MUNICIPALITY OF ANCHORAGE ROADS/TRANSPORTATION CAPITAL PROGRAM Department: Public Works

Department Goal:

The goal of the Department of Public Works is to establish an efficient transportation system to accommodate the public needs, serving both internal and external 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 with the ultimate aim of serving the citizens of Anchorage; to help provide the Anchorage area with a comprehensive, modern, and efficient transportation system. The goal of the Department of Public Works is also 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 of these standards.

Accelerated Roads Program:

Selected streets have been chosen for inclusion in the Accelerated Roads Program on the basis of plans cooperatively developed by the Municipality and the State, and adopted by the Anchorage Metropolitan Area Transportation Study Technical and Policy Committees. The program is an integrated planning and funding approach to transportation needs in Anchorage, which includes both Municipal roads, and the State regional highway system.

Street Improvements:

The highest priority for construction or improvement of major arterial and collector streets is based on service needs of the majority of the community. Construction and improvement of residential streets will be done as funding is available. Projects are chosen on the basis of need as established by the Comprehensive Development Plan, Official Streets and Highways Plan, Transportation Improvement System, Accelerated Roads Program, and input from public meetings and public hearings.

MUNICIPALITY OF ANCHORAGE ROADS/TRANSPORTATION CAPITAL PROGRAM Department: Public Works

Drainage Improvements:

Design and construction of major trunk drainage lines and residential lateral storm drainage lines is based on need and service benefit to the greatest number in accordance with the various storm drainage studies. 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 by using control devices to reduce and eliminate existing pollutants and exercising preventative design considerations in new developments. Projects are selected on the basis of need as established by the Comprehensive Development Plan, Floodplain Reports, Storm Drainage Studies, Areawide Water Quality Management Plan, public meetings and public hearings on the preceding plans, reports, and studies.

Roads and Drainage Rehabilitation:

\$11,011,000 in Bond funding and \$1,500,000 in State Grant funding in the 1988-1993 CIP will provide for the rehabilitation of approximately 30 miles of roadway and drainage system.

Street Facilities:

\$5,270,000 in Bond funding in the 1988-1993 CIP will provide snow disposal sites, street maintenance depots, storage building, and other facilities needed to meet the projected expansion of road services in the 1980's and early 1990's.

Heavy Equipment:

\$4,297,000 in Bond funding in the 1988-1993 CIP will provide for replacement of existing heavy equipment and for additional heavy equipment for the projected expansion of road services in the 1980's and early 1990's.

MUNICIPALITY OF ANCHORAGE ROADS/TRANSPORTATION CAPITAL PROGRAM

Department: Public Works

Special Projects:

The \$1,250,000 in Bond funding requested will provide for implementation of the five year plan for survey grid development and maintenance to eliminate disputes over land boundaries. It will also provide for expansion of the automated mapping system to other users, networking with other systems and the expansion of the database.

Transportation Safety Improvements:

Funding in the 1988-1993 CIP will provide for improvements in three categories:

Pedestrian Facilities/Improvements: Pedestrian overcrossings, trails, sidewalks, and flashing crosswalk signs in areas with high pedestrian use along major roadways.

Street lighting: Needed street lighting on expanding transportation systems and in residential areas to reduce accidents and crime.

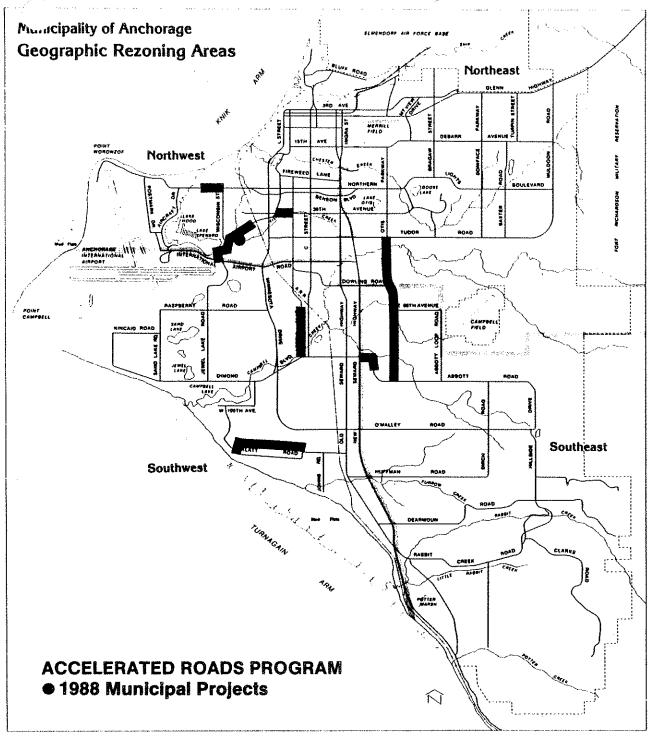
Traffic improvements: Traffic signal timing improvements to utilize the capacity of new and existing intersections without reducing public safety. Installation of traffic signals in conjunction with road improvement projects or where traffic flow warrants a traffic signal. Revisions to the configuration of existing roadways and intersections to respond to changing traffic flow demands, reducing traffic delay and traffic accidents.

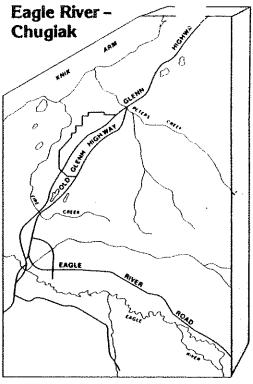
Areawide Communications:

The \$2,633,000 requested in the 1988-1993 CIP will upgrade facilities and equipment to accommodate a growing demand for radio communication services for municipal agencies.

