311.0 Closed projects. 103.0 Budget Revisions.
SA 30/LSR&T 76/B5L602 77/B5L702	210.0	127.0	107.0 Closed Projects. 24.0 Budget Revisions.
Spenard Road-Northern Lts. to Hillcrest 77/C7A701	670.0	565.0	Construction completed in 1980. 15.0 Budget Revisions.

MUNICIPALITY OF ANCHORAGE – CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department	Public Works
Project Category	Road Improvements

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Vertical Control 77/B5C706	30.0	-0-	Project completed and closed end of 1980. 14.0 Budget Revisions.
Monumentation 77/B5C707	30.0	-0-	Project completed and closed end of 1980 (12.0) budget revision
E. 3rd Ave-Post to Elmendorf Access 76-77/NA	1720.0	-0-	Project rescheduled in 1982 CIB.
Anticipated RID's 76-77/C7R718	1630.0	795.0	Remaining funds available in City SA for anticipated RID's from prior years (1977) CIB. 162.0 Closed Projects (223.0) budget revision 161.0 budget revision
Subdivision Arterial and Collector Streets 76-77/C9R626	1260.0	348.0	These funds cover outstanding reimbursable agreements. 53.0 Closed Projects (236.0) Budget Revision
State Highway Projects 77/NA	100.0	-0-	These funds cover outstanding State reimbursable agreements.
Fireweed-Arctic to Spenard 75/C7A709 270.0 79/M91A12 270.0	540.0	540.0	Design complete, construction anticipated in 1981.
36th-"C" Street to Old Seward Highway 78/M1A805	1115.0	1115.0	Construction 80% completed in 1980, anticipate 100% completion in 1981.
Mt. View Drive-Commercial Drive to Bragaw 78/M1A806	1090.0	1090.0	Design completed, construction begun in 1980, anticipated completion in 1981, signalization and utility relocation work remaining.

MUNICIPALITY OF ANCHORAGE – CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department	Public Works
Project Category	Road Improvements

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR			
PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
36th-Old & New Seward Highway Intersections 78/M1A807	-0-	846.0	Project completed, and closed end of 1980 846.0 Budget Revision
Anticipated RID's 78/M1R801	2200.0	2113.0	Remaining funds available in ARDSA for Anticipated RID's from prior years (1978) CIB. 37.0 Closed Projects (50.0) Budget Revision
Arctic Blvd. Campbell Creek Bridge 78/M1R827	940.0	1032.0	Project completed and closed end of 1980. 92.0 Budget Revision
State Highway Project Reimbursements 78/M2H8012	100.0	150.0	Remaining funds available in ARDSA for State Highway project reimbursements from prior years (1978) CIB. 50.0 Budget Revision.
36th-"C" St. to Arctic 79/M91A08	-0-	962.0	Construction 80% completed in 1980, anticipate 100% completion in 1981. 962.0 Budget Revision
Anticipated RID's 79/M91R01	3390.0	4873.0	Remaining Funds available in ARDSA for anticipated RID's when approved. 17.0 Closed Projects 1500.0 Budget Revision
Subdivision Arterial and Collector Reimbursement 79/M92A01	540.0	200.0	Remaining funds available in ARDSA for reimbursement.
Eagle River/Chugiak LSR&T 79/NA	58.0	-0-	Approved funds for 1979.
Hillside-Girdwood LSR&T 79/M93T01 78/M3T801	98.0	388.0	Approved funds for 1979. 44.0 Budget Revision 238.0 Budget Revision (grant)

MUNICIPALITY OF ANCHORAGE — CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department	Public Works
Project Category	Road Improvements

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Commercial Drive-3rd Ave. to Mt. View Drive 80/M01A10	2298.0	1220.0	Design underway, anticipate construction in 1981. 1140.0 Budget Revision (grant)
Anticipated RID's 80/M01R01	3800.0	2356.0	Remaining Funds available in ARDSA for anticipated RID's when approved. (1440.0) Budget Revision
Subdivision Reimbursement Arterial and Collector Streets 80/NA	555.0	-0-	Remaining Funds available in ARDSA for reimbursement.
Eagle River-Chugiak LSR&T 80/NA	-0-	-0-	Projects unassigned. 106.1 Anticipated in grants.
Hillside-Girdwood LSR&T 80/M03T01	-0-	47.0	Approved funds for 1980. 47.0 Budget Revision (grant)
Old Seward Highway-44th to International 80/M01A09	1134.0	1134.0	Design underway, anticipate construction in 1981.
Northwood-83rd to Strawberry 80/M01A11	1059.0	1059.0	Design underway, anticipate partial construction in 1981.
Providence/University Drive - Lake Otis to Bragaw Extension 80/M01A15	1357.0	1357.0	Design underway, Phase I (Providence portion) anticipated construction in 1981.
Miscellaneous Street Improvements 81/NA	4781.0	-0-	Remaining funds available for construction of special assesment district streets and reimbursement for subdivision street improvements.

