

2022 Capital Improvement Budget Traffic Engineering Department

(in thousands)

Projects	Bonds	State	Federal	Other	Total
Anchorage Signal System, Signage, and Safety Improvements	500	-	-	-	500
School Zone Safety	500	-	-	-	500
Traffic Calming and Safety Improvements	1,000	-	-	-	1,000
Total	2,000	-	-	-	2,000

2022 - 2027 Capital Improvement Program Traffic Engineering Department

(in thousands)

Projects	Year	Bonds	State	Federal	Other	Total
Roads - Safety						
Lore Rd Surface Rehab and Traffic Calming - Brayton Dr to Lake Otis Pkwy	2023	1,000	-	-	-	1,000
	2024	2,000	-	-	-	2,000
		3,000	-	-	-	3,000
Roads - Traffic Improvements						
Anchorage Signal System, Signage, and Safety Improvements	2022	500	-	-	-	500
	2023	500	-	-	-	500
	2024	500	-	-	-	500
	2025	500	-	-	-	500
	2026	500	-	-	-	500
	2027	500	-	-	-	500
		3,000	-	-	-	3,000
School Zone Safety	2022	500	-	-	-	500
	2023	500	-	-	-	500
	2024	500	-	-	-	500
	2025	500	-	-	-	500
	2026	500	-	-	-	500
	2027	500	-	-	-	500
		3,000	-	-	-	3,000
Traffic Calming and Safety Improvements	2022	1,000	-	-	-	1,000
	2023	1,000	-	-	-	1,000
	2024	1,000	-	-	-	1,000
	2025	1,000	-	-	-	1,000
	2026	1,000	-	-	-	1,000
	2027	1,000	-	-	-	1,000
		6,000	-	-	-	6,000
Safety Improvements						
Northeast Community Council Area Pedestrian Safety and Traffic Calming	2023	550	-	-	-	550
	Total	15,550	-	-	-	15,550

Anchorage Signal System, Signage, and Safety Improvements

Project ID TRA55103 **Department** Traffic Engineering
Project Type Improvement **Start Date** May 2020
District Assembly: Areawide, HD-SD: Community-wide **End Date** December 9999

Community Council

Description

This program reconstructs and upgrades the Anchorage traffic system within the Anchorage Roads & Drainage Service Area (ARDSA). This project is part of an annual program to construct priority improvements that will improve safety and traffic flow as identified by the Traffic Engineering 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.

Version 2022 Approved

		2022	2023	2024	2025	2026	2027	Total
Revenue Sources	Fund							
Bond Sale Proceeds	441100 - ARDSA CIP Bond	500	500	500	500	500	500	3,000
Total (in thousands)		500	500	500	500	500	500	3,000
O & M Costs								
Cntrtual Svcs Othr		5	5	5	5	5	5	30
Total (in thousands)		5	5	5	5	5	5	30

Lore Rd Surface Rehab and Traffic Calming - Brayton Dr to Lake Otis Pkwy

Project ID TR2019001 **Department** Traffic Engineering
Project Type Improvement **Start Date** June 2020
District Assembly: Section 4, Seats F & G, 25-M: Abbott **End Date** October 2025
Community Council Abbott Loop

Description

The project will resurface Lore Road and install traffic calming measures.

Comments

The project is in design. 2023 and 2024 bond funding is for right-of-way acquisition, to complete design, and for construction.

Version 2022 Approved

		2022	2023	2024	2025	2026	2027	Total
Revenue Sources	Fund							
Bond Sale Proceeds	441100 - ARDSA CIP Bond	-	1,000	2,000	-	-	-	3,000
Total (in thousands)		-	1,000	2,000	-	-	-	3,000

Northeast Community Council Area Pedestrian Safety and Traffic Calming

Project ID TR2021001 **Department** Traffic Engineering
Project Type Improvement **Start Date** July 2022
District Assembly: Section 2, Seats A & C, Assembly: Section 5, Seats H & I, 16-H: College Gate, 27-N: Basher, 15-H: Elmendorf **End Date** October 2029

Community Council

Description

The project will construct pedestrian safety and traffic calming solutions in the Northeast Community Council area. Traffic Engineering has identified the area around Ptarmigan Elementary as a beneficial location for the funding.

Comments

The project has not started. Bond funding is planned for design and construction.

The Northeast Community Council has many streets that would benefit from traffic calming measures and pedestrian improvements.

Ranked as the #1 priority of the Northeast Community Council for 2022.

Version 2022 Approved

		2022	2023	2024	2025	2026	2027	Total
Revenue Sources	Fund							
Bond Sale Proceeds	441100 - ARDSA CIP Bond	-	550	-	-	-	-	550
Total (in thousands)		-	550	-	-	-	-	550

School Zone Safety

Project ID PME10953 **Department** Traffic Engineering
Project Type Improvement **Start Date** June 2021
District Assembly: Areawide, HD 50: Anchorage Areawide **End Date** October 2029

Community Council

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. The schools to be targeted for improvements with the 2022 bond funding are Chinook, Wonder Valley, and Chester Park Elementary.

Comments

The Traffic Engineering 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.

Version 2022 Approved

		2022	2023	2024	2025	2026	2027	Total
Revenue Sources	Fund							
Bond Sale Proceeds	401100 - Areawide General CIP Bond	500	500	500	500	500	500	3,000
Total (in thousands)		500	500	500	500	500	500	3,000

Traffic Calming and Safety Improvements

Project ID	TRA55113	Department	Traffic Engineering
Project Type	Improvement	Start Date	May 2020
District	Assembly: Areawide, HD-SD: Community-wide	End Date	December 9999

Community Council**Description**

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

Amendment #6 - Assembly Members Dunbar, Petersen, Perez-Verdia, Rivera, Quinn-Davidson, and Zaletel - This amendment increases the FY22 proposed bond amount from \$500,000 to \$1,000,000.

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.

The following community councils ranked this project on their Project Management & Engineering (PM&E) priority lists for 2020:

Rabbit Creek: #8 (162nd to Mountain Air Drive)
Old Seward/Oceanview: #8
Tudor Area: #3
Turnagain: #7
University Area: #20 (Mills Dr to Checkmate Dr)

Version 2022 Approved

		2022	2023	2024	2025	2026	2027	Total
Revenue Sources	Fund							
Bond Sale Proceeds	441100 - ARDSA CIP Bond	1,000	1,000	1,000	1,000	1,000	1,000	6,000
Total (in thousands)		1,000	1,000	1,000	1,000	1,000	1,000	6,000
O & M Costs								
Cntrtual Svcs Othr		30	60	60	60	60	60	330
Total (in thousands)		30	60	60	60	60	60	330