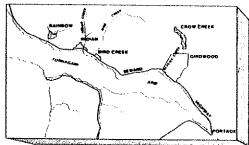
Department	Project Category				Fund Code	
Public Works	Accelerated	d Roads Pr	ogram		0441	
	1988 PROJECT				F DOLLARS	
PROJECT TITLE AND DESCRIPTION	COST S-State 0-Other	ESTIMATED START	ESTIMATED COMPLETION	OGM COST	COMMUNITY COUNCIL	
	F-Federal B-Bonds	DATE	DATE	DEBT SERVICE	COMMUNITY COUNCIN	
Lake Otis Boulevard - Phase II - 68th Avenue to Abbott Road - Upgrade to major arterial standards including a bike/ pedestrian facility and storm drain out- fall treatment for storm drains. Right- of-way and construction funds.	S-17,900	8/88	10/89	75.0 0.0	Abbott Loop	
Klatt Road Extension - "C" Street to South- port Parkway - Upgrade to 2-lane minor arte- rial. Route selected runs north of existing right-of-way, east of Klatt School along ex- isting right-of-way west of Klatt Road. Con- struction and balance of right-of-way funds.	S-3,400	8/88	8/89	10.0 0.0	Bayshore/Klatt	
Spenard Road - McRae Road to International Airport Road - Upgrade to minor arterial standards. Right-of-way and construction funds. Includes bike/pedestrian improvements.	S-21,520	5/88	7/89	32.5 0.0	Spenard	
Spenard Road Right-of-Way Improvements - Program is for improvement along Spenard Road to include sidewalks, bike trails, hand- icapped access, traffic signal upgrade, and landscape improvements. Program will be coor dinated with Anchorage Neighborhood Housing and debt service will be partially assessable		7/88	12/89	20.0 203.7	Spenard	
TOTALS					1988	

Department	Project Category				Fund Code	
Public Works	Accelerate	d Roads Pr	ogram		0441	
	1988 PROJECT		COSTS	IN THOUSANDS O	F DOLLARS	
PROJECT TITLE AND DESCRIPTION	COST S-State D-Other	ESTIMATED	ESTINATED	ESTIMATED	ogn cost	COMMUNITY COUNCIL
	S-State U-Uther F-Federal B-Bonds	START DATE	COMPLETION DATE	DEBT SERVICE	COMMUNITY COUNCIL	
Dimond Boulevard - New Seward Highway to 88th Avenue - Upgrade to major arterial stan- dards. Design, right-of-way and construction funds.	S-8,000	4/88	8/89	9.5 0.0	Abbott Loop	
36th Avenue - Arctic Boulevard to Spenard Road - Upgrade to minor arterial standards including a bike/pedestrian facility. Right- of-way and construction funds.	S-6,800	5/88	10/89	11.3 0.0	Spenard	
Arctic Boulevard - Raspberry Road to Dimond Boulevard - Construct to minor arterial standards including a bike/pedestrian facility. Right-of-way and construction funds.	S-6,400	8/88	8/89	11.3 0.0	Multiple Councils	
West Northern Lights Boulevard - Phase II- Wisconsin to Aero - Upgrade to minor arterial standards including bike/pedestrian improvements.	S-13,900	5/88	7/89	13.0 0.0	Turnagain	
TOTALS	S-77,920 F-0	0-0 B-2,000		182.6 203.7	1988	

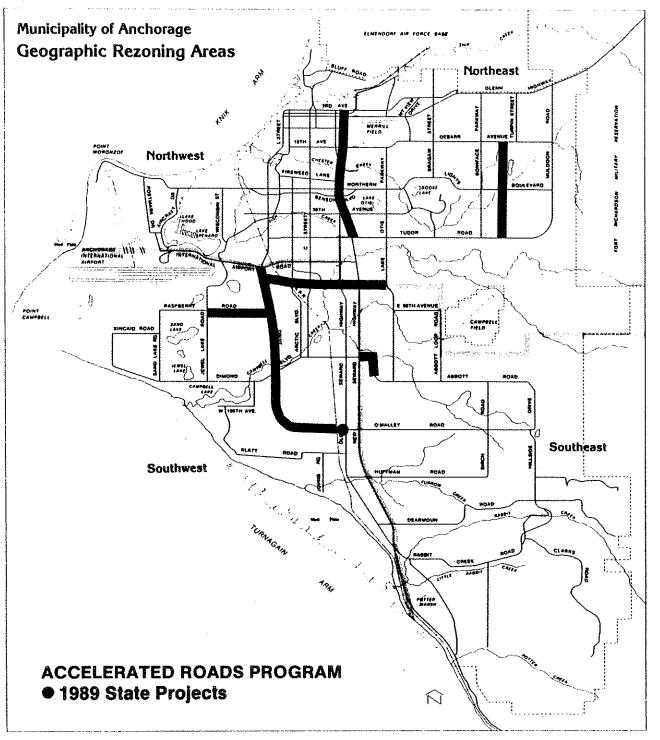


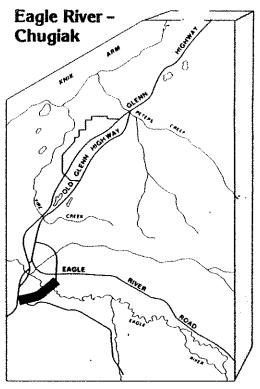


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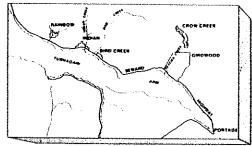