MUNICIPALITY OF ANCHORAGE — CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department	Public Works
Project Category	Road Improvements

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Eagle River-Chugiak Road Improvements 81/NA	-0-	-0-	110.0 Anticipated in grants.
Hillside-Girdwood Road Improvements 81/NA	-0-	-0-	149.0 Anticipated in grants.
Hillside-Girdwood Misc. Road Improvements 81/NA	-0-	-0-	351.0 Anticipated in grants.
Mt. View-Bragaw to McCarry 81/NA	1369.0	-0-	Design underway, anticipate construction in 1982 pending receipt of funding for one third assessable portion.
Arctic Blvd-44th to International 81/NA	1,228.0	-0-	Design complete, construction underway, completion anticipated in 1982.
Pine Street-64th to Glenn Highway 81/NA	950.0	-0-	Design underway, anticipate 1982 construction.
Buttress Haul Road-Post to Commercial 81/NA	238.0	-0-	Project start pending legislative funding. Anticipated grant.
Sherwood Acres Road Reconstruction 81/NA	310.0	-0-	Project start pending legislative funding. Anticipated grant.
Beaver/Baxter Road Improvements 81/NA	100.0	-0-	Project start pending legislative funding. Anticipated grant.

MUNICIPALITY OF ANCHORAGE — CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department	Public Works
Project Category	Road Improvements

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
20th Ave. East of Arctic 81/NA	300.0	-0-	Project start pending legislative funding. Anticipated grant.
Downtown Alley Paving 81/NA	119.0	-0-	Project start pending legislative funding. Anticipated grant.
Subdivision Reconstruction (1981-1983) 81/NA	1184.0	-0-	Project start pending legislative funding. Anticipated grant.
E. 68th-Lake Oits Pkwy to Askeland 81/NA	785.0	-0-	Antipated grant.
Old Seward Highway 77/C7A708	310.0	-0-	Project completed, and closed at end of 1980. 100.0 Budget Revision.
20th & Sitka 76-77/NA	1,140.0	-0-	RID petition requested for Sitka Street.
Mt. View Dr., Utility 77/C7A710	-0-	161.0	To be completed with street improvements. Construction anticipated in 1982.
Vertical Control 76-77/C-NA	78.0	-0-	To be closed 50.0 closed projects.
Monumentation 76-77 C-NA	70.0	-0-	To be closed. 48.0 closed projects.
Spenard Area Sealcoat grant 78/M3P803	-0-	200.0	Construction completed in 1980.
Cat A Paving Gravel Roads 79/M93P04	-0-	297.0	Construction complete. 297.0 Budget Revision (grant)

MUNICIPALITY OF ANCHORAGE — CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department	Public Works
Project Category	Road Improvements

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Cat. B Resurfacing 79/M93P05	-0-	693.0	Construction Complete. 693.0 Budget Revision (grant)
Cat. F Miscellaneous 79/M93P06	-0-	720.0	Construction 60% Complete. 720.0 Budget Revision (grant)
Lois Drive Repairs 79/769100	200.0	200.0	Basic contract complete. Remaining funds being used for additional work.
Street Repairs-Dist. 9 79/769200	200.0	200.0	Construction completed in 1980.
Eagle River Community Council 79/796301	158.0	158.0	Construction completed in 1980.
Eagle River Valley Community Council 79/769302	158.0	158.0	Construction completed in 1980.
Birchwood Community Council 79/769303	158.0	158.0	Construction 70% complete. To be finished in 1981.
Chugiak Community Council 79/769304	158.0	158.0	Construction 70% complete. To be finished in 1981.
Northeast Community Council 79/769305	317.0	317.0	Design in 1981, anticipate construction completion in 1981.
Wisconsin Drive Realign. 79/769400	690.0	690.0	Construction contract awarded. To be completed in 1981.
Street overlays 79/769601	421.0	421.0	Contract completed.

