

2019 Capital Improvement Budget Traffic Department

(in thousands)

Projects	Bonds	State	Federal	Other	Total
Anchorage Signal System, Signage, and Safety Improvements	250	-	-	-	250
Intersection Safety and Congestion Relief Annual Program	250	-	-	-	250
School Zone Safety	500	-	-	-	500
Traffic Calming and Safety Improvements	500	-	-	-	500
Total	1,500	-	-	-	1,500

2019 - 2024 Capital Improvement Program Traffic Department

(in thousands)

Projects	Year	Bonds	State	Federal	Other	Total
PME - Traffic Improvements						
Anchorage Signal System, Signage, and Safety Improvements	2019	250	-	-	-	250
	2020	650	-	-	-	650
	2021	650	-	-	-	650
	2022	650	-	-	-	650
	2023	650	-	-	-	650
	2024	650	-	-	-	650
		3,500	-	-	-	3,500
Intersection Safety and Congestion Relief Annual Program	2019	250	-	-	-	250
	2020	500	-	-	-	500
	2021	500	-	-	-	500
	2022	500	-	-	-	500
	2023	500	-	-	-	500
	2024	500	-	-	-	500
		2,750	-	-	-	2,750
School Zone Safety	2019	500	-	-	-	500
	2020	500	-	-	-	500
	2021	500	-	-	-	500
	2022	500	-	-	-	500
		2,000	-	-	-	2,000
Traffic Calming and Safety Improvements	2019	500	-	-	-	500
	2020	1,000	-	-	-	1,000
	2021	1,000	-	-	-	1,000
	2022	1,000	-	-	-	1,000
	2023	1,000	-	-	-	1,000
	2024	1,000	-	-	-	1,000
		5,500	-	-	-	5,500
Total		13,750	-	-	-	13,750

Anchorage Signal System, Signage, and Safety Improvements

Project ID	TRA55103	Department	Traffic
Project Type	Improvement	Start Date	May 2015
Location	Assembly: Areawide, HD-SD: Community-wide, Community: ARDSA Councils	End Date	December 9999

Description

This program reconstructs and upgrades the Anchorage traffic system within the Anchorage Roads & Drainage Service Area. This project is part of an annual program to construct priority improvements that will improve safety and traffic flow as identified by the Traffic Department through its annual review of traffic and crash data. Improvements may include replacing and/or upgrading signals, turning lanes and lights, signs, safety systems, site assessment devices, traffic detection loops, and any other equipment needed to upgrade the system.

Comments

Design and construction funding is proposed annually through road bonds. Because of age, many traffic signals, safety systems, site assessment devices, striping, and sign facilities in Anchorage have deteriorated to the point that replacement is required to keep the system operating. Upgrades, primarily related to technological advancements, are available to improve system efficiency and reduce annual operation and maintenance costs, as well as, reduce the frequency and severity of accidents.

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		2019	2020	2021	2022	2023	2024	Total
Revenue Sources	Fund							
Bond Sale Proceeds	441100 - ARDSA CIP Bond	250	650	650	650	650	650	3,500
Total (in thousands)		250	650	650	650	650	650	3,500

O & M Costs

Cntrtual Svcs Othr		5	5	5	5	5	-	25
Total (in thousands)		5	5	5	5	5	-	25

Intersection Safety and Congestion Relief Annual Program

Project ID TRA55107 **Department** Traffic
Project Type Improvement **Start Date** May 2015
Location Assembly: Areawide, HD 50: Anchorage **End Date** December 9999
 Areawide, Community: Areawide

Description

This program funds intersection and traffic safety projects throughout Anchorage. Project priorities will be established by the Traffic Engineering and Project Management & Engineering Departments, with input from elected officials and the public. Improvements are expected to focus on fully funding intersection improvements at selected intersections along major arterial corridors. Funding is also applied to projects where the scope includes creating a new connection that enhances traffic circulation. Funding may also be allocated to traffic and pedestrian safety projects on collector streets and in local neighborhoods.

Comments

Design and construction funding is proposed annually. As traffic increases and traffic patterns change, safety concerns at different intersections also change. This program funds improvements to intersections and new roadway connections that address evolving safety and capacity needs.

The proposed funding may be used for design, drainage improvements, utility work, obtaining rights of way and easements, and any work associated with upgrading roadways and intersections and their associated amenities.

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		2019	2020	2021	2022	2023	2024	Total
Revenue Sources	Fund							
Bond Sale Proceeds	441100 - ARDSA CIP Bond	250	500	500	500	500	500	2,750
Total (in thousands)		250	500	500	500	500	500	2,750

School Zone Safety

Project ID PME10953 **Department** Traffic
Project Type Improvement **Start Date** June 2011
Location Assembly: Areawide, HD 50: Anchorage **End Date** October 2024
 Areawide, Community: Areawide

Description

This project will upgrade and/or modify school zone signage, signals, and markings to meet Federal, State and Local requirements. Projects may also include improvements to the School Walking Routes.

Comments

The Traffic Department monitors and identifies optimal locations for safety improvements. Population changes and area development can dramatically impact traffic patterns of nearby schools requiring installation of various traffic calming features.

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		2019	2020	2021	2022	2023	2024	Total
Revenue Sources	Fund							
Bond Sale Proceeds	401100 - Areawide General CIP Bond	500	500	500	500	-	-	2,000
Total (in thousands)		500	500	500	500	-	-	2,000

Traffic Calming and Safety Improvements

Project ID TRA55113 **Department** Traffic
Project Type Improvement **Start Date** May 2015
Location Assembly: Areawide, HD-SD: Community-wide, Community: ARDSA Councils **End Date** December 9999

Description

This program constructs traffic calming and safety improvements throughout the Anchorage Roads and Drainage Service Area (ARDSA). Specific improvements will be identified and prioritized by the Traffic Engineering Section in conjunction with public involvement.

Comments

Design and construction funding is proposed annually. Several phases of improvements have been designed and constructed. On many neighborhood and collector roads, vehicles are driven above posted speeds which can create unsafe situations. Traffic calming measures are typically used to slow traffic and reduce the frequency and severity of accidents.

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		2019	2020	2021	2022	2023	2024	Total
Revenue Sources	Fund							
Bond Sale Proceeds	441100 - ARDSA CIP Bond	500	1,000	1,000	1,000	1,000	1,000	5,500
Total (in thousands)		500	1,000	1,000	1,000	1,000	1,000	5,500

O & M Costs

Cntrtual Svcs Othr	15	30	30	30	30	-	135
Total (in thousands)	15	30	30	30	30	-	135