Department	Project Category	· · · · · · · · · · · · · · · · · · ·			Fund Code	
Public Works	Accelerated	d Road Pro	gram		N/A	
				IN THOUSANDS OF DOLLARS		
PROJECT TITLE AND DESCRIPTION	COST S-State O-Other	ESTINATED	ESTIMATED	OGM COST	COMMUNITY COUNCIL	
	F-Federel B-Bonds	START DATE	COMPLETION DATE	DEBT SERVICE	COMONITI COONCID	
State of Alaska Projects - Federal Grant Funde	d For Informa	ional Pur	poses Only			
Boniface Parkway - DeBarr Road to Tudor Road	F-19,500	N/A	N/A	N/A	Multiple Councils	
Dimond Boulevard - New Seward Highway to 88th Avenue	F-350	N/A	N/A	N/A	Abbott Loop	
Dowling Road - Lake Otis Parkway to Minnesota Drive	F-400	N/A	N/A	N/A	Multiple Councils	
Eagle River Bridge - Eagle River Loop Road to Hiland Drive	F-11,600	N/A	N/A	N/A	South Fork	
Minnesota Drive - Illumination from Inter- national Airport Road to Alaska Railroad and Channelization at "C" Street	F-1,800	N/A	N/A	N/A	Multiple Councils	
Raspberry Road - Jewel Lake Road to Minnesota Drive	F-12,700	N/A	N/A	N/A	Sand Lake	
Seward Highway Corridor - 3rd Avenue to Tudor Road	F-300	N/A	N/A	N/A	Multiple Councils	
Tudor Road - Boniface Parkway to Minnesota Drive	F-430	N/A	N/A	N/A	Multiple Councils	
These figures are not included in Municipal budget totals shown throughout this book.						
TOTALS	S-0 F-47,080	0-0 B-0			1988	



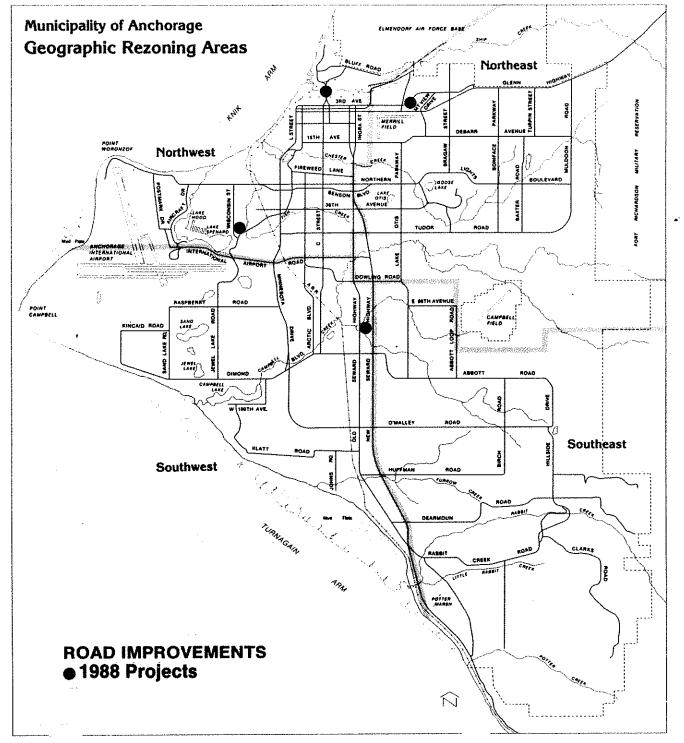


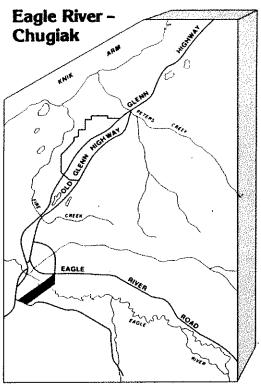
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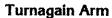
Department	Project Category				Fund Code	
Public Works	Road Impro	vements			0441	
	1988 PROJECT COSTS IN THOUSANDS OF				F DOLLARS	
PROJECT TITLE AND DESCRIPTION	COST s-State O-Other	ESTIMATED	ESTINATED	OGN COST	CONMUNITY COUNCIL	
	S-State U-Other F-Federal B-Bonds	START DATE	COMPLETION DATE	DEBT SERVICE	COMMUNITY COUNCIL	
Street Improvements - Design and Construct road improvement district improvements, overlay existing pavement and reimburse developers for the constructon of collectors and arterials as designated by the Official Streets and Highway Plan.	B-1,000	7/88	10/89	3.1 101.9	Multiple	Council:
ARDSA Road and Sreet Improvement Districts - Provides funds for Special Assessment Districts. Pays 50% of project costs with remainder repaid by benefiting property owners through special assessments.	B-1,000 S-1,000	7/88	10/88	7.0 101.9	Multiple	Council
"C" Street Bridge - Ship Creek Crossing - Upgrade existing bridge to accommodate industrial collector road and provide safety and pedestrian improvements. Design and right-of-way funds - 1988. Construction funds - 1989.	S-1,150	9/88	10/90	0.0 0.0	Downtown	
Eagle River/Chugick/Birchwood Road Improve- ments - This project will implement the Six Year Plan for this area.	S-1,000	7/88	10/89	8.3 0.0	Multiple	Council
Limited Road Service Area Improvements - (50/50) - Provides funds for Special Assessment Districts in Limited Road Service Areas and Glen Alps. Pays project costs with 50% repaid by benefiting property owners through special assessments or other matching funds.	S-1,000	7/88	10/89	8.1 0.0	Multiple	Council
TOTALS					1988	