MUNICIPALITY OF ANCHORAGE – CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department	Public Works
Project Category	Road Improvements

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Residential Street Imprv. 79/769602	508.0	508.0	Construction contract awarded. To be completed in 1981
Signals, 6th & "H" & 7th & "C" 79/769603	160.0	160.0	Construction 80% complete on 6th & "H" signals.
Downtown Sidewalks 79/769604	200.0	200.0	BAC Plaza sidewalks completed.
Girdwood Paving & Lighting 79/769700	200.0	200.0	Complete.
Fireweed Sidewalks 80/M05T02	150.0	150.0	Transferred to State. To be completed as part of their project from Arctic to Seward Highway.
Old Seward-Int./Dowling 80/M05T04	1843.0	1843.0	Design in progress. Construction to be completed in 1982.
Arctic-Int./Raspberry 80/M05T05	1200.0	1200.0	Design in progress. Construction to be completed in 1982.
Spenard Area Roads 80/M05T06	1000.0	1000.0	Design in progress on 1st phase.
Old Seward Highway 44/Int. 80/M05T08	1110.0	1110.0	Design in progress. Constructin to be completed in 1982.
Eagle River Area Imprv. 80/M05T09	333.0	333.0	Design completion in 1981, anticipate construction completion is 1981.
Eagle River Valley Imprv. 80/M05T11	333.0	333.0	Design completion in 1981, anticipate construction completion in 1982.
Chugiak Area Imprv. 80/M05T12	333.0	333.0	Design complete, construction complete in 1981.

MUNICIPALITY OF ANCHORAGE – CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department	Public Works
Project Category	Road Improvements

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR			
PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Birchwood Area Improv. 80/M05T13	333.0	333.0	Design complete, construction completion in 1981.
Northeast Area Improv. 80/M05T14	333.0	333.0	Design complete, construction completion in 1981.
Russian Jack Area Improv. 80/M05T15	333.0	333.0	Design complete, construction completion in 1981.
West 88th Avenue 80/M05T16	440.0	440.0	Construction to be completed in 1981.
Strawberry Road 80/M05T17	972.0	972.0	Project limits to be resolved, anticipate design and construction completion in 1982.
Downtown Alley Paving 80/M05T19	200.0	200.0	Design complete. Anticipate construction in 1982, following repairs to sanitary sewer lines.
Bragaw-North of Tudor 80/M05T22	900.0	900.0	Transferred to state. Construction to commence in 1981.
Diamond Blvd. Realign. 80/M05T23	800.0	800.0	Construction 90% complete. To be finished in 1981.
West 88th Paving 80/M05T41	50.0	50.0	Funding allocated from 1980 roads and projects grant. Construction completion in 1981.
Dimond Blvd./Old Seward 80/M05T24	730.0	730.0	Funding allocated from 1980 Roads and Projects grant. Transferred to state.
New Seward/Abbott Road 80/M05T26	320.0	320.0	Funding allocated from 1980 Roads and Projects grant. Design is complete. Construction is expected to be completed during 1981.
Arctic-Raspberry/Dimond 80/M05T29	125.0	125.0	Funding allocated from 1980 Roads and Projects grant. Anticipate design completion in 1982

MUNICIPALITY OF ANCHORAGE – CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department	Public Works
Project Category	Road Improvements

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Rosemary Street 80/M05T33	120.0	120.0	Anticipate construction completion in 1981.
Brandon Cross Roads Paving 80/M05T50	95.0	95.0	Design complete. Construction in 1981.
East 53d-Lupine Paving 80/M05T51	170.0	170.0	Design complete. Construction in 1981.

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

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DEPARTMENT: PUBLIC WORKS

PROJECT CATEGORY: ROAD IMPROVEMENTS

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1982	1983	1984	1985	1986	1987			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	271	322	644	589	0	0	1,826		
LAND AND R.O.W.	2,500	10	252	0	1,183	0	3,945		
CONSTRUCTION	18,193	13,826	18,296	16,220	11,173	19,087	96,795		
EQUIPMENT	0	0	0	0	0	0	0		
INTERFUND CHARGES	3,835	5,192	5,630	5,433	4,282	7,582	31,954		
OTHER	1,041	1,217	1,336	1,471	730	800	6,595		
TOTAL	25,840	20,567	26,158	23,713	17,368	27,469	141,115	0	141,115
SOURCE OF FUNDS							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
G.O. BONDS AUTH.									
G.O. BONDS UNAUTH.	0	11,344	14,879	12,272	13,783	14,128	66,406	0	
REVENUE BONDS	0	0	0	0	0	0	0		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	25,840	9,223	11,279	11,441	3,585	13,341	74,709	74,709	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	0	0	0	0	0	0	0		
OTHER	0	0	0	0	0	0	0		
TOTAL	25,840	20,567	26,158	23,713	17,368	27,469	141,115	74,709	66,406

OPERATING AND MAINTENANCE
COST ESTIMATE

OPERATING BUDGET UNITS
WITH MAJOR IMPACTS

OPERATING EXPENDITURES	0	90	163	192	305	512	7430
OPERATING REVENUES	0	0	1	2	4	8	0
SHARED REVENUE							0
NET OPERATING COST	0	90	162	190	301	505	0

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**MUNICIPALITY OF ANCHORAGE – CIP - 5
CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY**

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Department Public Works	Account Code 0441-7655
Program Category Anchorage Roads and Drainage	Project Category Road Improvements
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
Miscellaneous Street Improvements (1982-1987)	Provides funds for the construction of special assessment district streets and to reimburse private developers for construction of subdivision street improvements, where such streets are designated as collectors or arterials by the Official Streets and Highways Plan.
Miscellaneous Utility Relocations (1982-1987)	These funds are for reimbursement to various utilities for the relocation of their facilities.
Eagle River-Chugiak Misc. Rd. Imp.	This is a project within the adopted LRS&T program funded by the State. This will provide minimum standard road improvements outside the established service areas in the Eagle River-Chugiak area.
Hillside-Girdwood Misc. Rd. Imp.	This is a project within the adopted LRS&T program funded by the State. This will provide minimum standard road improvements outside the established service area in the Hillside-Girdwood area.
Turpin-DeBarr to Glenn Hwy.	Construct to collector standards with signalization at DeBarr for anticipated future traffic levels.
36th Ave.-Arctic to Spenard	Construct to minor arterial standards providing capacity for increased traffic levels and turning movements. Major ROW acquisitions are required on the north side of the street.
Denali St.-36th Ave. to 39th Ave.	Construct to collector standards to provide for future traffic demands and provide needed access to the ATU complex.
34th Avenue-Wisconsin to Tanglewood	Construct 34th Avenue between Wisconsin and Tanglewood.
Girdwood Container Site Road	Construct strip paving over existing road bed.
Artillery Road-Glenn Highway to Sewer Treatment Plant.	Construct strip paving over existing road bed.
Arctic Blvd.-Tudor to Dimond	Upgrade Arctic to 4 lane minor arterial standards.

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MUNICIPALITY OF ANCHORAGE – CIP - 5
CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

PAGE 151

Department	Public Works	Account Code	0441-7655
Program Category	Anchorage Roads & Drainage	Project Category	Road Improvements
PROJECT TITLE	SUMMARY OF PROJECT SCOPE		
Merrill Field Drive	Construct to standard 36 foot back of curb with curb and gutter, sidewalks, signals, lighting and drainage.		
Mt. View Drive - E. 5th to Commercial	Construct to collector standards to provide adequate capacity for current and projected traffic levels.		
Miscellaneous Alley Paving (1982-1987)	Pave alleys, generally in the C.B.D. which are presently gravel and heavily used.		
Subdivision Reconstruction (1982-1987)	Complete reconstruction of portions of streets and drainage, and 1" asphalt overlays in other portions of various subdivisions.		
3rd Avenue - Elmendorf Access to Post Road	Construct to minor arterial standards to provide for anticipated traffic levels between Elmendorf Access and Post Road.		
Wisconsin - Northern Lights to 43rd Court	Construct to collector standards to provide for projected increase in traffic level.		
Providence - University to Northern Lights	Construct Providence Avenue from University Drive to Northern Lights Blvd. to four-lane arterial standards providing for future traffic levels.		
Northwood Drive - 88th to Dimond Blvd.	This project consists of 1,500 feet of street improvement to arterial standards, 600 feet of which will be a bridge over Campbell Creek. The bridge will accommodate pedestrian and bicycle traffic adjacent to the creek.		
Northwood - 83rd Avenue to Strawberry	Construct to arterial standards on a previously constructed gravel base.		
Strawberry - Jewel Lake Road to Arlene	Provide a collector from Jewel Lake Road to Arlene. Future extension to Minnesota Extension will provide improved traffic flow patterns to and from Sand Lake area.		

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**MUNICIPALITY OF ANCHORAGE – CIP - 5
CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY**

PAGE 153

Department	Public Works	Account Code	0441-7655
Program Category	Anchorage Roads & Drainage	Project Category	Road Improvements
PROJECT TITLE		SUMMARY OF PROJECT SCOPE	
Patterson - Northern Lights Blvd. to Tudor		Construct to two-lane collector standards.	
Huffman Road - Timberlane Drive to Old Seward Highway		Construct Huffman to residential collector standards including 2 driving lanes and 2 parking lanes and drainage system. Project will include a 300 foot bridge over the railroad tracks with four driving lanes and sidewalks.	
E. 6th - Patterson to Cherry Street		Construct two-lane street to collector standards.	
Collins Way - Jewel Lake Road to 64th Avenue		Construct street to two-lane collector standards.	
Strawberry - Arlene to Northwood		Construct collector starting at termination of previous years construction to complete connection between Jewel Lake Road and Minnesota Extension greatly enhancing traffic flow to and from the Sand Lake area.	
Lake Otis Parkway - Abbott Road to O'Malley Road		Construct to arterial standards, with storm drainage.	
Raspberry Road - "C" Street to intersection with DOT imprv.		Acquire R.O.W. for 80 foot width from "C" to approximately 3,340 feet west for arterial width (80) and construct to arterial standards, with storm drainage.	
100th Avenue - Victor Road to Camden Bay Drive		Upgrade to a four-lane collector to provide for projected increase in traffic levels.	
Lake Otis Parkway - O'Malley to Huffman		Construct to arterial standards with storm drainage.	