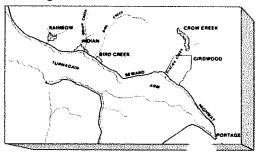
Department	Project Category			•	Fund Code	
Public Works	Road Improv	vements			0441	
	1988 PROJECT		COSTS IN THOUSANDS OF DOLLARS			
PROJECT TITLE AND DESCRIPTION	COST S-State O-Other	ESTIMATED START	ESTIMATED COMPLETION	- O&M COST	COMMUNITY COUNCIL	
	F-Federal B-Bonds	DATE	DATE	DEBT SERVICE	COMMUNITI COUNCIL	
Turnagain Arm/Girdwood Improvements - This project will construct needed road improve-ments in this area.	S-300	7/88	10/89	1.6 0.0	Turnagain Arm	
Eagle River Bridge, Hiland Road Connection Project - Widen the 8-foot pedestrian pathway to 12-foot as part of the Eagle River Bridge construction project to increase safety.	S -4 27	6/88	10/89	0.0 0.0	Eagle River Valley/South Fork	
		·				
					,	
TOTALS		0-0 B-2,000		28.1 203.8	1988	



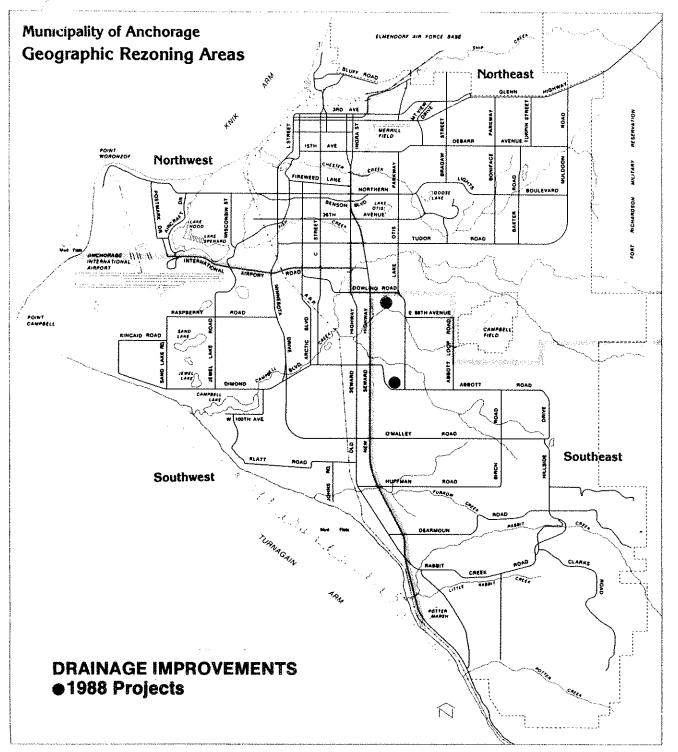


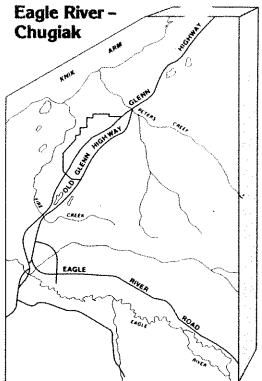
PLUS ADDITIONAL AREAWIDE PROJECTS





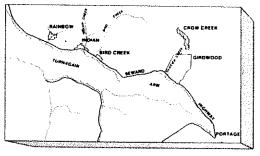
Department	Project Category			·	Fund Code	
Public Works	Drainage 1	mprovement	s		0441	
	2300 120020			OSTS IN THOUSANDS OF DOLLARS		
PROJECT TITLE AND DESCRIPTION	COST s-State O-Dither	ESTIMATED START	ESTIMATED	O&M COST	COMMUNITY COUNCIL	
		COMPLETION DATE	DEBT SERVICE	COMMONITI COUNCIL		
Hillside Drainage Study Phase I - Provide drainage plan for Anchorage Hillside area. Plan to include eliminating conflicts with septic systems.	S-200	7/88	12/89	0.0 0.0	Areawide (All)	
Miscellaneous Storm Drainage - Design and construct miscellaneous improvements and reimburse for oversizing of storm systems by others.	B-1,500	7/88	9/89	3.2 152.8	Multiple Councils	
88th Avenue/Hartzell Storm Drain Phase I - Provides for design of storm drain outfall treatment for storm drains constructed under the East Dimond Extension and the Lake Otis Parkway improvement projects.	B-200	7/88	12/90	3.0 20.4	Abbott Loop	
64th Avenue/Dowling Road Storm Drain - Extend trunk to serve area north of Dowling Road and west of Lake Otis Boulevard.	B-250 S-1,440	9/88	11/89	4.7 25.5	Multiple Councils	
					·	
TOTALS	S-1,640 F-0	0-0 B-1,950		10.9 198.7	1988	