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MUNICIPALITY OF ANCHORAGE – CIP - 5
CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

PAGE 155

Department	Public Works	Account Code	0441-7655
Program Category	Anchorage Roads & Drainage	Project Category	Road Improvements
PROJECT TITLE		SUMMARY OF PROJECT SCOPE	
40th Ave. - Old Seward Hwy. to "C" Street		Construct 40th Ave. to industrial/commercial collector standards including 4 lanes, curbs and gutters, sidewalks and drainage system.	
Timberlane Dr. - Klatt Road to Huffman Road		Construct to residential collector standards, 2 lanes with parking, curb and gutter, sidewalks, and storm drains.	
Northwood Drive - Spenard Road to Int'l. Airport Road		Construct to residential collector standards with 2 driving lanes, 2 parking lanes, curb and gutter, sidewalks and storm drains.	
Cranberry Street - Collins Way to Raspberry Road		Construct to residential collector standards including 2 driving lanes, 2 parking lanes, curb and gutter, sidewalks and storm drains.	
Northern Lights Beautification- Muldoon to Earthquake Park		Landscaping along Northern Lights in the following segments. 1983-Seward to East High (690) 1984-Seward to Forest Park(660) 1985-East High to Baxter(472) 1986-Baxter to Muldoon(400) 1987-Forest Park to Earthquake Park(800)	

MUNICIPALITY OF ANCHORAGE – CIP - 1
DEPARTMENT CAPITAL NEEDS ANALYSIS

Department	Public Works
Program Category	Anchorage Roads and Drainage

POLICY GOALS

Comprehensive Development Plan, Flood Plain Information - Campbell Creek Special Flood Hazard Report-Chester, Campbell, Fish, Ship and Glacier Creeks, Urban Storm Runoff Data Collection Report, 208 Areawide Water Treatment Management Plan, Muldoon Service Area, Sand Lake Service Area, Spenard District Storm Drainage Studies, Miscellaneous Storm Drainage Studies.

Goals - To ensure 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 at these standards with the following objectives.

Objectives - Establishing policies to protect water recharge, water shed and flood plain areas.

SIX-YEAR DEPARTMENT GOALS AND STRATEGY

The goal of the Public Works Department for Storm Drainage during the next six years is to design and construct as many major trunk drainage lines and residential lateral storm drainage lines within the community with the highest priority 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 with the scheduling of several major trunk projects, anticipation of lateral projects in each year and through the expansion of storm drainage studies into a contiguous plan for the "bowl" area including the integration of existing studies into an overall drainage program.

PRIORITY CRITERIA

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

1. Mayor's policy guidelines.
2. The overall development objectives as stated on the Comprehensive Development Plan, 208 Areawide Waste Treatment Management Plan, Muldoon Service Area, Sand Lake Service Area, Spenard District Storm Drainage Studies, private development, citizen requests and complaints.

MUNICIPALITY OF ANCHORAGE — CIP - 1
DEPARTMENT CAPITAL NEEDS ANALYSIS

Department	Public Works
Program Category	Anchorage Roads and Drainage

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

3. Consideration of the overall need of the community for the improvement with emphasis on the efficiency of the project to alleviate present inadequacies for drainage within the drainage basins.
4. 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.
5. The relationship between projects with respect to design, location, timing, and activities involved.