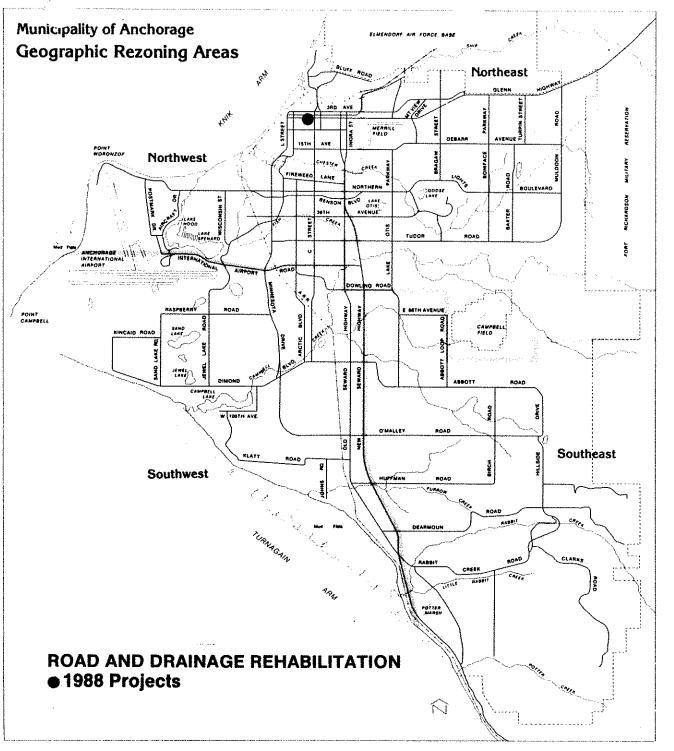


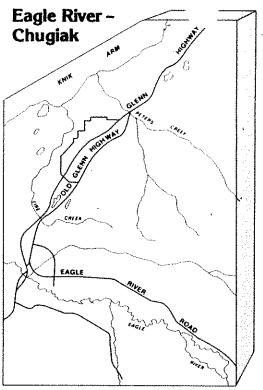
PLUS ADDITIONAL AREAWIDE PROJECTS

Turnagain Arm

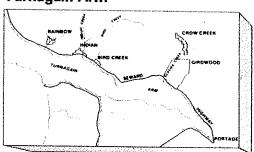


Department	Project Category				Fund Code
Public Works	Roads, Dra	inage and	Facility F	Rehab.	0441/0401
	1988 PROJECT		COSTS	IN THOUSANDS O	F DOLLARS
PROJECT TITLE AND DESCRIPTION	COST	ESTINATED	ESTINATED	OGM COST	
	S-State O-Other F-Feder#1 B-Bonds	START DATE	COMPLETION DATE	DEBT SERVICE	CONMUNITY COUNCIL
Roads and Drainage Rehabilitation - Project will rehabilitate selected road surfaces, drainage lines and ancillary systems within the Anchorage Roads and Drainage Service Area.	B-2,000 S-500	7/88	12/89	0.0 203.7	Areawide (All)
Areawide Rehabilitation - Major repairs, equipment purchase and project closeout for neighborhood pedestrian, street and drainage systems and municipal facilities. Capital grant interest funds will be used for safety improvements, reduction of operation and maintenance costs and other facility upgrades and improvements in Anchorage, Girdwood and Eagle River/Chugiak.	0-535	1/88	12/88	0.0 0.0	Areawide (All)
TOTALS	S-500 F-0	0-535 B-2,000		0.0 203.7	1988

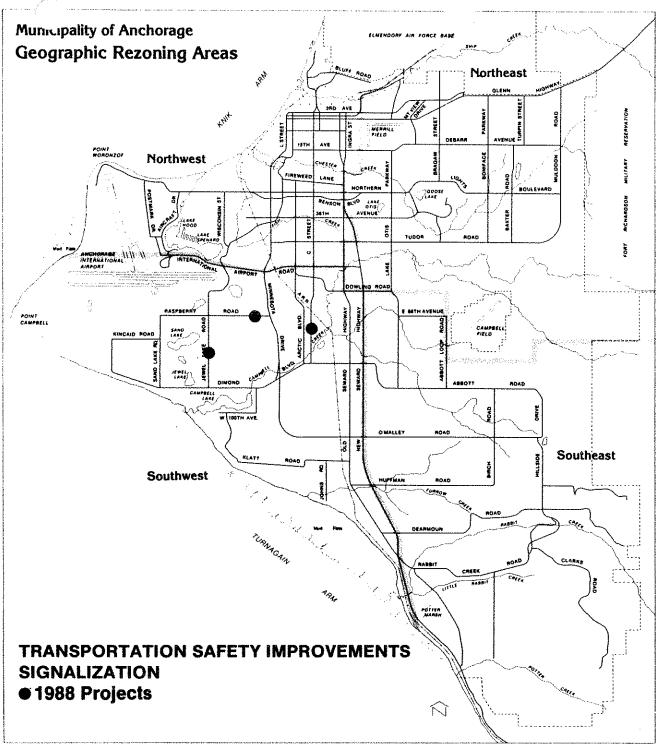


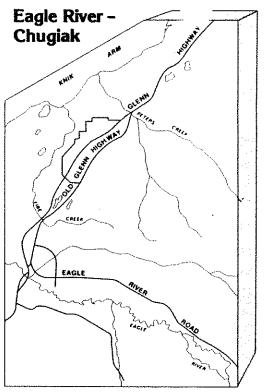


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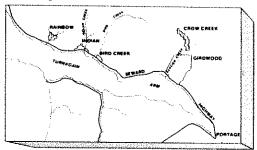