MUNICIPALITY OF ANCHORAGE -- CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department	Public Works
Project Category	Drainage Improvements

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
I System Storm 76/B1S603	130.0	108.0	Project completed and closed end of 1980. (22.0) Budget Revision
Sherwood Acres Storm 77/B2S608	840.0	483.0	Project completed and closed end of 1980. (357.0) Budget Revision
Misc. Storm Drainage 76-77/B1S609	275.0	938.0	Residual funds from prior years CIB. 136.0 Closed Projects 799.0 Budget Revision
Subdivision Storm Drain Oversizing 76-77/B4S601	575.0	23.0	Remaining funds available in SA 35 for storm drain oversizing reimbursements from prior years (1976-77) CIB. Funds will be eventually dropped. 242.0 Closed Projects (310.0) Budget Revision
Spenard and Fireweed Storm 75/C7S619	50.0	75.0	Design completed, construction planned for 1981. 25.0 Budget Revision
Misc. Storm Drain 77/C7S726	250.0	30.0	Residual funds from prior years CIB. 198.0 Closed Projects (22.0) Budget Revision
Subdivision Storm Drain Oversizing 76-77/C8S701	934.0	232.0	Funds cover outstanding reimbursable agreements 274.0 Closed Projects
Misc Storm Drain Imprv. 78/M1P801	500.0	832.0	Remaining funds available in ARDSA for storm drain improvements from prior years (1978) CIB. 690.0 Closed Projects 1022.0 Budget Revision
Muldoon Area Creek Channel- ization Improvement 78/M1P813	70.0	70.0	Project delayed pending further verification of need. ARDSA funds. (40.0) Budget Revision

MUNICIPALITY OF ANCHORAGE – CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department	Public Works
Project Category	Drainage Improvements

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Pine Street Storm Drain- Phase II 78/M1P813	500.0	-0-	Project completed and closed end of 1980. (500.0) Budget Revision
Subdivision Storm Drain Oversizing 78/M2P801	400.0	-0-	Remaining funds available in ARDSA for storm drain oversizing reimbursement from prior years (1978) CIB. (329.0) Budget Revision 71.0 Closed Projects.
Misc. Storm Improvements 79/M91P01	540.0	551.0	Projects under construction. 279.0 Closed Projects 290.0 Budget Revision
Sherwood Acres - Phase II 79/M91P22	290.0	290.0	Design completed, construction anticipated in 1981.
Subdivision Storm Oversizing 79/M92P01	513.0	63.0	Remaining funds available in ARDSA for storm drain oversizing reimbursement from prior years (1979) CIB. (450.0) Budget Revision
Bunnell Street Storm 80/M01P29	341.0	341.0	Project delayed pending formation of RID in the area.
Subdivision Storm Oversizing 80/M02P01	452.0	8.0	Remaining funds available in ARDSA for reimbursement. (440.0) Budget Revision
Miscellaneous Storm Improvements 80/M01P01	451.0	940.0	Remaining funds available in ARDSA to fund projects. 489.0 Budget Revision
Fish Creek Channel Improvements 80/M01P30	330.0	330.0	Construction completion in 1981.

MUNICIPALITY OF ANCHORAGE - CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department	Public Works
Project Category	Drainage Improvements

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Lincoln Park Storm 80/M01P27	226.0	226.0	Construction completion in 1981.
Misc. Drainage Improvements 81/NA	875.0	-0-	Remaining funds available in ARDSA for storm drain oversizing reimbursement and miscellaneous storm drain.
Patterson Street Storm 81/NA	508.0	-0-	Design completion in 1981, construction in 1982.
Turpin Street storm 81/NA	252.	-0-	Design completion in 1981, construction in 1982.
Nevilla Park storm 81/NA	378.0	-0-	Design completion in 1981,. construction in 1982.
Little Campbell Creek Channel Improvement 81/NA	550.0	-0-	Anticipate funding approval with design completion in 1981; construction in 1982.
Foothills Trunk 81/NA	550.0	-0-	Anticipate funding approval with design completion in 1981; construction in 1982.
Diamond Birch Storm 77/B25609	310.0	82.0	Project completed and closed end of 1980 (228.0) Budget Revision
South Glenn Highway Storm Phase I NA/B35003	-0-	528.0	Design will be completed in 1981. Construction is expected to be completed in 1982 528.0 Budget Revision
Pine Street Storm 76-77/NA	1605.0	-0-	Project completed
Cope Street 36-44 Storm Drive NA/M1P805	-0-	270.0	Project completed and closed end of 1980. (270.0) Budget Revision

MUNICIPALITY OF ANCHORAGE — CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department	Public Works
Project Category	Drainage Improvements

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Muldoon Area Creek Storm Drain 78/MIP813	70.0	30.0	This project is presently under review. A final decision to proceed or cancel work is expected following breakup in 1982
Pine Street Storm Drain Phase III 79/M91P23	357.0	357.0	Construction completed.
Blackberry Drainage 79/769500	638.0	638.0	Anticipate 1981 design and construction completion in 1982.
Abbott Loop School Flood Control 80/M05T01	200.0	200.0	Construction 20% complete. To be finished in 1981.
Montague Manor 80/M05T03	220.0	220.0	Design in progress. Construction to be completed in 1981.
Dimond Birch Storm 80/M05T18	191.0	191.0	Anticipate design in 1981 and construction in 1982.