Department	Project Category				Fund Code
Public Works	Transporta	tion Safet	y Improvem	0441	
	1988 PROJECT		COSTS	IN THOUSANDS O	F DOLLARS
PROJECT TITLE AND DESCRIPTION	COST S-State 0-Other	ESTINATED START	ESTIMATED COMPLETION	O&M COST	COMMUNITY COUNCIL
	F-Federal B-Bonds	DATE	DATE	DEBT SERVICE	***************************************
Signalization - These projects will construct new traffic signals each year to facilitate traffic flow in Anchorage. Signal locations are based on projected traffic volumes, programmed roadway projects, and public input.	B-500 S-700	7/88	12/89	12.8 50.9	Areawide (All)
The following intersections are scheduled for signalization to be funded in 1988:					
Northwood and Raspberry Road Strawberry Road and Jewel Lake Road 76th Avenue and C Street Signal System Control Modifications					
and other critical intersections as priorities are updated.					
TOTALS					1988

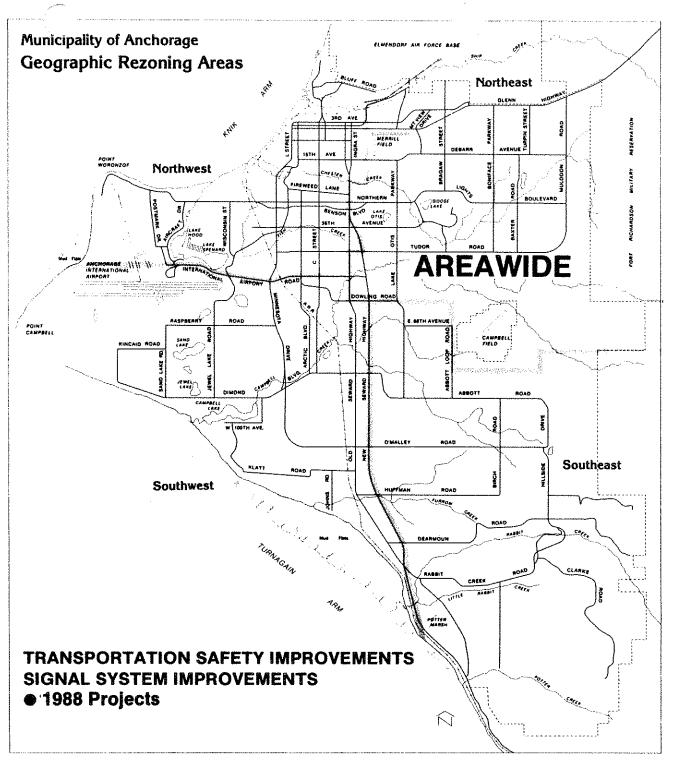


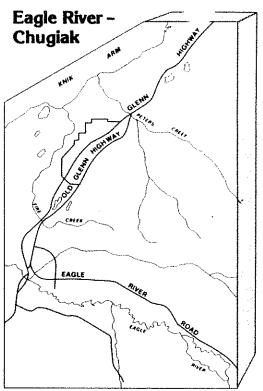


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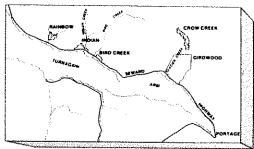


Department	Project Category				Fund Code		
Public Works	Transportat	ion Safet	y Improvem	ents	0441		
	1988 PROJECT		COSTS	IN THOUSANDS C	OF DOLLARS		
PROJECT TITLE AND DESCRIPTION	COST	ESTIMATED	ESTINATED	ESTIMATED	ESTINATED COMPLETION	OGN COST	GOMBITTE GOLDGIT
	S-State O-Other F-Federol B-Bonds	START DATE	DATE	DEBT SERVICE	COMMUNITY COUNCIL		
Signal System Improvements - These projects will replace obsolete signal system components, communication devices, traffic sensing loops, increase signal timing efficiencies and replace the existing traffic signal computer.	B-500 .	7/88	12/89	0.0 50.9	Areawide (All)		
		,					
		-					
TOTALS					1988		



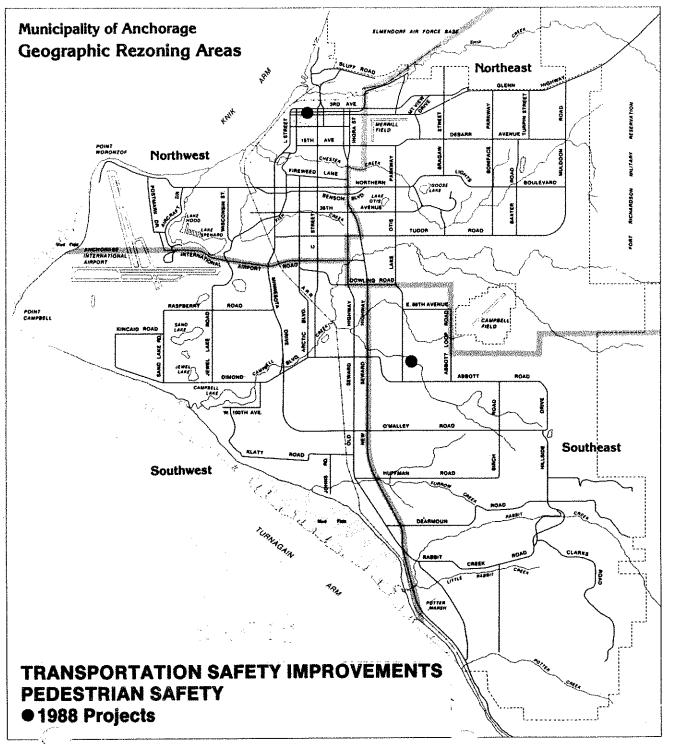


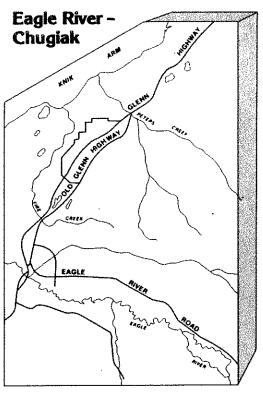
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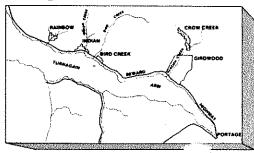
Department	Project Category				Fund Code	
Public Works	Transporta	tion Safet	y Improvem	ents	0441	
	1988 PROJECT		COSTS	IN THOUSANDS C	OF DOLLARS	
PROJECT TITLE AND DESCRIPTION	COST	ESTIMATED	ESTIMATED	OGN COST	COMMITTEE CALIFORNI	
	S-State D-Other F-Federal B-Bonds	START DATE	COMPLETION DATE	DEBT SERVICE	COMMUNITY COUNCIL	
Pedestrian Safety Improvements - These projects will install sidewalks, walkways and crosswalks at schools and at high pedestrian use areas. Walkway illumination and flashing school zone lights will be installed where warranted.	B-200 S-400	10/88	10/89	0.0 20.4	Areawide (All)	
Locations for pedestrian improvements for Anchorage elementary schools have been coordinated with the local Parent-Teacher Associations and the School District's Hazardous Transportation Committee. Other improvements for pedestrian safety are in conjunction with requests from Neighborhood Community Councils concerned with the increase vehicular volumes contributing to pedestrian accidents along major roadways and at the recommedations of the Municipal Traffic Commission.						
The following will be funded in 1988:						
84th Avenue - Lake Otis Parkway to Nadine						
Walkway Upgrade Cranberry Road Extension/ Strawberry Road to 71st Avenue						
TOTALS					1988	

Department	Project Category				Fund Code
Public Works	Transporta	tion Safet	y Improvem	ents	0441
	1988 PROJECT		COSTS	IN THOUSANDS O	F DOLLARS
PROJECT TITLE AND DESCRIPTION	COST S-State O-Other	ESTIMATED START	ESTIMATED COMPLETION	OGM COST	COMMUNITY COUNCIL
	F-Federal B-Bonds	DATE	DATE	DEBT SERVICE	COMMUNITY COUNCIL
Neighborhood Traffic Improvements - This project funds the improvements requested by the Coummunity Councils during Traffic Engineering neighborhood traffic improvement meetings. Traffic Engineering meets with four Community Councils per year to reduce or eliminate traffic problems in the neighborhoods.	S-236	6/88	10/88	0.5 0.0	Areawide (All)
Urban Right-of-Way Improvements - The downtown Urban Improvements Program consists of: (1) repair and replacement of deteriorated street and sidewalk paving; (2) installation of handicapped access curb ramps; (3) replacement of traffic signals and street lights; (4) installation of litter receptacles, sidewalk lights, benches, and public signage where necessary; and (5) tree planting where appropriate. Debt service on these projects will be partially repaid through special assessments.	B-1,500	8/88	12/89	15.0 152.8	Downtown
TOTALS					1988

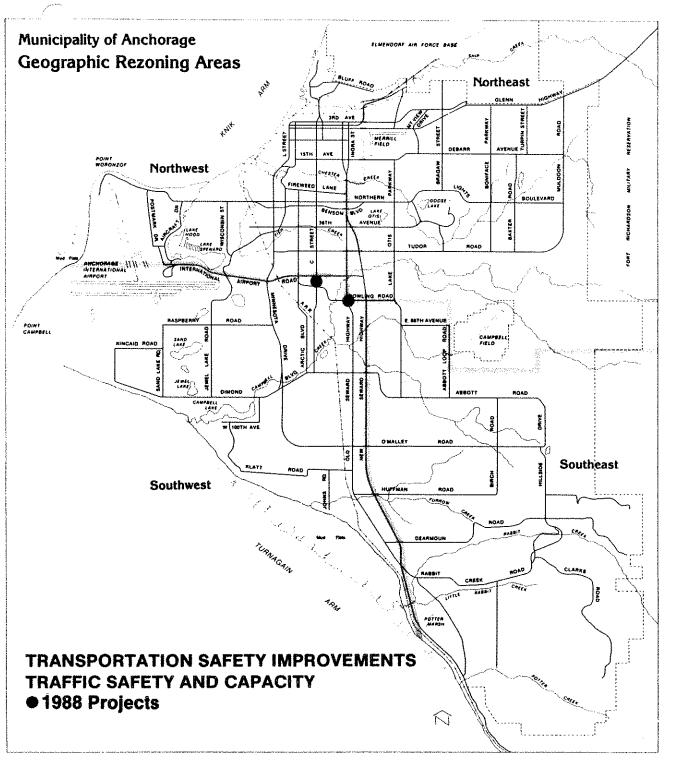


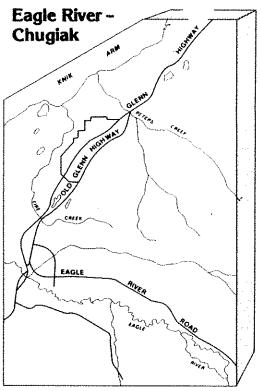


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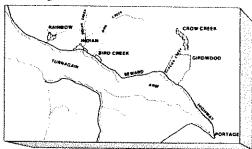