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

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DEPARTMENT: PUBLIC WORKS

PROJECT CATEGORY: DRAINAGE IMPROVEMENTS

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1982	1983	1984	1985	1986	1987			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	126	0	0	0	0	0	126		
LAND AND R.O.W.	0	0	0	0	50	0	50		
CONSTRUCTION	4,680	1,644	1,690	1,703	1,805	2,035	13,557		
EQUIPMENT	0	0	0	0	0	0	0		
INTERFUND CHARGES	1,918	734	794	782	678	870	5,776		
OTHER	290	301	438	461	0	0	1,490		
TOTAL	7,014	2,679	2,922	2,946	2,533	2,905	20,999	0	20,999
SOURCE OF FUNDS							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
G.O. BONDS AUTH.									
G.O. BONDS UNAUTH.	0	2,679	1,891	2,946	2,533	2,905	12,954	0	
REVENUE BONDS	0	0	0	0	0	0	0		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	7,014	0	1,031	0	0	0	8,045	8,045	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	0	0	0	0	0	0	0		
OTHER	0	0	0	0	0	0	0		
TOTAL	7,014	2,679	2,922	2,946	2,533	2,905	20,999	8,045	12,954
OPERATING AND MAINTENANCE COST ESTIMATE							OPERATING BUDGET UNITS WITH MAJOR IMPACTS		
OPERATING EXPENDITURES	0	152	258	383	531	687	7430		
OPERATING REVENUES	0	0	0	0	0	0	0		
NET OPERATING COST	0	152	258	383	531	687	0		

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MUNICIPALITY OF ANCHORAGE – CIP - 5
CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

PAGE 164

Department	Public Works	Account Code	0441-7655
Program Category	Anchorage Roads & Drainage	Project Category	Drainage Improvements
PROJECT TITLE	SUMMARY OF PROJECT SCOPE		
Misc. Drainage Improvements (1982-1987)	Provide for constructing miscellaneous drainage improvements and for reimbursement to private developers for their added costs in constructing larger capacity systems to serve lands outside their particular developments.		
Industrial Park-International to 36th Avenue Storm	Construct 16" through 36" storm drain to drain area bounded by 36th Avenue, Arctic Boulevard, International Airport Road, and "C" Street, providing drainage for future development.		
Old Seward Trunk	Construct 48" through 60" storm drainage trunk line for a drainage area of approximately 575 acres. This line will be located along Old Seward Highway from 100th Ave. to Dimond Blvd.		
Sherwood Acres Phase III	Extend the existing Sherwood Acres system from approximately 2500' west of Arctic Blvd. along Raspberry to Arctic Blvd. then north to the ARR, including laterals. Pipe sizing will be 30" and 36" with 18" laterals.		
West Dimond Trunk	Provide 54" and 60" storm drainage trunk line as the downstream collector for 1300 acres in south Anchorage. This line will run from the Old Seward Highway west along Dimond Blvd. and outfall into Campbell Creek.		
Montague Manor Storm	Provide storm drainage to serve approximately 815 acres in south Anchorage. The alignment of this system will be along 100th Avenue between the New and Old Seward Highway, thence north into the drainage system along Dimond Blvd.		
Roosevelt Park Storm	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.		
Northwood Storm System Extension	Construct 21" and 24" storm drain to place drainage underground that presently flows in ditch from Windemere Subdivision west to Northwood and 48th Avenue, providing for future development.		
Creekside School 6th Avenue to Old Harbor Storm	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 developments.		

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**MUNICIPALITY OF ANCHORAGE – CIP - 5
CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY**

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Department	Public Works	Account Code	0441-7655
Program Category	Anchorage Roads & Drainage	Project Category	Drainage Improvements
PROJECT TITLE	SUMMARY OF PROJECT SCOPE		
Little Tree Extended	Extend the Little Tree System from its current outfall at 56th and Trena to an outfall at Campbell Creek. This system will consist of 24", 30", and 36" pipe and will include a treatment facility prior to the outfall.		
South Glenn Highway, Oklahoma to Boniface Storm Phase II	Provides for the orderly extension of Phase I of the drainage area described as that area bounded by Glenn Highway, 9th Avenue, Muldoon Road, and Boniface.		
East Oceanview Storm	Construct an 18" through 30" drainage and a subdrainage system to serve the Oceanview area, extending an existing system to include subdrainage resulting from Furrow Creek and a main collector trunk to outfall into the Potter Marsh area. The alignment of this system is expected to run along Jarvis Ave., Neptune Ct., and Jarvi Drive. Also included will be subdrains along Stephenson and Hamilton Drive.		
East Dimond Trunk	Construct a 30" through 42" main storm trunk line for a drainage area of approximately 250 acres. The alignment of this storm drain will be along Hartzell, E. 88th Ave., Dimond Blvd., and the Frontage Road on the east side of the New Seward Highway.		
Pleasant Valley Kobuck Storm	Construct 12" through 36" storm drain in place of existing open ditch presently running between Military lands on the east and Pleasant Valley and Kobuk Subdivisions on the west. This will eliminate serious glaciating and flooding problems in this area.		
Newland Storm	Provide 18" and 24" storm drainage and subdrainage to an industrial/residential area of approximately 150 acres. The alignment of this project will be west along W. 88th Ave. and north along Vernon St. with a connection into the West Dimond Trunk.		
Chugach Foothills Storm	Provide 18" and 24" storm drainage and subdrainage along natural drainage south and east of Resurrection Drive to alleviate erosion and glaciating problem.		
Wesleyen-Mills-Glacier Street Storm	Construct storm drain system in vicinity of Wesleyen Drive and Northern Lights Blvd to solve extensive ponding problems.		

MUNICIPALITY OF ANCHORAGE – CIP - 4
CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY

PAGE 167

Department Public Works				Account Code 0441-7655					
Program Category Anchorage Roads and Drainage				Project Category Drainage Improvements					
PROJECT TITLE	TOTAL PROJECT COST						BONDS	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1982	1983	1984	1985	1986	1987	<input checked="" type="checkbox"/> G.O. <input type="checkbox"/> REV		
THOUSANDS OF DOLLARS									
Thunderbird Storm						565	565		
St. Gotthard Storm						265	265		
Lake Otis Weir System						300	300		
17th./20th. Ave.- Chester Creek upgrade						400	400		
Patterson Street Area Storm Drainage Improvements	1,576								1,576
TOTALS	7,014	2,679	2,922	2,946	2,533	2,905	12,954		8,045

MUNICIPALITY OF ANCHORAGE – CIP - 5
CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

PAGE 168

Department	Public Works	Account Code	0441-7655
Program Category	Anchorage Roads & Drainage	Project Category	Drainage Improvements
PROJECT TITLE		SUMMARY OF PROJECT SCOPE	
Thunderbird Storm		Construct 18" and 24" storm system along west boundary of Thunderbird Terrace and Community Park to relieve bad ponding and flooding conditions.	
St. Gotthard Storm		Construct 24" storm drain south of Geneva Woods to solve basement flooding problems in poorly drained area.	
Lake Otis Weir System		Install weir system at southwest corner of Lake Otis to provide positive lake level control by discharging into existing storm system.	
17th/20th Avenue-Chester Creek upgrade		Resolve glaciating and flooding problem at the 17th Avenue and 20th Avenue Chester Creek crossings by installing thaw control system and channelizing the creek.	
Patterson Street Area Storm Drainage Improvements		Construct a storm drainage system along Patterson Street north from DeBarr to East 6th Avenue east to Creekside School area. This system will solve present maintenance problems adjacent to Patterson and the Creekside School area.	

MUNICIPALITY OF ANCHORAGE — CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department	Public Works
Project Category	Pedestrian Crossings

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Pedestrian Crossing-15th & Medra 78-79/M3C801	500.0	110.0	With Assembly approval this project has been revised to an at-grade crossing with signals. Construction is in progress and will be completed in 1981. The balance of funds will be reallocated. (130.0) Budget Revision.
Misc. Pedestrian Crossings 80/NA	350.0	-0-	Specific applications for this funding have not been selected.
Shelikoff-Campbell Creek Crossing 80/M03C03	150.0	150.0	Design completed. Construction will be completed in 1981.

MUNICIPALITY OF ANCHORAGE – CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department	Public Works
Project Category	Special Projects

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
800 Theater Scope Study 80/M05T45	25.0	25.0	Funding allocated from 1980 Roads and Projects grant.
Visual Arts Scope Study 80/M05T46	25.0	25.0	Funding allocated from 1980 Roads and Projects grant.
Civic Center 80/M05T52	20000.0	20000.0	Design in progress, construction expected to be completed in 1983.
"F" Street Mall 80/M05T53	5150.0	5150.0	Project may be combined with Downtown Pedestrian Amenties project.
Performing Arts Center 80/M-5T54	15447.0	15447.0	Study and Report phase in progress. Request for additional funding is before the legislature. Construction expected to be completed in 1984.
Minnesota/Intl Beautifi- cation 80/M05T55	1663.0	1663.0	Design complete in 1981, anticipate 1981-82 constructin.