Department	Project Category				Fund Code
Public Works	Transportat	tion Safet	y Improvem	ents	0441
	1988 PROJECT		COSTS	IN THOUSANDS O	F DOLLARS
PROJECT TITLE AND DESCRIPTION	COST S-State O-Other	ESTINATED START	ESTIMATED COMPLETION	ogn cost	COMMUNITY COUNCIL
	F-Federel B-Bends	DATE	DATE	DEBT SERVICE	-
Channelization - These projects improve the capacity of highly congested intersections and the safety at intersections that have a high accident rate. Improvements are in response to public input, Community Councils' input, traffic delays, traffic accidents, projected and present traffic flow.	B−350 S−848	5/88	5/89	2.8 35.6	Areawide (All)
The following intersections are scheduled for improvement to be funded in 1988:					
Potter Drive and C Street Old Seward and Dowling					
and other critical intesections as priorities are updated.					,
•					
TOTALS		I was a second of the second o			1988



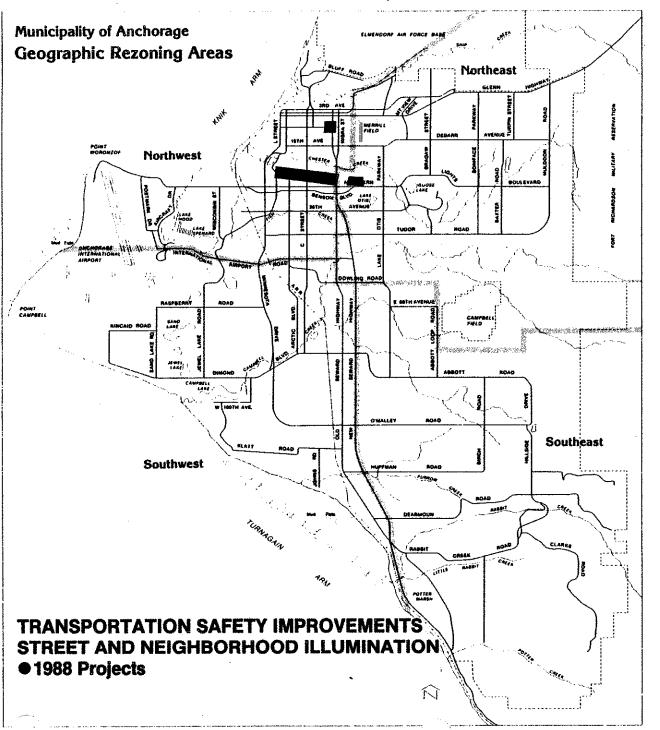


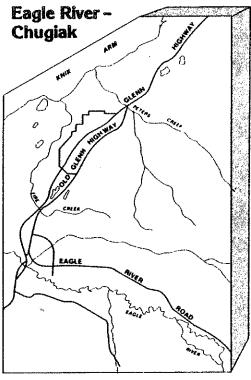
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Department	Project Category			Fund Code	
Public Works	Transportat	ion Safet	0441		
PROJECT TITLE AND DESCRIPTION	1988 PROJECT COST S-State O-Other F-Federal B-Bonds		COSTS	F DOLLARS	
		ESTINATED START DATE	ESTIMATED COMPLETION DATE	OGN COST	CONMUNITY COUNCIL
				DEBT SERVICE	COMMITT COUNTY
Roadway Illumination - This project will upgrade lighting along the arterial and collector street system. In addition, some existing street lighting which now consists of mercury vapor street lights, will be changed to high-pressure sodium. The existing lighting has been antiquated by recent developments in the lighting industry and energy consumption can be significantly reduced. The following arterial and collector streets to be illuminated and/or existing illumination improved in 1988: Fireweed Lane from Arctic Boulevard to New Seward Highway 5th Avenue from Gambell Street to Cordova Street	S-300	10/88	10/89	7.8 0.0	Areawide (All)
and other critical roadways as priorities are updated.	•	`		•	
TOTALS					1 <i>988</i>

Department	Project Category	·····	Fund Code		
Public Works	Transportat	tion Safety	0441		
PROJECT TITLE AND DESCRIPTION	1988 PROJECT COST S-State 0-Other F-Federal B-Bonds	COSTS IN THOUSANDS O			F DOLLARS
		ESTIMATED START DATE	ESTIMATED COMPLETION DATE	OGN COST	COMMUNITY COUNCIL
				DEBT SERVICE	COMOULL COUNCIL
Neighborhood Illumination - These projects will provide street lighting in residential areas where street lighting is deficient, along existing pedestrian path/bike trails, on school walkways, and at school and transit bus stops.	S-200	10/88	10/89	5.3 0.0	Areawide (All)
Traffic Engineering receives over 300 request for new street lights from citizens each year. Neighborhood lighting deters crime and increases traffic and pedestrian safety along residential streets.					
Neighborhood areas scheduled to be illuminated and existing illumination improved in 1988:					
The area bounded by LaTouche Street, Maplewood, Banister and Northern Lights.					
and other critical areas as priorities are updated.					
				- Rockinska samanina	
TOTALS		0-0 B-3,050		44.2 310.6	1988





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